

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\  
 Data File : VW006791.D  
 Acq On : 09 Nov 2018 17:41  
 Operator : SY/AP  
 Sample : VW1109SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

Manual Integrations  
 APPROVED

apatel  
 11/12/2018 3:41:13 PM

Quant Time: Nov 12 05:00:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 00:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 325035   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 431826   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 425817   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 241153   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 120770   | 50.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.40% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 123680   | 50.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.64% |      |
| 50) Toluene-d8            | 10.33  | 98  | 510024   | 49.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.60%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 189502   | 50.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.60% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 57951  | 21.929  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 66086  | 20.830  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.36 | 62  | 67857  | 20.345  | ug/l   | 99     |
| 5) Bromomethane               | 2.78 | 94  | 45219  | 18.437  | ug/l   | 98     |
| 6) Chloroethane               | 2.92 | 64  | 44216  | 20.257  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 87263  | 20.823  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.69 | 74  | 26395  | 21.650  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 57076  | 20.497  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.28 | 142 | 82045  | 21.208  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 19024  | 121.337 | ug/l # | 84     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 48336  | 20.817  | ug/l   | 96     |
| 13) Acrolein                  | 3.90 | 56  | 18426  | 112.842 | ug/l   | 98     |
| 14) Allyl chloride            | 4.68 | 41  | 63230  | 20.201  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 51029  | 104.568 | ug/l   | 99     |
| 16) Acetone                   | 4.15 | 43  | 35062  | 101.682 | ug/l   | 91     |
| 17) Carbon Disulfide          | 4.39 | 76  | 149251 | 19.486  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.68 | 43  | 24028  | 19.857  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 125208 | 22.016  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.93 | 84  | 65066  | 19.745  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 57619  | 20.746  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.32 | 45  | 140556 | 21.308  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.27 | 43  | 417596 | 111.000 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 88580  | 20.528  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 62805  | 110.313 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.18 | 77  | 85264  | 20.739  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 60957  | 20.483  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 32085  | 19.852  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 39113  | 104.816 | ug/l   | 100    |
| 30) Chloroform                | 7.68 | 83  | 96661  | 20.216  | ug/l   | 98     |
| 31) Cyclohexane               | 7.96 | 56  | 93623  | 21.067  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 94244  | 20.769  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 83538  | 21.319  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 30576  | 21.972  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 88606  | 21.164  | ug/l   | 97     |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

Manual Integrations  
 APPROVED

apatel  
 11/12/2018 3:41:13 PM

Quant Time: Nov 12 05:00:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 00:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 101445   | 20.334  | ug/l   | 100      |
| 40) Benzene                    | 8.33  | 78   | 226067   | 20.431  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 17183    | 21.284  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 63475    | 21.075  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 56376    | 21.611  | ug/l   | 99       |
| 44) Trichloroethene            | 9.10  | 130  | 71357    | 20.975  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 55815    | 21.478  | ug/l   | 97       |
| 46) Dibromomethane             | 9.46  | 93   | 29249    | 20.047  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 74672    | 21.092  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 26201    | 21.326  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 8300     | 379.988 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 140791   | 105.047 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 158189   | 20.335  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 71145    | 20.724  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 86900    | 21.350  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 45587    | 21.210  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 49143    | 20.705  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 72807    | 21.190  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 131795   | 111.501 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 97349    | 107.176 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 53730    | 20.797  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 43555    | 21.063  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 64689    | 19.894  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.66 | 112  | 183439   | 20.239  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 59574    | 20.518  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 307429   | 20.162  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.85 | 106  | 249654   | 40.141  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 117043   | 20.441  | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 188092   | 20.210  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 32256    | 20.055  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 315435   | 20.330  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 52462    | 20.744  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 48350    | 20.916  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 38121m   | 21.677  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 82344    | 20.525  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 375267   | 20.355  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 211200   | 20.336  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 272900   | 20.300  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 13606    | 20.571  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 228778   | 20.611  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 236280   | 20.340  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 282820   | 20.533  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 339686   | 20.432  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 309433   | 20.405  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 165010   | 20.245  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 164005   | 20.203  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 281040   | 20.079  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 48492    | 20.382  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 144965   | 20.331  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7658     | 20.517  | ug/l   | 99       |

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Sample : VW1109SBS01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

Manual Integrations  
APPROVED

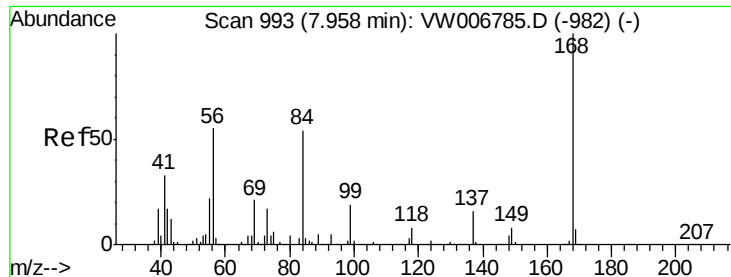
apatel  
11/12/2018 3:41:13 PM

Quant Time: Nov 12 05:00:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110918S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 12 00:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 108905   | 20.632 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 66418    | 19.994 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 166143   | 20.571 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 94569    | 20.711 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion:168 Resp: 325035

Ion Ratio Lower Upper

168 100

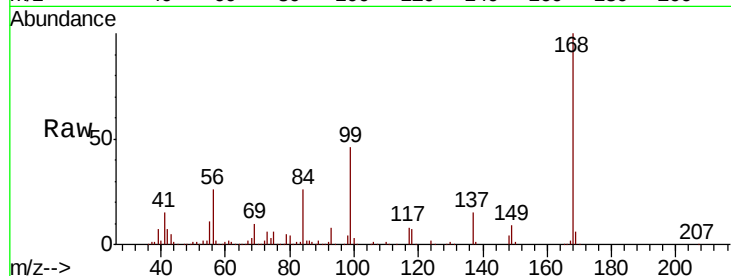
99 46.2 36.8 55.2

Manual Integrations

APPROVED

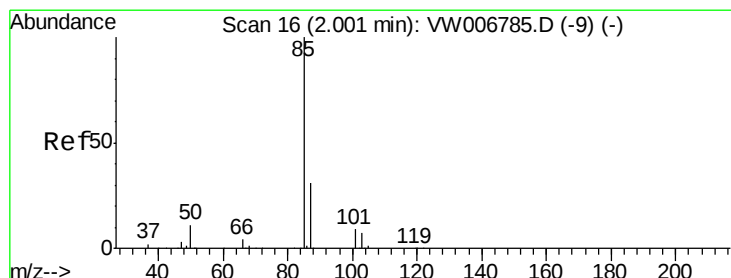
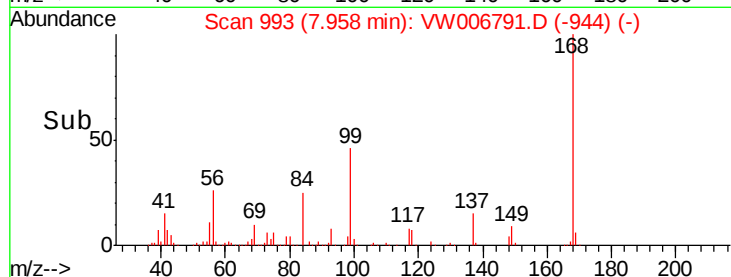
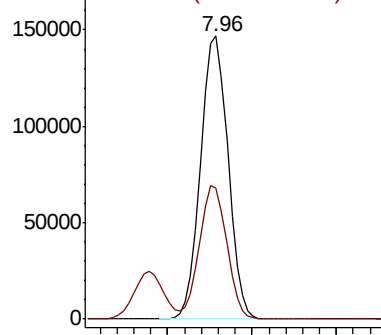
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.929 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006791.D

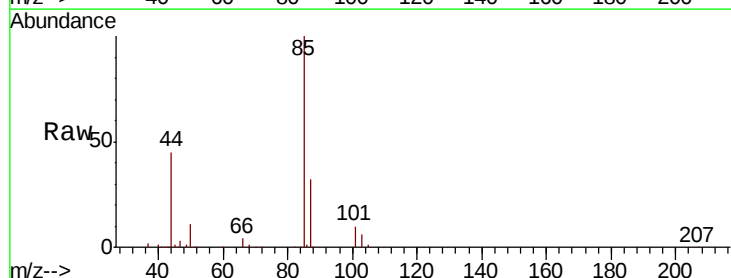
Acq: 09 Nov 2018 17:41

Tgt Ion: 85 Resp: 57951

Ion Ratio Lower Upper

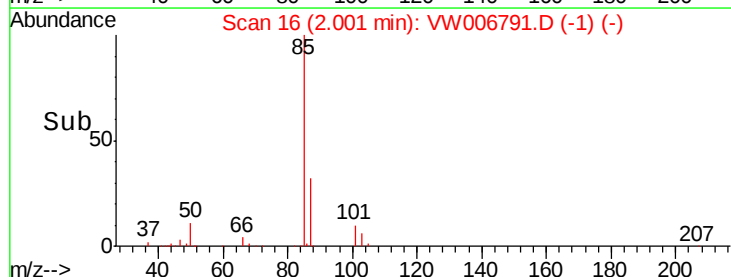
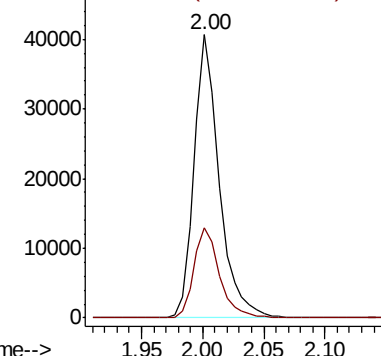
85 100

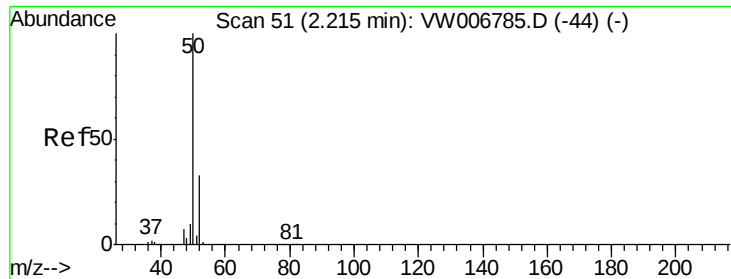
87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.830 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 50 Resp: 66086

Ion Ratio Lower Upper

50 100

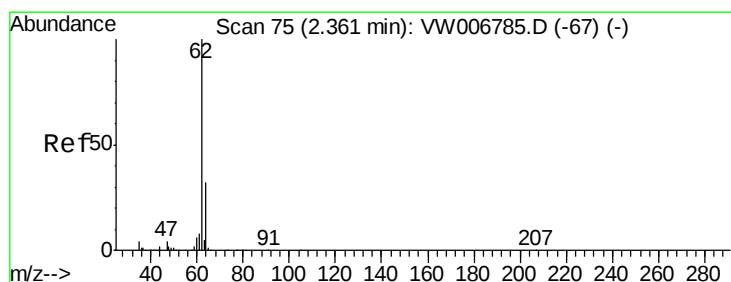
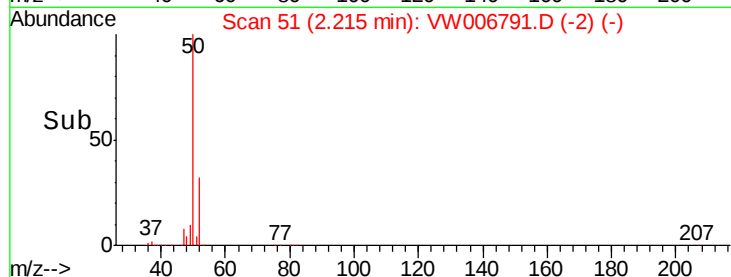
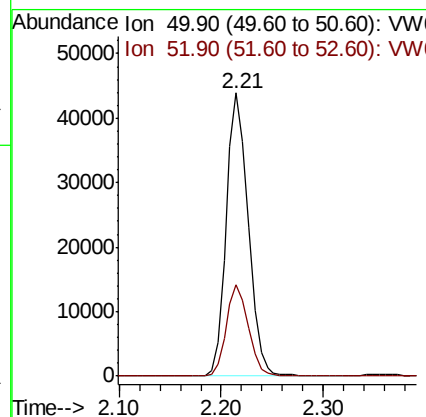
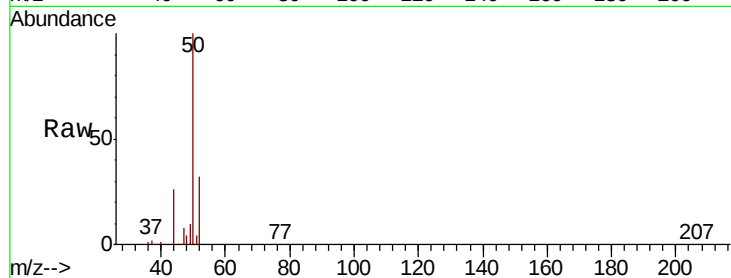
52 32.4 26.2 39.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 20.345 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006791.D

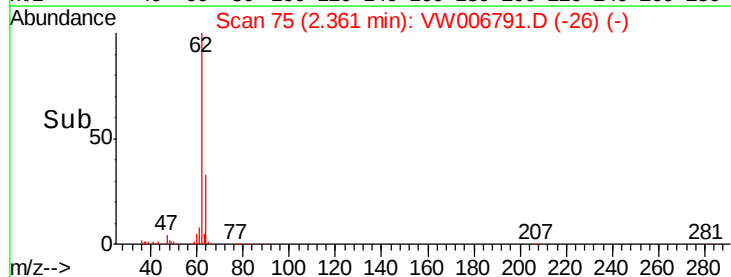
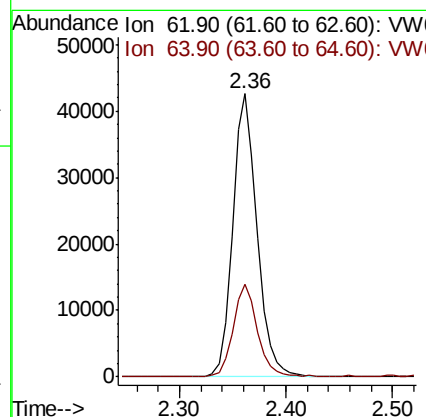
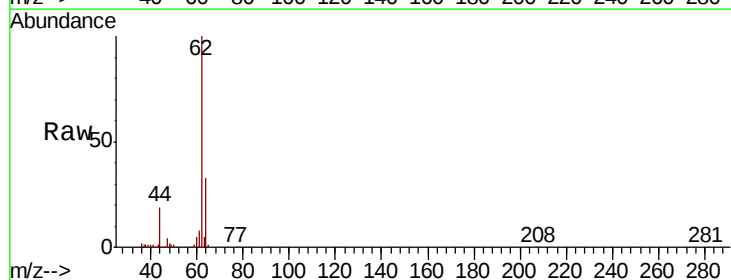
Acq: 09 Nov 2018 17:41

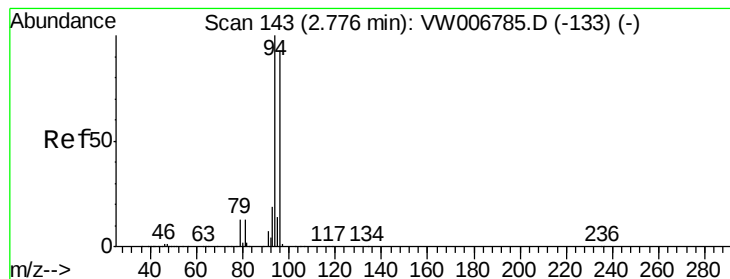
Tgt Ion: 62 Resp: 67857

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.6





#5

Bromomethane

Concen: 18.437 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 94 Resp: 45219

Ion Ratio Lower Upper

94 100

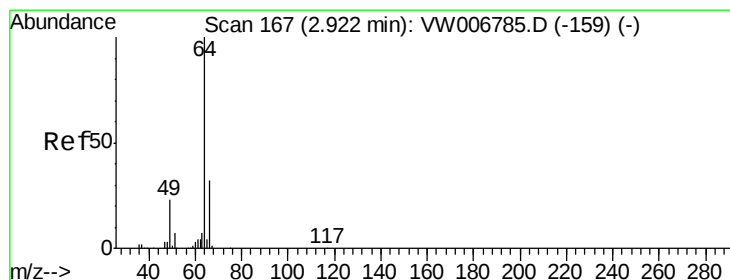
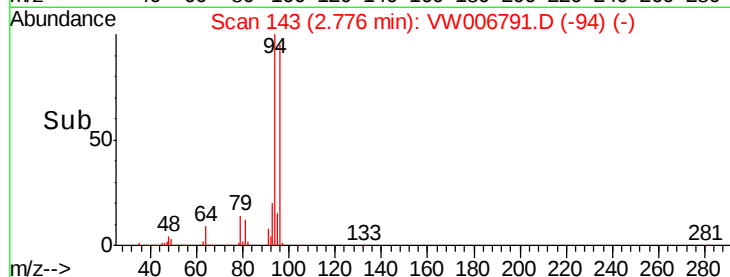
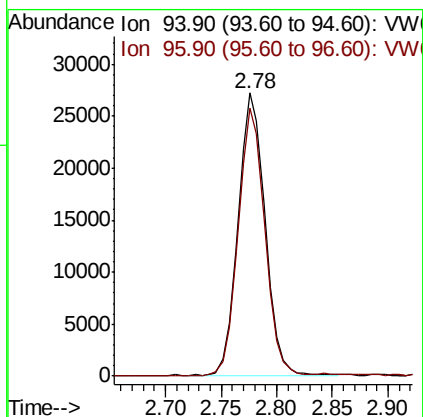
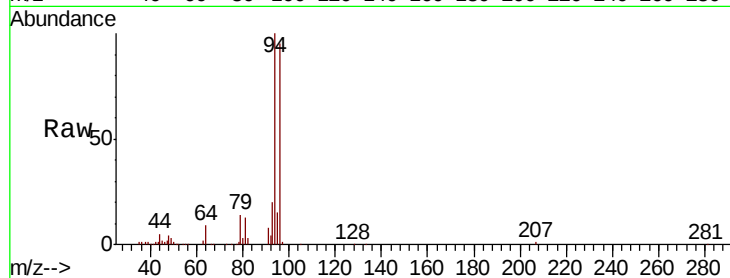
96 94.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.257 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006791.D

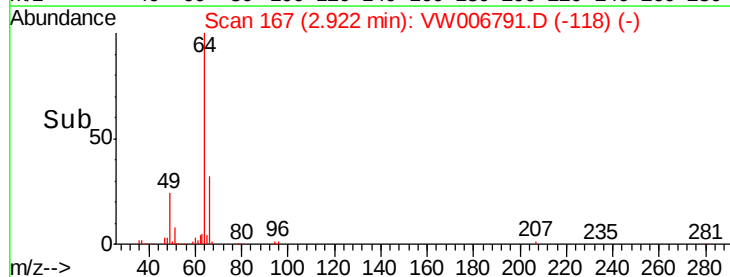
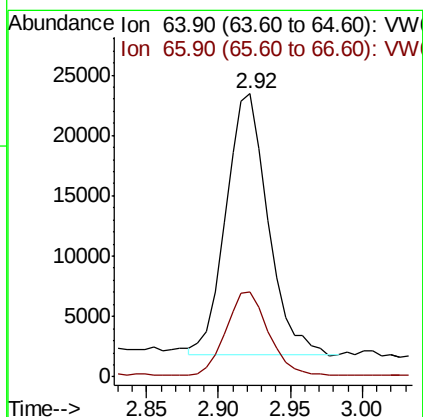
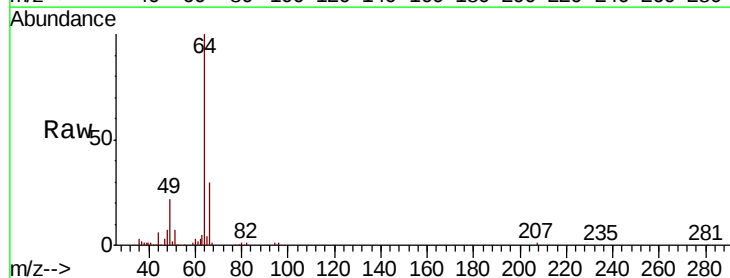
Acq: 09 Nov 2018 17:41

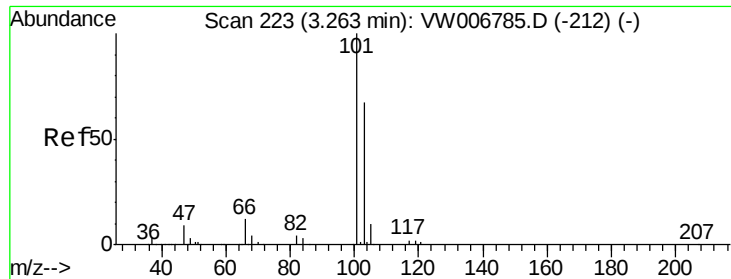
Tgt Ion: 64 Resp: 44216

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2





#7

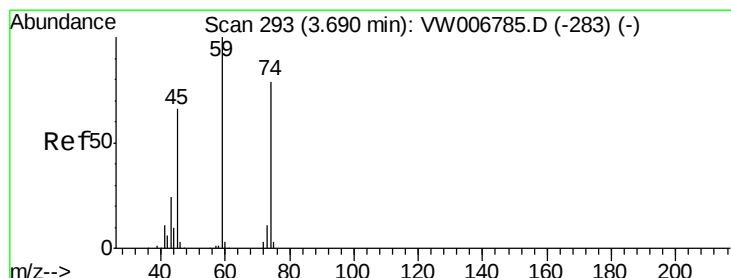
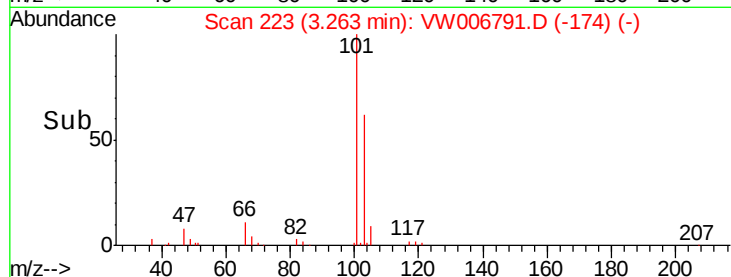
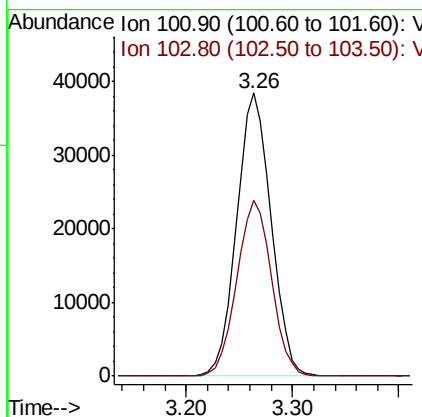
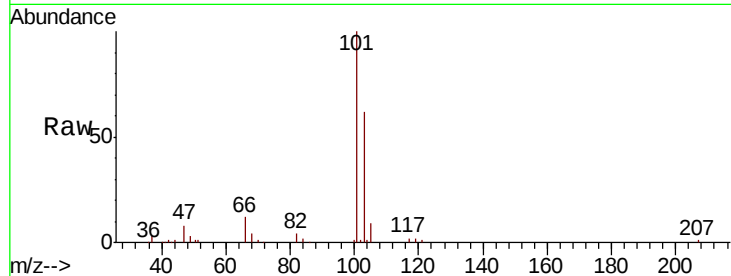
Trichlorofluoromethane  
 Concen: 20.823 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.2  | 53.4  | 80.0  |

Manual Integrations  
 APPROVED

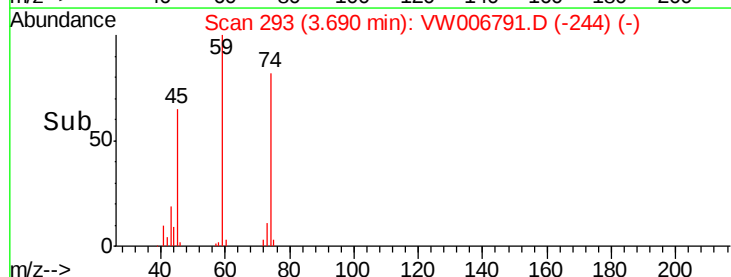
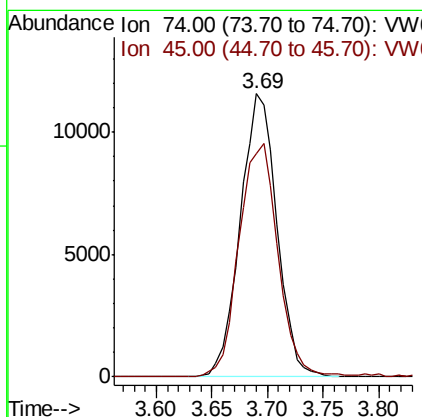
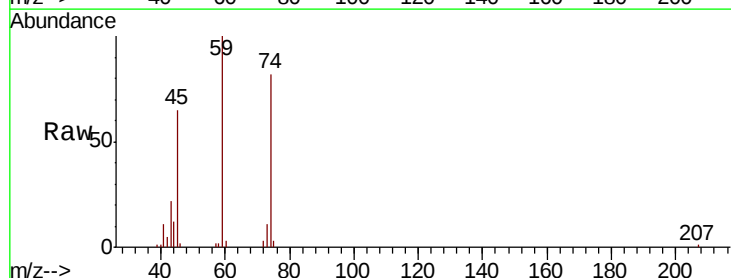
apatel  
 11/12/2018 3:41:13 PM

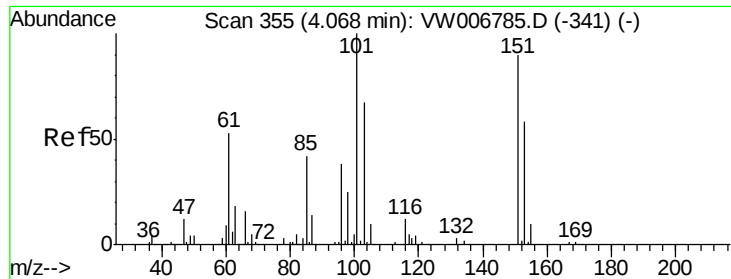


#8

Diethyl Ether  
 Concen: 21.650 ug/l  
 RT: 3.69 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 88.2  | 44.0  | 132.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.497 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

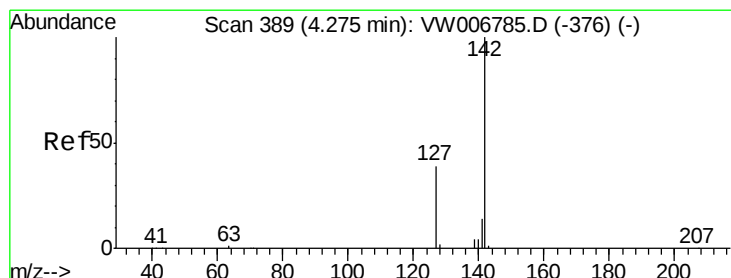
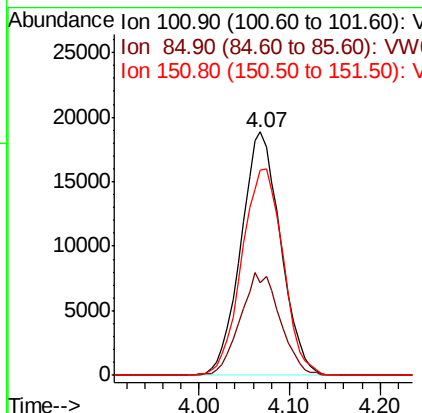
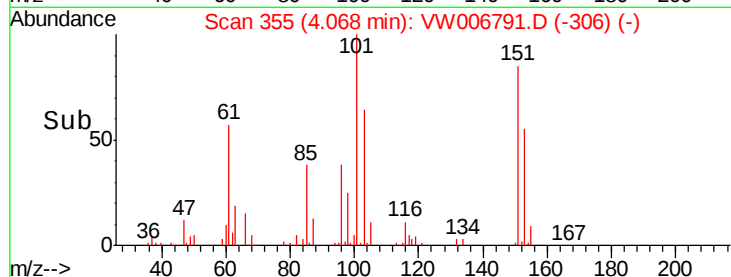
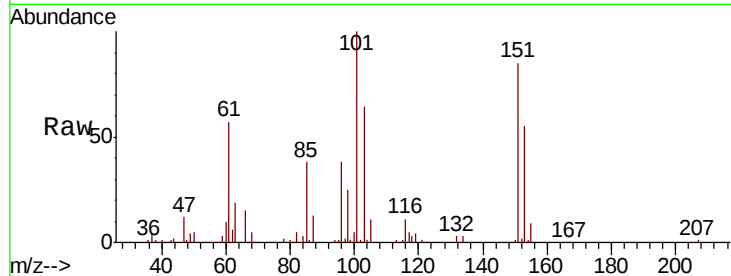
ClientSampleId :

VW1109SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 57076 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.2  | 34.0  | 51.0  |
| 151       | 88.1  | 70.7  | 106.1 |

Manual Integrations  
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apatel  
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#10

Methyl Iodide

Concen: 21.208 ug/l

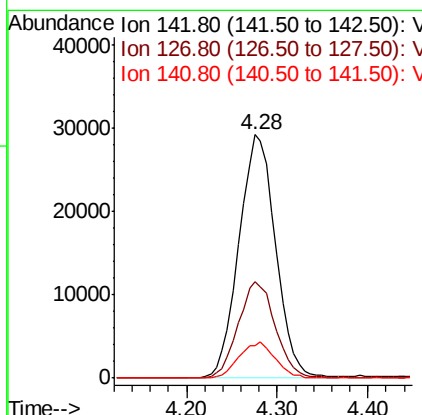
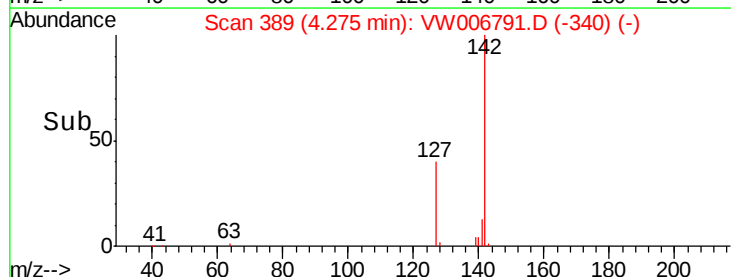
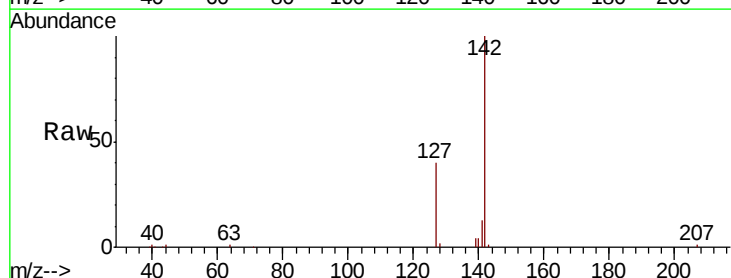
RT: 4.28 min Scan# 389

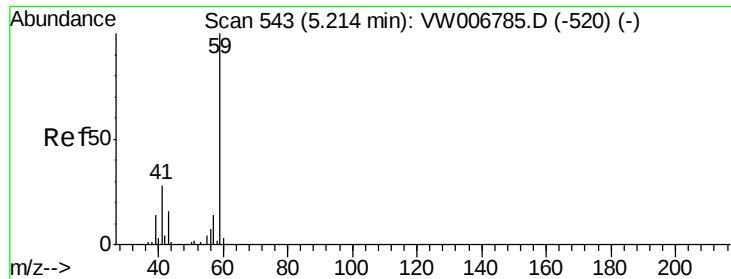
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 82045 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.8  | 32.3  | 48.5  |
| 141       | 14.5  | 11.4  | 17.0  |





#11

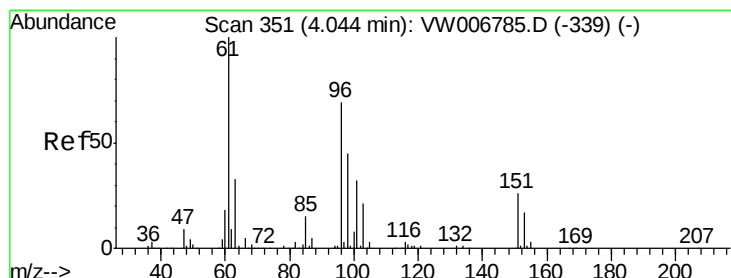
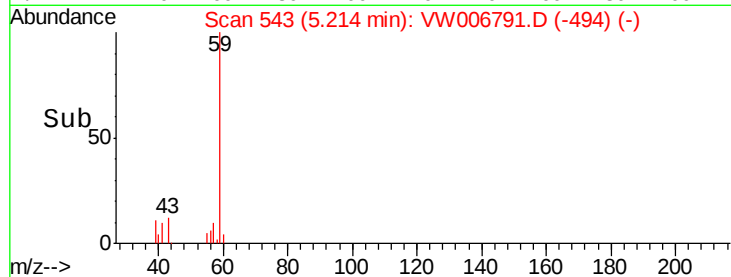
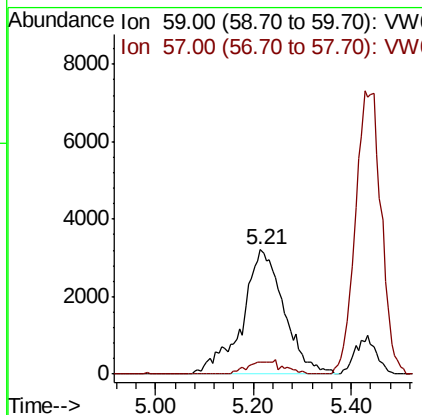
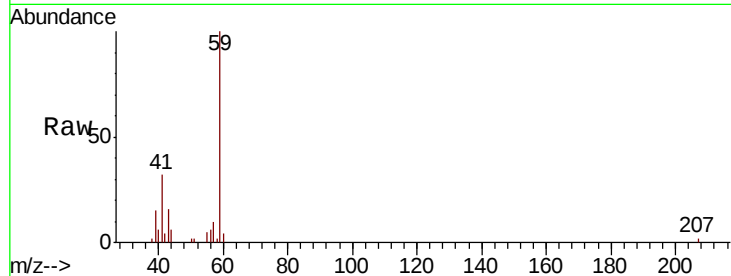
Tert butyl alcohol  
Concen: 121.337 ug/l  
RT: 5.21 min Scan# 543  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | 59 | 57 | Ratio | 100 | 4.9 | Resp: | 19024 | Lower | 8.7 | Upper | 13.1# |
|---------|----|----|-------|-----|-----|-------|-------|-------|-----|-------|-------|
|         |    |    |       |     |     |       |       |       |     |       |       |

Manual Integrations  
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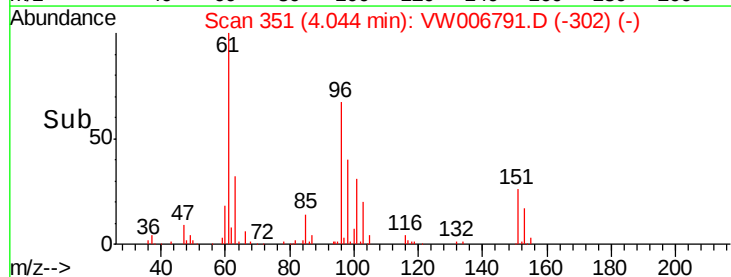
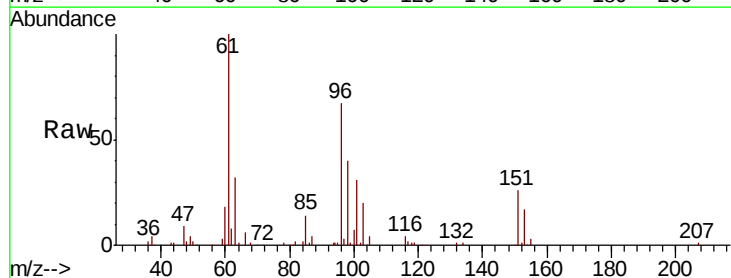
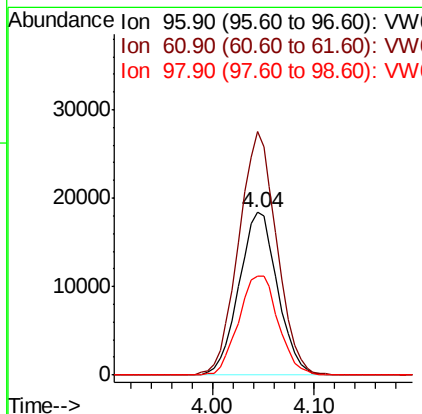
apatel  
11/12/2018 3:41:13 PM

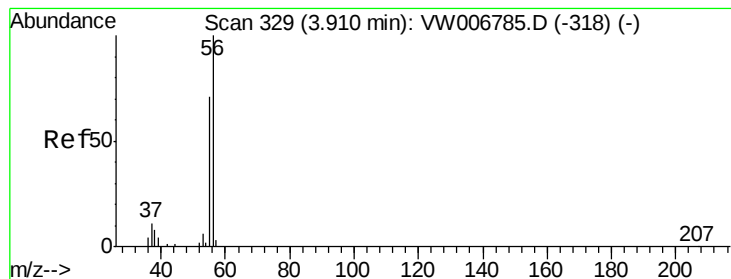


#12

1,1-Dichloroethene  
Concen: 20.817 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 149.8 | 60.5 | Resp: | 48336 | Lower | 116.0 | 52.0 | Upper | 174.0 | 78.0 |
|---------|----|----|----|-------|-----|-------|------|-------|-------|-------|-------|------|-------|-------|------|
|         |    |    |    |       |     |       |      |       |       |       |       |      |       |       |      |





#13

Acrolein

Concen: 112.842 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 56 Resp: 18426

Ion Ratio Lower Upper

56 100

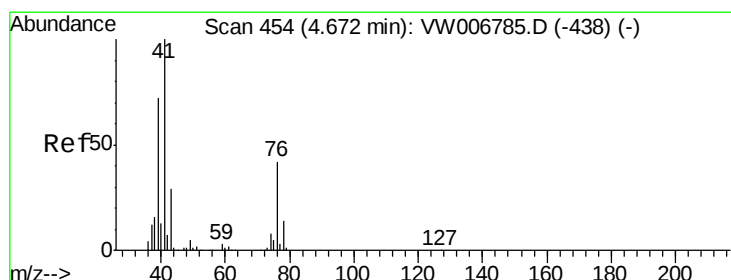
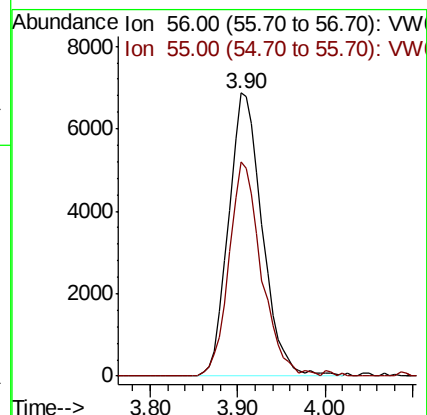
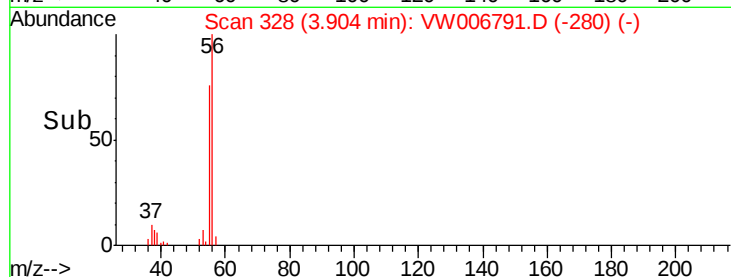
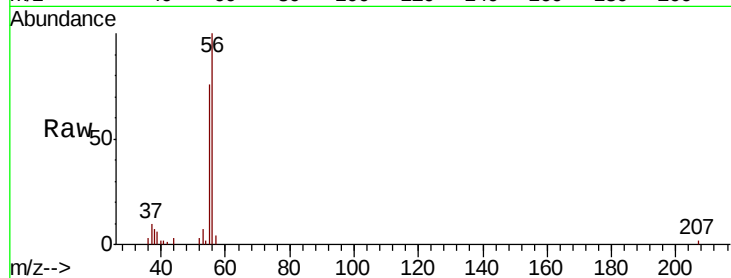
55 72.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.201 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

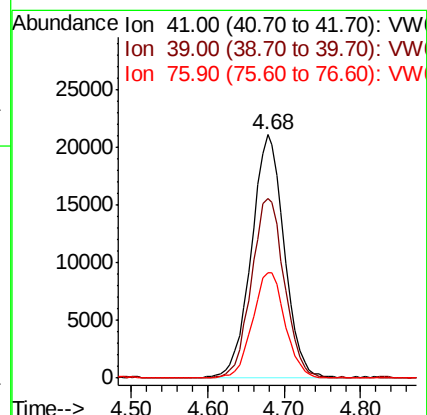
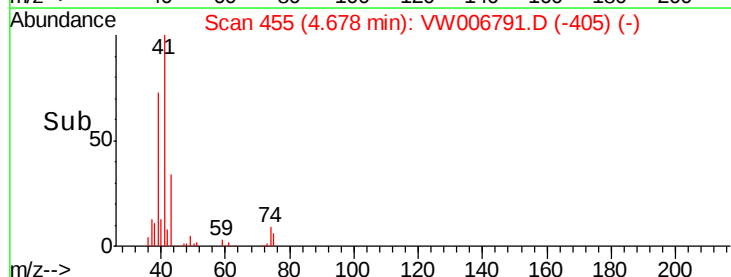
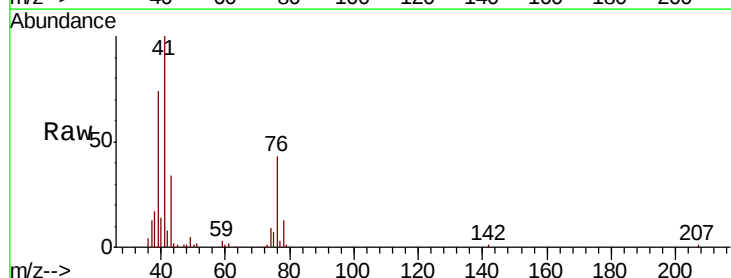
Tgt Ion: 41 Resp: 63230

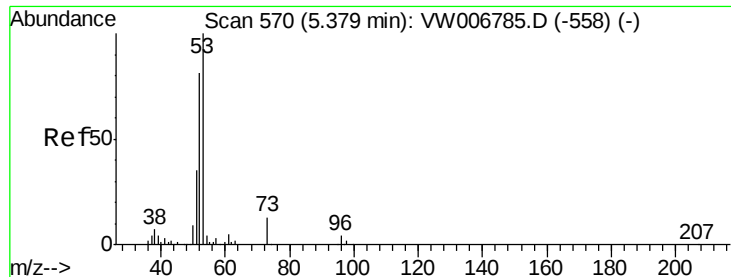
Ion Ratio Lower Upper

41 100

39 74.2 60.0 90.0

76 42.8 34.2 51.4





#15

Acrylonitrile

Concen: 104.568 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

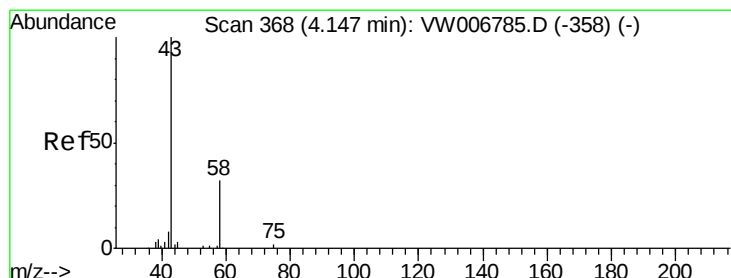
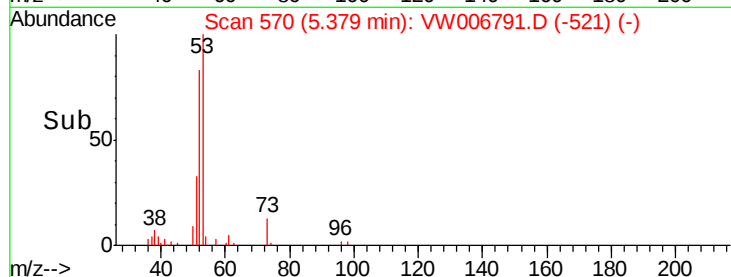
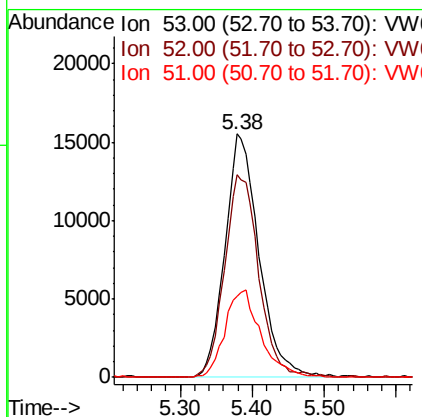
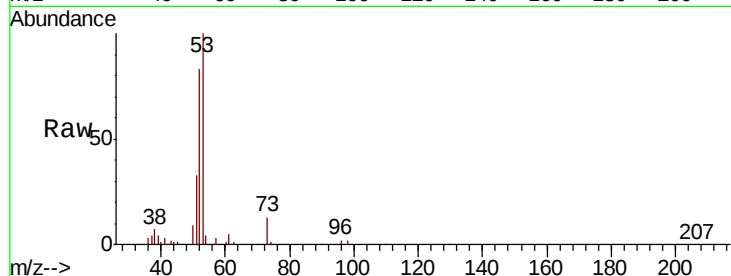
ClientSampleId :

VW1109SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 51029 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.7  | 65.2  | 97.8  |
| 51       | 37.8  | 30.2  | 45.4  |

Manual Integrations  
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#16

Acetone

Concen: 101.682 ug/l

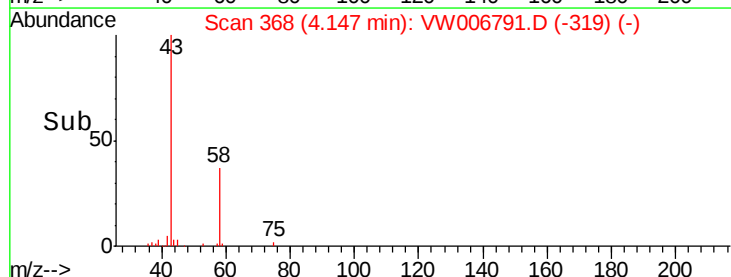
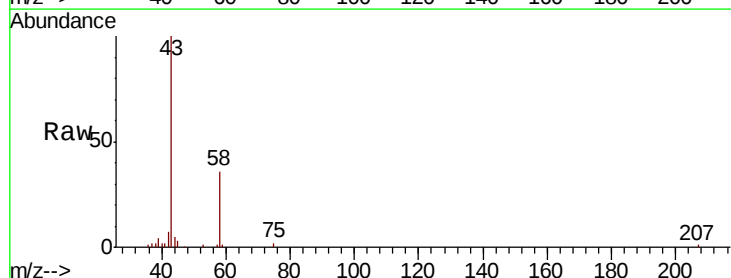
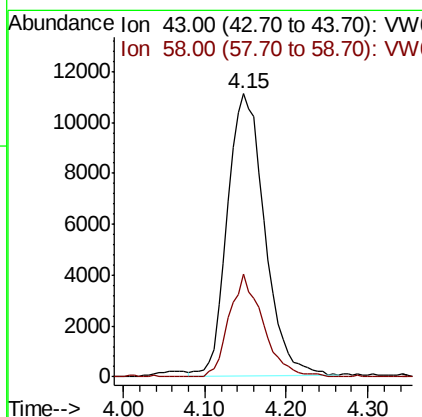
RT: 4.15 min Scan# 368

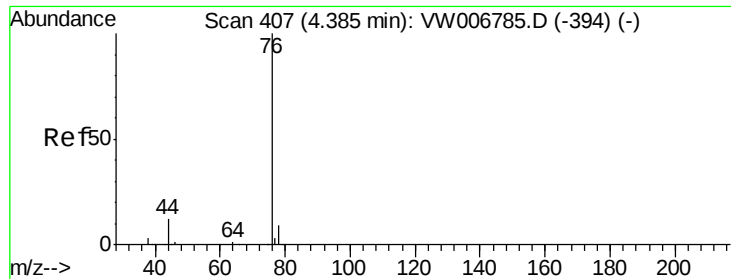
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 35062 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 36.5  | 25.4  | 38.0  |





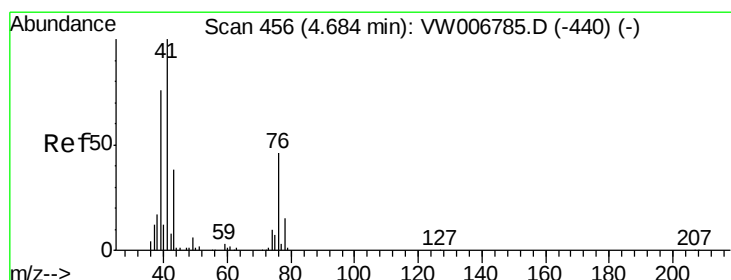
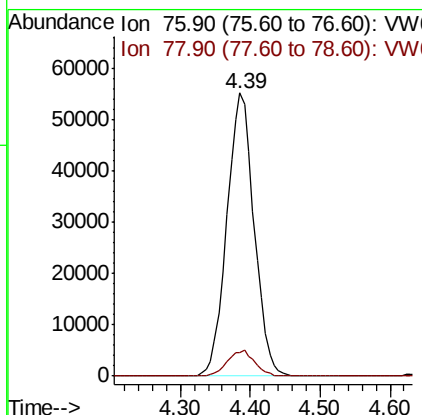
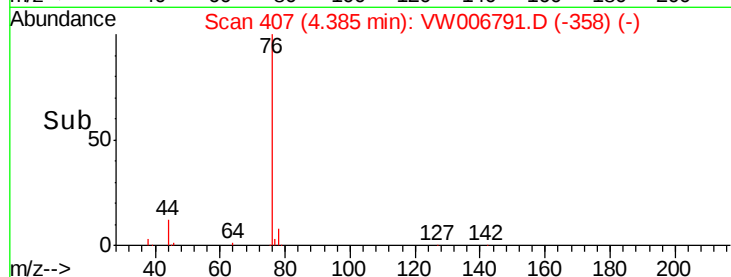
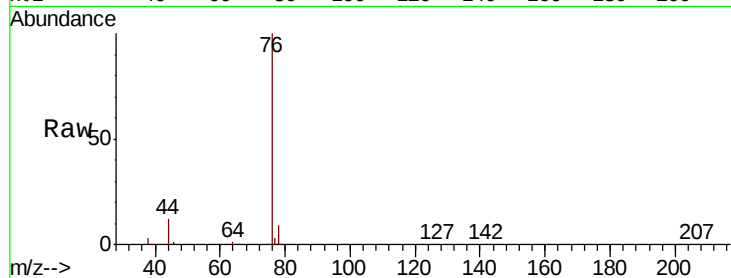
#17  
Carbon Disulfide  
Concen: 19.486 ug/l  
RT: 4.39 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion   | 76    | Resp  | 149251 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 8.5   | 7.4   | 11.0   |

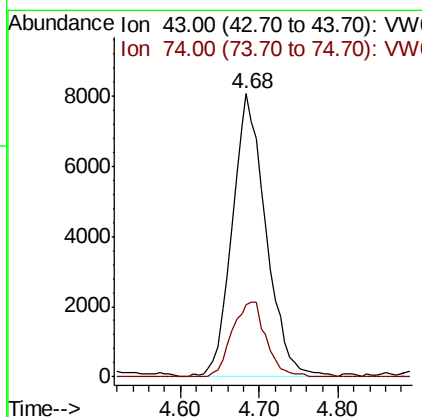
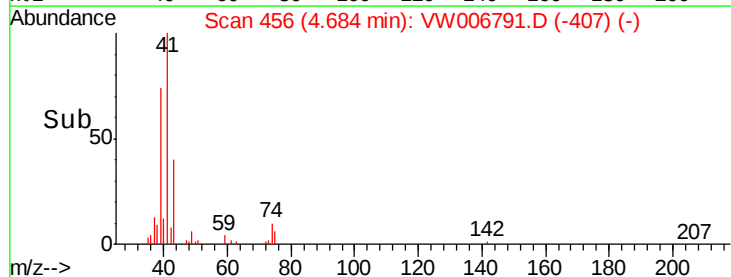
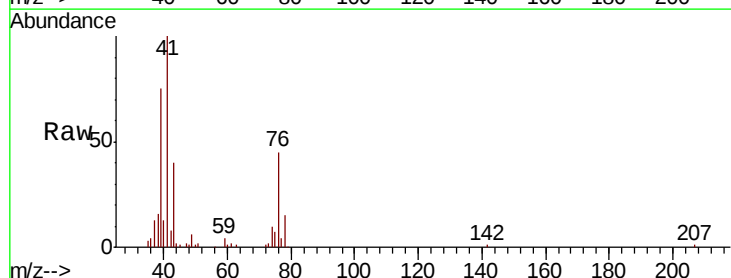
Manual Integrations  
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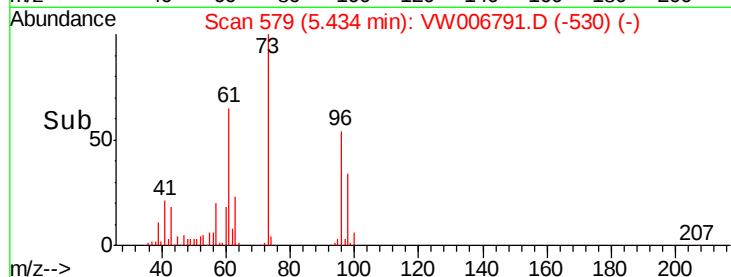
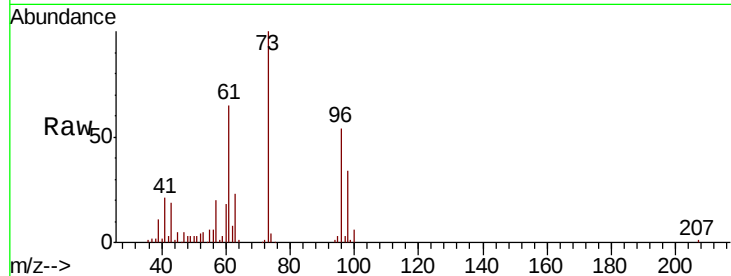
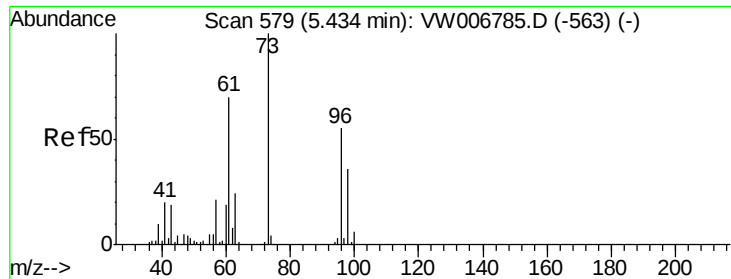
apatel  
11/12/2018 3:41:13 PM



#18  
Methyl Acetate  
Concen: 19.857 ug/l  
RT: 4.68 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion   | 43    | Resp  | 24028 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 74        | 26.5  | 21.8  | 32.8  |





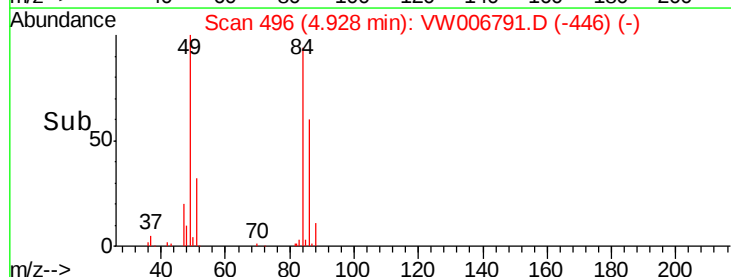
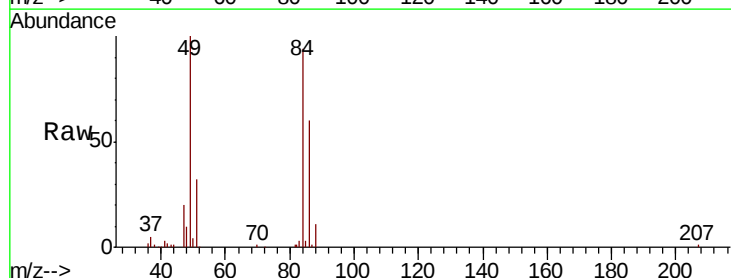
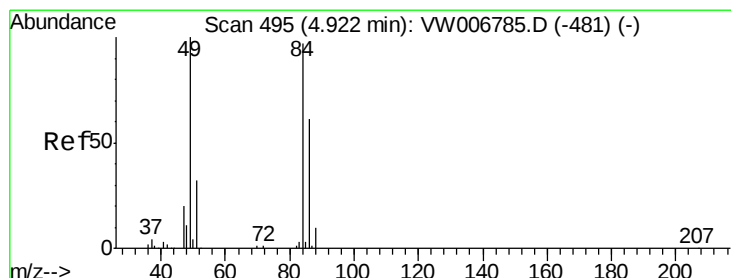
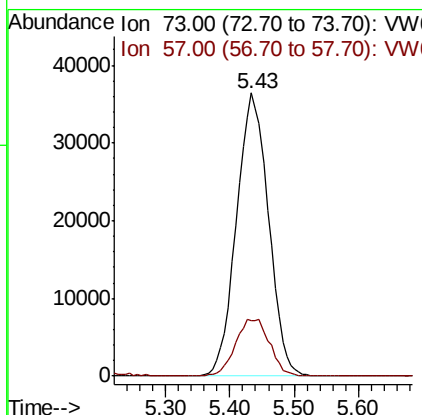
#19  
Methvl tert-butvl Ether  
Concen: 22.016 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Tot Ion: 73 Resp: 125208  
Ion Ratio Lower Upper  
73 100  
57 19.7 17.0 25.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

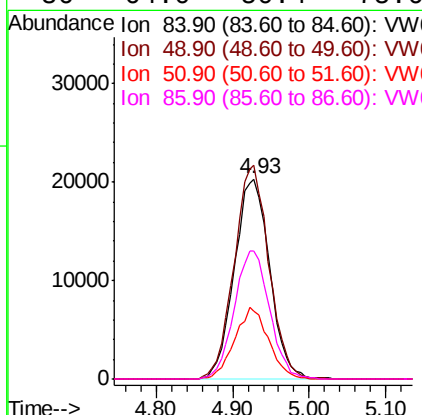
Manual Integrations  
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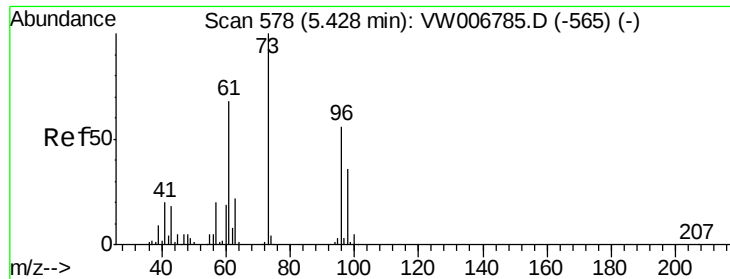
apatel  
11/12/2018 3:41:13 PM



#20  
Methylene Chloride  
Concen: 19.745 ug/l  
RT: 4.93 min Scan# 496  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Tgt Ion: 84 Resp: 65066  
Ion Ratio Lower Upper  
84 100  
49 106.9 82.4 123.6  
51 34.0 26.7 40.1  
86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.746 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 96 Resp: 57619

Ion Ratio Lower Upper

96 100

61 120.9 97.6 146.4

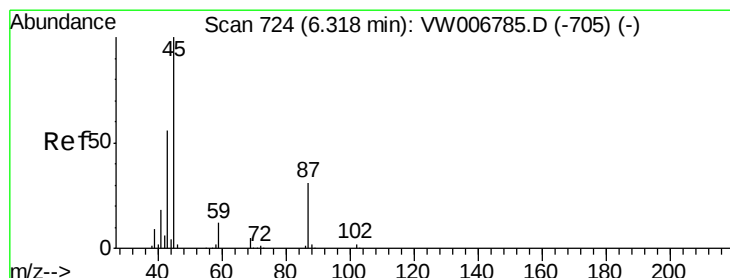
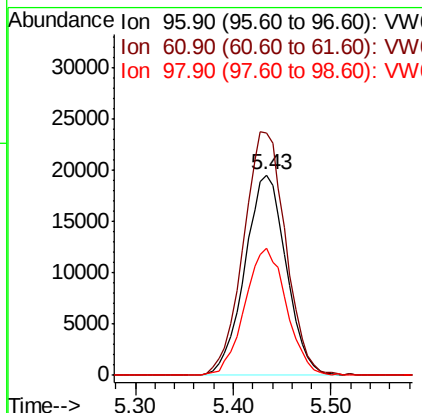
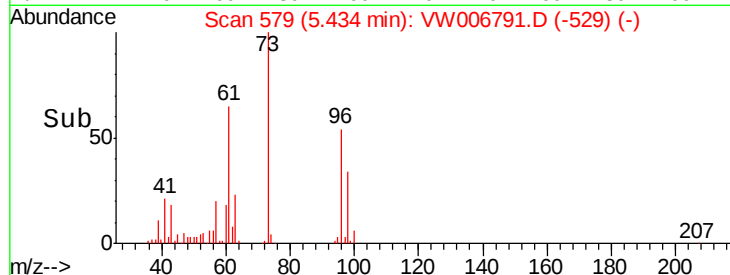
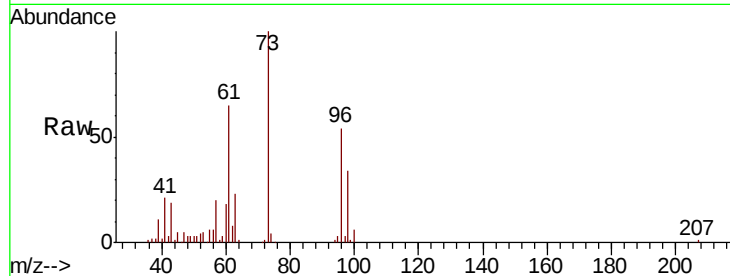
98 63.4 51.6 77.4

Manual Integrations

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apatel

11/12/2018 3:41:13 PM



#22

Diisopropyl ether

Concen: 21.308 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Tgt Ion: 45 Resp: 140556

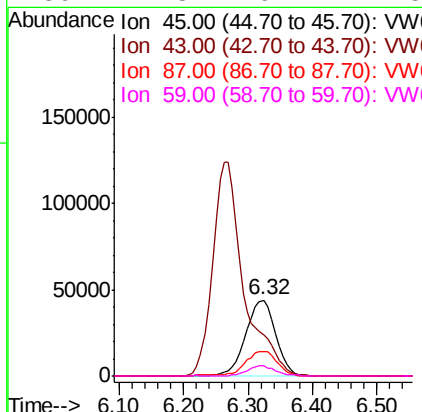
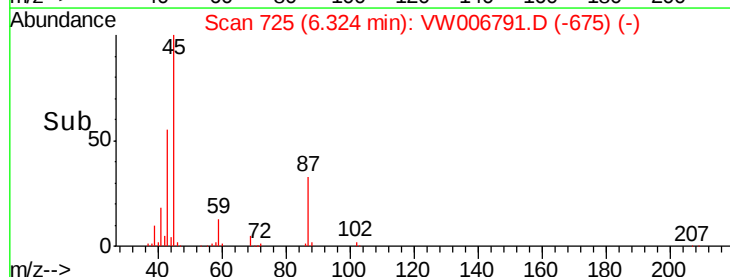
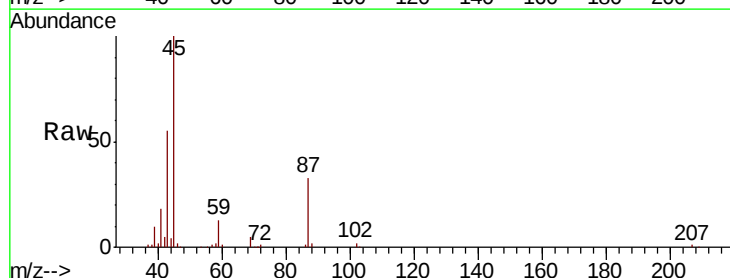
Ion Ratio Lower Upper

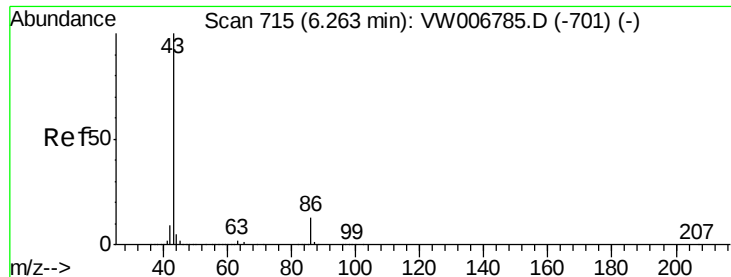
45 100

43 54.2 44.6 66.8

87 32.7 25.5 38.3

59 12.8 9.7 14.5





#23

Vinyl Acetate

Concen: 111.000 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 43 Resp: 417596

Ion Ratio Lower Upper

43 100

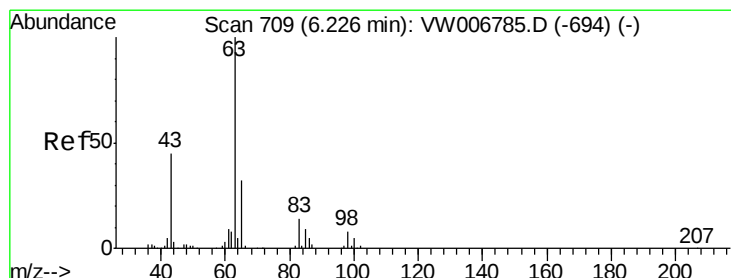
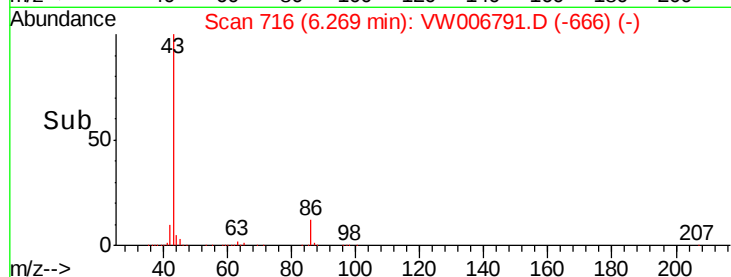
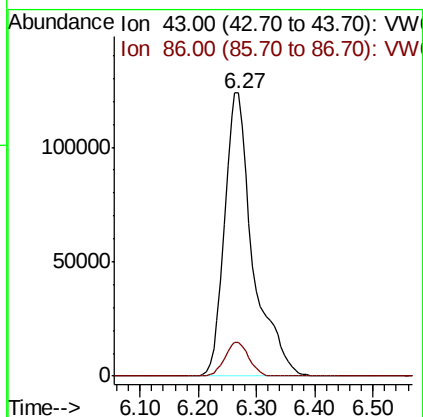
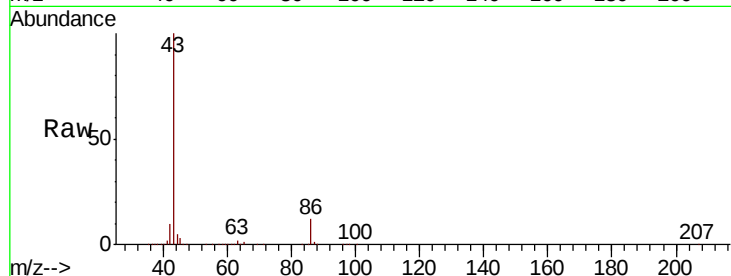
86 12.1 10.0 15.0

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#24

1,1-Dichloroethane

Concen: 20.528 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

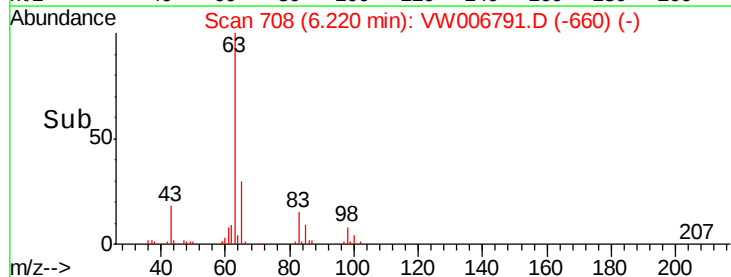
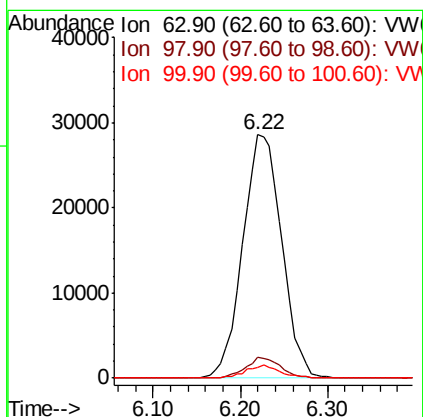
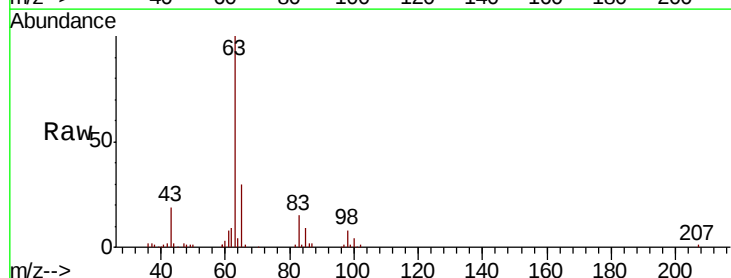
Tgt Ion: 63 Resp: 88580

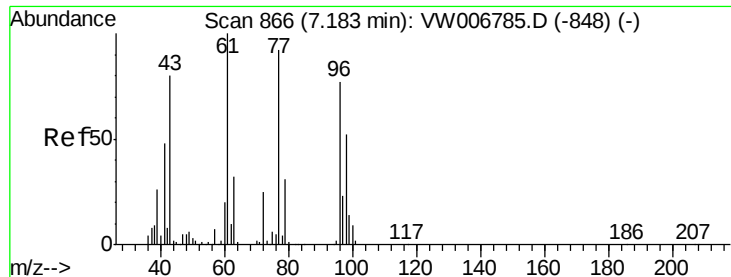
Ion Ratio Lower Upper

63 100

98 8.5 4.0 12.2

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 110.313 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 43 Resp: 62805

Ion Ratio Lower Upper

43 100

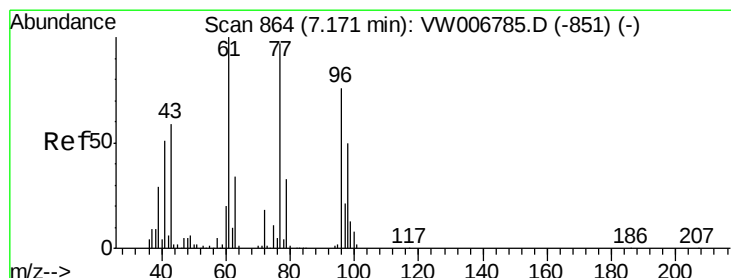
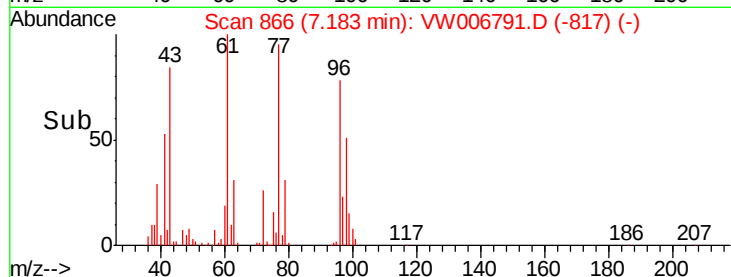
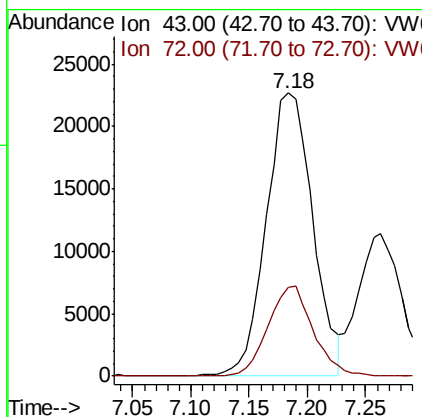
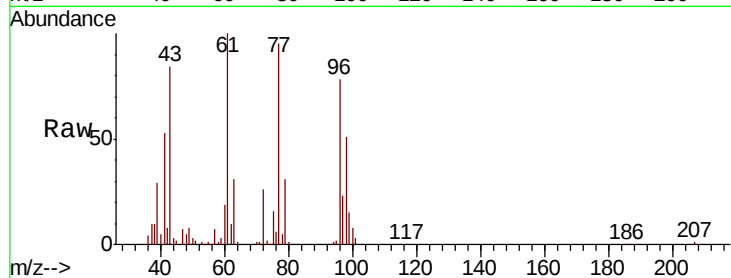
72 31.5 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 20.739 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006791.D

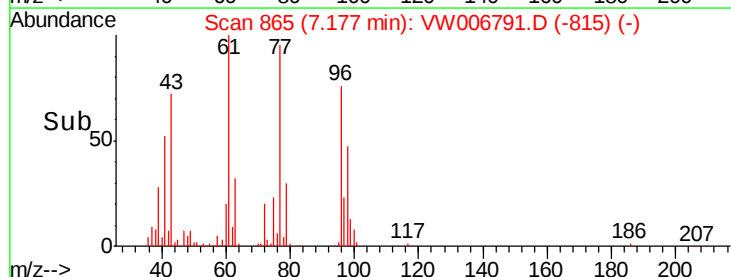
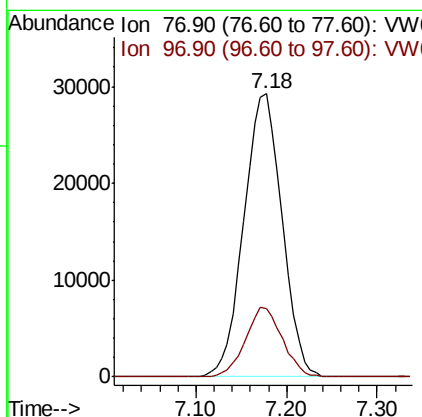
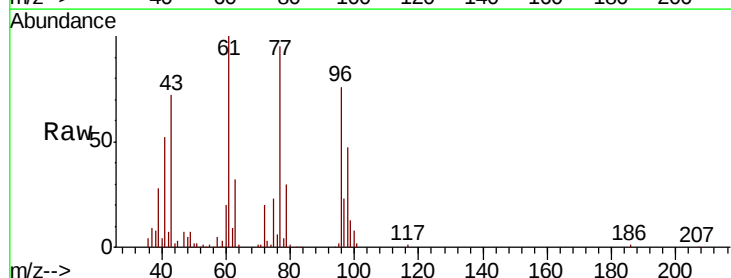
Acq: 09 Nov 2018 17:41

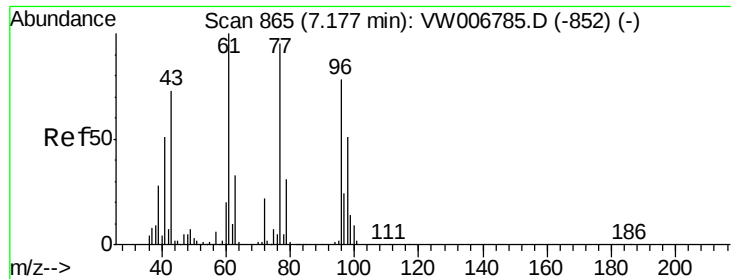
Tgt Ion: 77 Resp: 85264

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

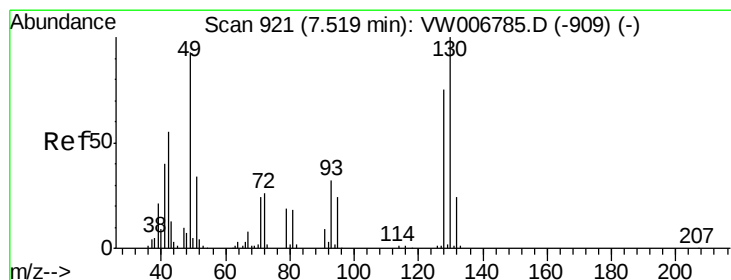
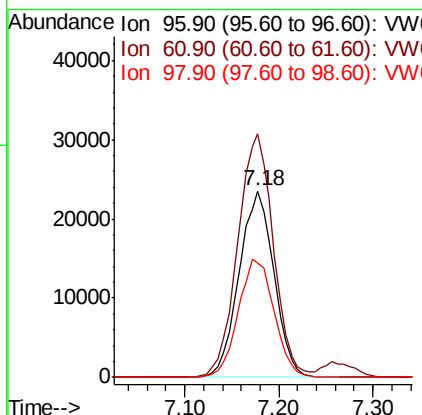
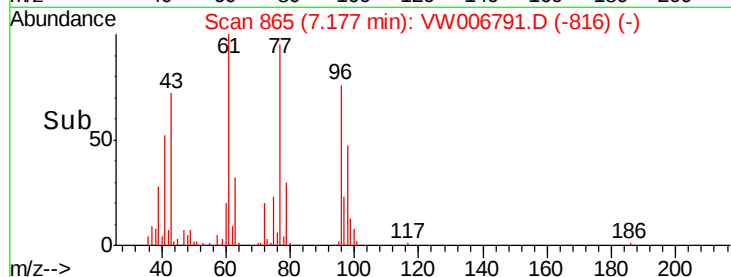
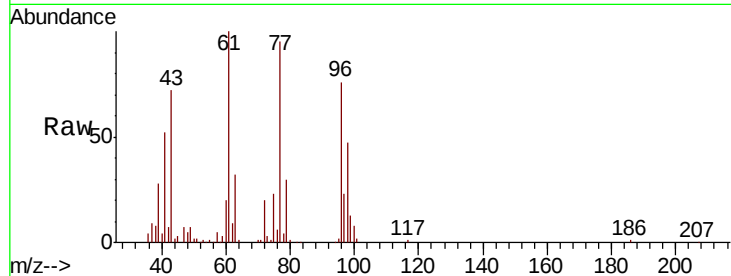
cis-1,2-Dichloroethene  
Concen: 20.483 ug/l  
RT: 7.18 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.8 | 0.0   | 264.4 |
| 98      | 65.1  | 0.0   | 130.0 |

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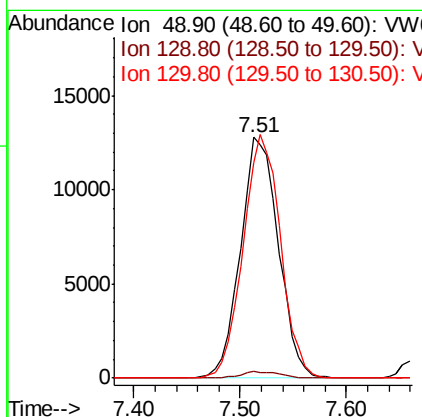
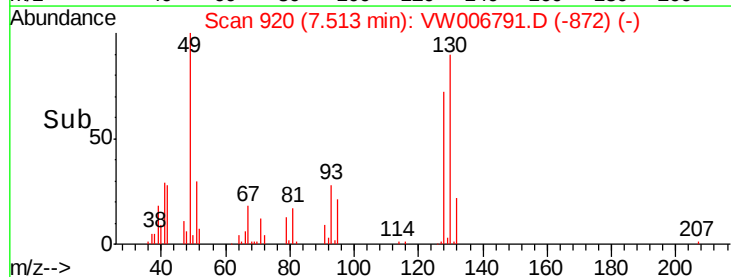
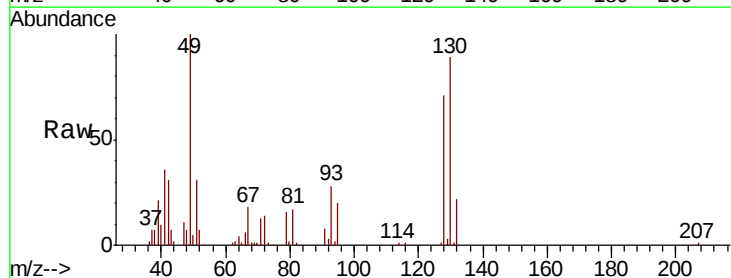
apatel  
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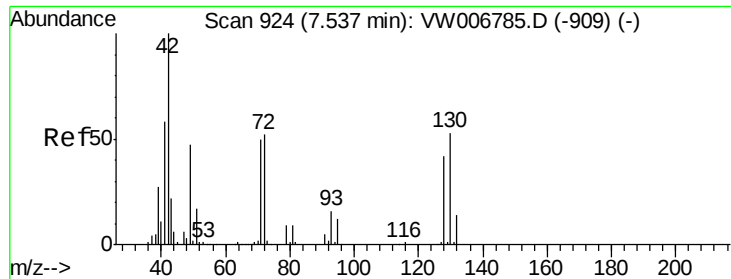


#28

Bromochloromethane  
Concen: 19.852 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 5.6   |
| 130     | 99.2  | 81.5  | 122.3 |





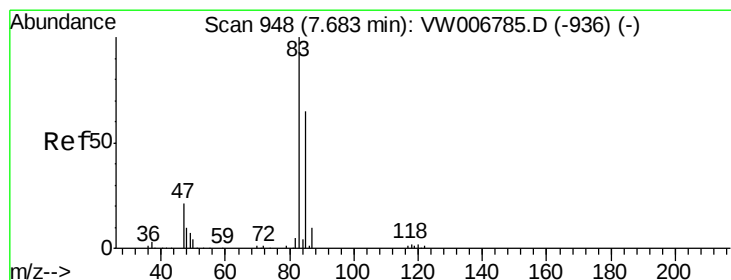
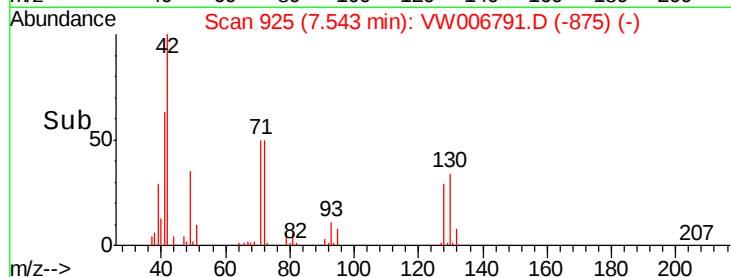
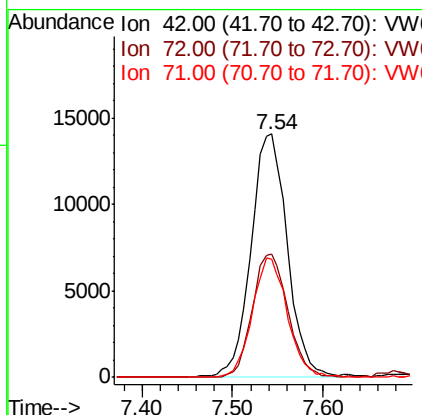
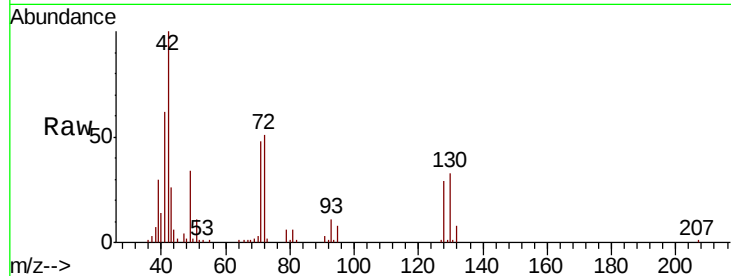
#29  
Tetrahydrofuran  
Concen: 104.816 ug/l  
RT: 7.54 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.5  | 39.8  | 59.8  |
| 71      | 47.1  | 37.8  | 56.6  |

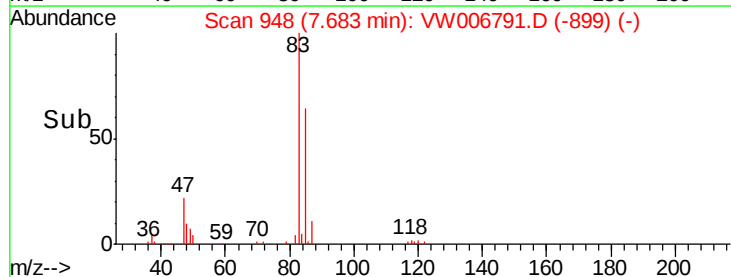
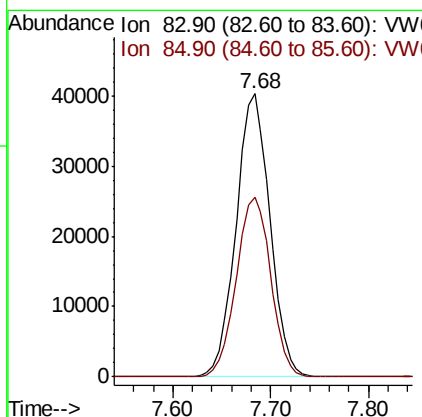
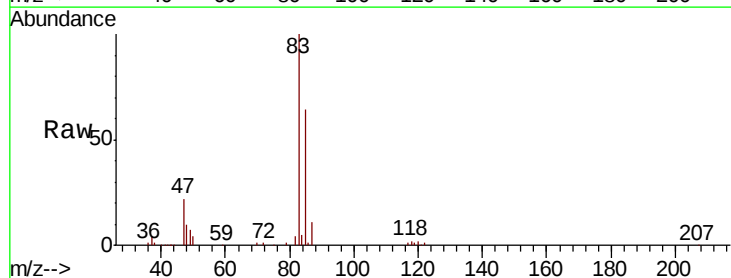
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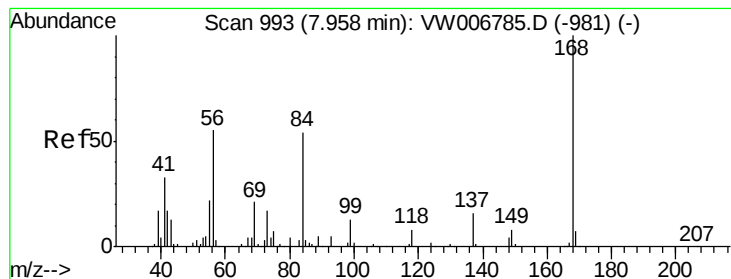
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#30  
Chloroform  
Concen: 20.216 ug/l  
RT: 7.68 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 52.1  | 78.1  |





#31

Cyclohexane

Concen: 21.067 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

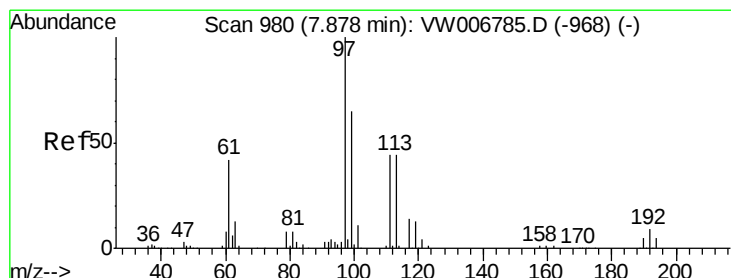
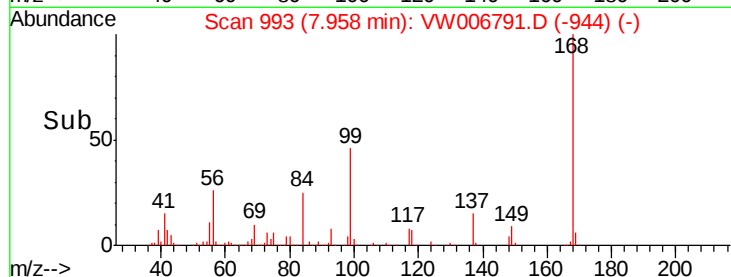
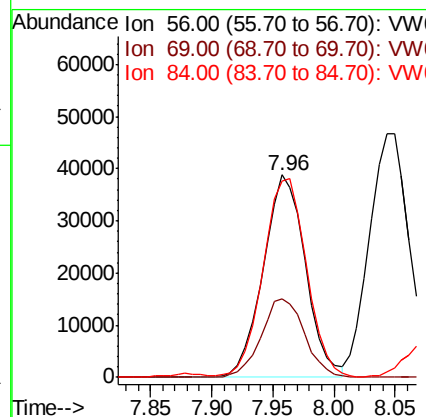
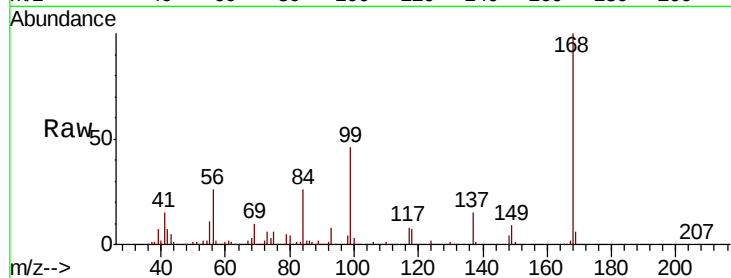
ClientSampleId :

VW1109SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 93623 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 38.5  | 30.3  | 45.5  |
| 84        | 95.6  | 78.2  | 117.2 |

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#32

1,1,1-Trichloroethane

Concen: 20.769 ug/l

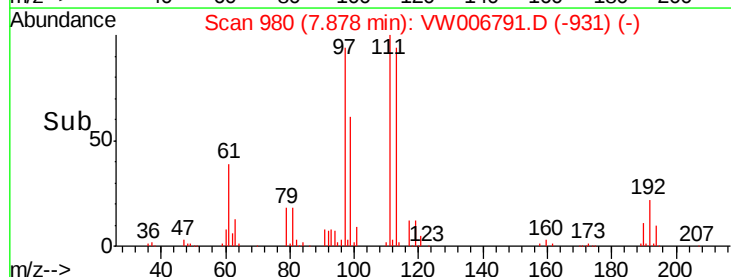
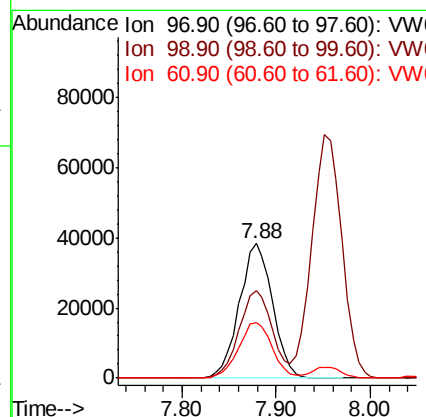
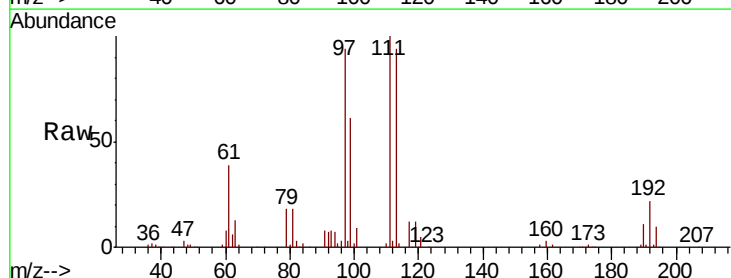
RT: 7.88 min Scan# 980

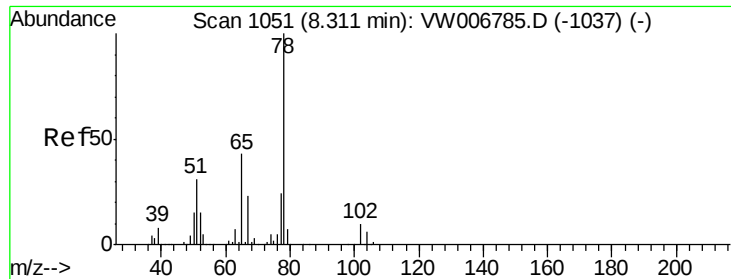
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 94244 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 65.4  | 51.4  | 77.2  |
| 61        | 41.7  | 32.7  | 49.1  |





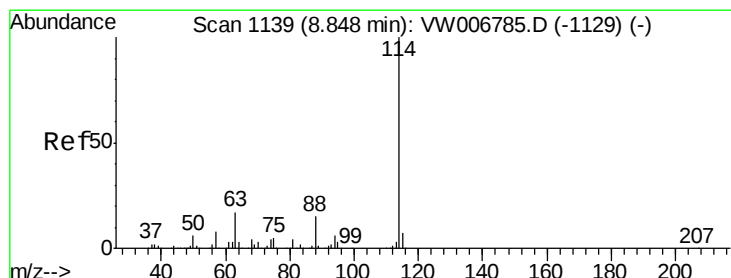
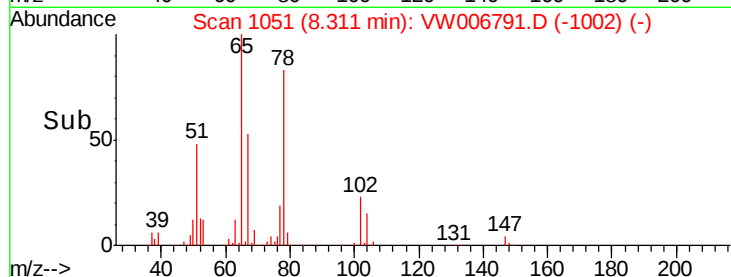
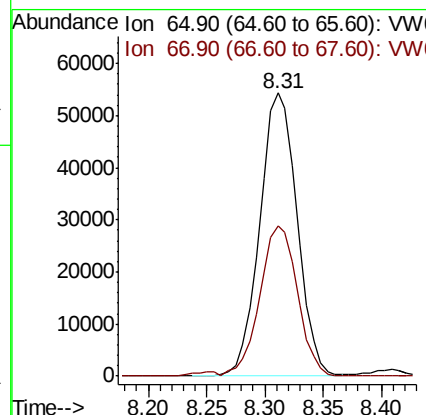
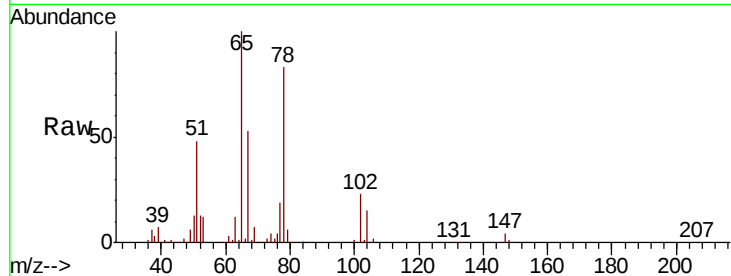
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.698 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 53.6  | 0.0  | 107.2 |       |

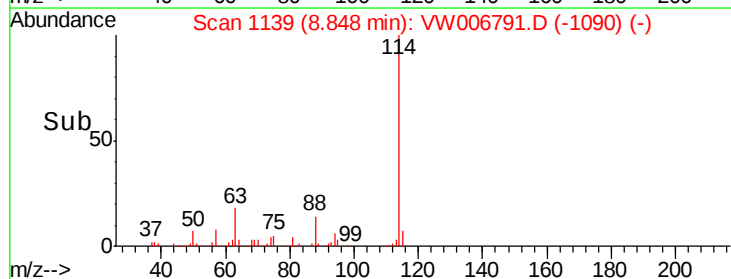
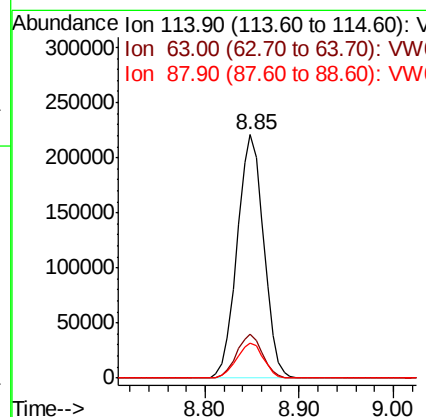
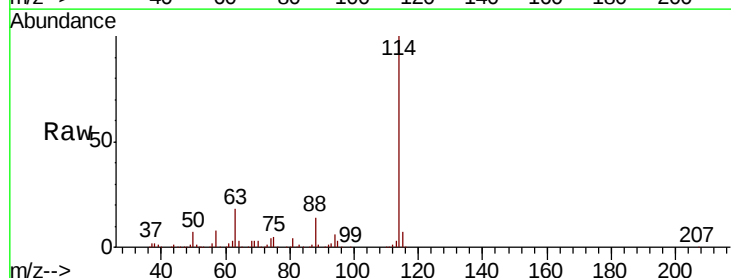
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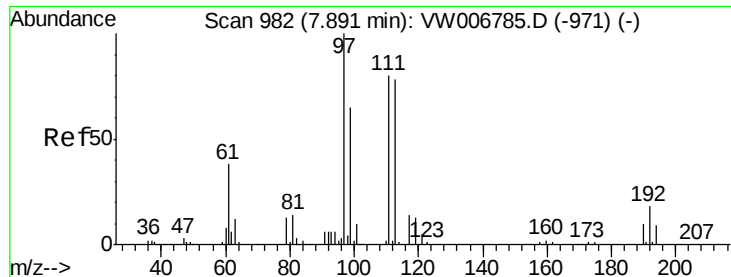
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 17.9  | 0.0  | 34.0  |       |
| 88      | 14.4  | 0.0  | 29.2  |       |





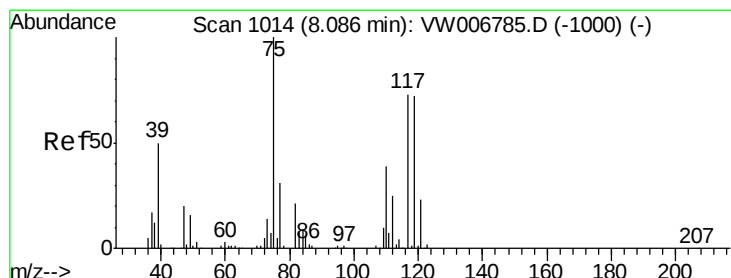
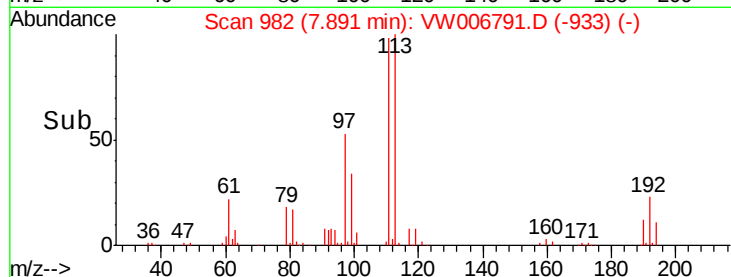
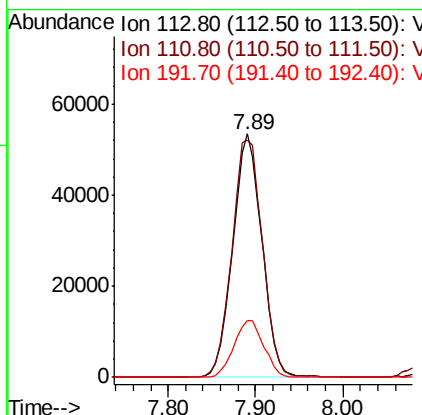
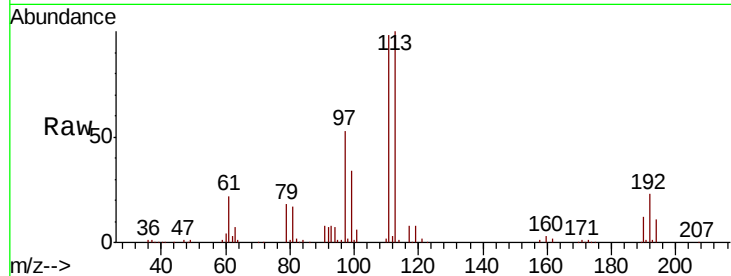
#35  
 Dibromofluoromethane  
 Concen: 50.320 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 123680 |       |       |
| 111     | 102.6 | 81.4   | 122.2 |       |
| 192     | 23.9  | 19.1   | 28.7  |       |

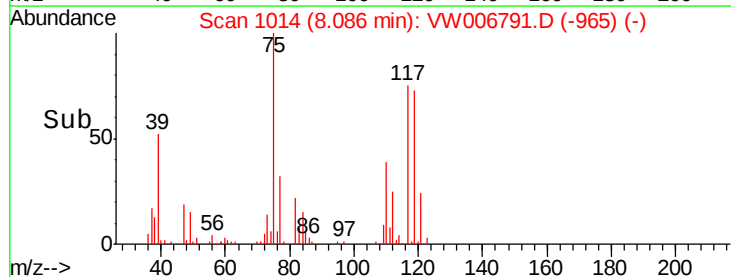
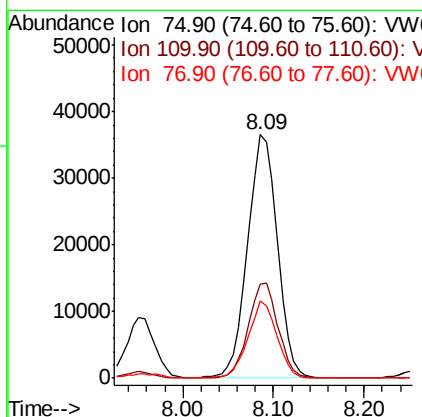
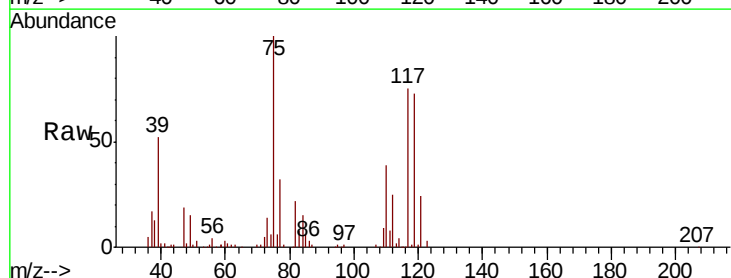
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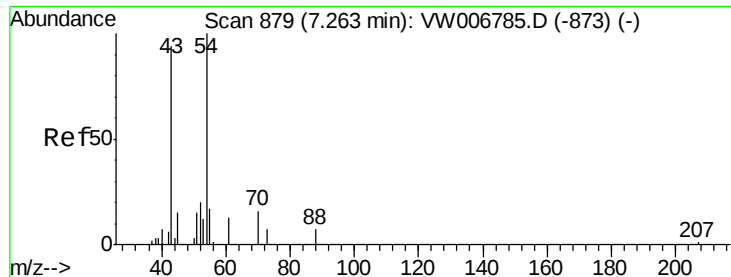
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#36  
 1,1-Dichloropropene  
 Concen: 21.319 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 83538 |       |       |
| 110     | 38.5  | 19.6  | 58.7  |       |
| 77      | 30.8  | 24.9  | 37.3  |       |





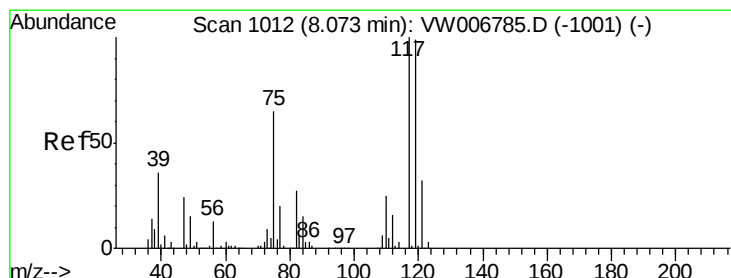
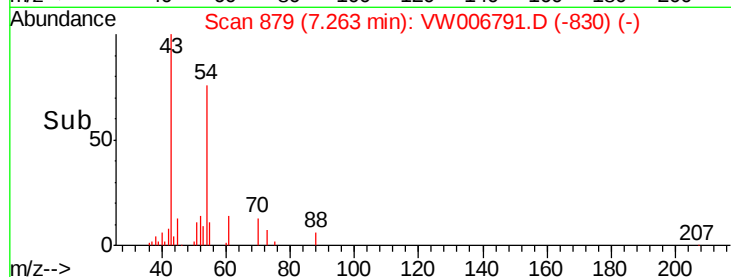
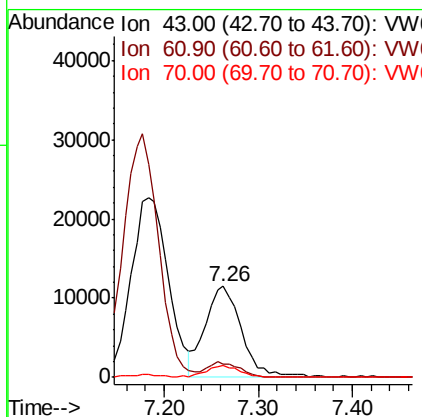
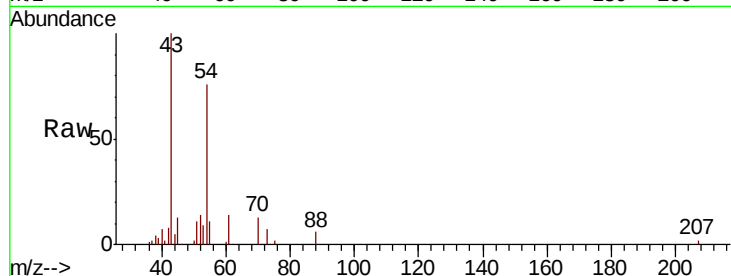
#37  
Ethyl Acetate  
Concen: 21.972 ug/l  
RT: 7.26 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.5  | 12.2  | 18.2  |
| 70      | 11.6  | 9.8   | 14.8  |

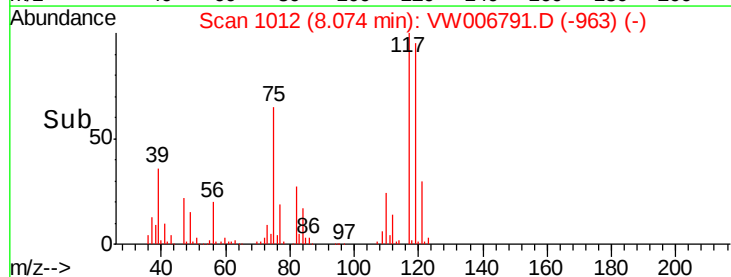
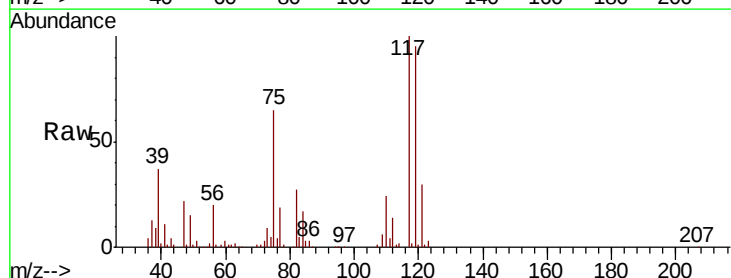
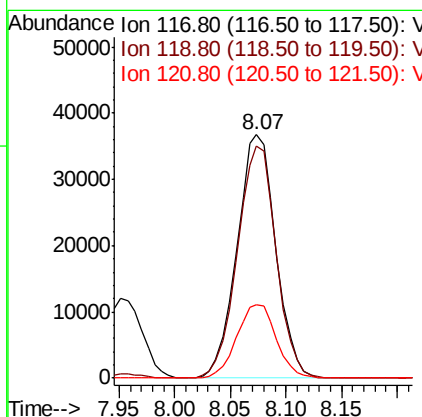
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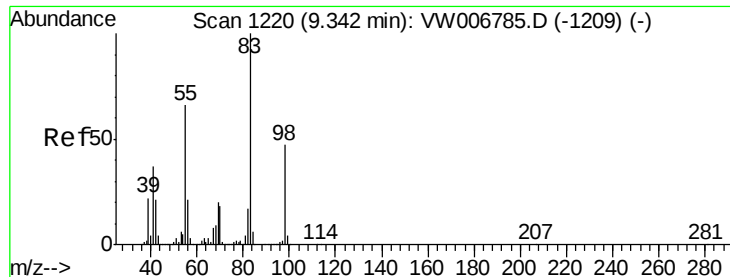
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#38  
Carbon Tetrachloride  
Concen: 21.164 ug/l  
RT: 8.07 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 78.9  | 118.3 |
| 121     | 30.0  | 25.3  | 37.9  |





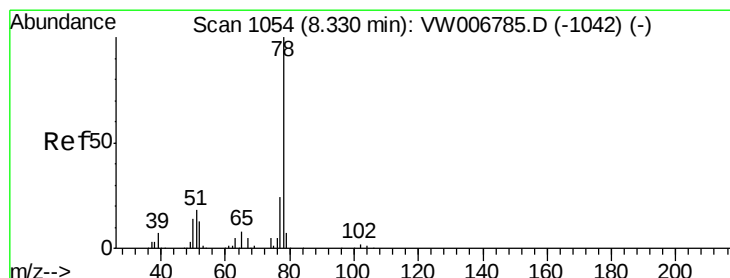
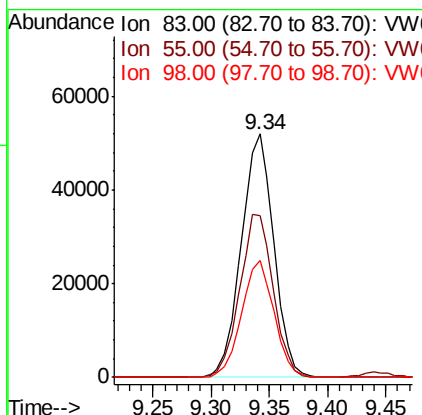
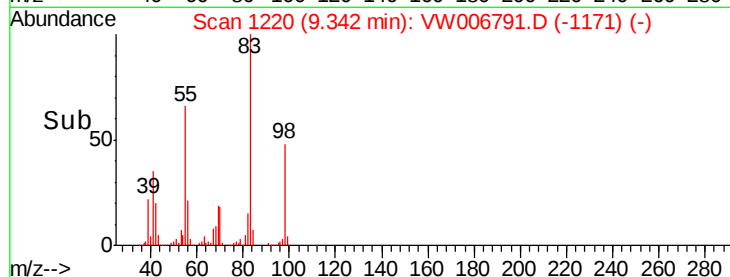
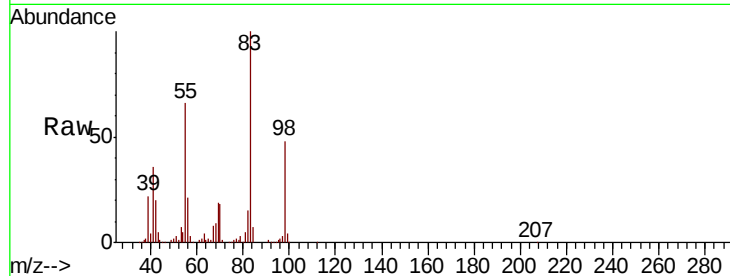
#39  
Methvlcvclohexane  
Concen: 20.334 ug/l  
RT: 9.34 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 66.3  | 53.0  | 79.4  |
| 98      | 48.0  | 37.9  | 56.9  |

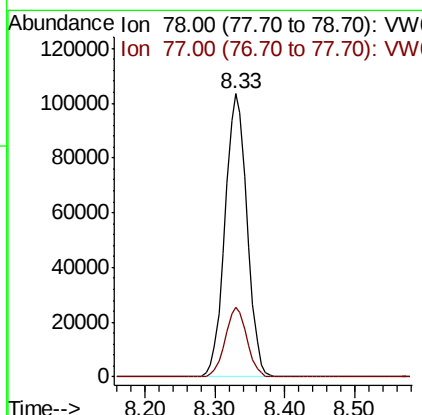
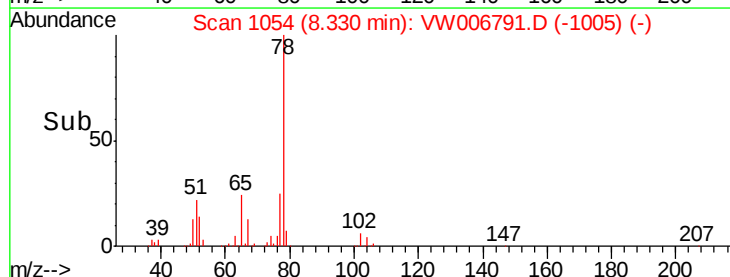
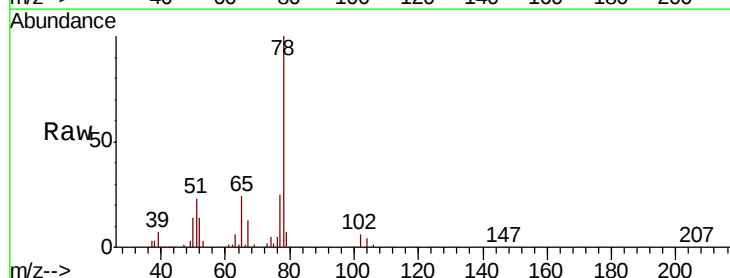
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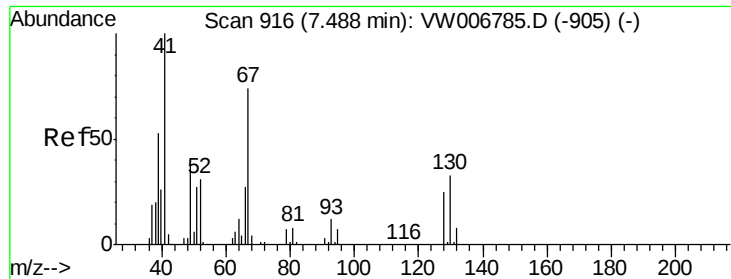
apatel  
11/12/2018 3:41:13 PM



#40  
Benzene  
Concen: 20.431 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.8  | 19.4  | 29.2  |





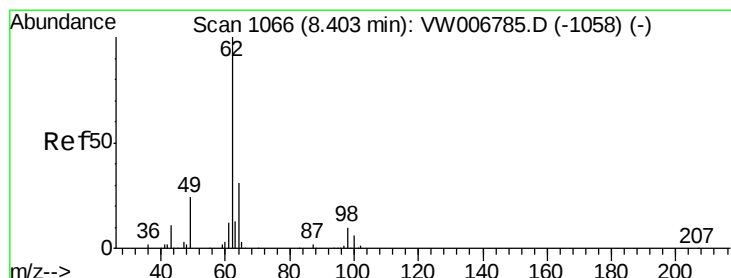
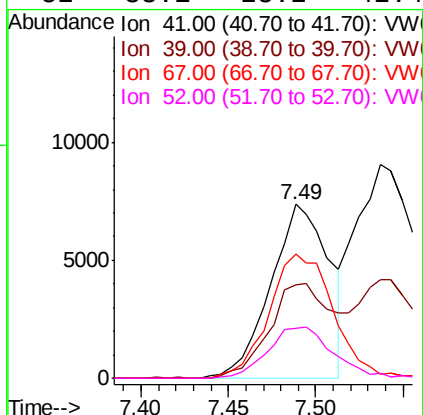
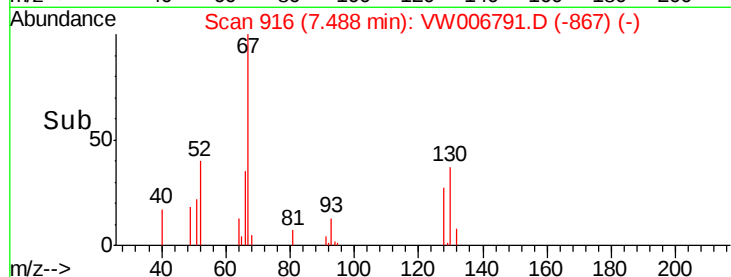
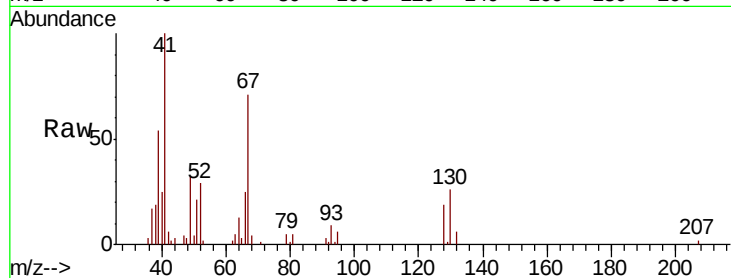
#41  
Methacrylonitrile  
Concen: 21.284 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 17183 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.7  | 49.3  | 73.9  |
| 67       | 78.8  | 69.3  | 103.9 |
| 52       | 33.1  | 28.2  | 42.4  |

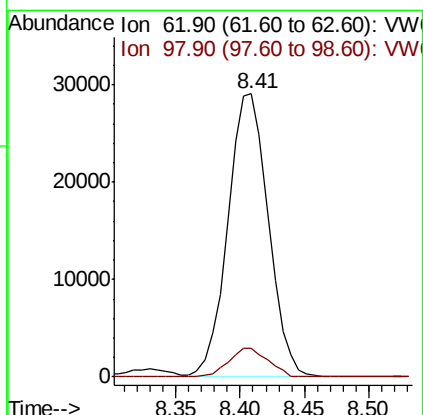
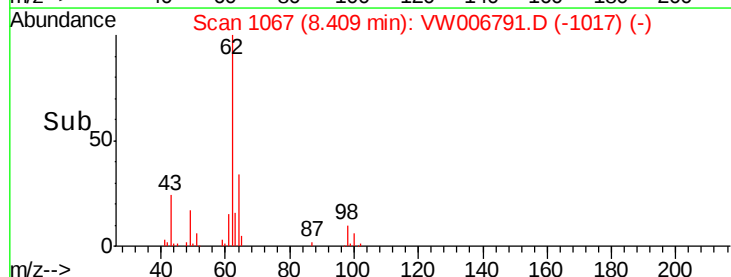
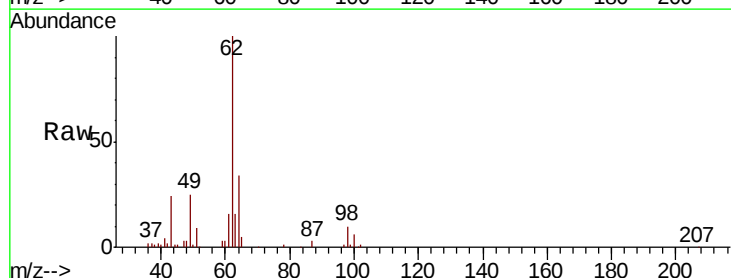
Manual Integrations  
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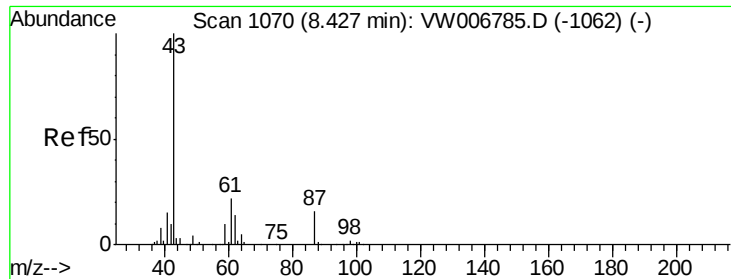
apatel  
11/12/2018 3:41:13 PM



#42  
1,2-Dichloroethane  
Concen: 21.075 ug/l  
RT: 8.41 min Scan# 1067  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 63475 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 0.0   | 19.4  |





#43

Isopropyl Acetate

Concen: 21.611 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

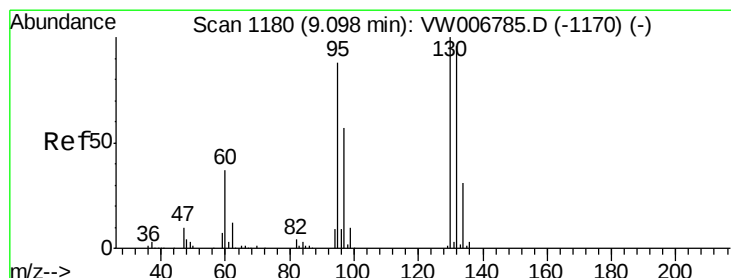
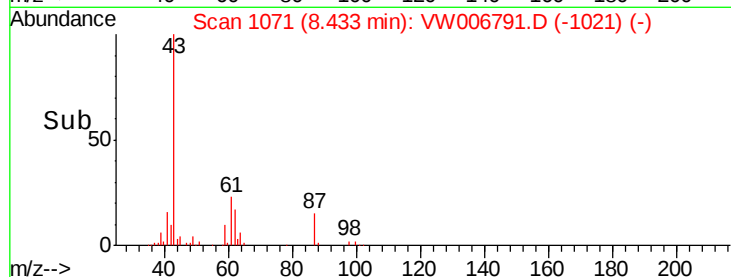
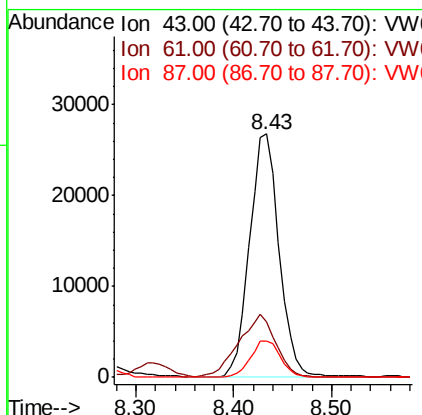
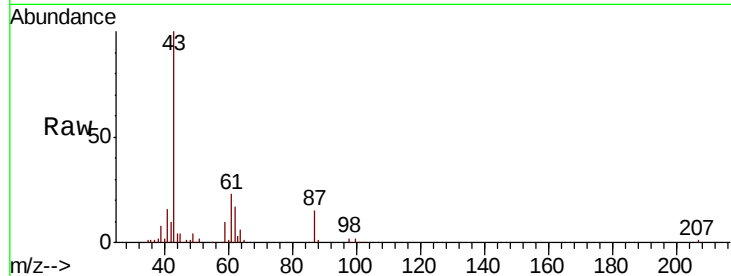
ClientSampleId :

VW1109SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 56376 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 32.4  | 26.5  | 39.7  |
| 87       | 15.4  | 12.8  | 19.2  |

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#44

Trichloroethene

Concen: 20.975 ug/l

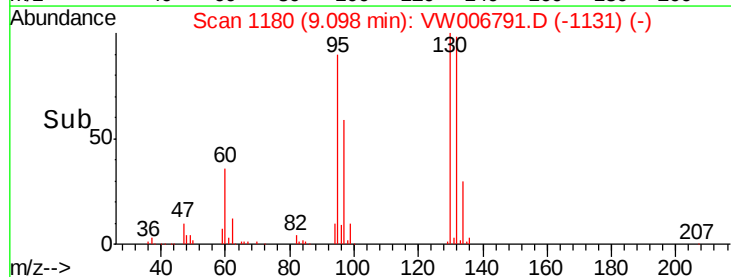
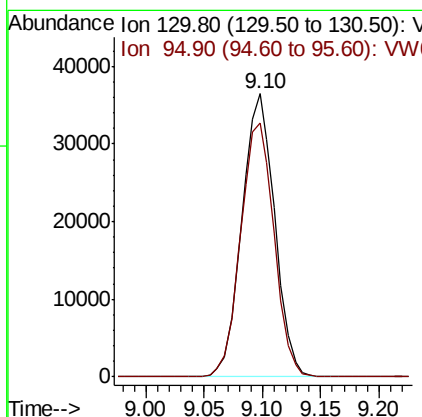
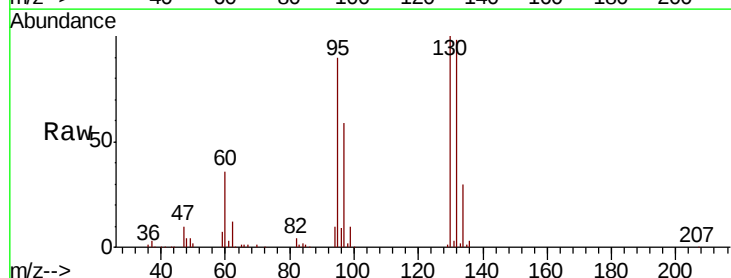
RT: 9.10 min Scan# 1180

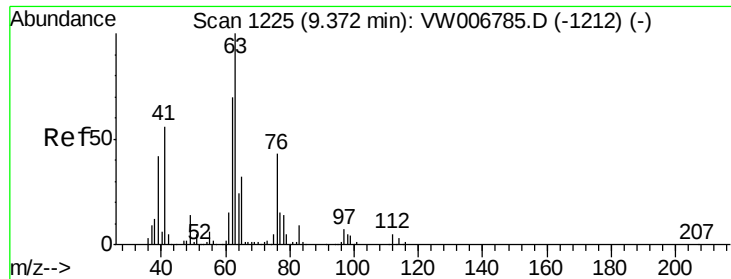
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 71357 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.8  | 0.0   | 175.0 |





#45

1,2-Dichloropropane

Concen: 21.478 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 63 Resp: 55815

Ion Ratio Lower Upper

63 100

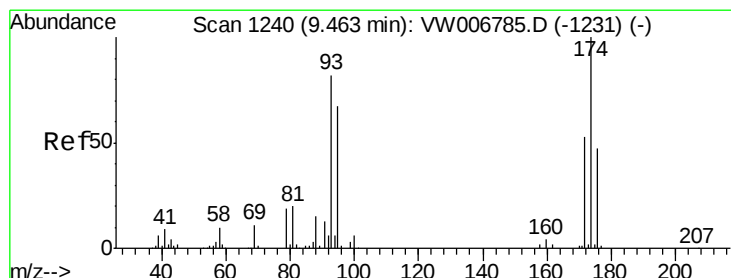
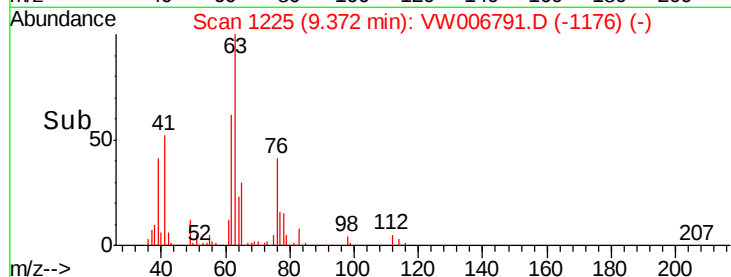
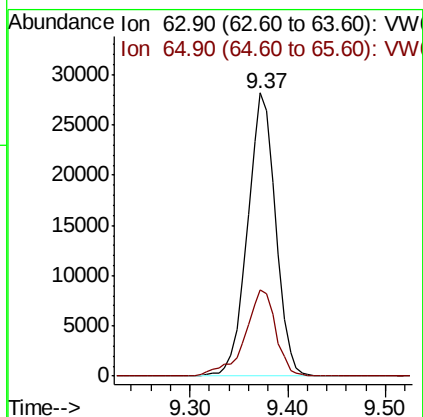
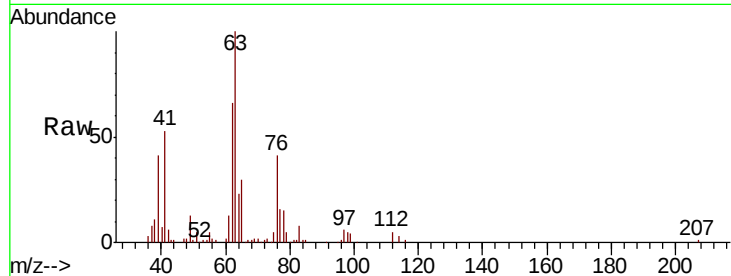
65 30.3 25.5 38.3

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#46

Dibromomethane

Concen: 20.047 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

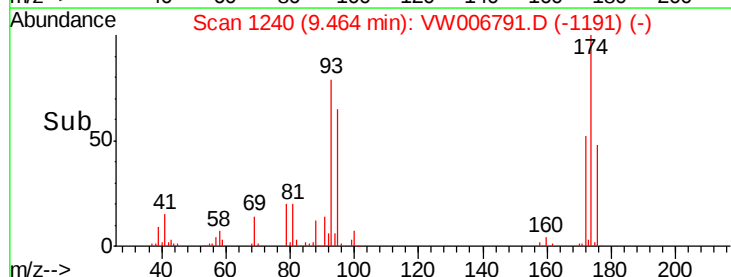
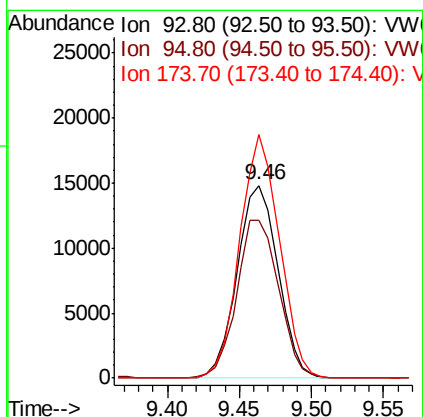
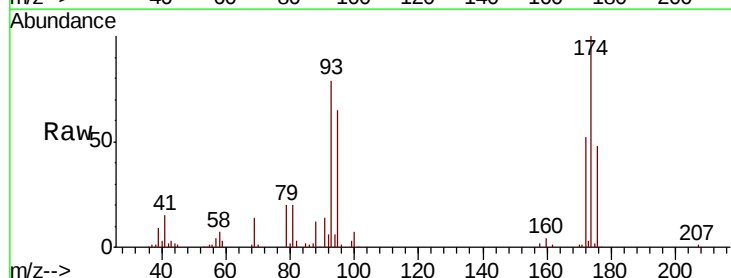
Tgt Ion: 93 Resp: 29249

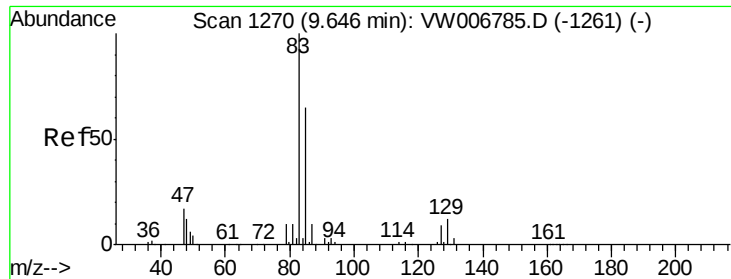
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 122.5 96.4 144.6





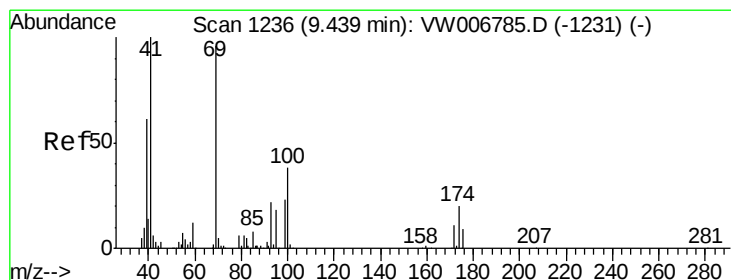
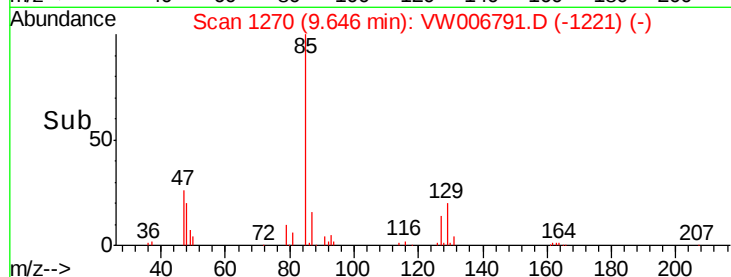
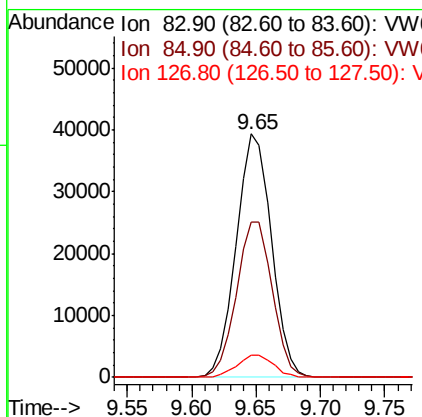
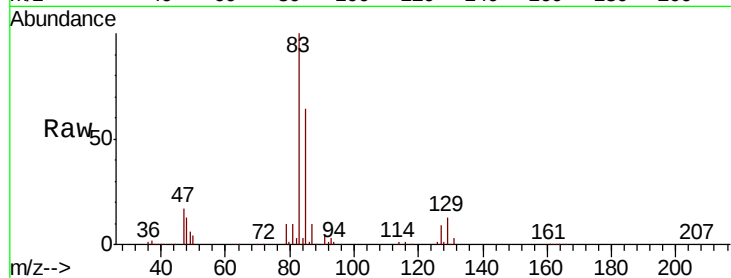
#47  
Bromodichloromethane  
Concen: 21.092 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion   | 83   | Resp  | 74672 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.9 | 51.6  | 77.4  |
| 127       | 9.0  | 7.4   | 11.2  |

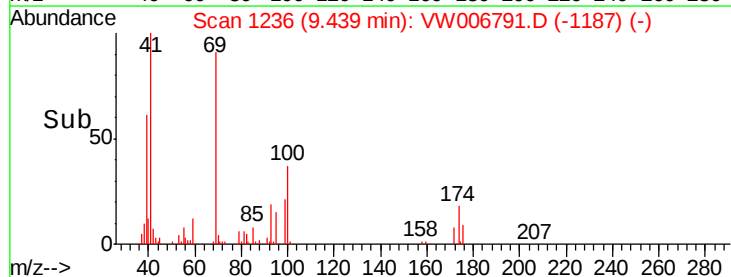
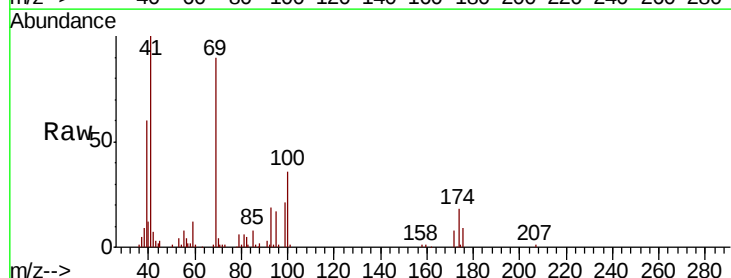
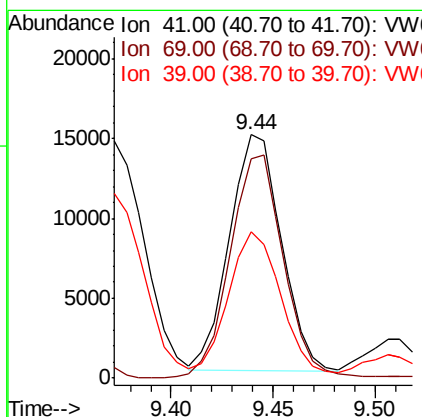
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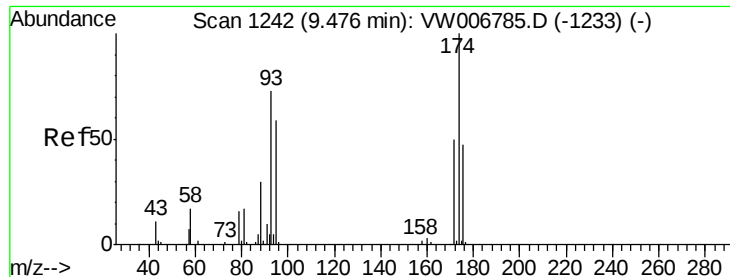
apatel  
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#48  
Methyl methacrylate  
Concen: 21.326 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion   | 41   | Resp  | 26201 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 97.4 | 81.5  | 122.3 |
| 39        | 58.5 | 48.0  | 72.0  |





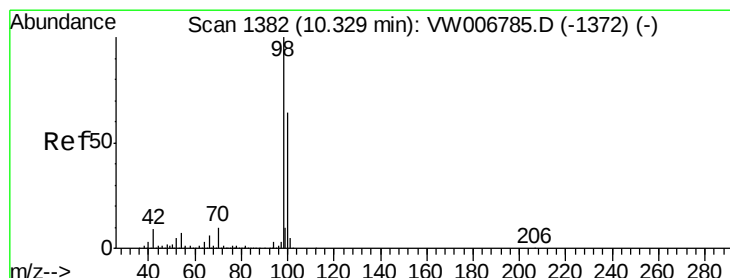
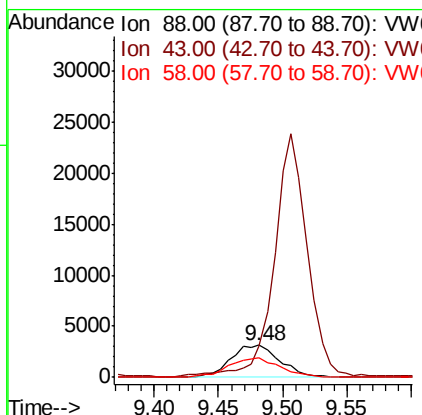
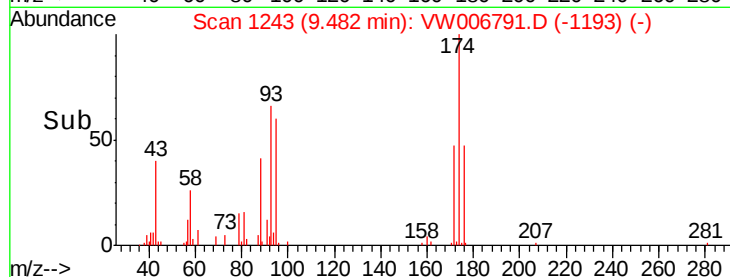
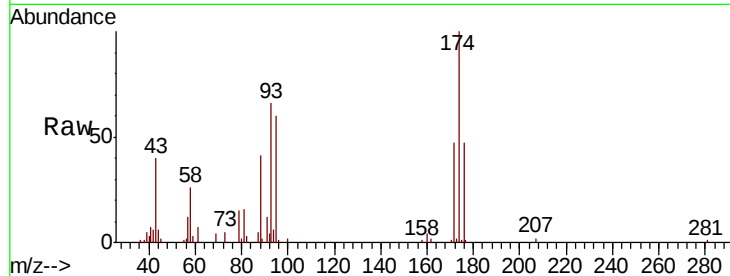
#49  
1,4-Dioxane  
Concen: 379.988 ug/l  
RT: 9.48 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 65.0  | 53.7  | 80.5  |

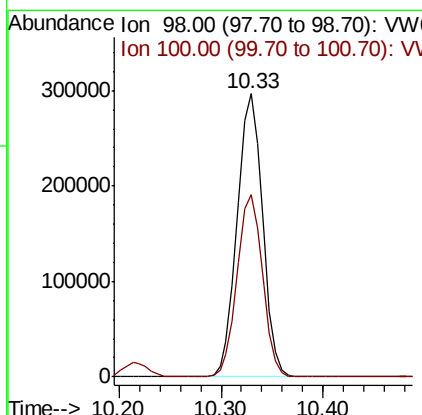
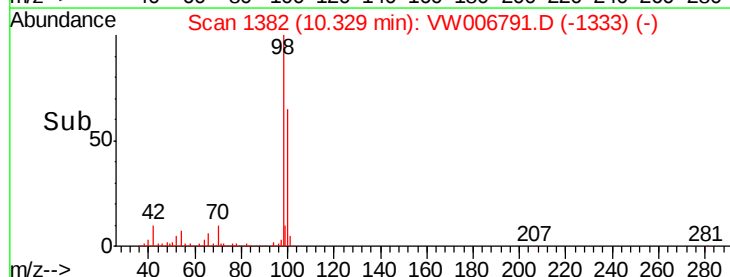
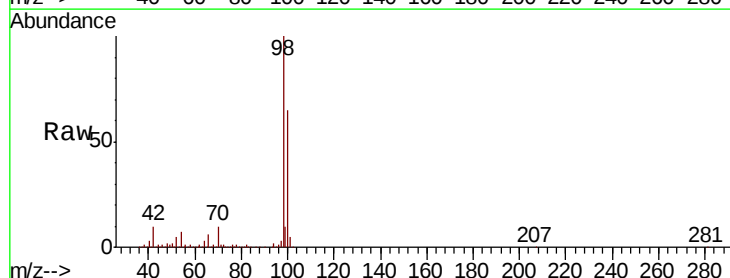
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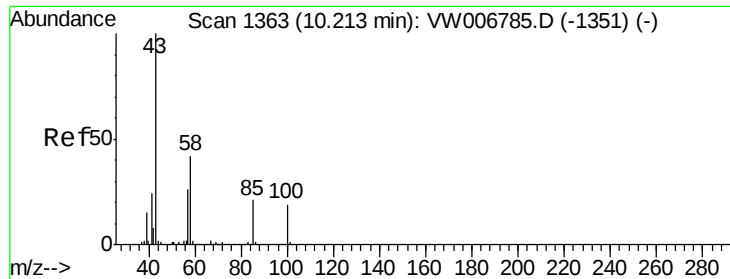
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#50  
Toluene-d8  
Concen: 49.305 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.4  | 77.0  |





#51

4-Methyl-2-Pentanone

Concen: 105.047 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 43 Resp: 140791

Ion Ratio Lower Upper

43 100

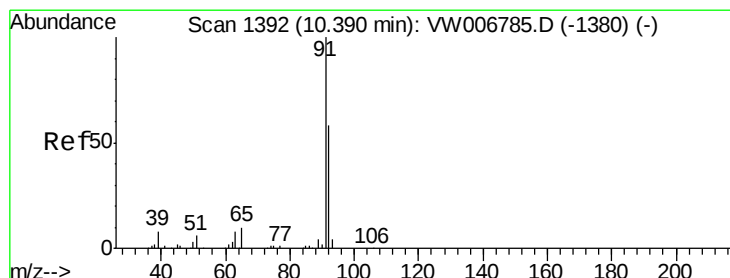
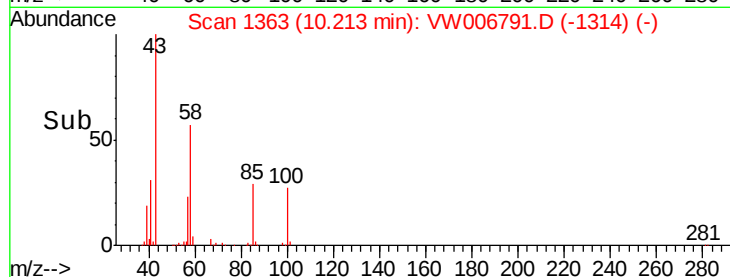
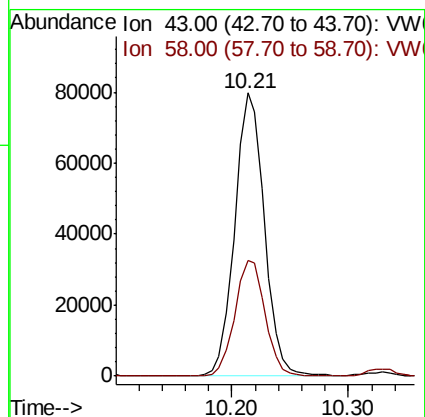
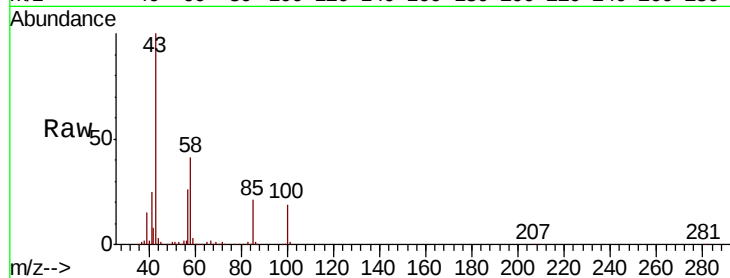
58 41.9 33.2 49.8

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#52

Toluene

Concen: 20.335 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006791.D

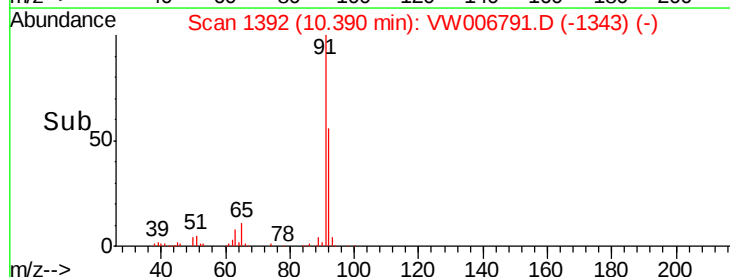
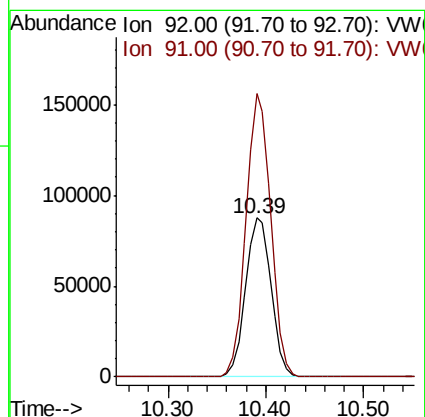
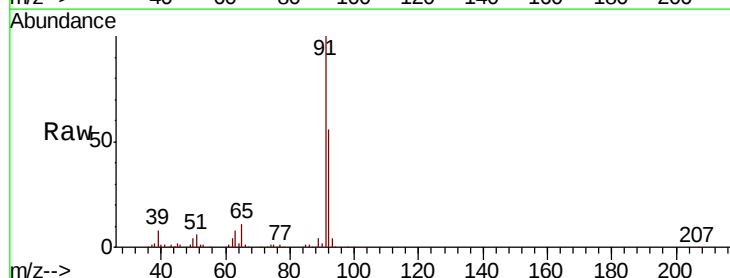
Acq: 09 Nov 2018 17:41

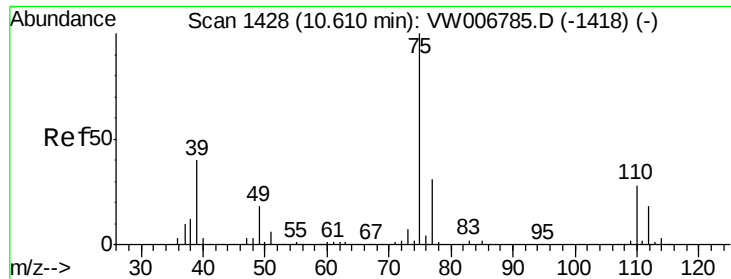
Tgt Ion: 92 Resp: 158189

Ion Ratio Lower Upper

92 100

91 172.8 138.6 207.8





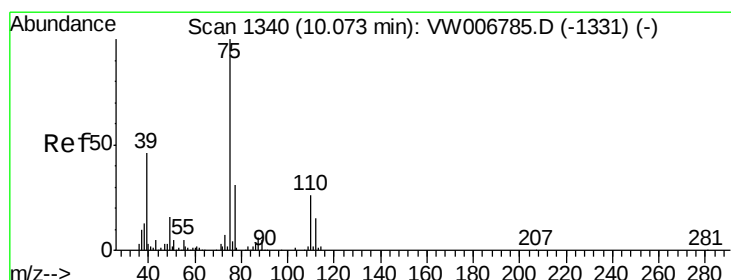
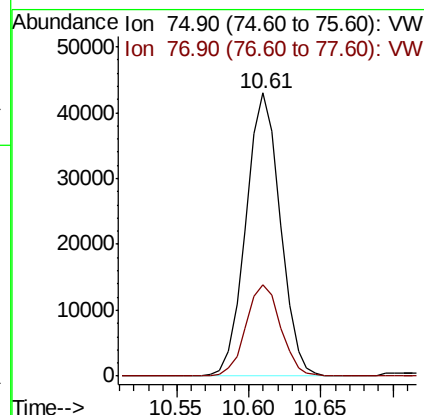
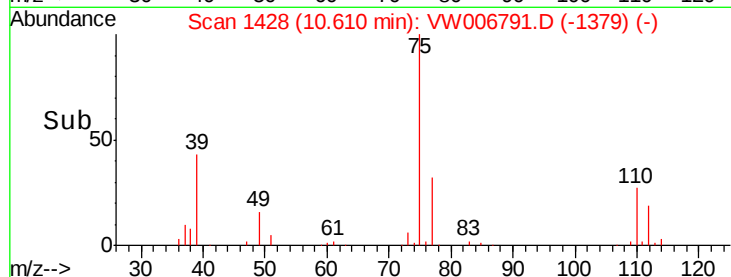
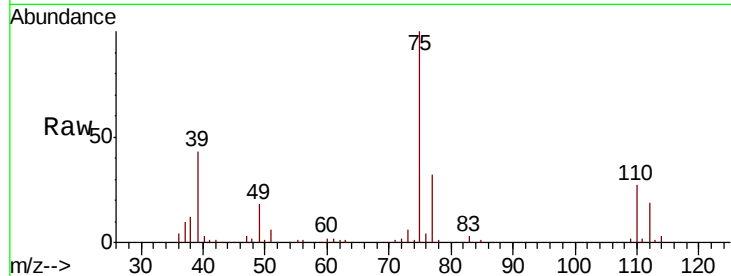
#53  
 t-1,3-Dichloropropene  
 Concen: 20.724 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

Tot Ion: 75 Resp: 71145  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.1 37.7

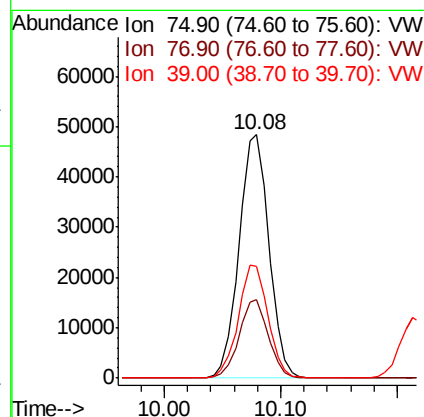
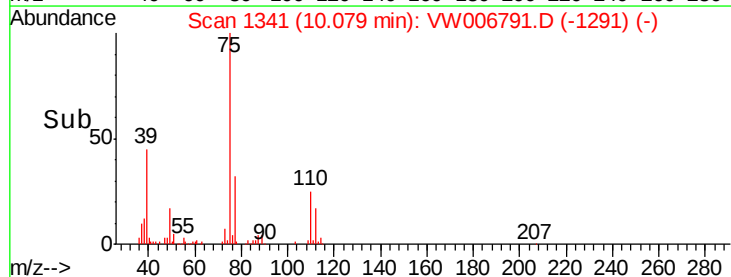
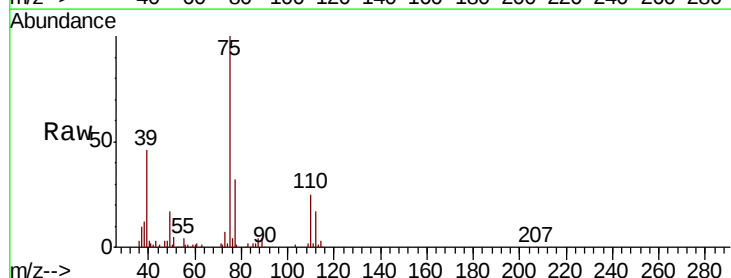
Manual Integrations  
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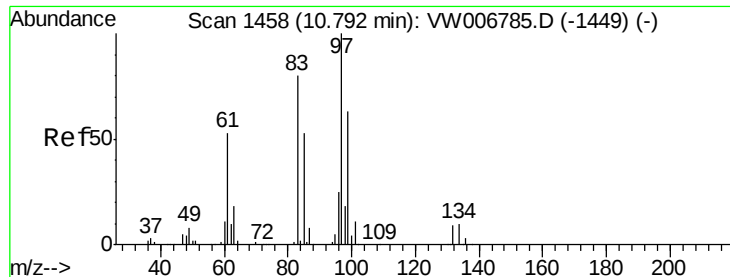
apatel  
 11/12/2018 3:41:13 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.350 ug/l  
 RT: 10.08 min Scan# 1341  
 Delta R.T. 0.01 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Tgt Ion: 75 Resp: 86900  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 24.6 37.0  
 39 45.9 37.1 55.7





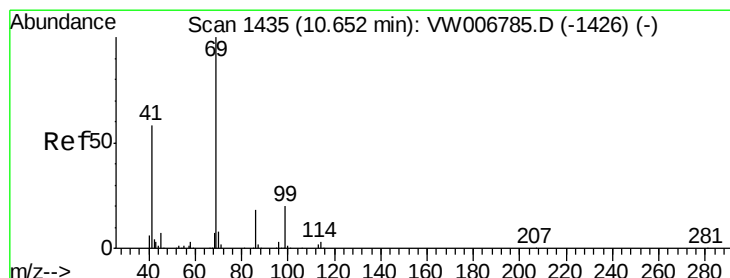
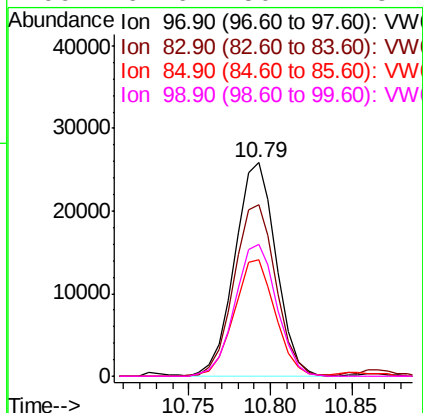
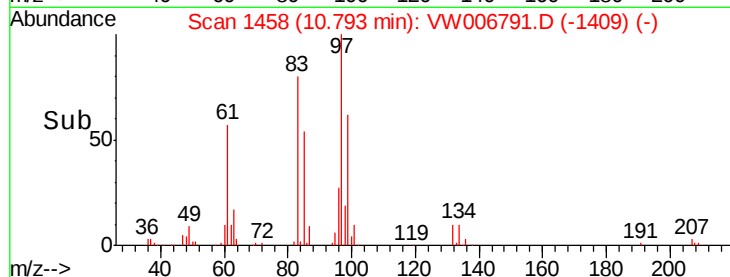
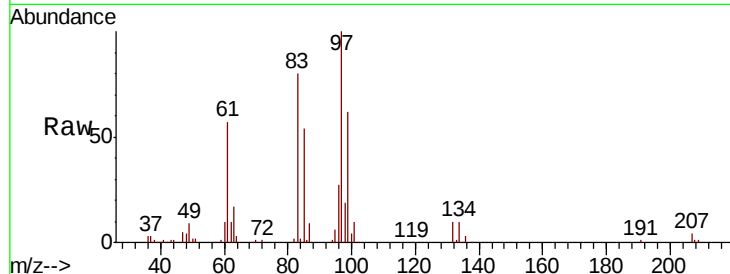
#55  
 1,1,2-Trichloroethane  
 Concen: 21.210 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 45587 |       |       |
| 83      | 79.6 | 64.4  | 96.6  |       |       |
| 85      | 54.2 | 42.6  | 63.8  |       |       |
| 99      | 61.6 | 50.2  | 75.2  |       |       |

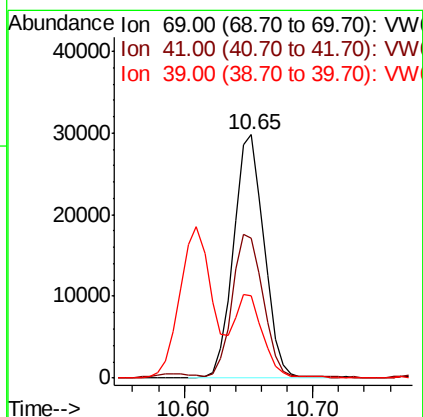
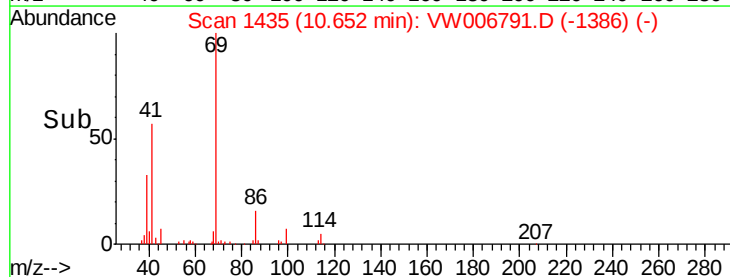
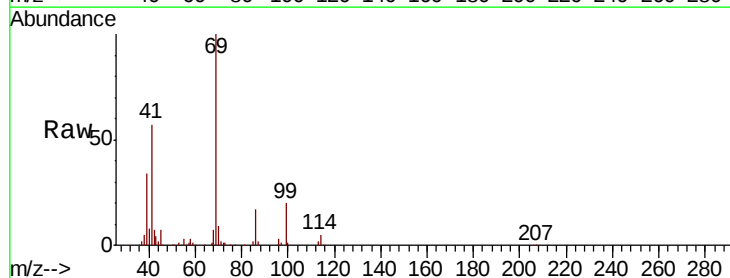
Manual Integrations  
 APPROVED

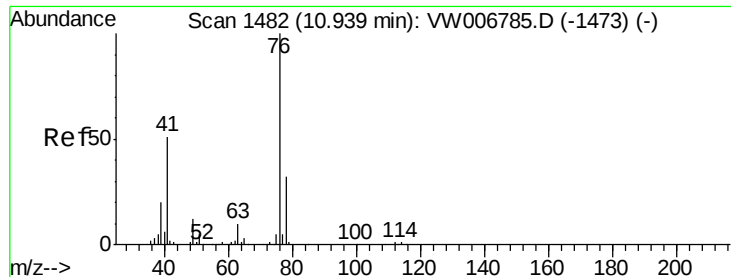
apatel  
 11/12/2018 3:41:13 PM



#56  
 Ethyl methacrylate  
 Concen: 20.705 ug/l  
 RT: 10.65 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 49143 |       |       |
| 41      | 59.4 | 47.2  | 70.8  |       |       |
| 39      | 30.2 | 23.4  | 35.0  |       |       |





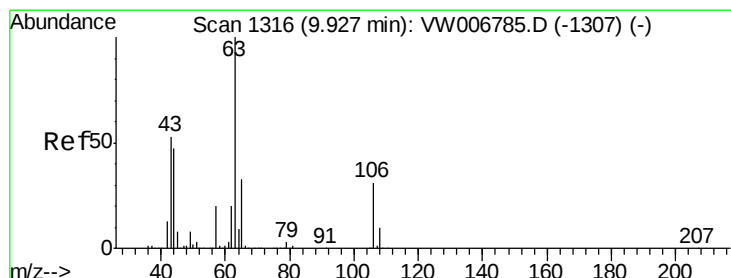
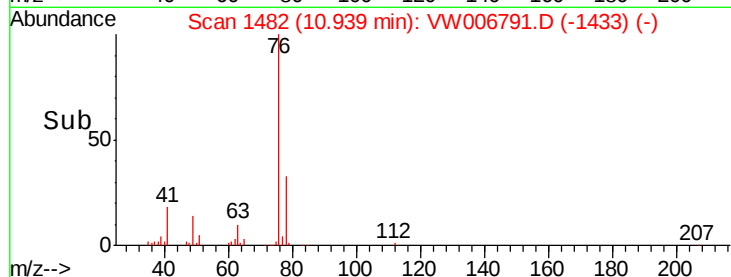
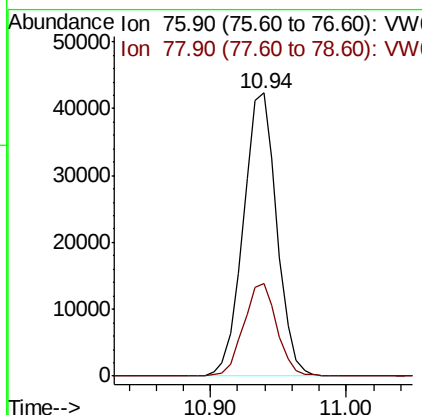
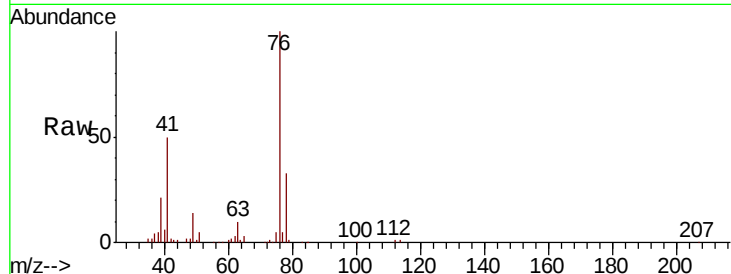
#57  
 1,3-Dichloropropane  
 Concen: 21.190 ug/l  
 RT: 10.94 min Scan# 1482  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

Tot Ion: 76 Resp: 72807  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.5 38.3

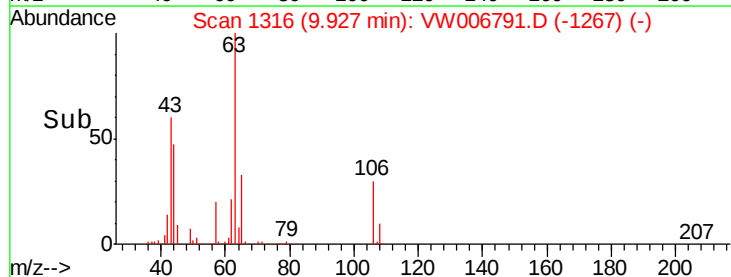
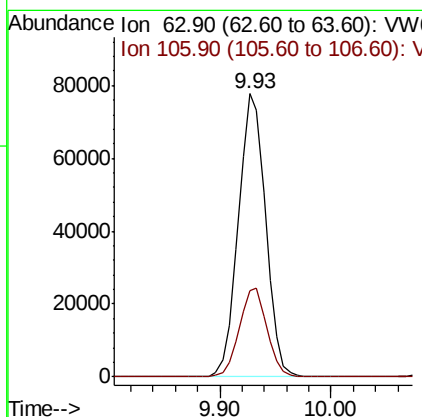
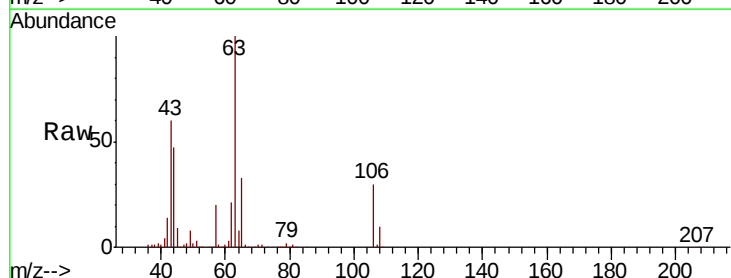
Manual Integrations  
 APPROVED

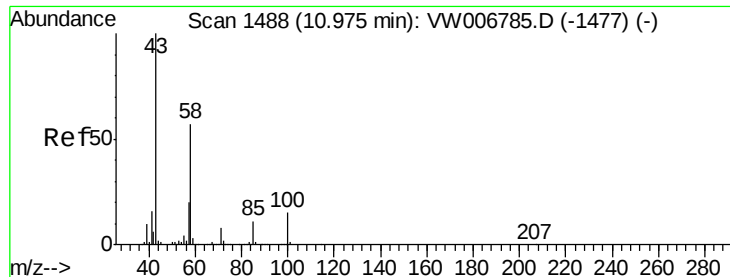
apatel  
 11/12/2018 3:41:13 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 111.501 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Tgt Ion: 63 Resp: 131795  
 Ion Ratio Lower Upper  
 63 100  
 106 31.5 25.3 37.9





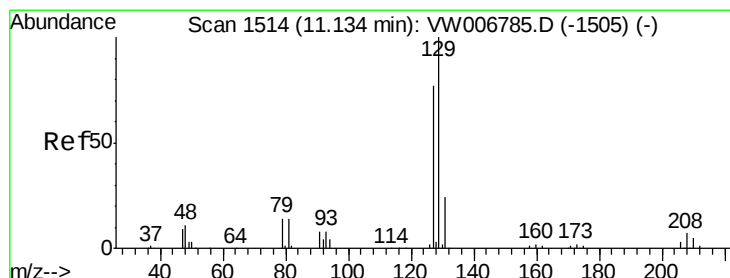
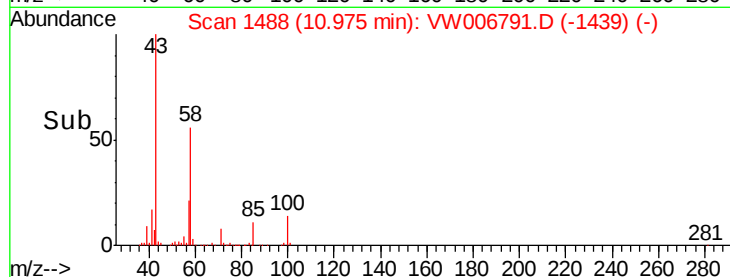
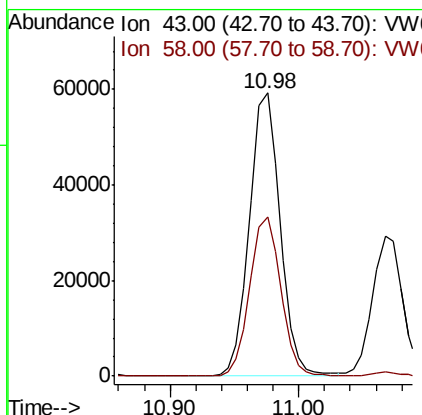
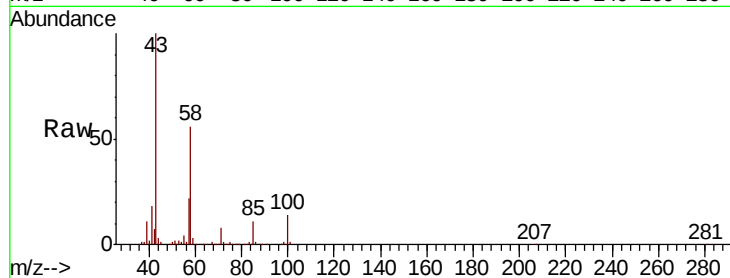
#59  
2-Hexanone  
Concen: 107.176 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

Tot Ion: 43 Resp: 97349  
Ion Ratio Lower Upper  
43 100  
58 56.9 28.5 85.5

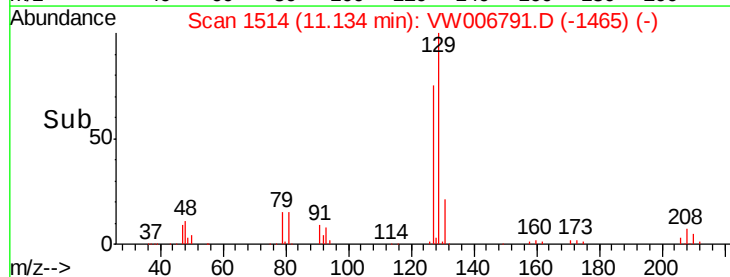
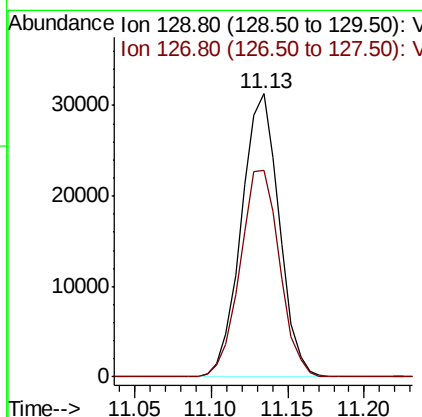
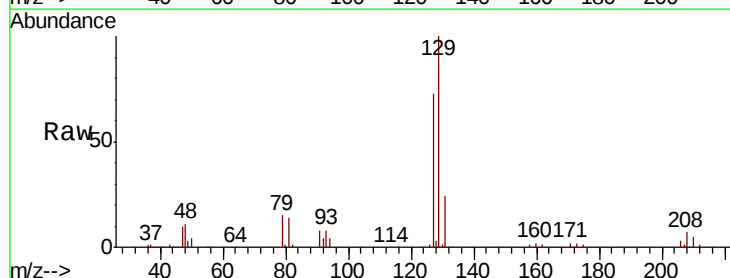
Manual Integrations  
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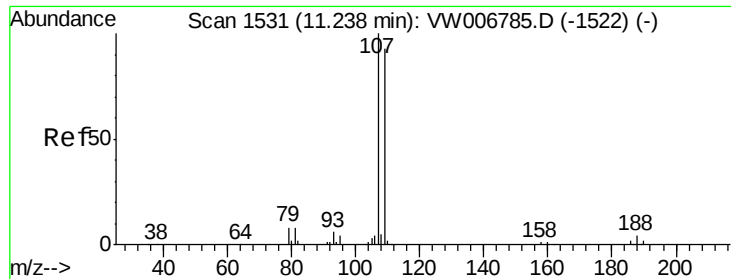
apatel  
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#60  
Dibromochloromethane  
Concen: 20.797 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Tgt Ion: 129 Resp: 53730  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.5 115.3





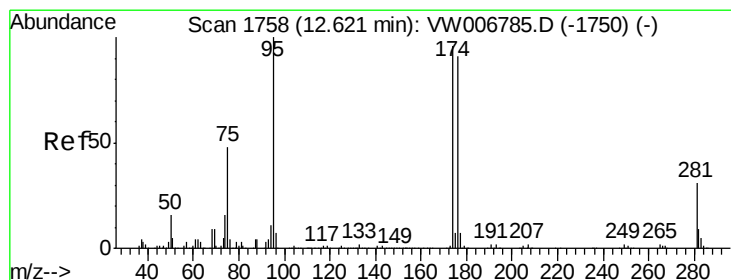
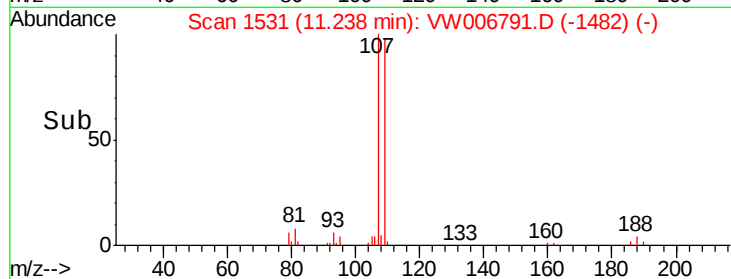
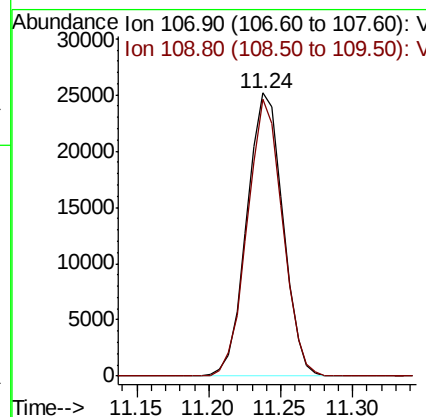
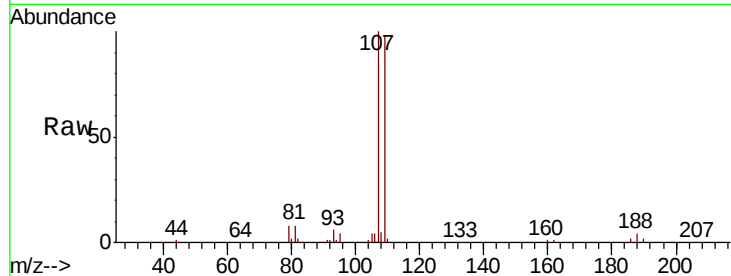
#61  
 1,2-Dibromoethane  
 Concen: 21.063 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.8  | 75.5  | 113.3 |

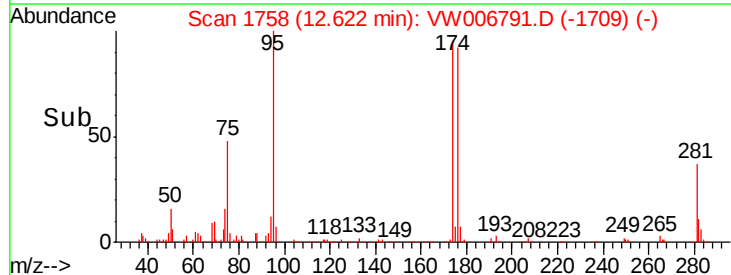
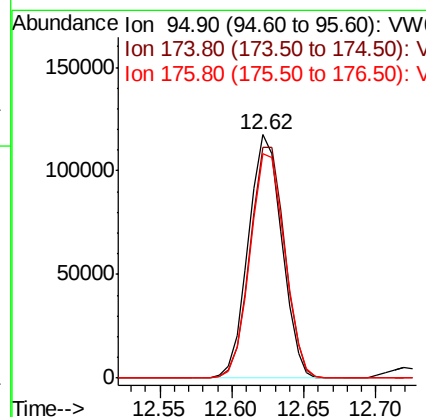
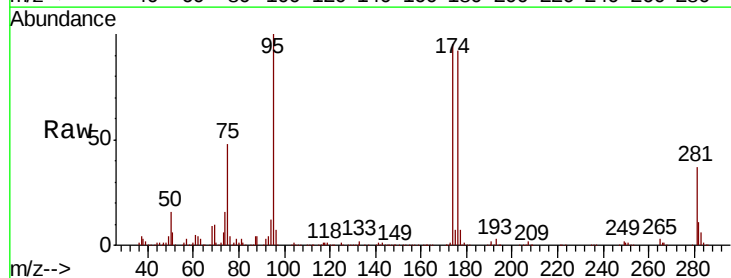
Manual Integrations  
 APPROVED

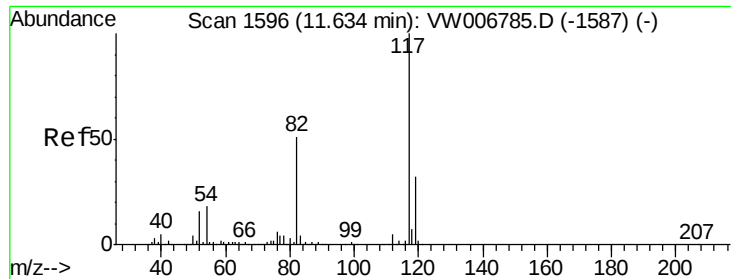
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 50.301 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 97.7  | 0.0   | 196.2 |
| 176     | 94.6  | 0.0   | 190.8 |





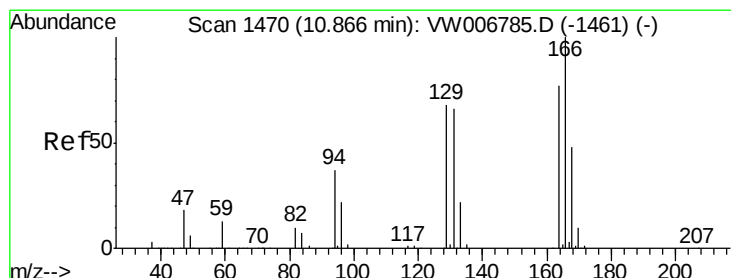
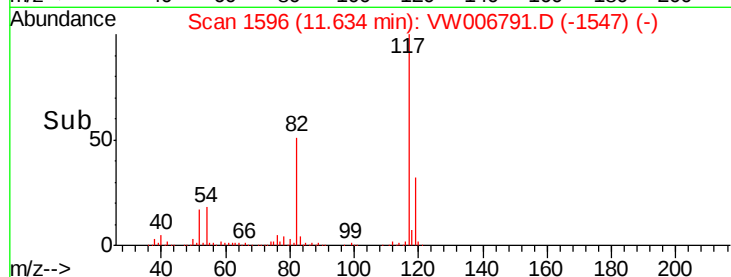
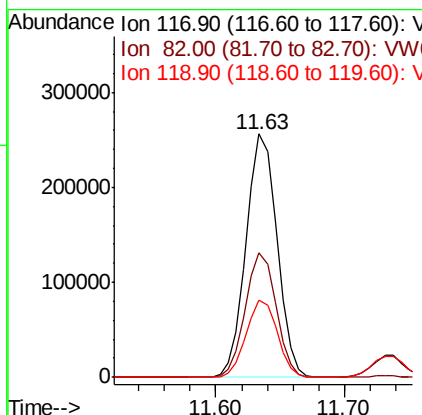
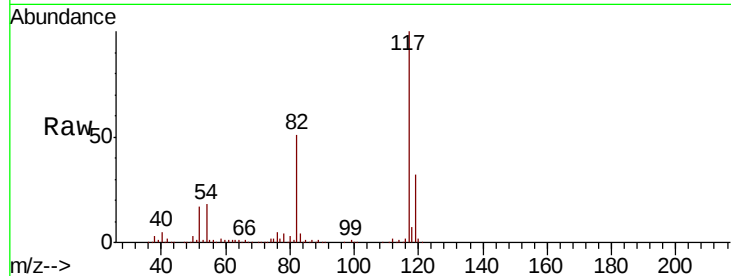
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.1  | 40.9  | 61.3  |
| 119     | 31.8  | 25.8  | 38.8  |

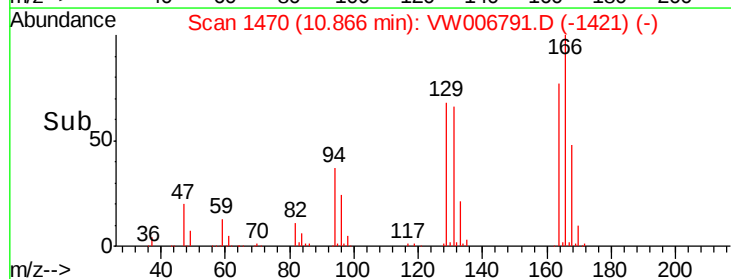
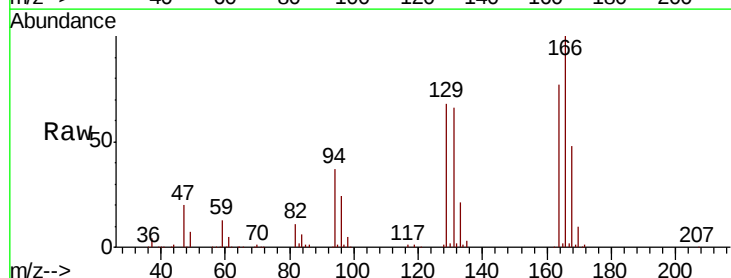
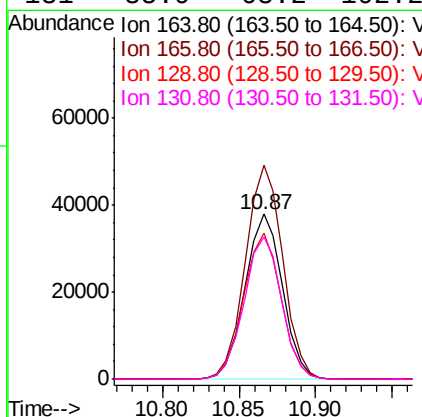
Manual Integrations  
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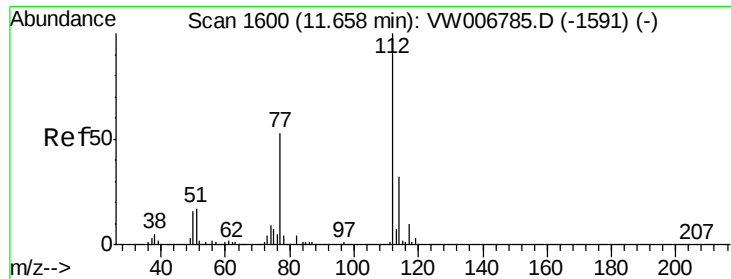
apatel  
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#64  
Tetrachloroethene  
Concen: 19.894 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.6 | 103.7 | 155.5 |
| 129     | 88.3  | 70.4  | 105.6 |
| 131     | 85.9  | 68.2  | 102.2 |





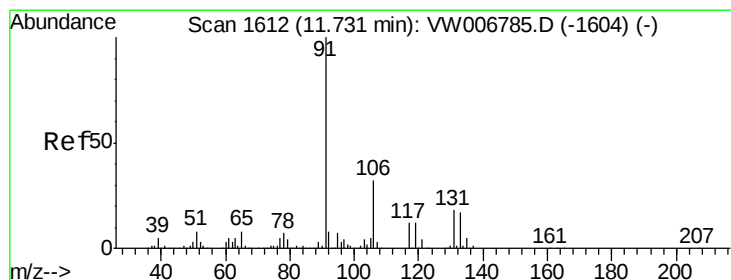
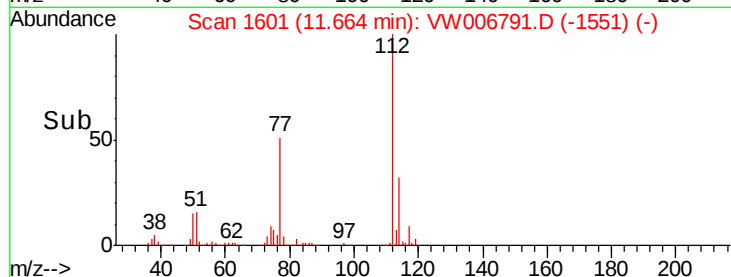
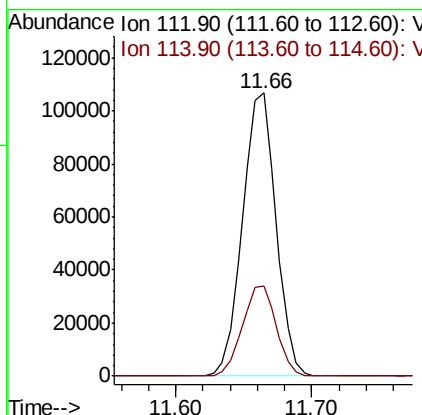
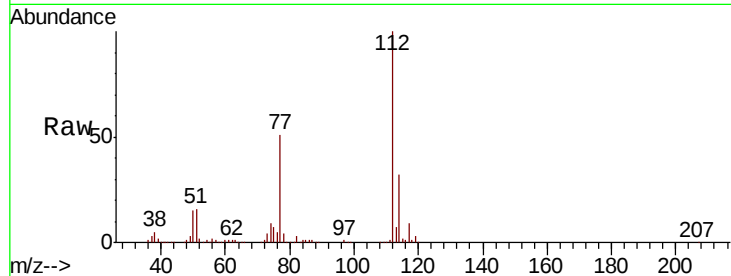
#65  
Chlorobenzene  
Concen: 20.239 ug/l  
RT: 11.66 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.8  | 25.9  | 38.9  |

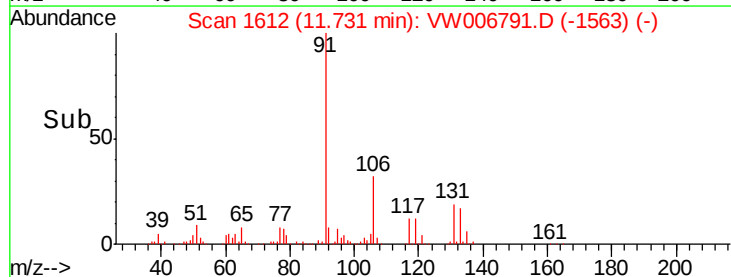
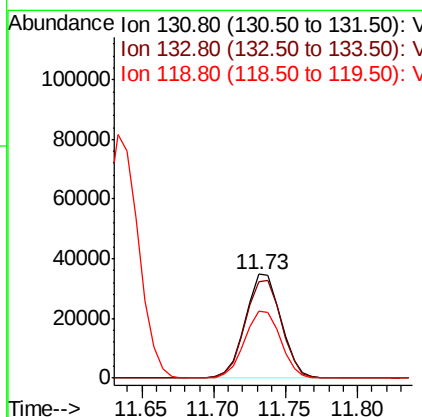
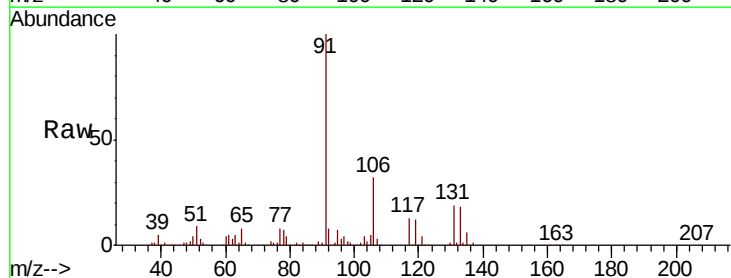
Manual Integrations  
APPROVED

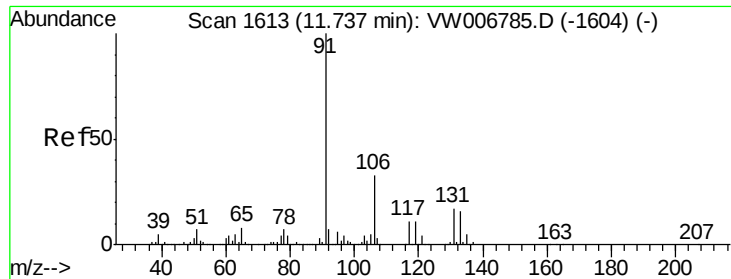
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.518 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.9  | 47.9  | 143.6 |
| 119     | 65.4  | 32.3  | 96.8  |





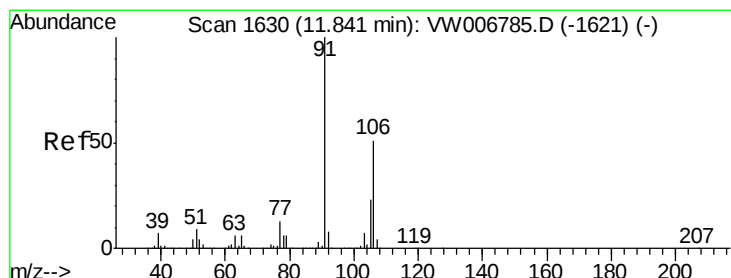
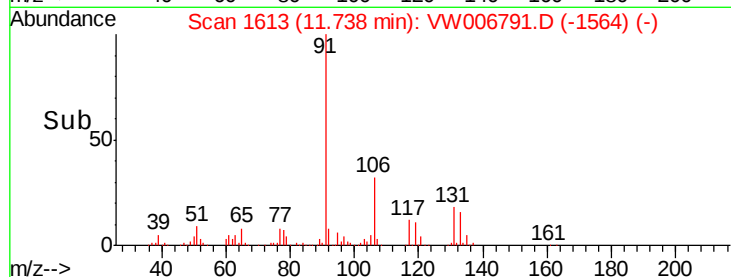
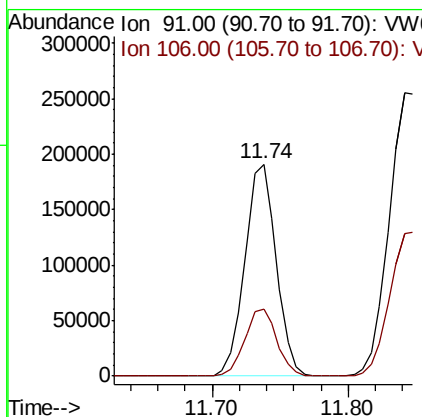
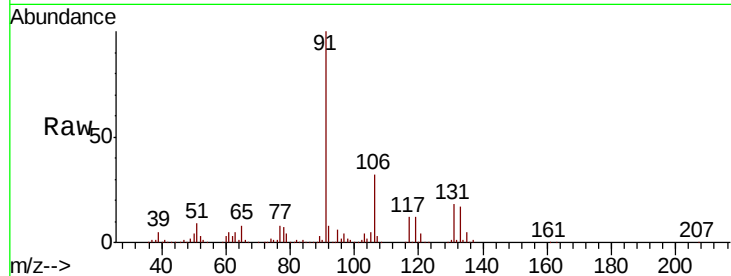
#67  
Ethyl Benzene  
Concen: 20.162 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

Tot Ion: 91 Resp: 307429  
Ion Ratio Lower Upper  
91 100  
106 31.9 26.3 39.5

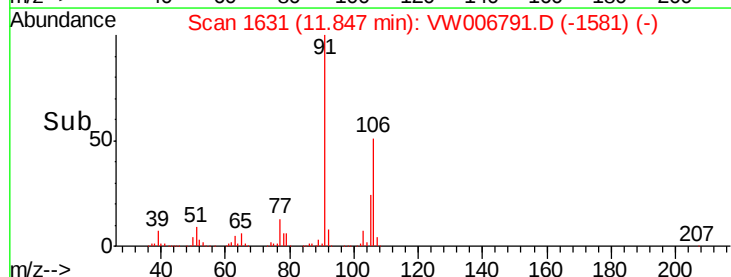
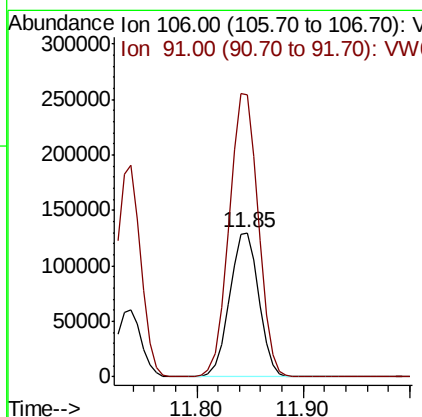
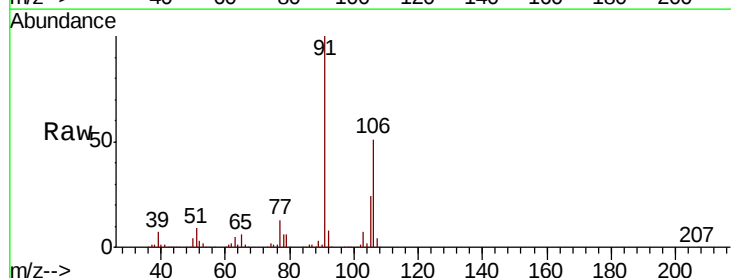
Manual Integrations  
APPROVED

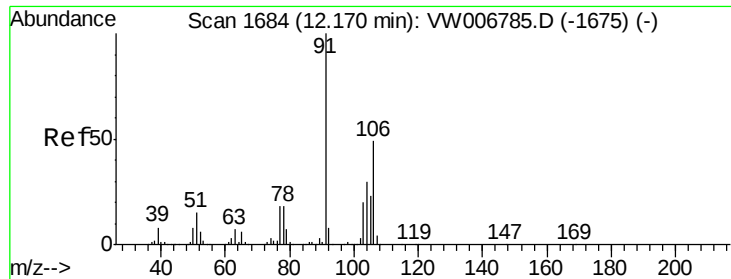
apatel  
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#68  
m/p-Xylenes  
Concen: 40.141 ug/l  
RT: 11.85 min Scan# 1631  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Tgt Ion: 106 Resp: 249654  
Ion Ratio Lower Upper  
106 100  
91 195.6 155.3 232.9





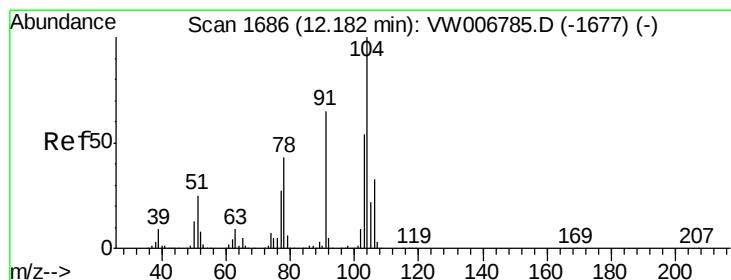
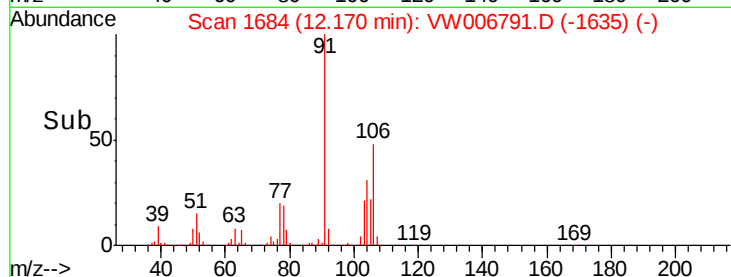
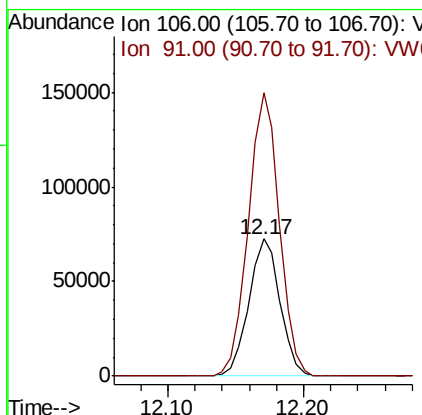
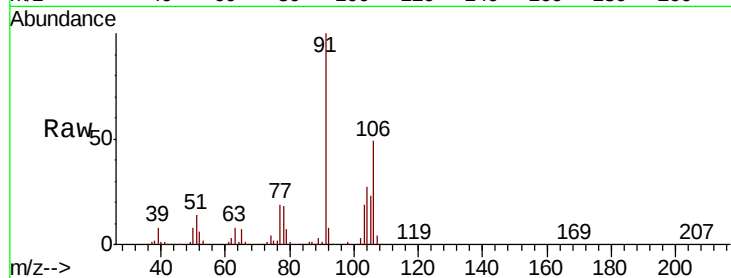
#69  
o-Xylene  
Concen: 20.441 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

Tot Ion:106 Resp: 117043  
Ion Ratio Lower Upper  
106 100  
91 204.5 103.0 308.9

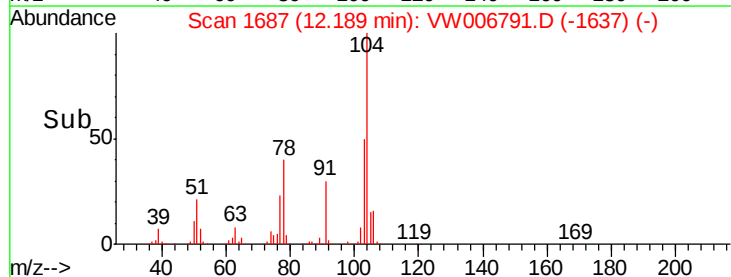
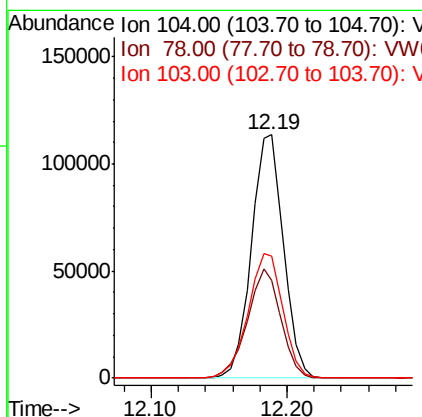
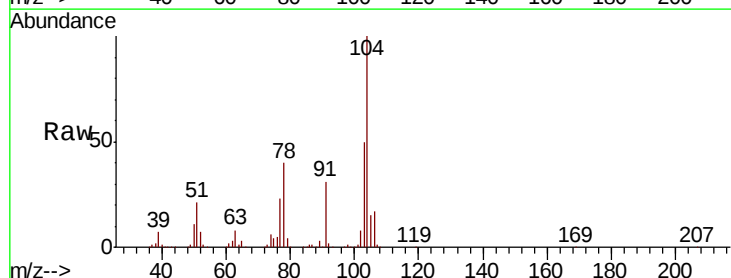
Manual Integrations  
APPROVED

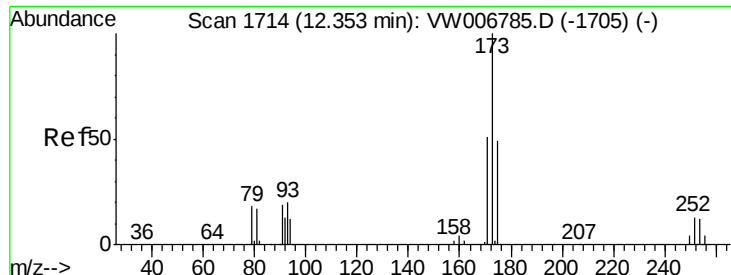
apatel  
11/12/2018 3:41:13 PM



#70  
Styrene  
Concen: 20.210 ug/l  
RT: 12.19 min Scan# 1687  
Delta R.T. 0.01 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Tgt Ion:104 Resp: 188092  
Ion Ratio Lower Upper  
104 100  
78 46.9 37.1 55.7  
103 55.6 44.4 66.6





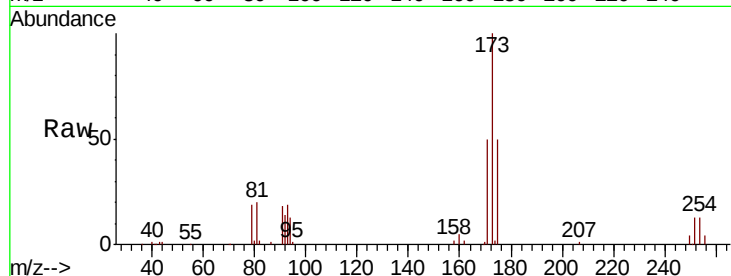
#71  
Bromoform  
Concen: 20.055 ug/l  
RT: 12.35 min Scan# 1714  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.8  | 24.3  | 72.8  |
| 254     | 0.1   | 0.1   | 0.1   |

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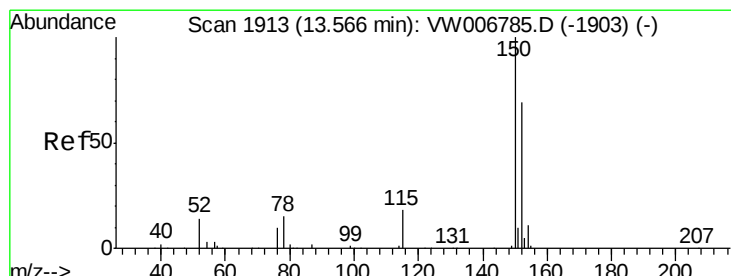
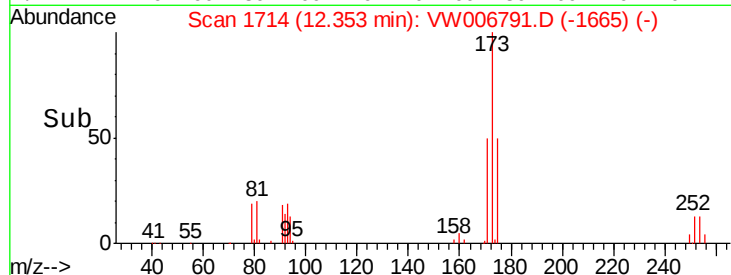
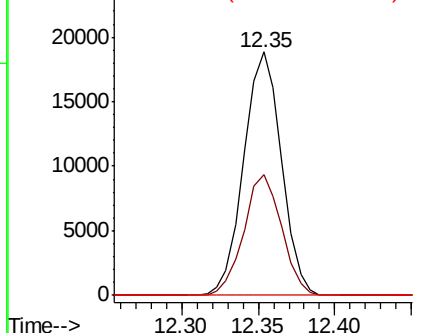


Abundance

Ion 172.70 (172.40 to 173.40): V

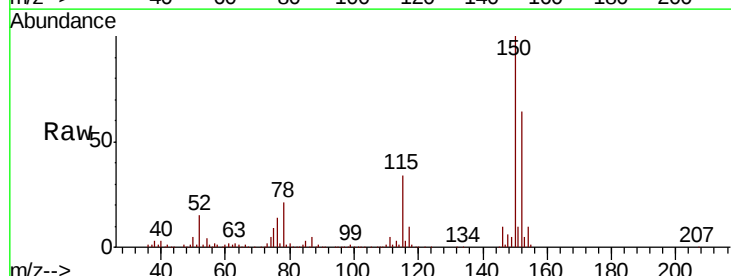
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.0  | 26.7  | 80.0  |
| 150     | 163.6 | 0.0   | 348.0 |

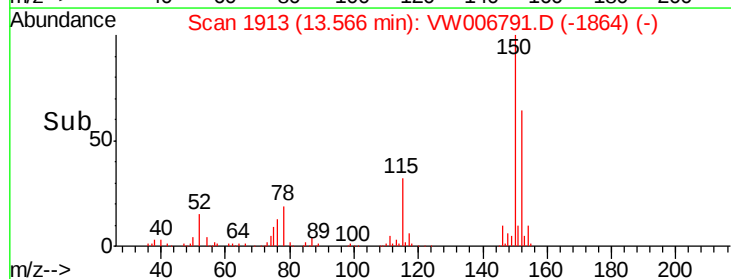
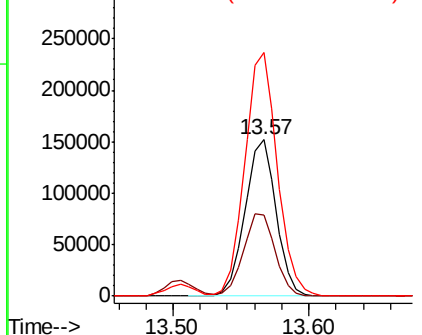


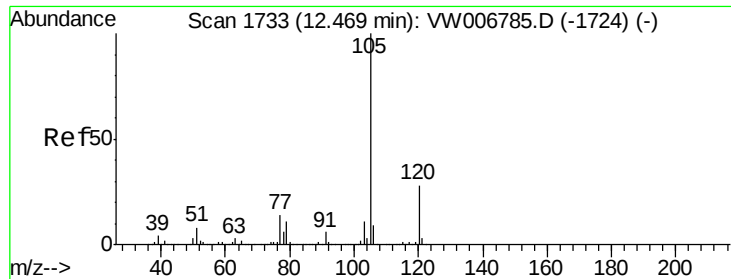
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.330 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion:105 Resp: 315435

Ion Ratio Lower Upper

105 100

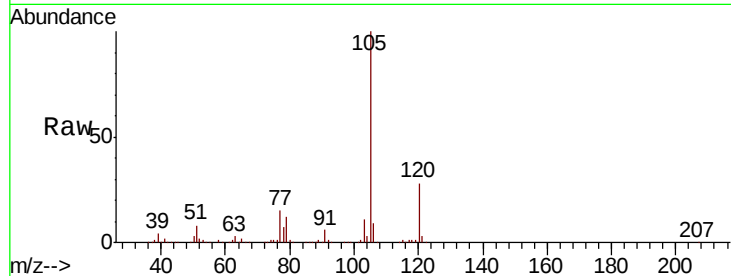
120 27.9 13.9 41.6

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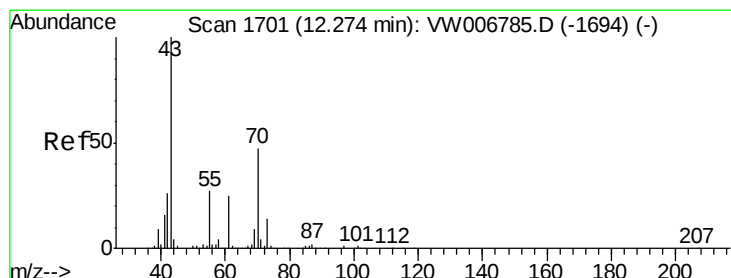
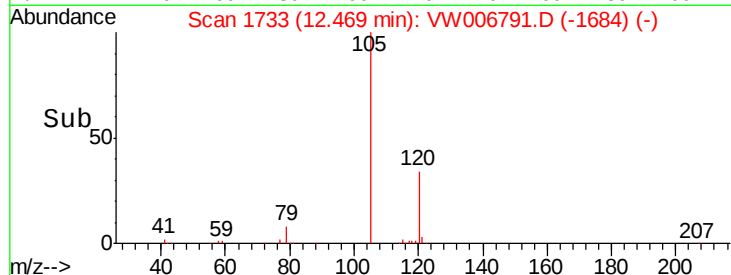
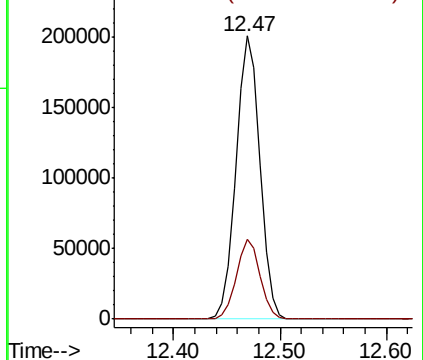
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.744 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Tgt Ion: 43 Resp: 52462

Ion Ratio Lower Upper

43 100

70 47.9 38.3 57.5

55 27.4 22.3 33.5

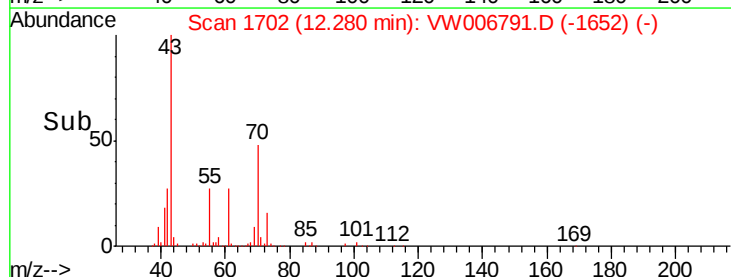
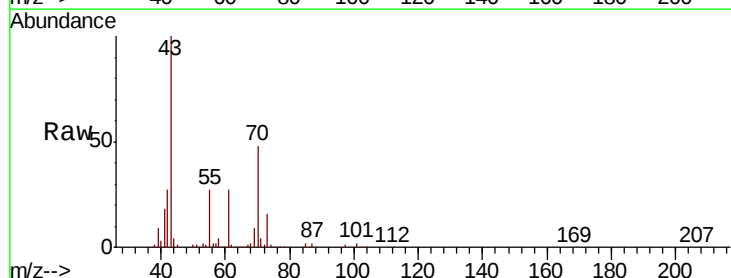
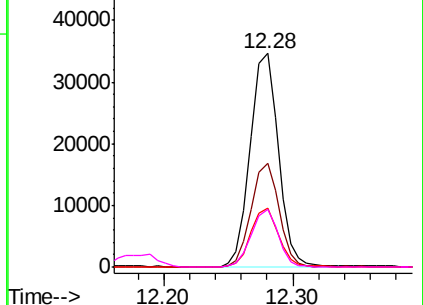
61 25.8 20.1 30.1

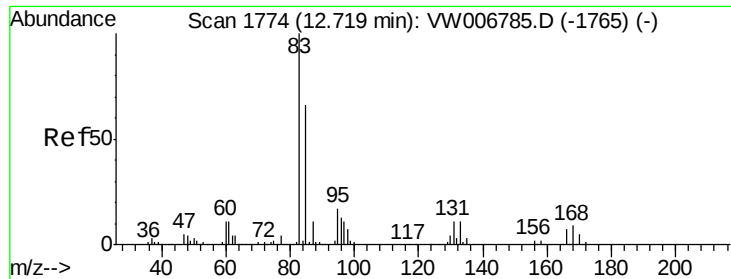
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.916 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

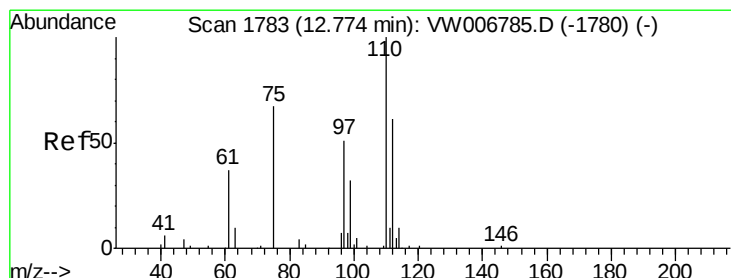
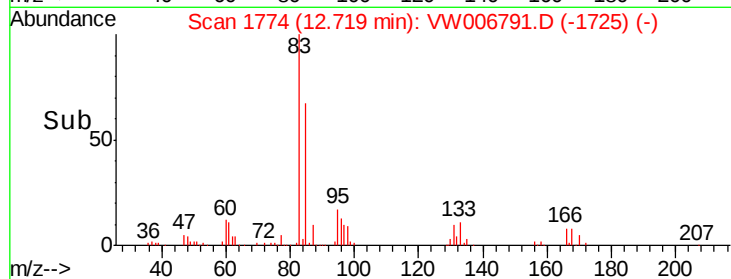
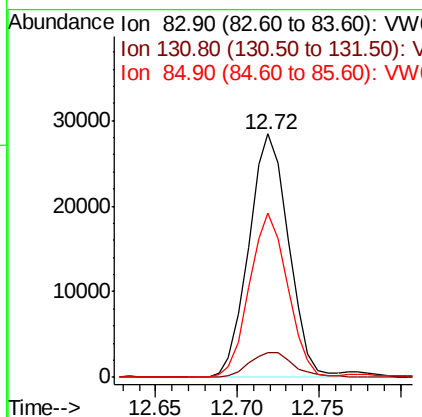
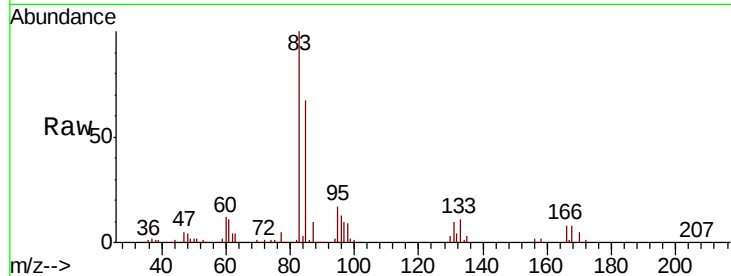
ClientSampleId :

VW1109SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 48350 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.3  | 6.0   | 18.0  |
| 85        | 64.8  | 32.3  | 96.8  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 21.677 ug/l m

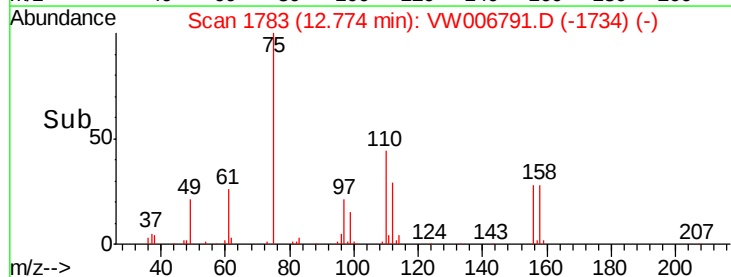
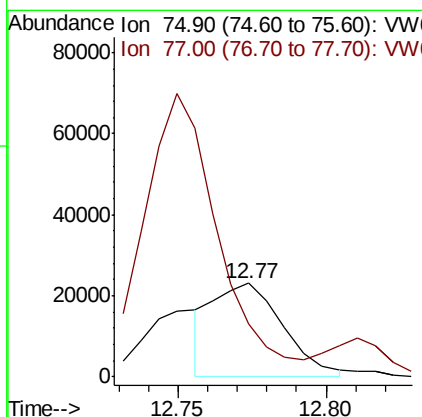
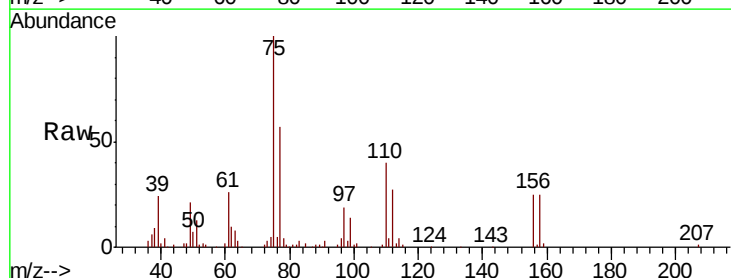
RT: 12.77 min Scan# 1783

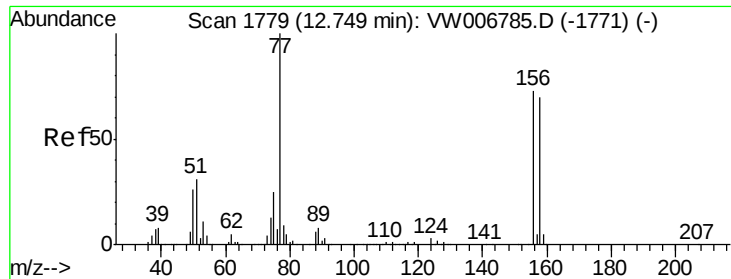
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 38121 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.525 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

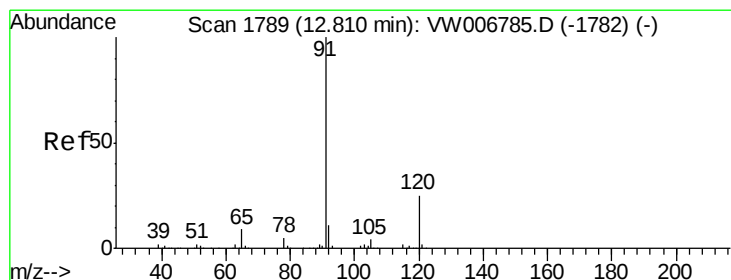
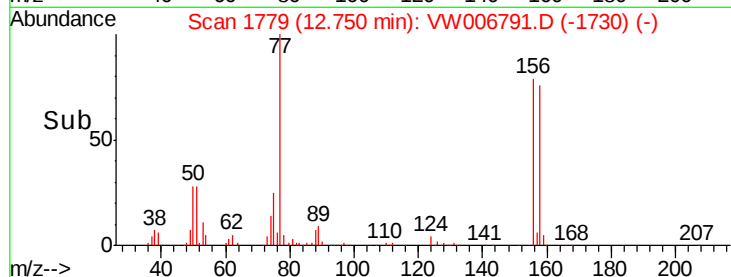
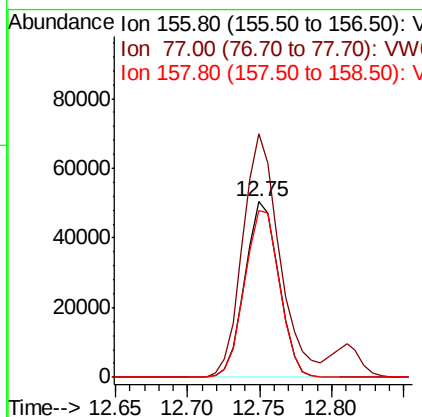
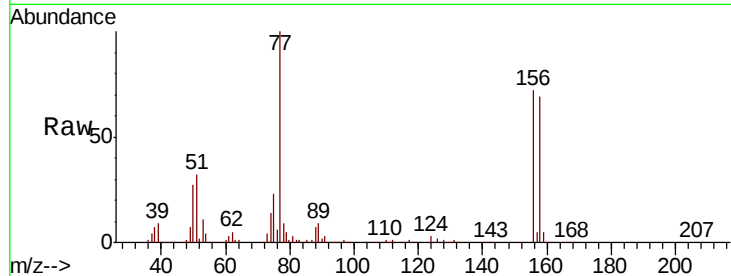
ClientSampleId :

VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 150.7 | 75.4  | 226.3 |
| 158     | 97.5  | 48.7  | 146.1 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.355 ug/l

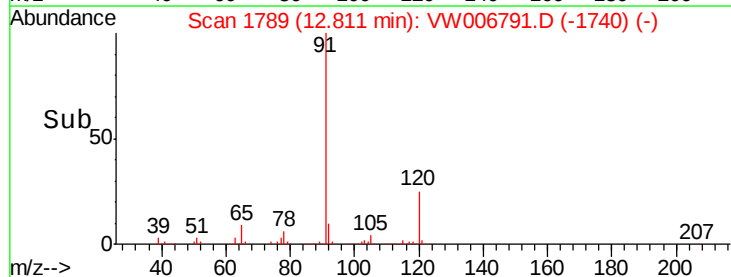
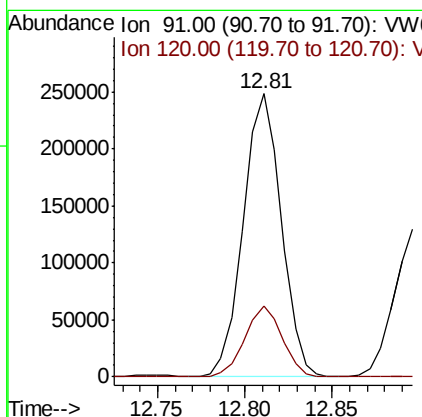
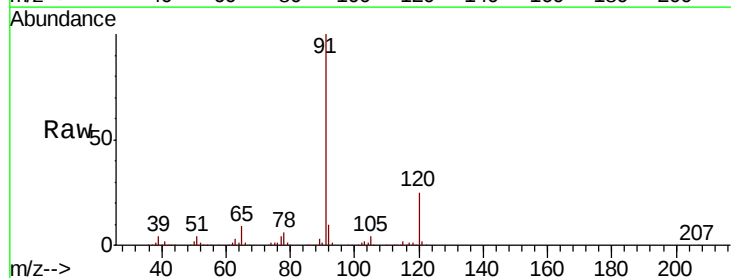
RT: 12.81 min Scan# 1789

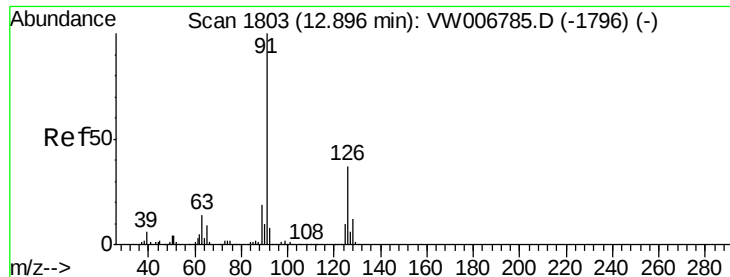
Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.6  | 12.4  | 37.0  |





#79

2-Chlorotoluene

Concen: 20.336 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion: 91 Resp: 211200

Ion Ratio Lower Upper

91 100

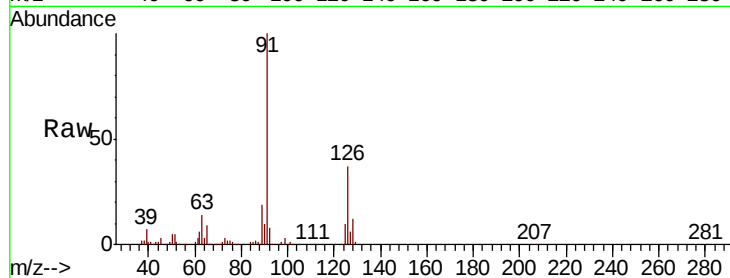
126 37.1 18.4 55.2

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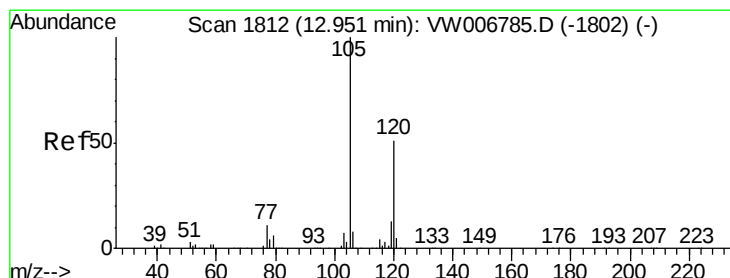
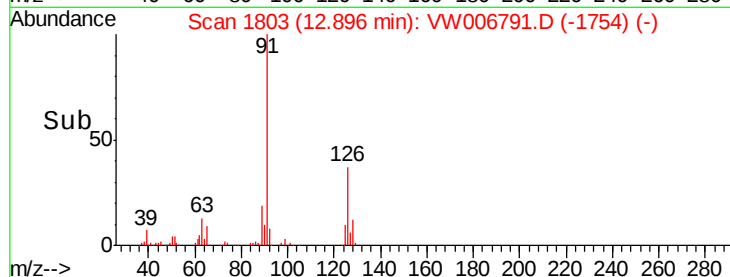
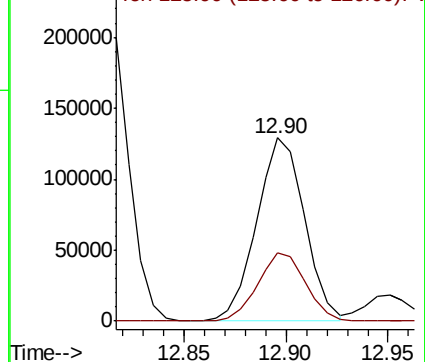
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.300 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006791.D

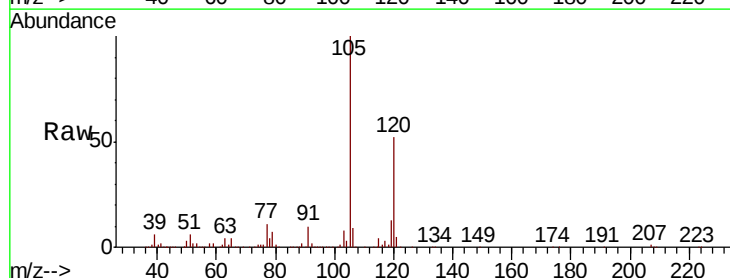
Acq: 09 Nov 2018 17:41

Tgt Ion:105 Resp: 272900

Ion Ratio Lower Upper

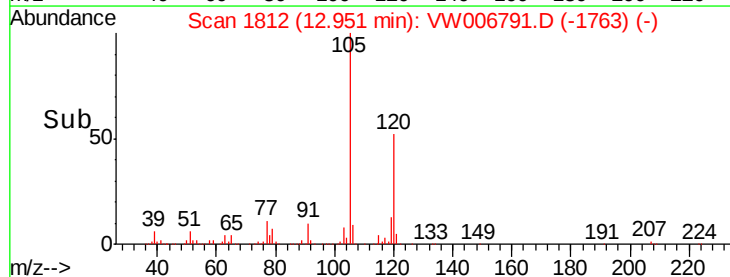
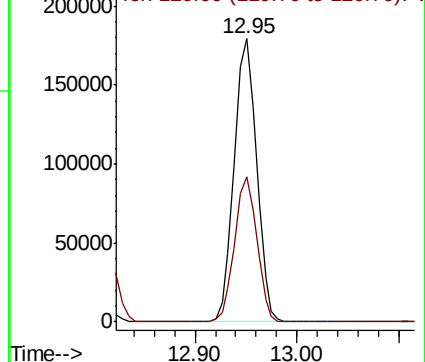
105 100

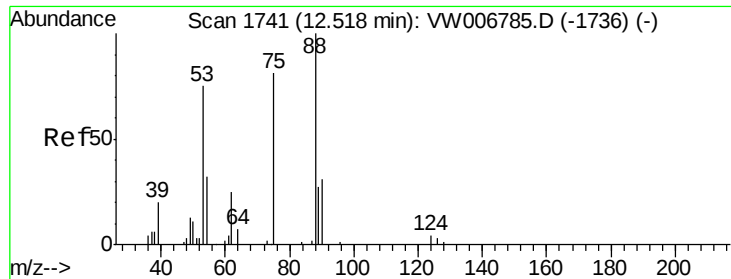
120 50.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





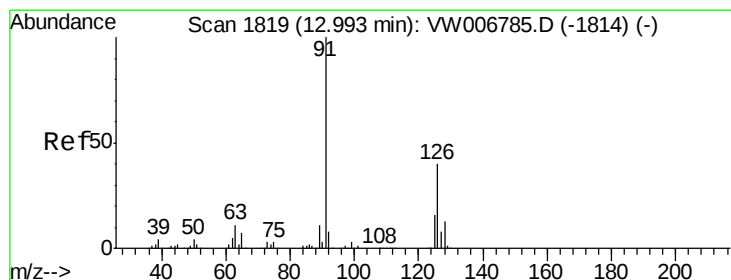
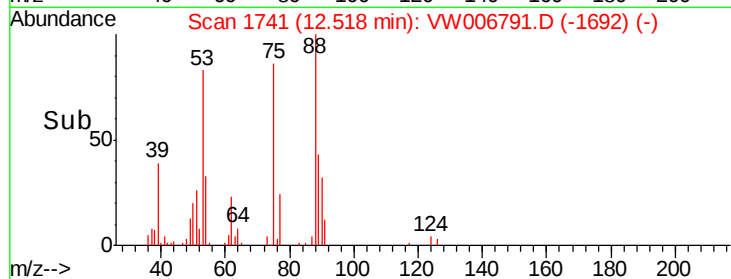
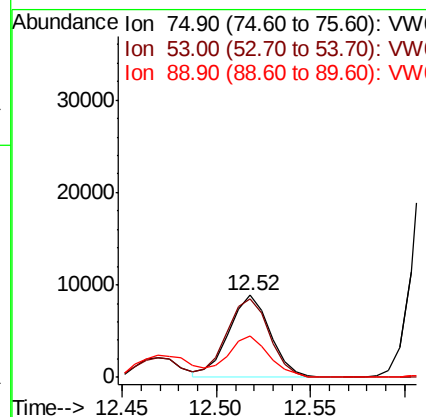
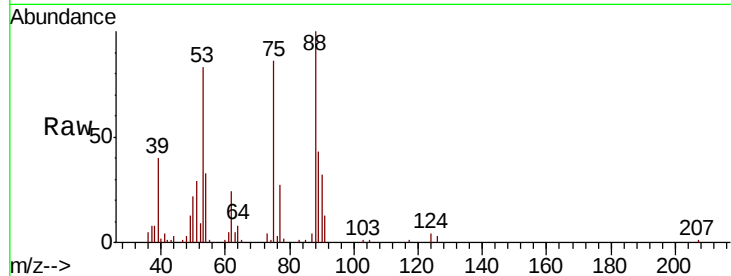
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.571 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.7  | 74.0  | 111.0 |
| 89      | 50.3  | 38.1  | 57.1  |

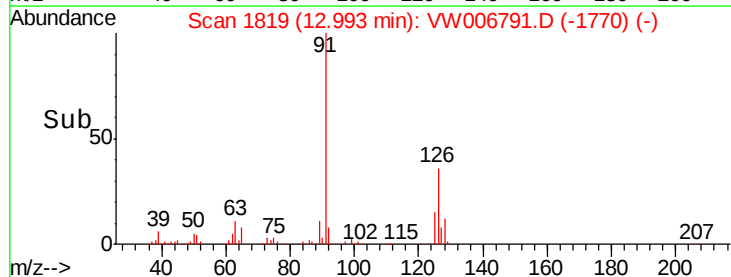
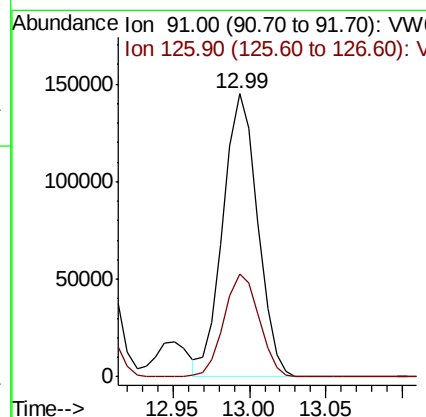
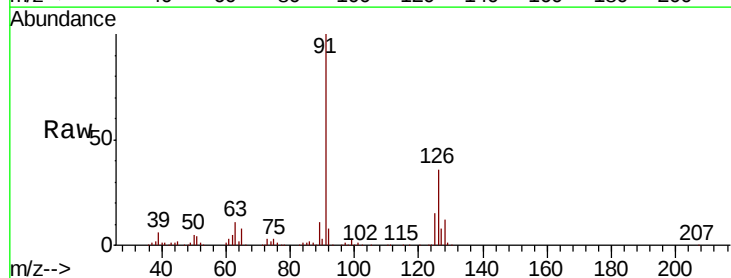
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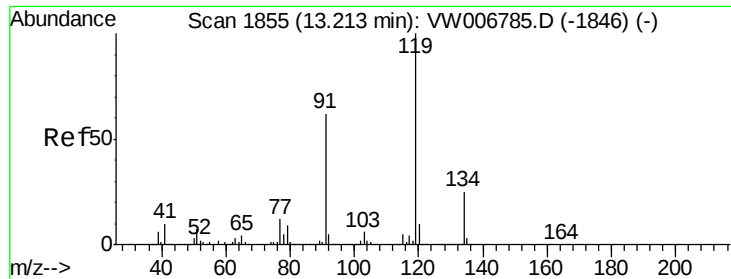
apatel  
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#82  
4-Chlorotoluene  
Concen: 20.611 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.7  | 18.6  | 55.6  |





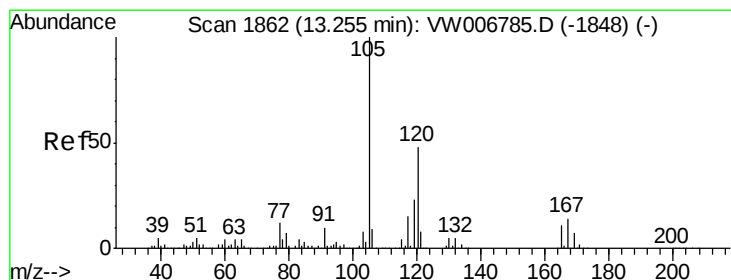
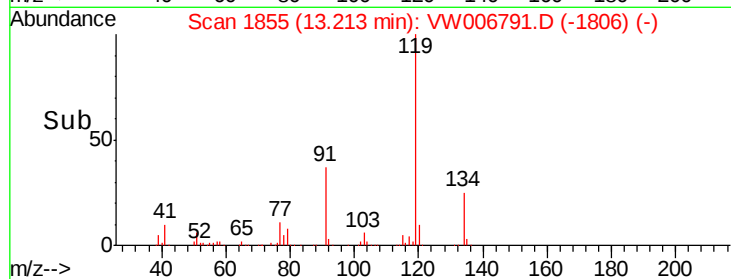
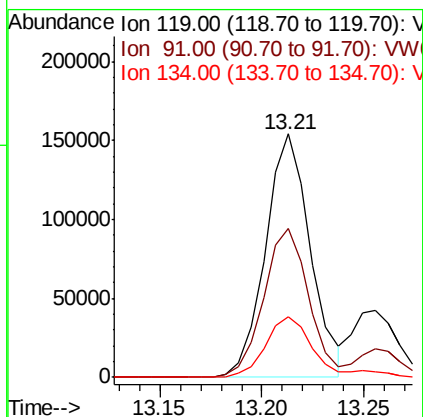
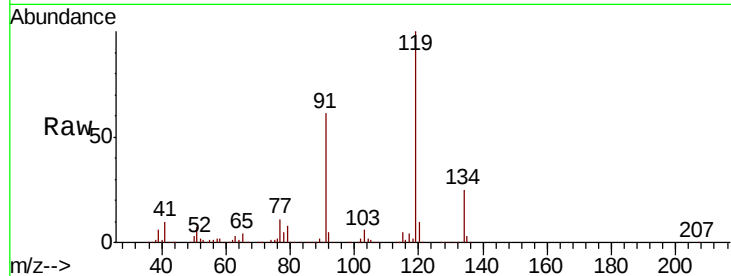
#83  
tert-Butylbenzene  
Concen: 20.340 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.4  | 30.4  | 91.2  |
| 134     | 25.3  | 13.6  | 40.7  |

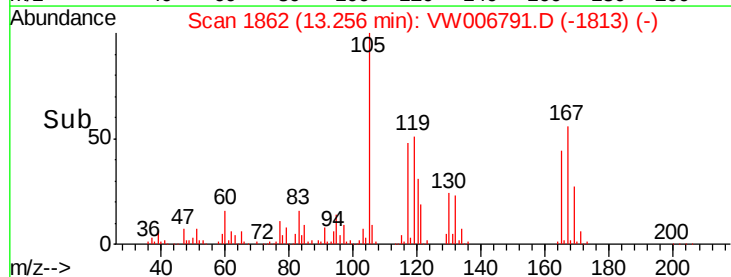
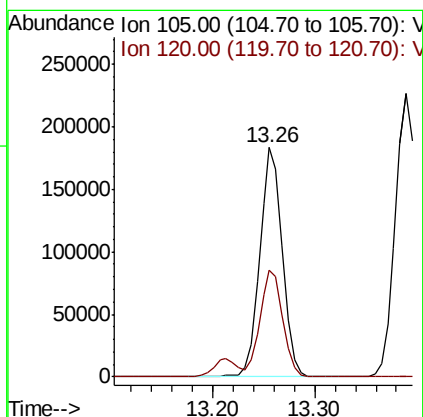
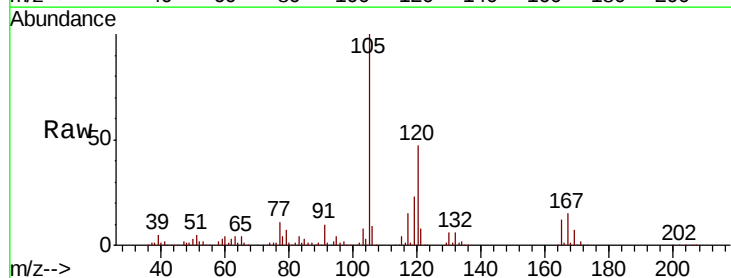
Manual Integrations  
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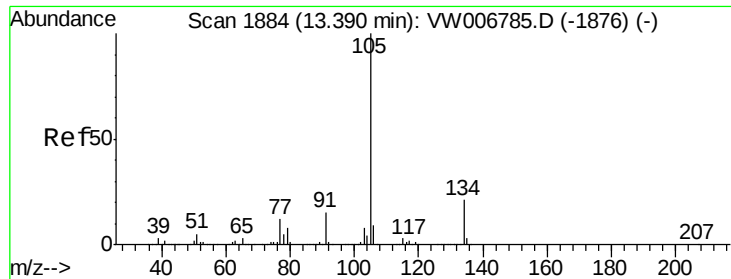
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 20.533 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.7  | 23.4  | 70.0  |





#85

sec-Butylbenzene

Concen: 20.432 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

ClientSampleId :

VW1109SBS01

Tot Ion:105 Resp: 339686

Ion Ratio Lower Upper

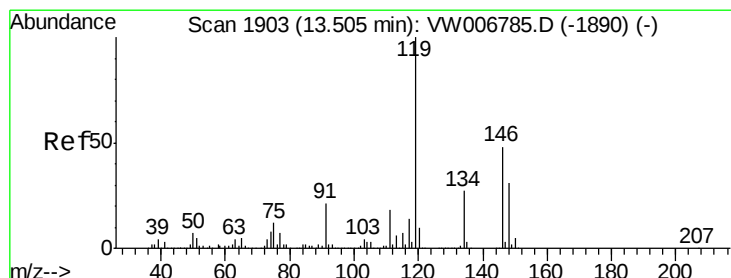
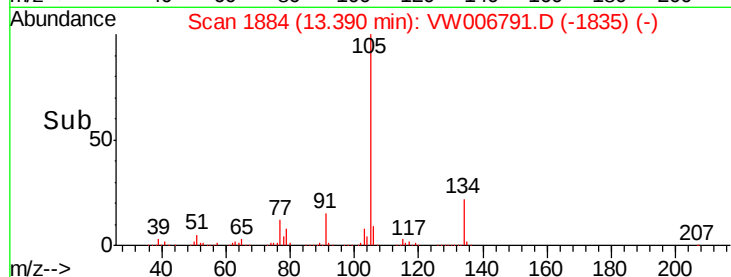
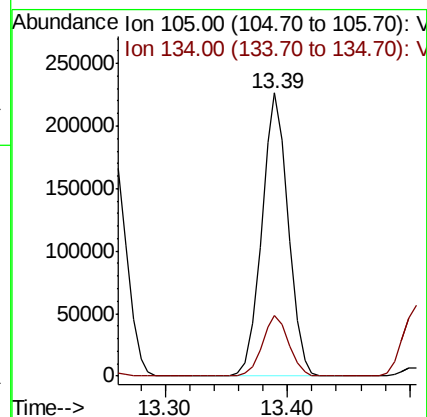
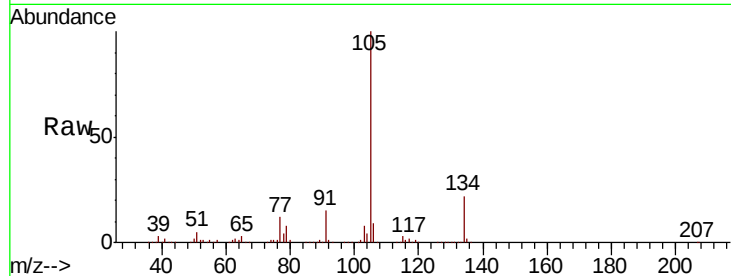
105 100

134 21.3 10.7 32.1

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 20.405 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

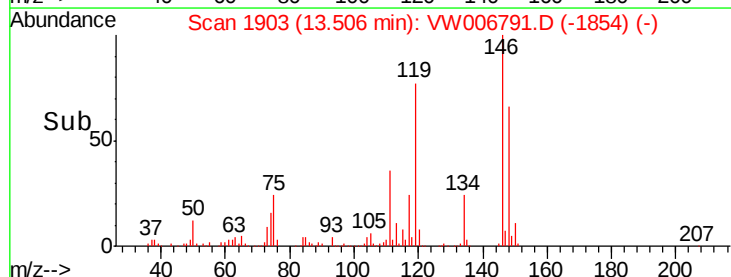
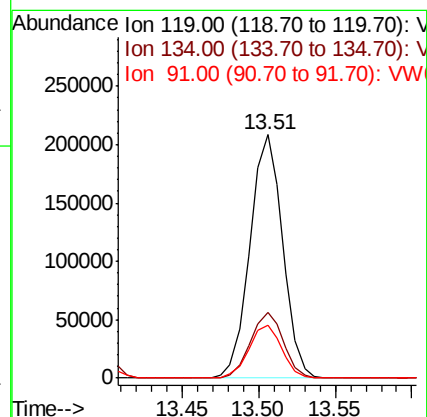
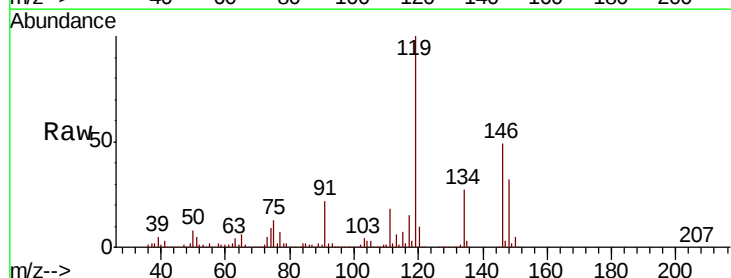
Tgt Ion:119 Resp: 309433

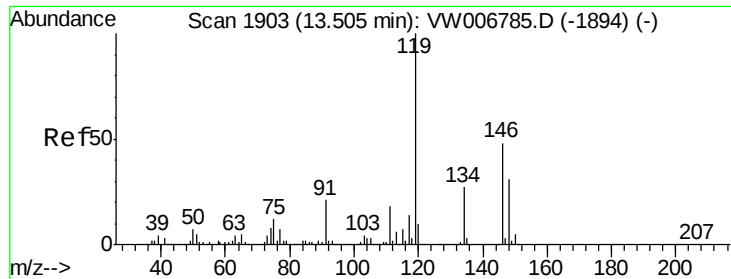
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 21.9 10.8 32.4





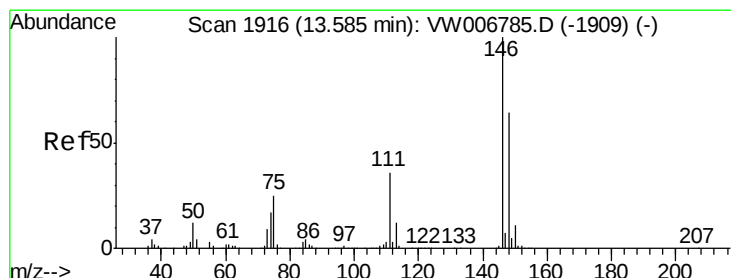
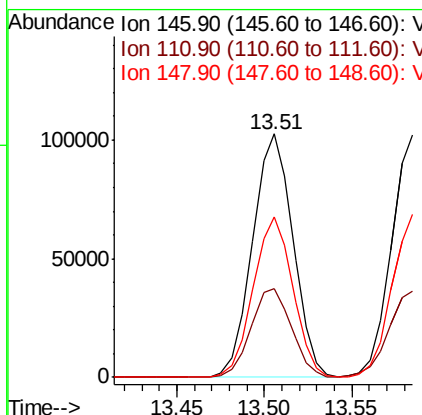
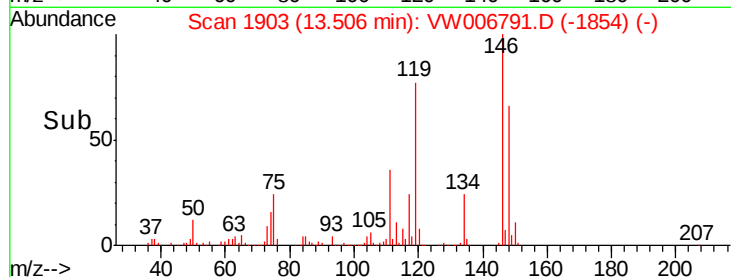
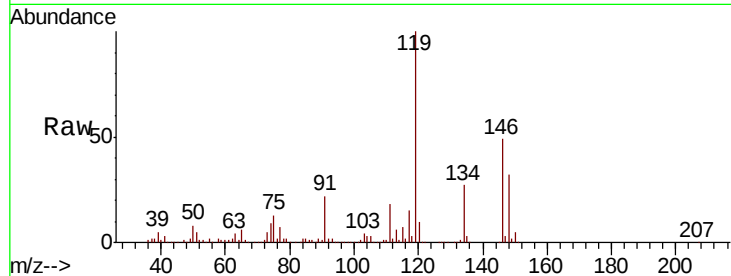
#87  
 1,3-Dichlorobenzene  
 Concen: 20.245 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 165010 |       |       |
| 111     | 36.5  | 18.4   | 55.0  |       |
| 148     | 64.6  | 31.9   | 95.9  |       |

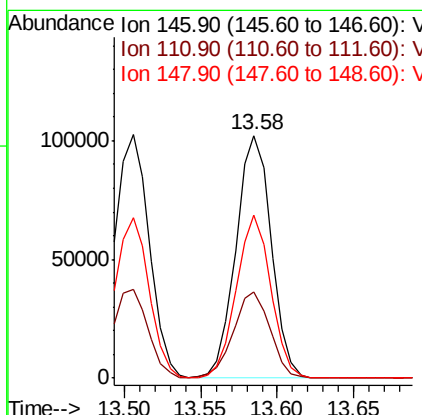
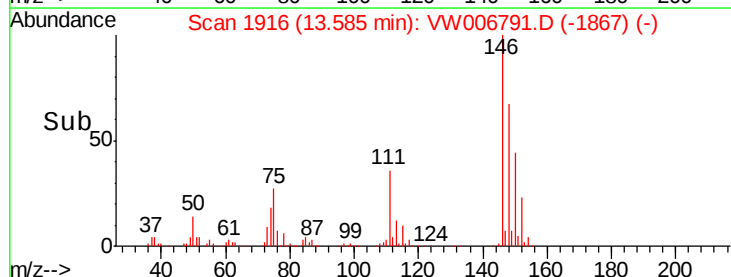
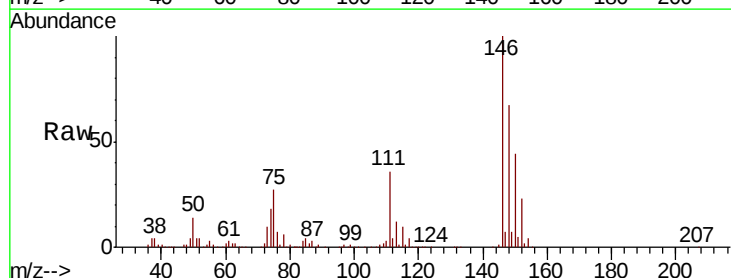
Manual Integrations  
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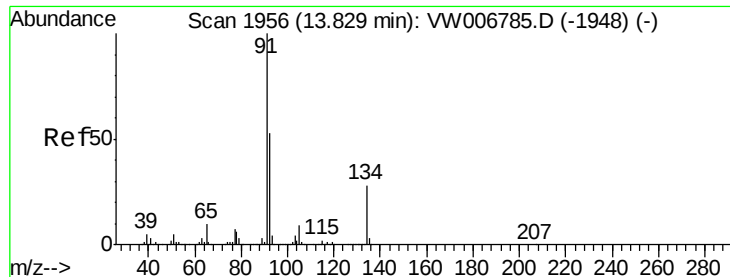
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.203 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 164005 |       |       |
| 111     | 36.9  | 18.1   | 54.1  |       |
| 148     | 65.4  | 32.2   | 96.6  |       |





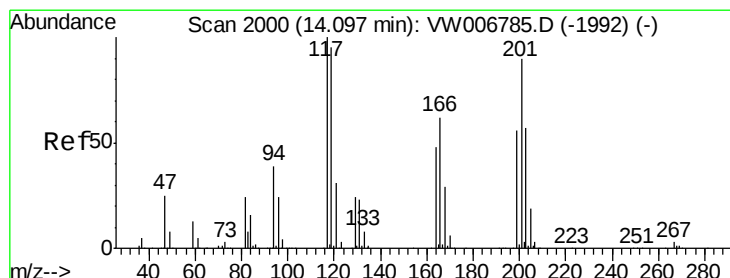
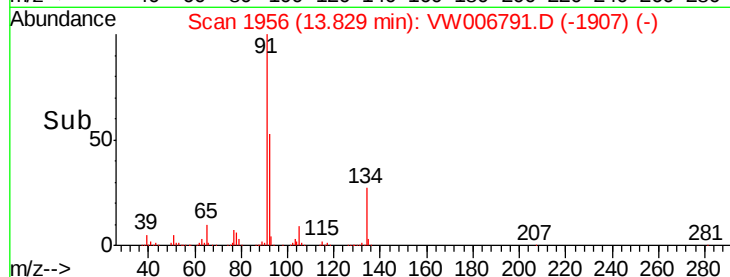
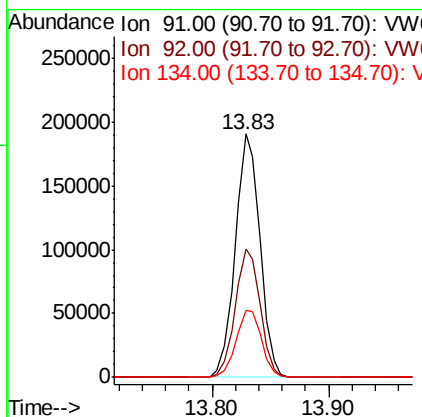
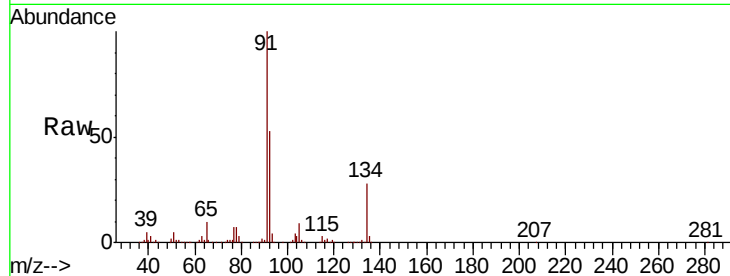
#89  
n-Butylbenzene  
Concen: 20.079 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.2  | 26.1  | 78.2  |
| 134     | 28.5  | 14.2  | 42.8  |

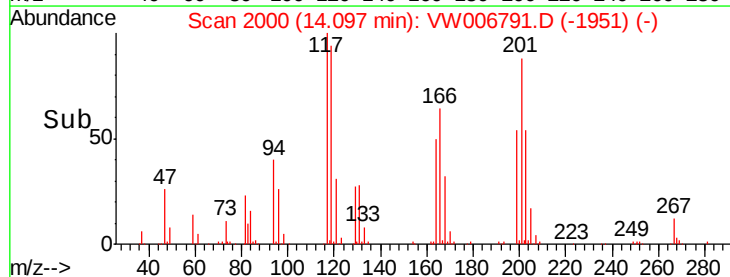
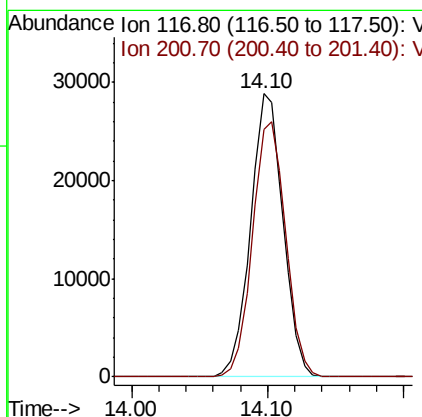
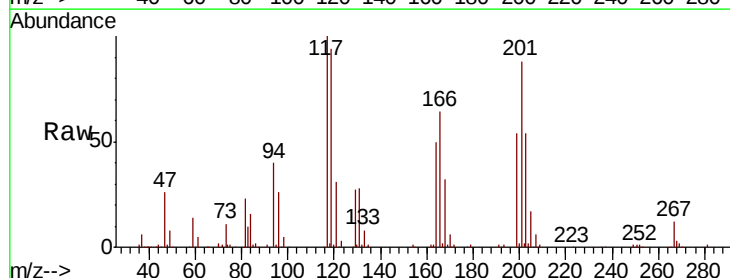
Manual Integrations  
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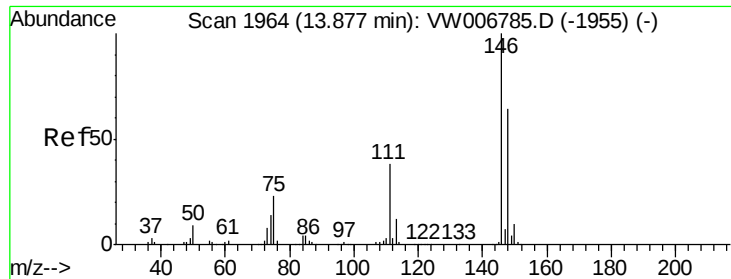
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#90  
Hexachloroethane  
Concen: 20.382 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006791.D  
Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 91.7  | 47.0  | 141.2 |





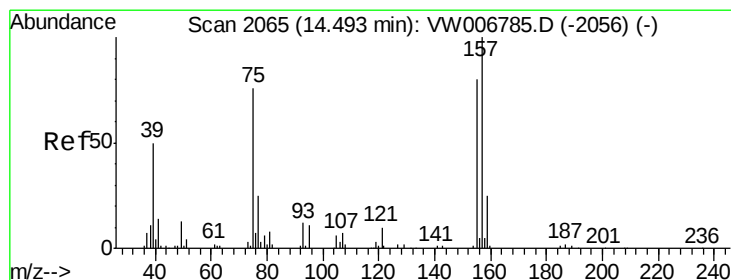
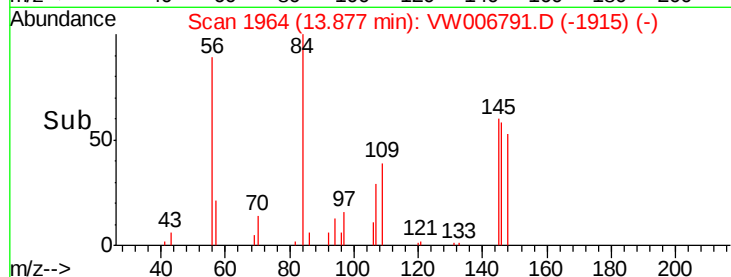
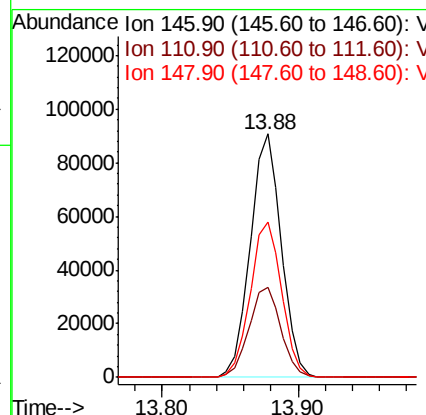
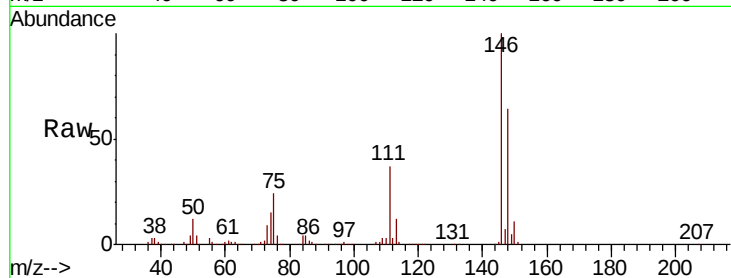
#91  
 1,2-Dichlorobenzene  
 Concen: 20.331 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.1  | 57.3  |
| 148     | 64.9  | 32.0  | 96.2  |

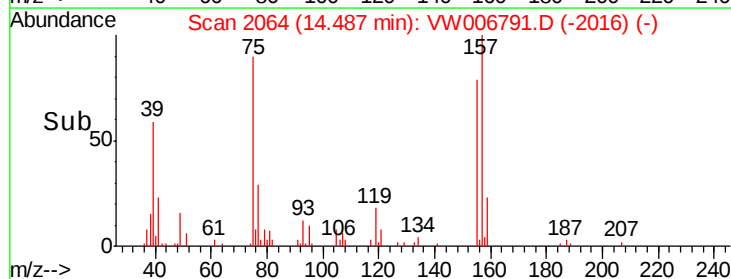
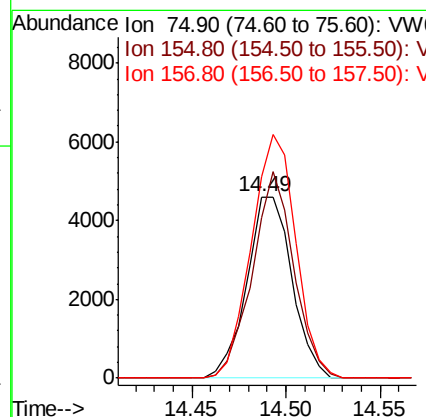
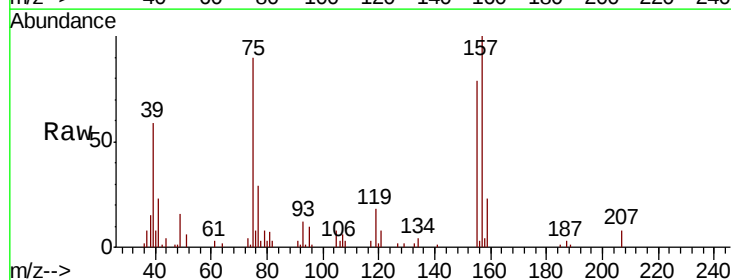
Manual Integrations  
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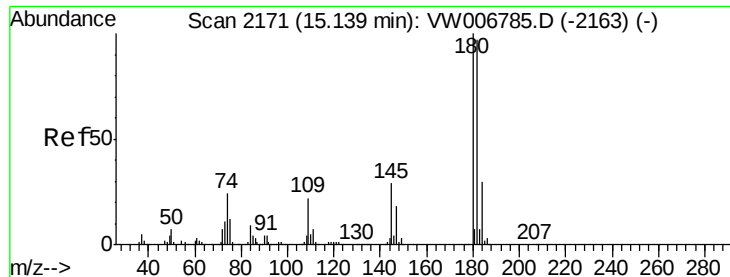
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.517 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 104.0 | 51.0  | 153.1 |
| 157     | 131.6 | 65.5  | 196.5 |





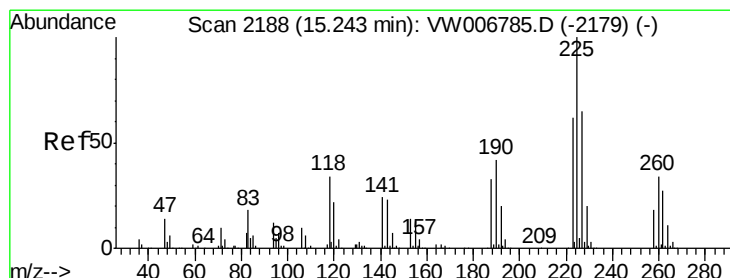
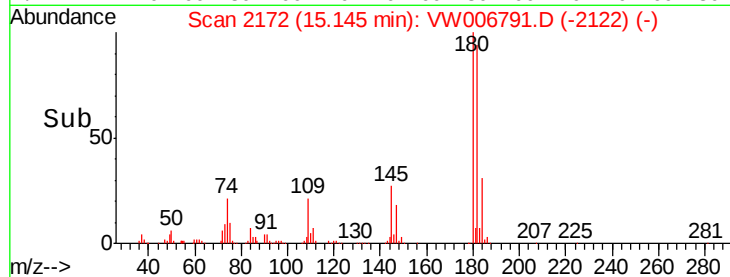
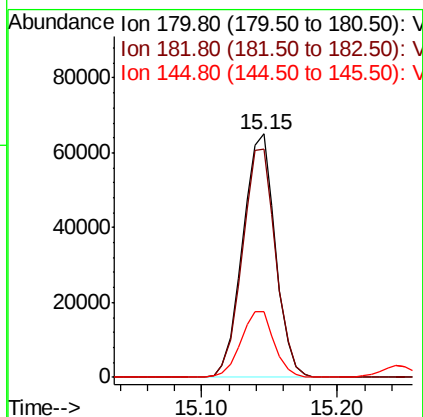
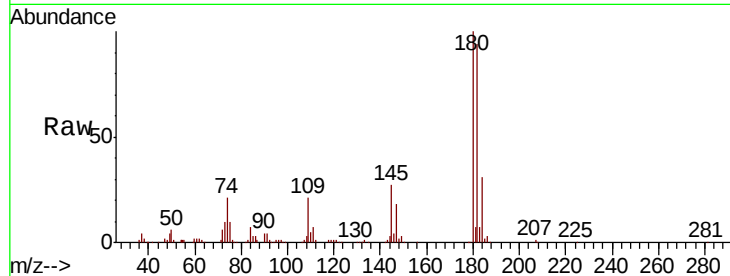
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.632 ug/l  
 RT: 15.15 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1109SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.8  | 47.9 | 143.8 |       |
| 145     | 27.6  | 14.1 | 42.3  |       |

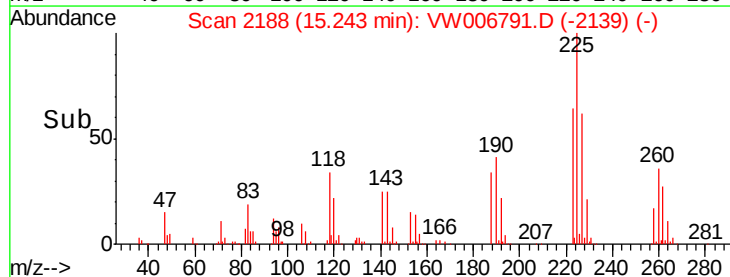
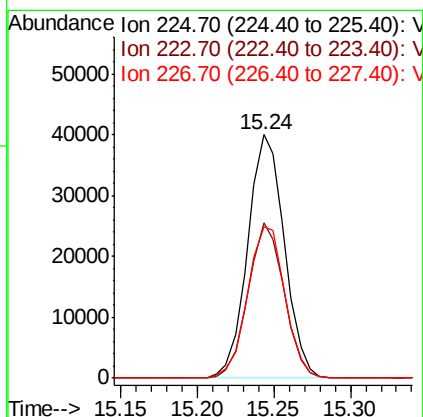
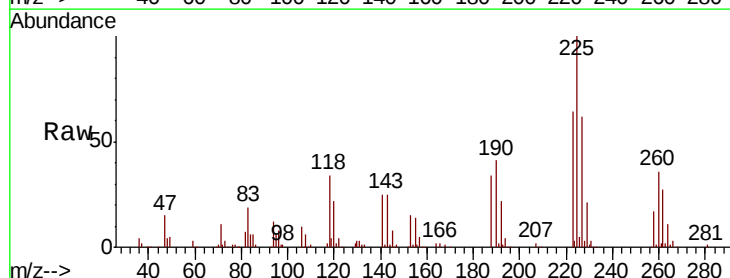
Manual Integrations  
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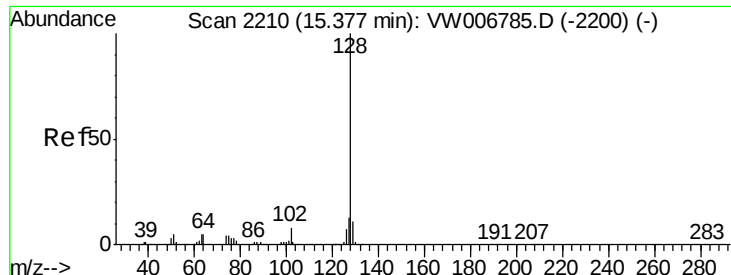
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#94  
 Hexachlorobutadiene  
 Concen: 19.994 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006791.D  
 Acq: 09 Nov 2018 17:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.8  | 30.9 | 92.5  |       |
| 227     | 63.9  | 31.9 | 95.7  |       |





#95

Naphthalene

Concen: 20.571 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

Instrument :

MSVOA\_W

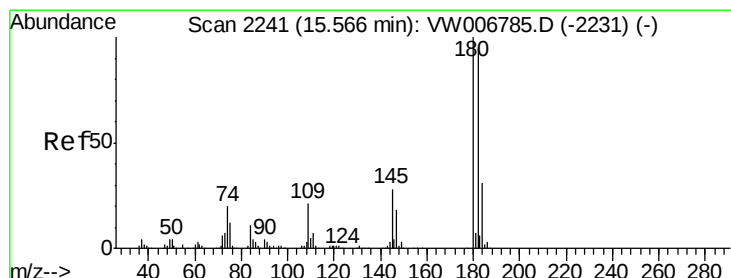
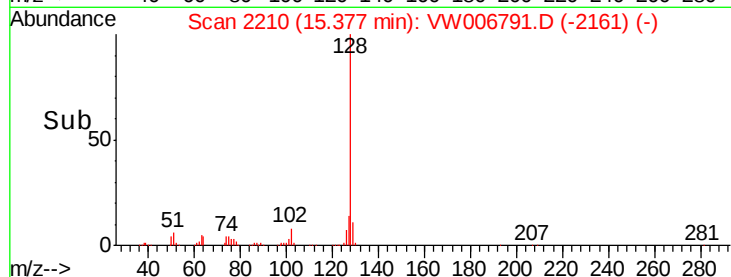
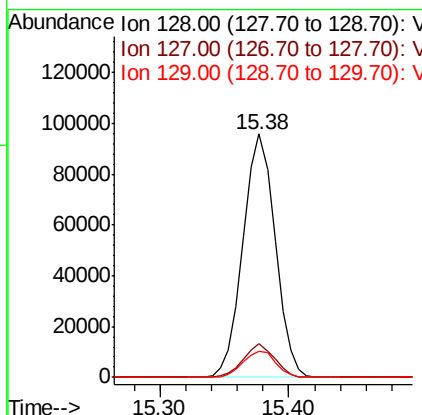
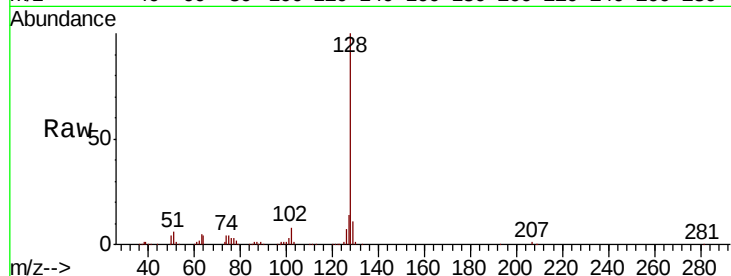
ClientSampleId :

VW1109SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 166143 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.6  | 15.8   |
| 129       | 10.9  | 8.8   | 13.2   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 20.711 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006791.D

Acq: 09 Nov 2018 17:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 94569 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.8  | 47.8  | 143.4 |
| 145       | 29.7  | 14.5  | 43.6  |

