

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\  
 Data File : VW006549.D  
 Acq On : 01 Nov 2018 02:56  
 Operator : SY/AP  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVWV110218

Manual Integrations  
 APPROVED

apatel  
 11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 295602   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 425976   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 393188   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 222002   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 127444   | 50.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.32% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 132786   | 49.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.34%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 510791   | 50.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.38% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 186259   | 50.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.96% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 72430  | 47.266  | ug/l   | 95     |
| 3) Chloromethane              | 2.22 | 50  | 92860  | 48.976  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.37 | 62  | 128089 | 48.383  | ug/l   | 97     |
| 5) Bromomethane               | 2.79 | 94  | 104641 | 47.098  | ug/l   | 100    |
| 6) Chloroethane               | 2.93 | 64  | 86534  | 46.781  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 115914 | 49.582  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.68 | 74  | 62078  | 48.576  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 123698 | 49.550  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.27 | 142 | 214765 | 47.446  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.22 | 59  | 37105  | 271.025 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 118084 | 48.974  | ug/l   | 100    |
| 13) Acrolein                  | 3.90 | 56  | 44167  | 256.501 | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 155031 | 49.258  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 121339 | 264.805 | ug/l   | 98     |
| 16) Acetone                   | 4.14 | 43  | 103398 | 252.043 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 347571 | 50.656  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.68 | 43  | 61000  | 51.710  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 179789 | 50.094  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.91 | 84  | 127146 | 47.529  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 134962 | 49.467  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.31 | 45  | 320346 | 48.822  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 956183 | 262.786 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 214872 | 48.319  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 155711 | 265.993 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 129619 | 48.388  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 149714 | 49.048  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 87277  | 49.427  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 99368  | 269.875 | ug/l   | 98     |
| 30) Chloroform                | 7.68 | 83  | 236728 | 48.554  | ug/l   | 96     |
| 31) Cyclohexane               | 7.96 | 56  | 190336 | 47.027  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 203854 | 49.412  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 184292 | 49.196  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 70632  | 54.409  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 197063 | 50.344  | ug/l   | 98     |

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 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICSVW110218

Manual Integrations  
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apatel  
 11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 242152   | 50.938   | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 521535   | 49.016   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 44978    | 56.503   | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 150674   | 49.378   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 141038   | 54.445   | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 162116   | 49.375   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 120923   | 48.835   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 72925    | 50.100   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 170486   | 50.443   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.44  | 41   | 68892    | 55.199   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 22227    | 1043.411 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 366661   | 275.597  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 349767   | 49.011   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 169886   | 52.229   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 193058   | 50.227   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 103929   | 50.322   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 127640   | 54.375   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 169371   | 50.504   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 299186   | 262.196  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 251646   | 278.489  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 128862   | 52.662   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 104715   | 51.057   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 155552   | 49.629   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 403392   | 48.755   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 144441   | 49.669   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 685631   | 49.578   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 549027   | 99.369   | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 261692   | 49.751   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 430455   | 50.195   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 83192    | 53.966   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 726749   | 49.694   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 136268   | 53.922   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 121992   | 52.815   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 93373m   | 53.907   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 185199   | 48.911   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 836366   | 49.721   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 472612   | 48.956   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 610836   | 49.717   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 33129    | 49.557   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 500818   | 49.036   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 548447   | 50.056   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 621618   | 49.326   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 769679   | 50.157   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 693017   | 49.632   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 364774   | 48.917   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 360951   | 48.832   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 618023   | 49.861   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 118246   | 51.526   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 326348   | 48.653   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 20195    | 53.883   | ug/l   | 99       |

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Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

Manual Integrations  
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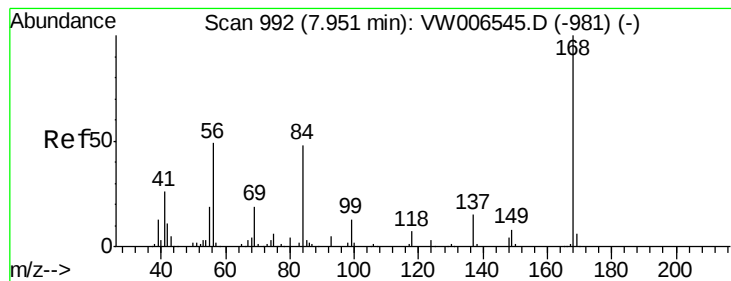
apatel  
11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 01 03:48:08 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 245238   | 49.169 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 149922   | 48.229 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 440940   | 55.007 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 219961   | 50.179 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion:168 Resp: 295602

Ion Ratio Lower Upper

168 100

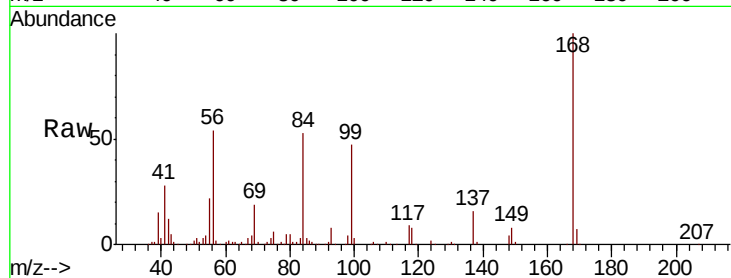
99 47.1 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

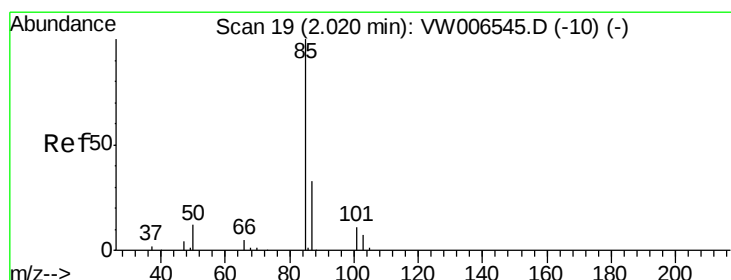
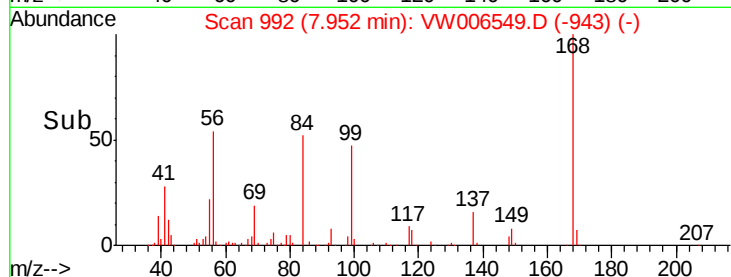
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.266 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006549.D

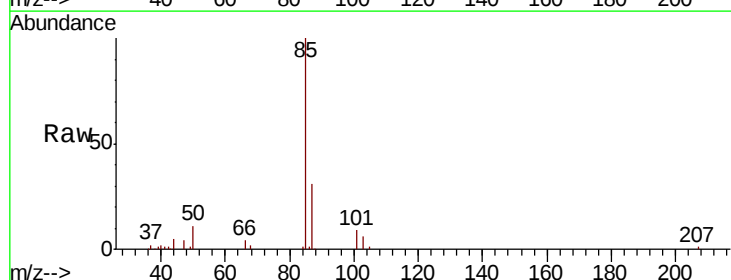
Acq: 01 Nov 2018 02:56

Tgt Ion: 85 Resp: 72430

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

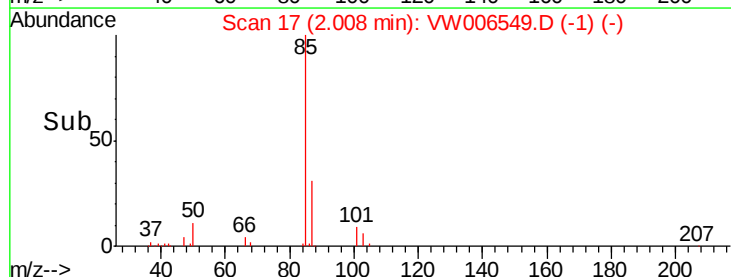
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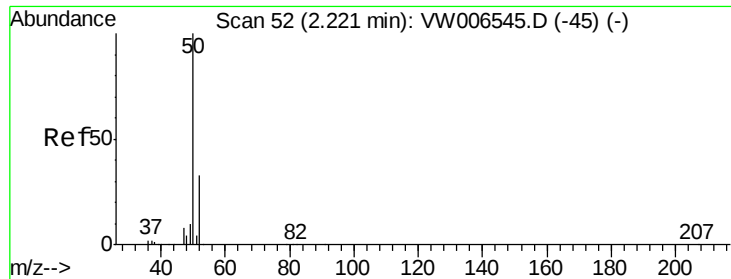
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0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 48.976 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVW110218

Tot Ion: 50 Resp: 92860

Ion Ratio Lower Upper

50 100

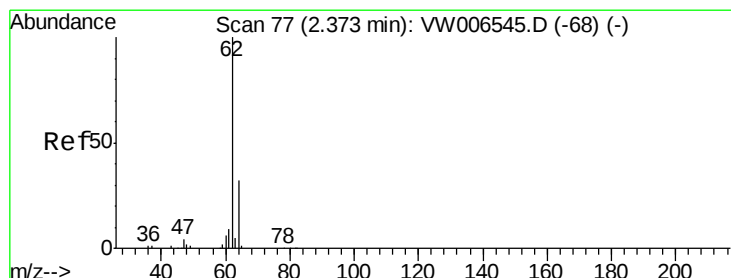
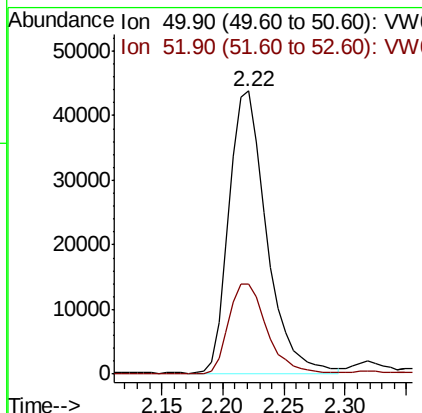
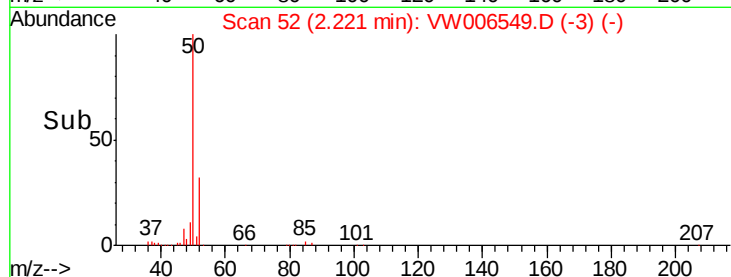
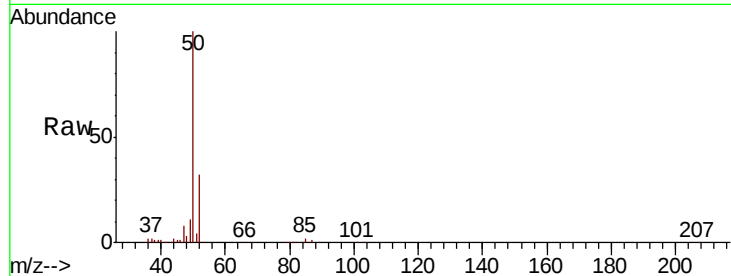
52 31.8 26.2 39.4

Manual Integrations

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11/2/2018 3:20:20 PM



#4

Vinyl Chloride

Concen: 48.383 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006549.D

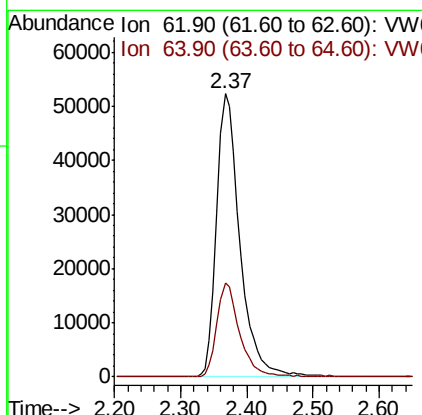
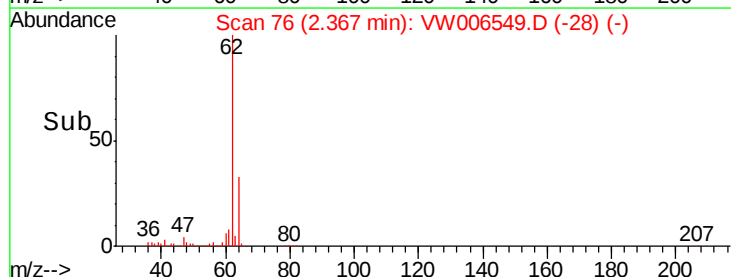
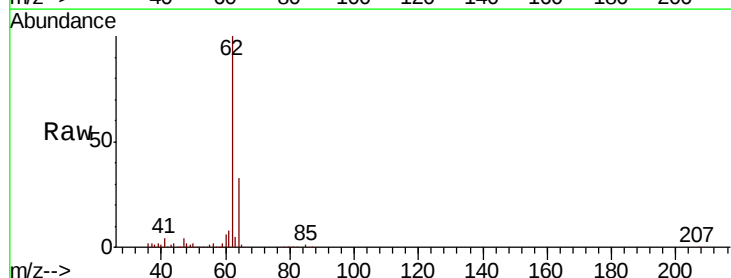
Acq: 01 Nov 2018 02:56

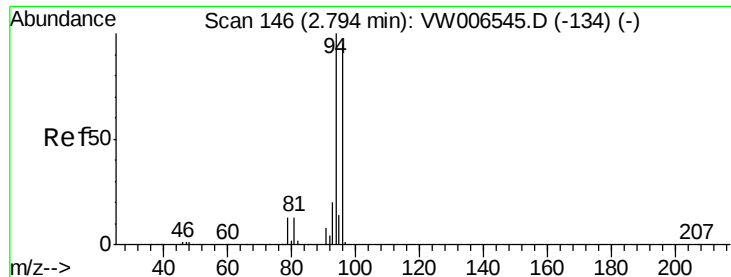
Tgt Ion: 62 Resp: 128089

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 47.098 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 94 Resp: 104641

Ion Ratio Lower Upper

94 100

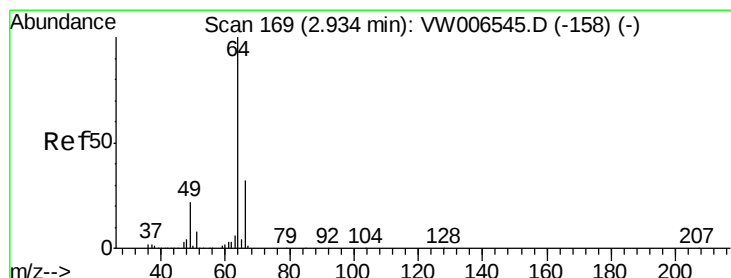
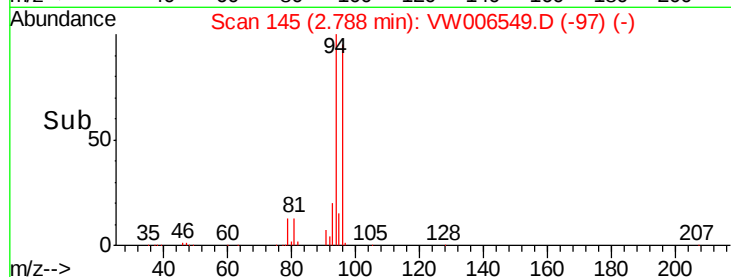
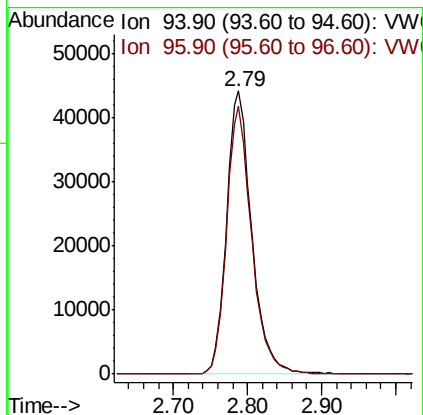
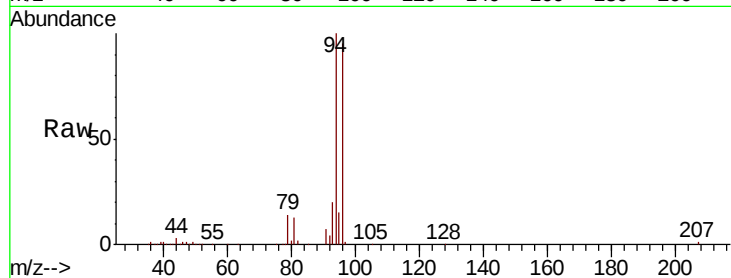
96 94.7 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 46.781 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006549.D

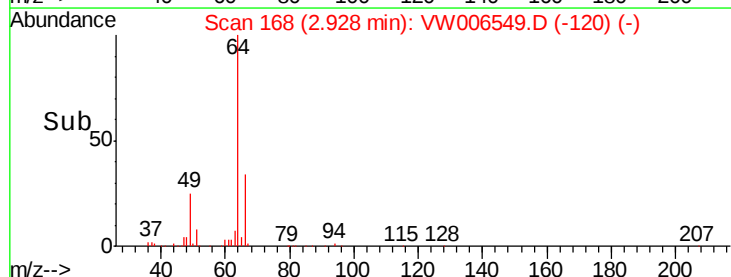
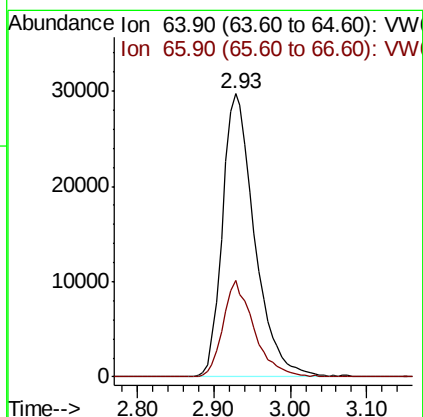
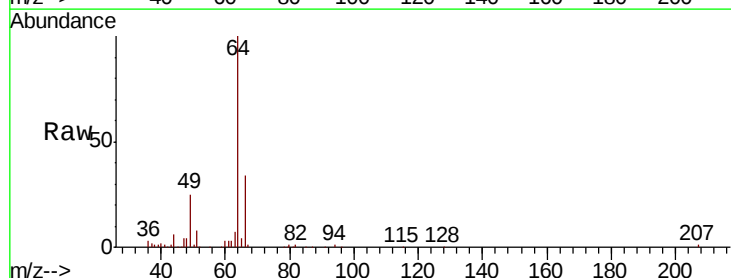
Acq: 01 Nov 2018 02:56

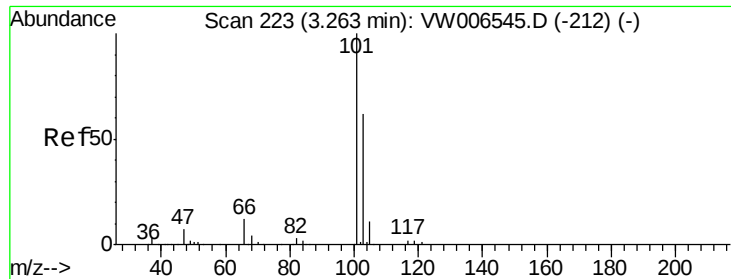
Tgt Ion: 64 Resp: 86534

Ion Ratio Lower Upper

64 100

66 34.3 25.9 38.9





#7

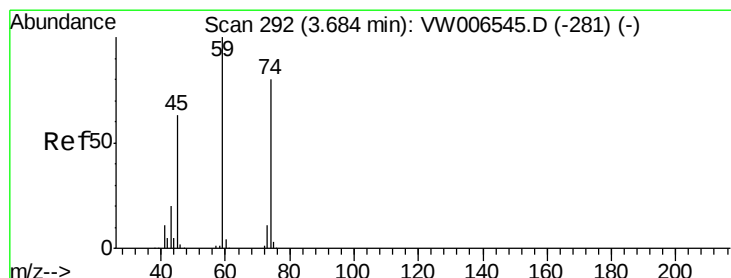
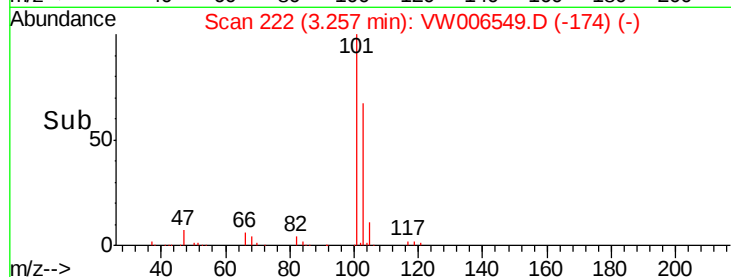
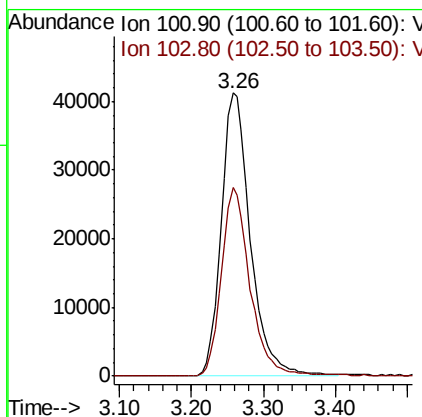
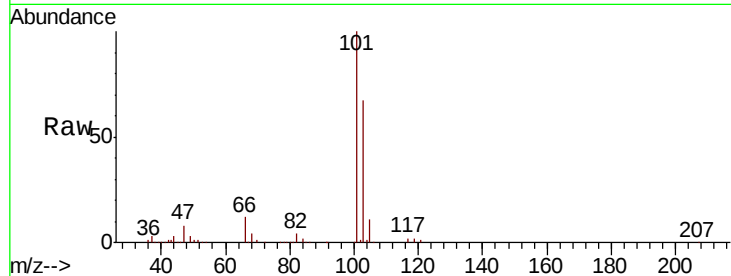
Trichlorofluoromethane  
 Concen: 49.582 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.01 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.8  | 49.8  | 74.8  |

Manual Integrations  
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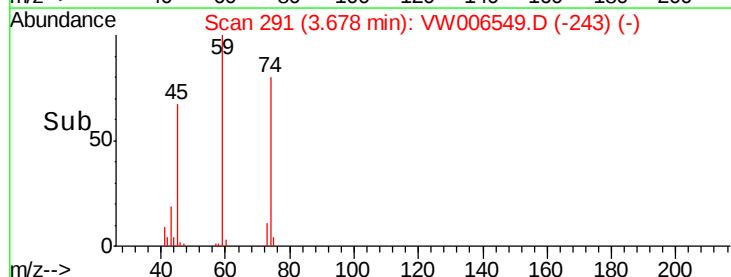
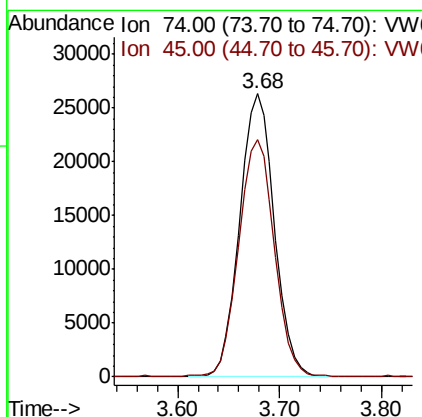
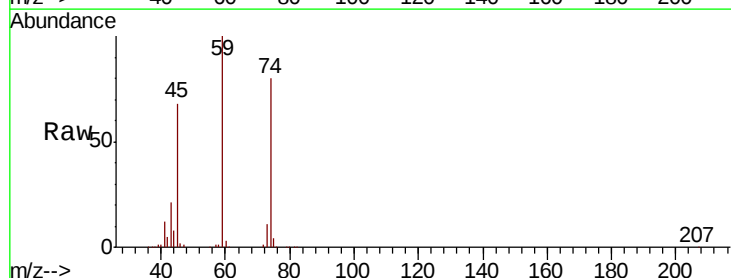
apatel  
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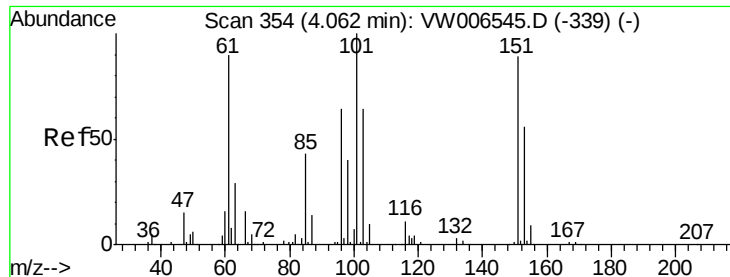


#8

Diethyl Ether  
 Concen: 48.576 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 86.7  | 41.1  | 123.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.550 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

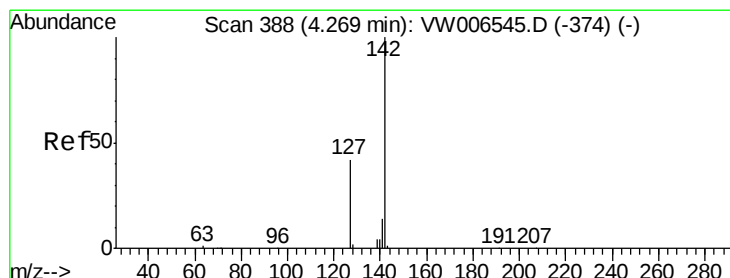
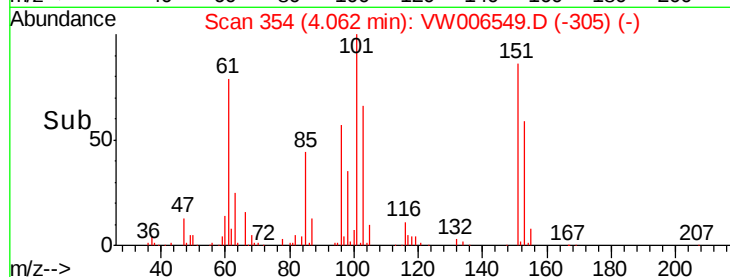
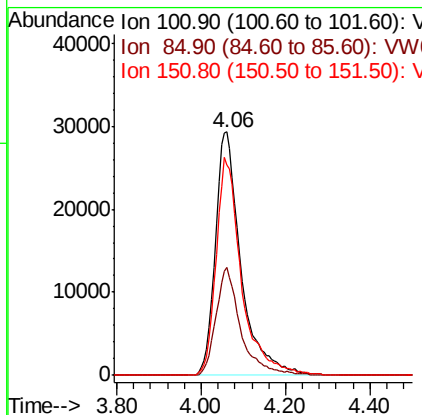
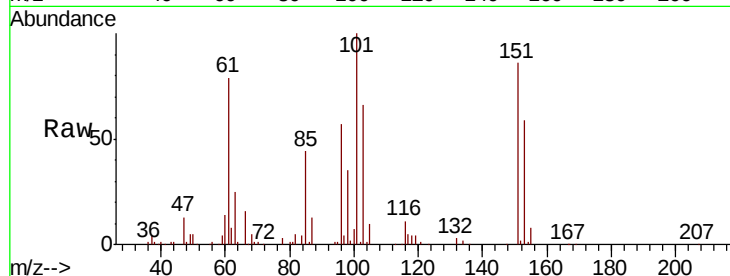
ClientSampleId :

ICVWV110218

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 123698 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.7  | 34.2  | 51.2   |
| 151       | 88.3  | 70.7  | 106.1  |

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#10

Methyl Iodide

Concen: 47.446 ug/l

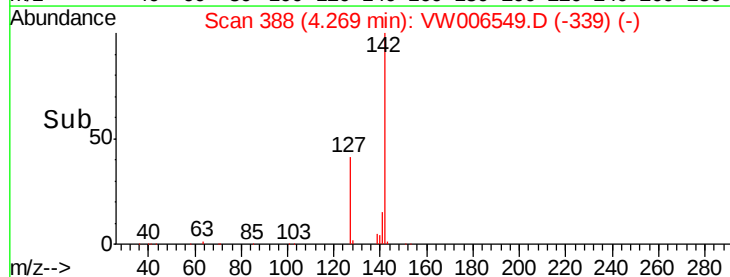
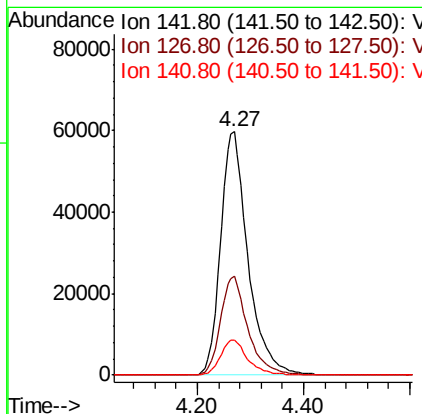
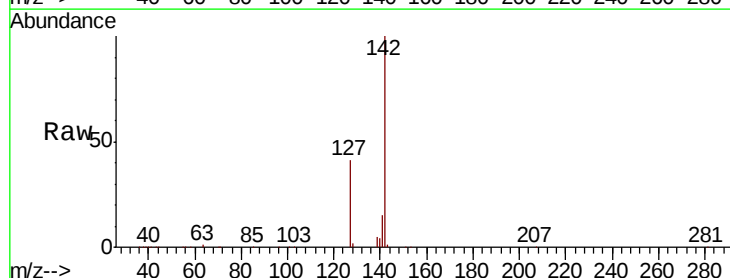
RT: 4.27 min Scan# 388

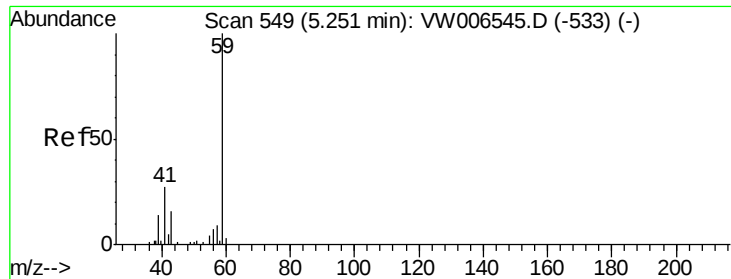
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 214765 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.6  | 32.3  | 48.5   |
| 141       | 14.3  | 11.3  | 16.9   |





#11

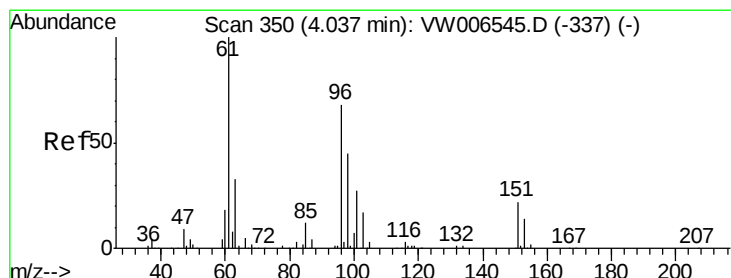
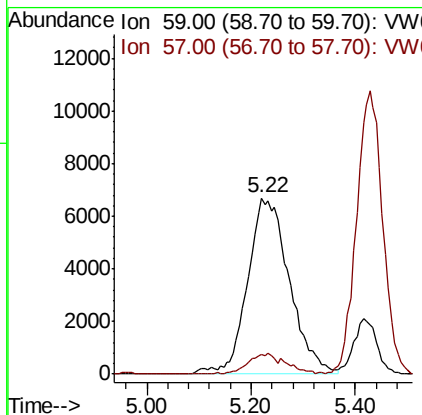
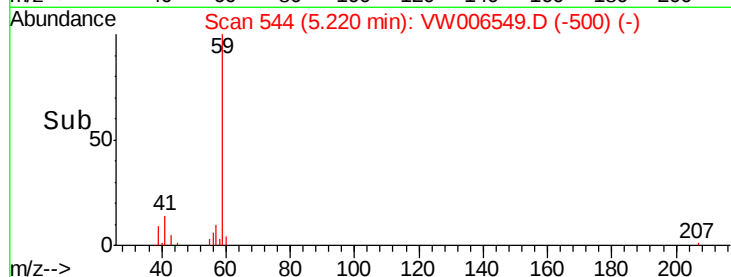
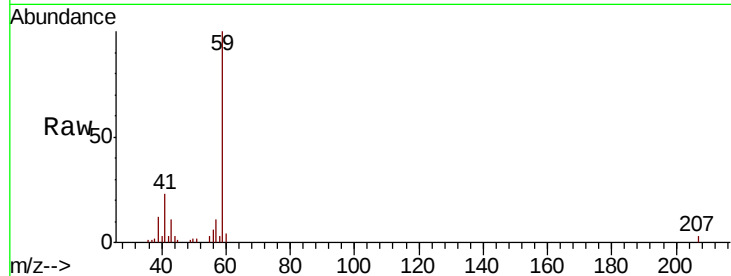
Tert butyl alcohol  
Concen: 271.025 ug/l  
RT: 5.22 min Scan# 544  
Delta R.T. -0.03 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

Tot Ion: 59 Resp: 37105  
Ion Ratio Lower Upper  
59 100  
57 7.5 4.3 6.5#

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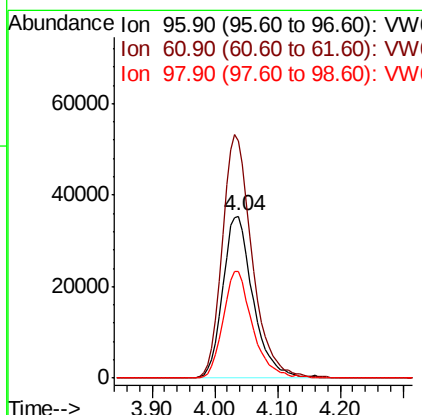
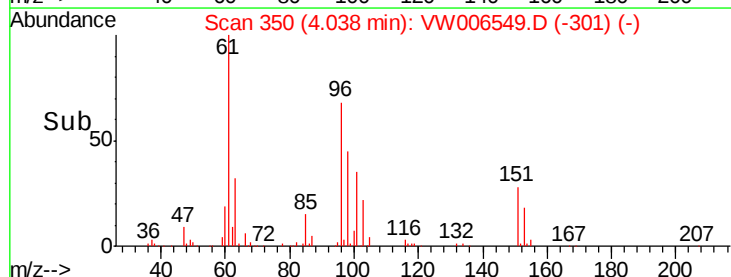
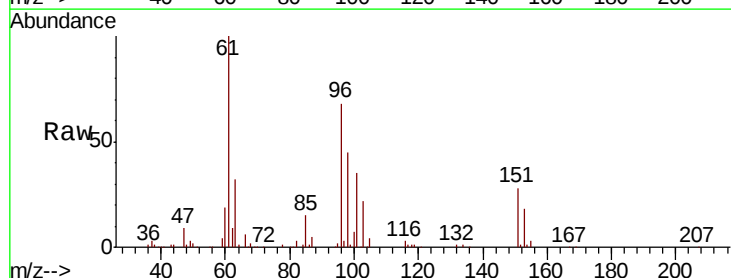
apatel  
11/2/2018 3:20:20 PM

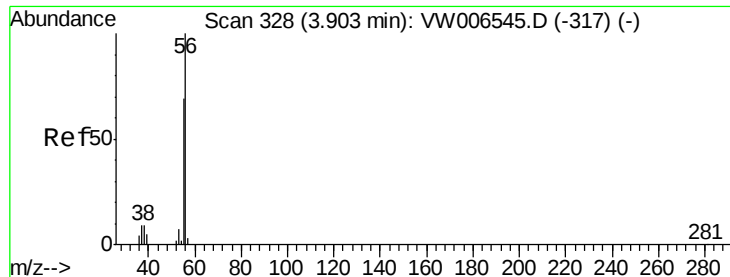


#12

1,1-Dichloroethene  
Concen: 48.974 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Tgt Ion: 96 Resp: 118084  
Ion Ratio Lower Upper  
96 100  
61 146.4 117.0 175.4  
98 65.4 52.5 78.7





#13

Acrolein

Concen: 256.501 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 56 Resp: 44167

Ion Ratio Lower Upper

56 100

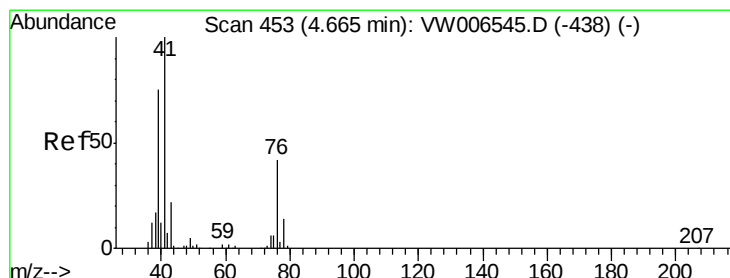
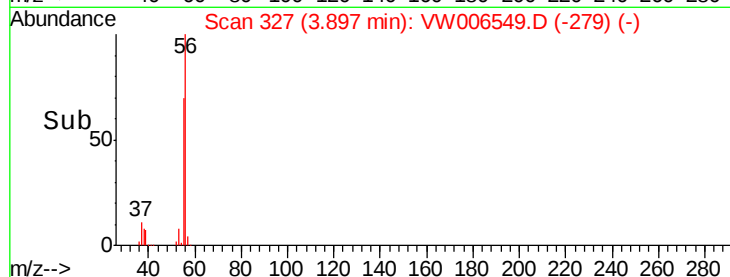
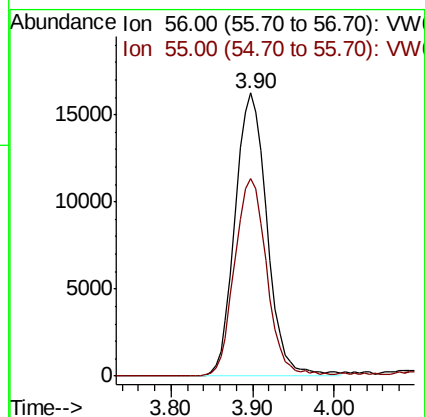
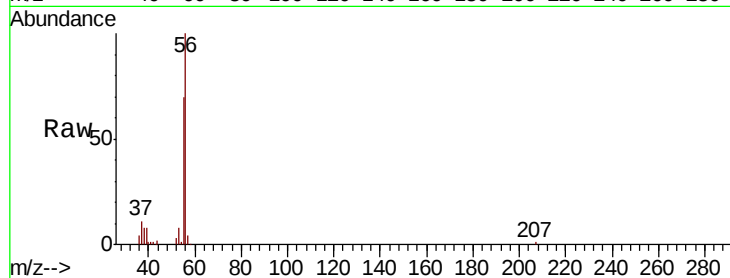
55 70.3 56.9 85.3

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#14

Allyl chloride

Concen: 49.258 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

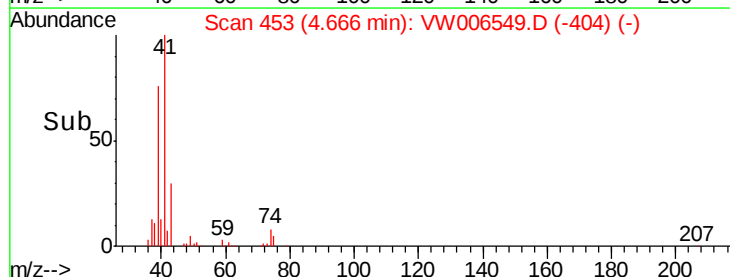
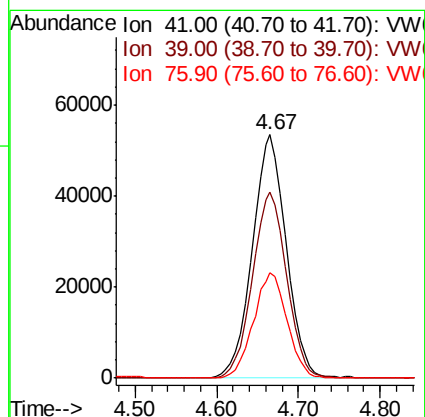
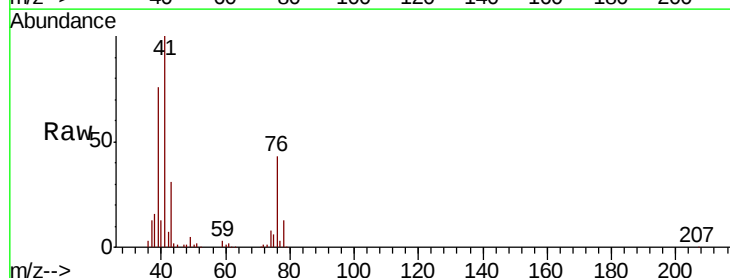
Tgt Ion: 41 Resp: 155031

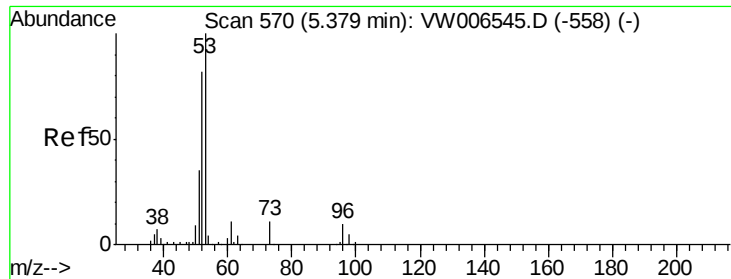
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 43.0 34.2 51.2





#15

Acrylonitrile

Concen: 264.805 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

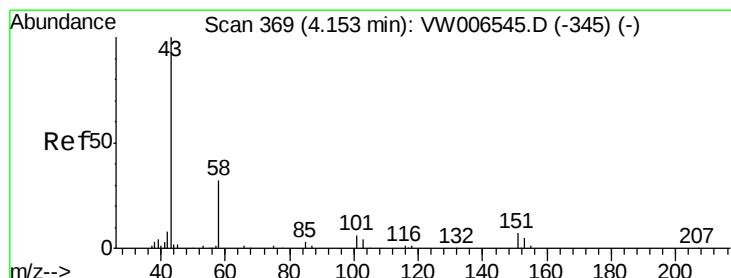
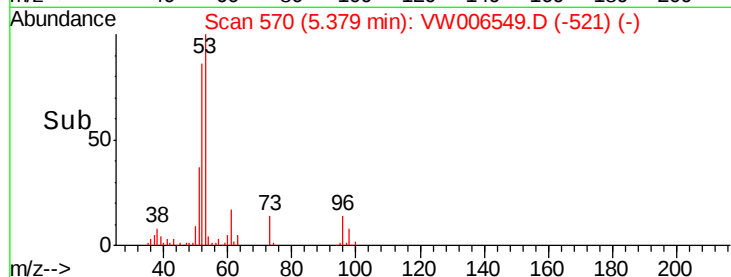
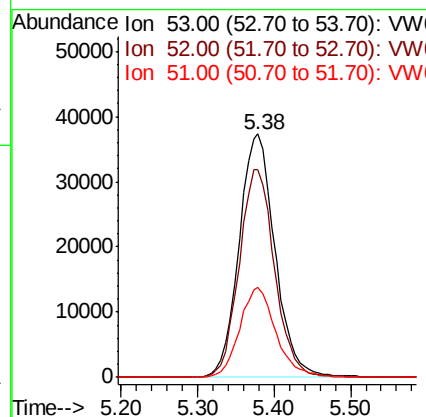
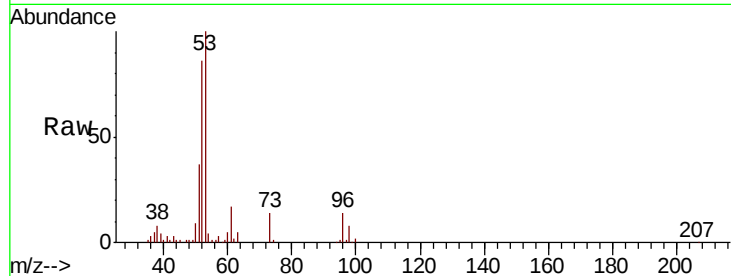
ClientSampleId :

ICVWV110218

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 121339 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 84.5  | 65.8  | 98.8   |
| 51       | 37.3  | 29.6  | 44.4   |

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11/2/2018 3:20:20 PM



#16

Acetone

Concen: 252.043 ug/l

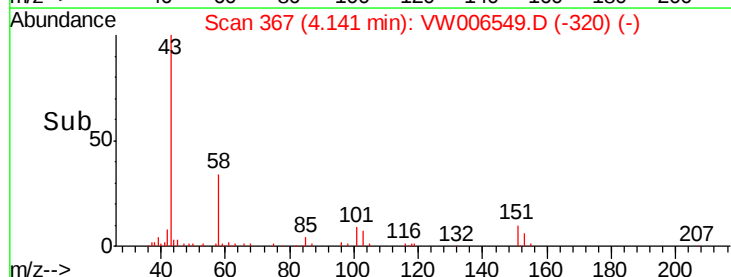
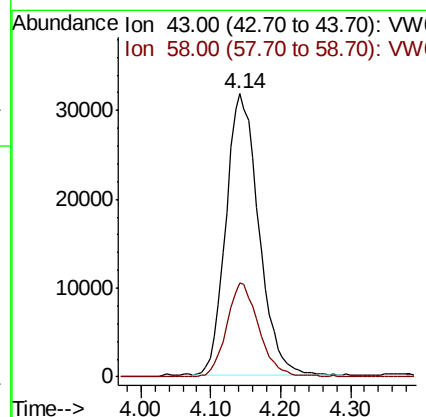
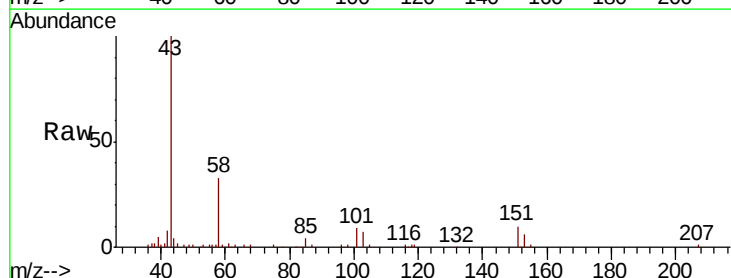
RT: 4.14 min Scan# 367

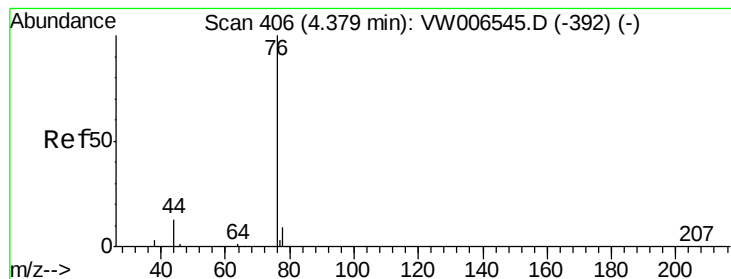
Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 103398 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.4  | 25.8  | 38.8   |





#17

Carbon Disulfide

Concen: 50.656 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 76 Resp: 347571

Ion Ratio Lower Upper

76 100

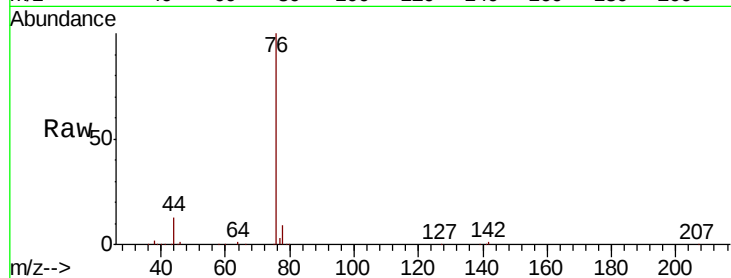
78 9.5 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

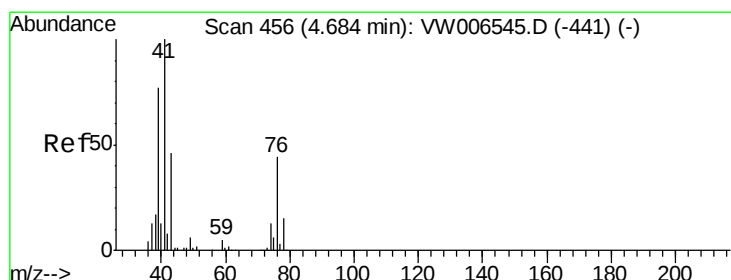
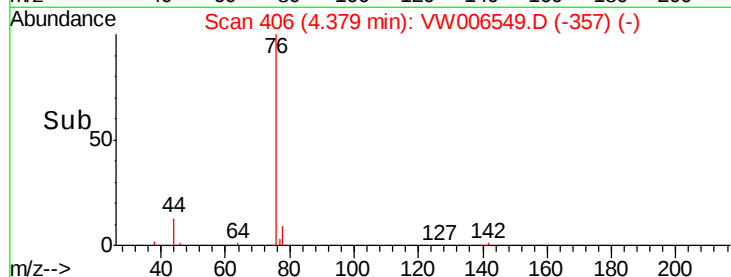
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.710 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006549.D

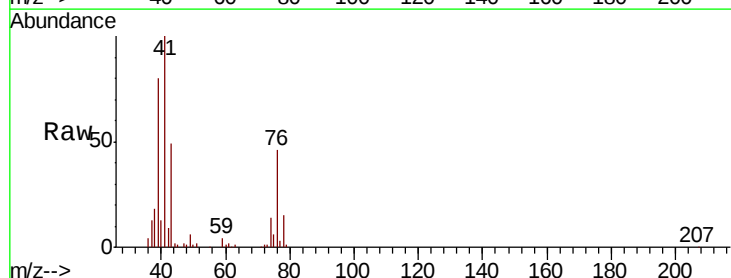
Acq: 01 Nov 2018 02:56

Tgt Ion: 43 Resp: 61000

Ion Ratio Lower Upper

43 100

74 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

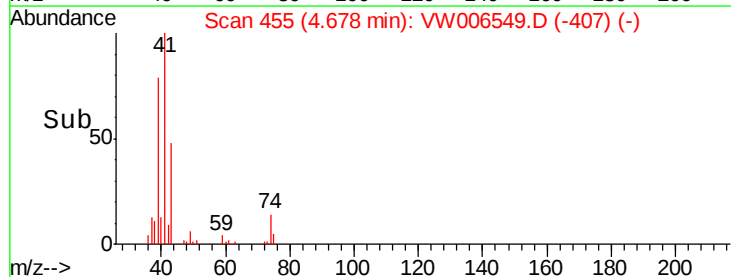
15000

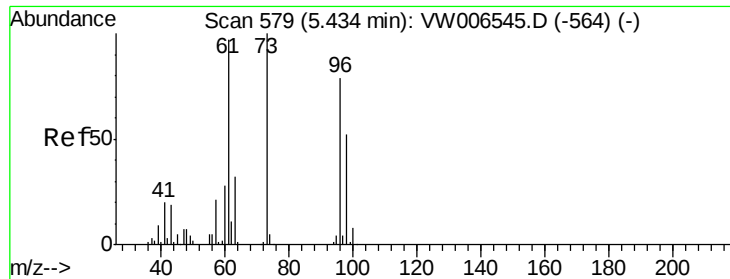
10000

5000

0

Time-->





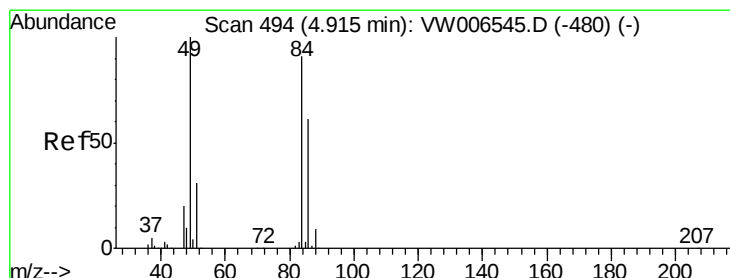
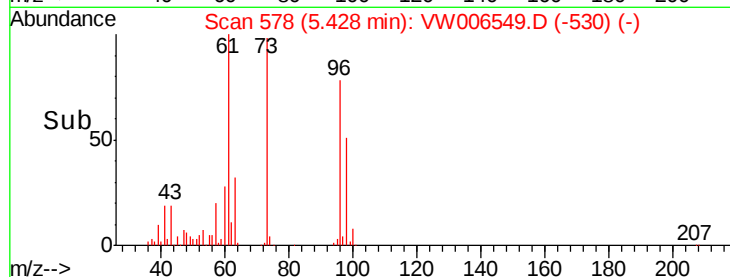
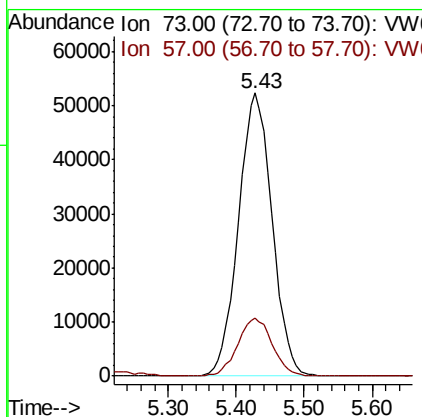
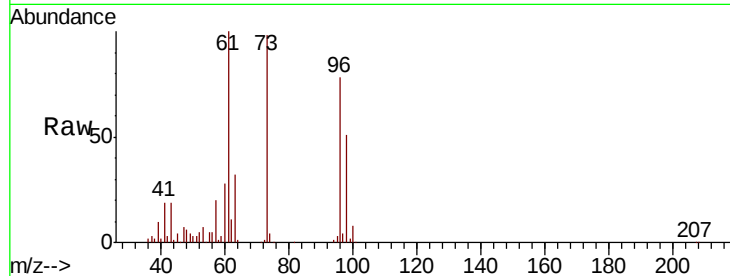
#19  
Methvl tert-butvl Ether  
Concen: 50.094 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

Tot Ion: 73 Resp: 179789  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.7 25.1

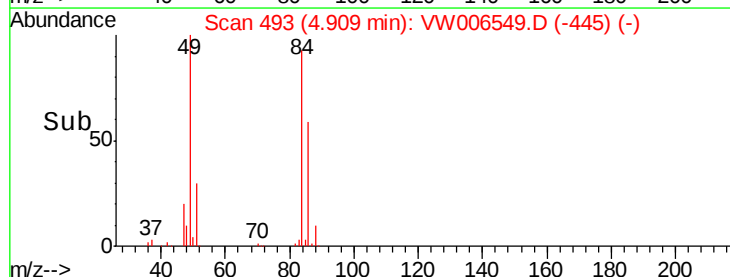
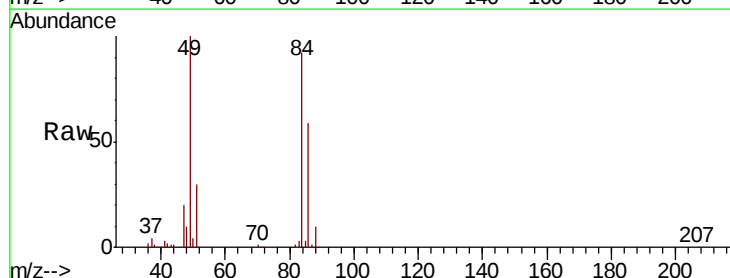
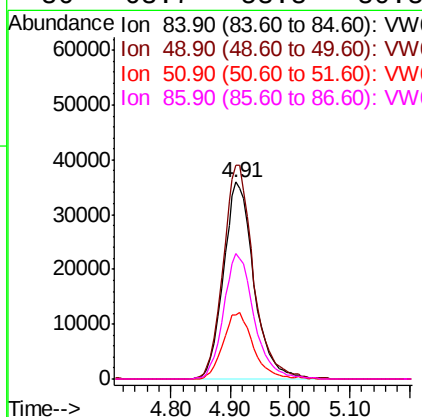
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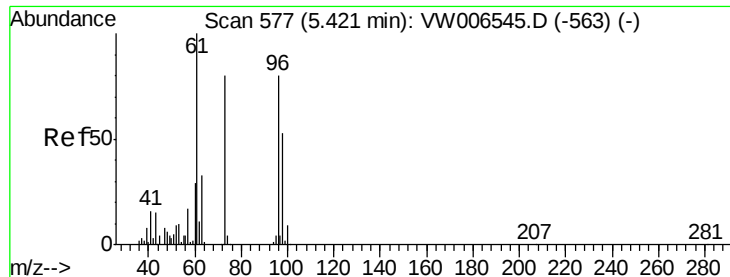
apatel  
11/2/2018 3:20:20 PM



#20  
Methylene Chloride  
Concen: 47.529 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Tgt Ion: 84 Resp: 127146  
Ion Ratio Lower Upper  
84 100  
49 108.3 88.2 132.4  
51 32.8 27.0 40.6  
86 63.7 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.467 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVW110218

Tot Ion: 96 Resp: 134962

Ion Ratio Lower Upper

96 100

61 122.8 100.6 150.8

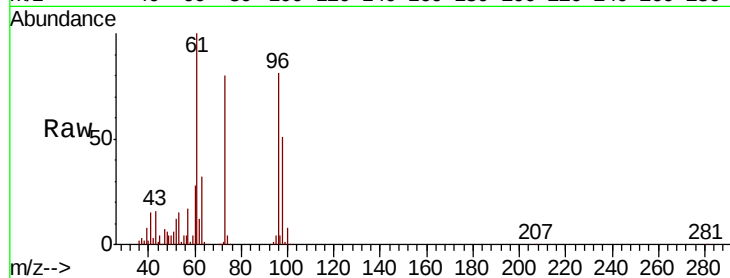
98 63.0 52.9 79.3

Manual Integrations

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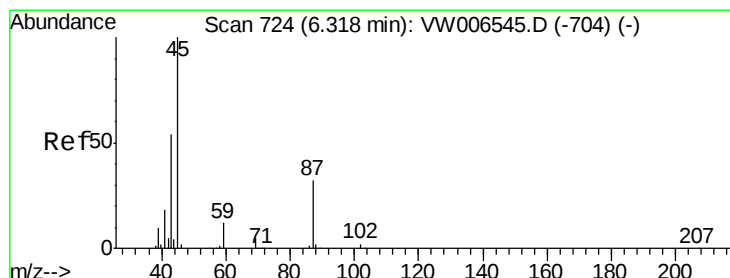
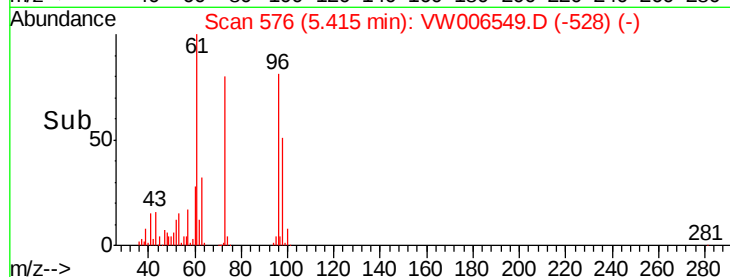
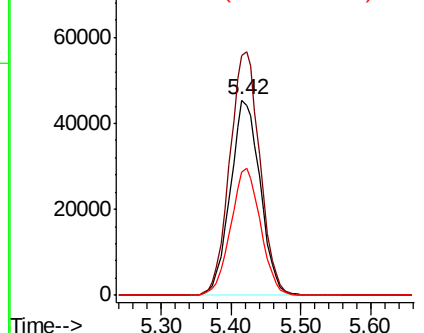
11/2/2018 3:20:20 PM



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.822 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Tgt Ion: 45 Resp: 320346

Ion Ratio Lower Upper

45 100

43 58.0 43.6 65.4

87 33.3 26.3 39.5

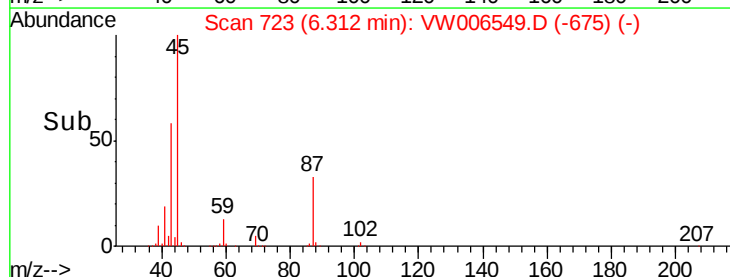
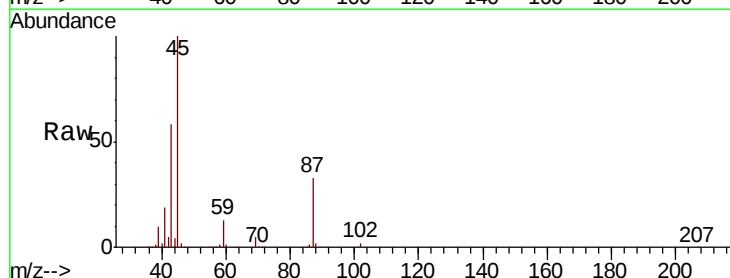
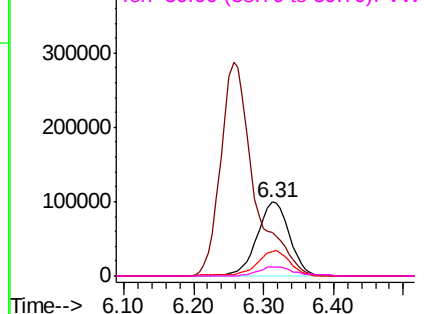
59 12.4 9.8 14.8

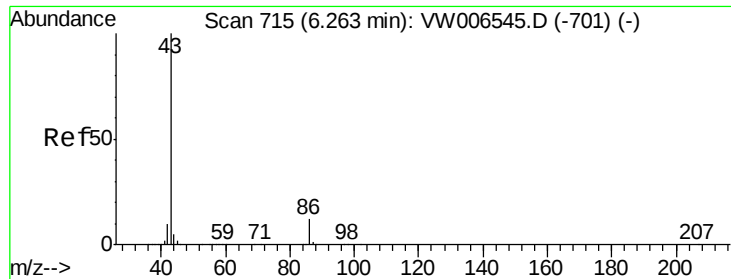
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 262.786 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 43 Resp: 956183

Ion Ratio Lower Upper

43 100

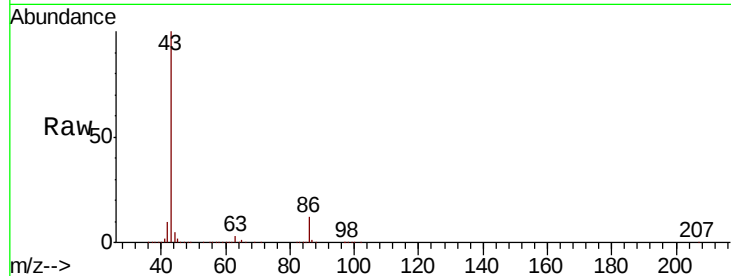
86 12.1 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

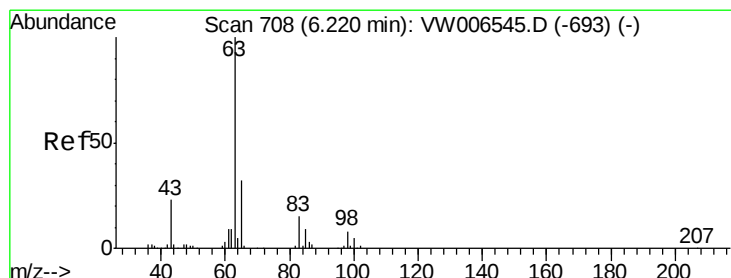
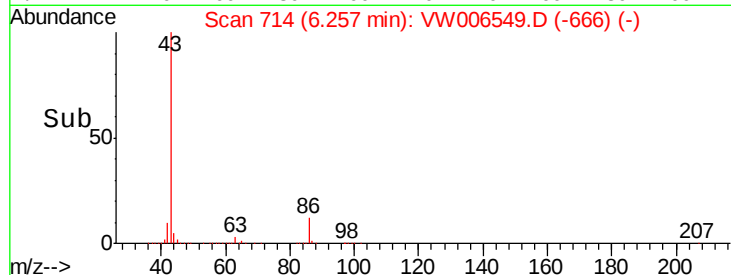
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.319 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

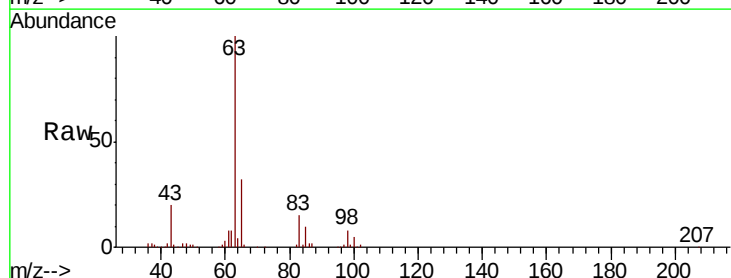
Tgt Ion: 63 Resp: 214872

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

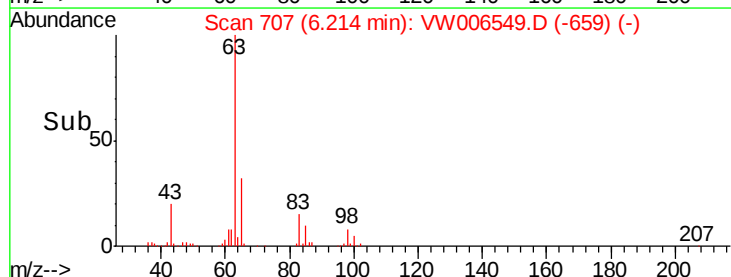
60000

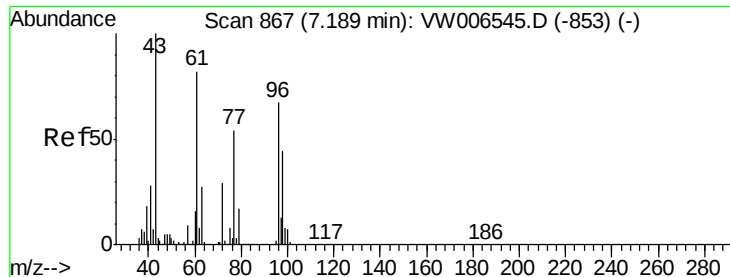
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.993 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 43 Resp: 155711

Ion Ratio Lower Upper

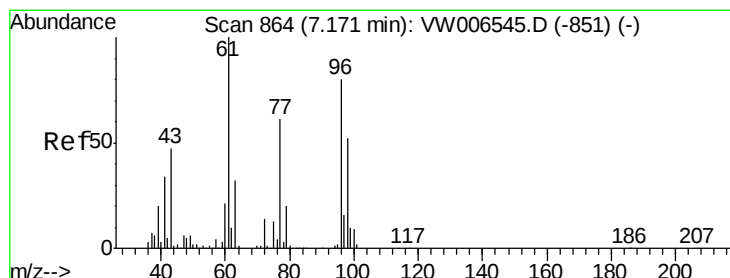
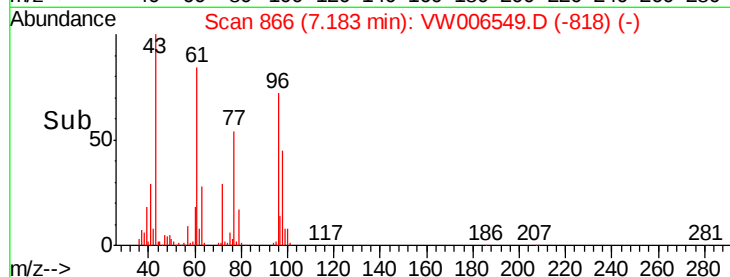
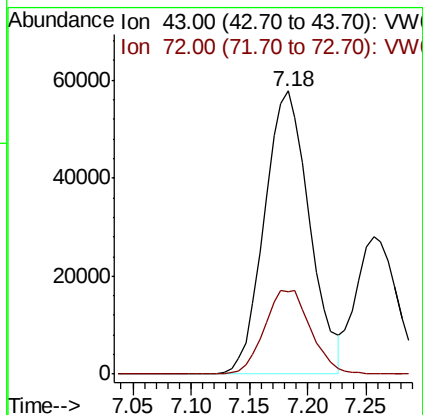
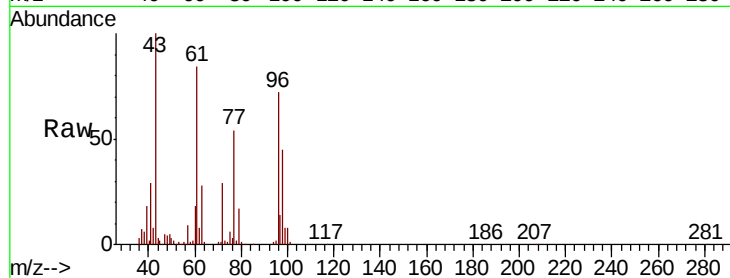
43 100

72 29.2 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 48.388 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006549.D

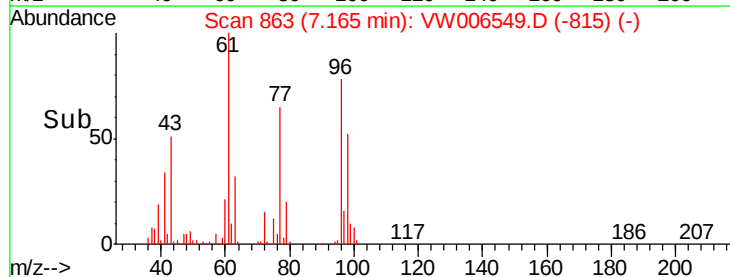
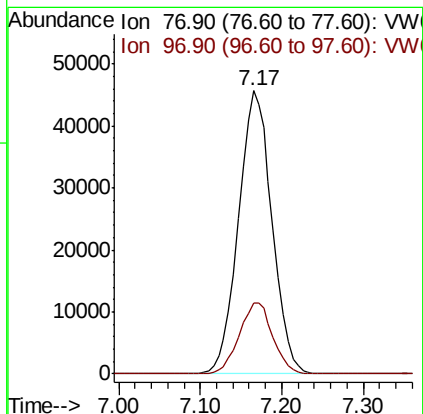
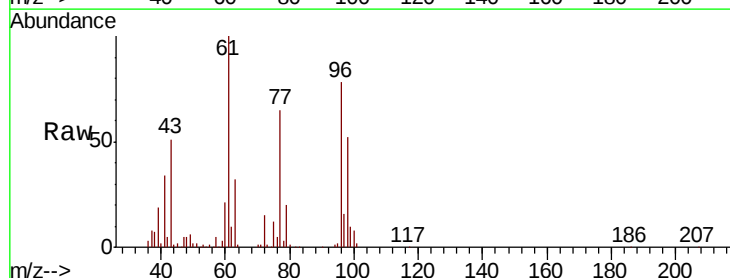
Acq: 01 Nov 2018 02:56

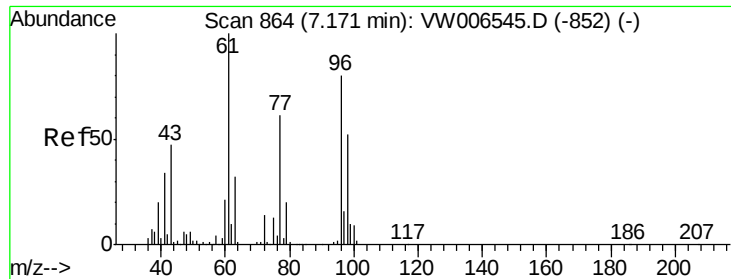
Tgt Ion: 77 Resp: 129619

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4





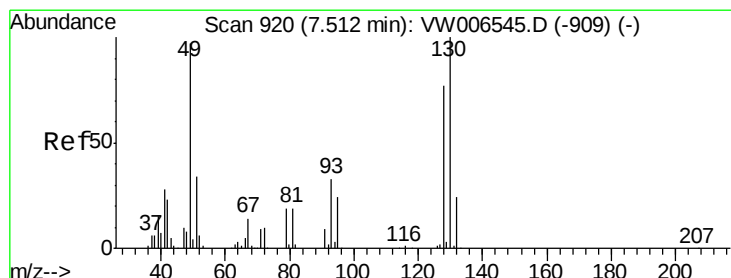
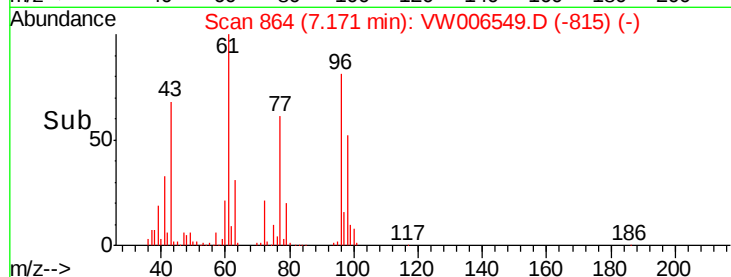
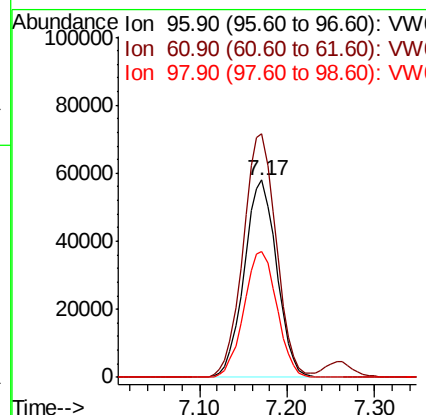
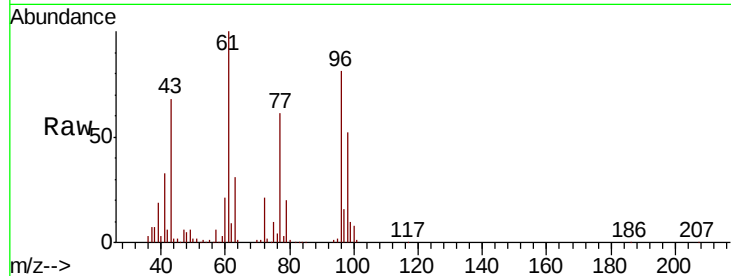
#27  
 cis-1,2-Dichloroethene  
 Concen: 49.048 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 125.6 | 0.0   | 254.2 |
| 98      | 64.9  | 0.0   | 129.6 |

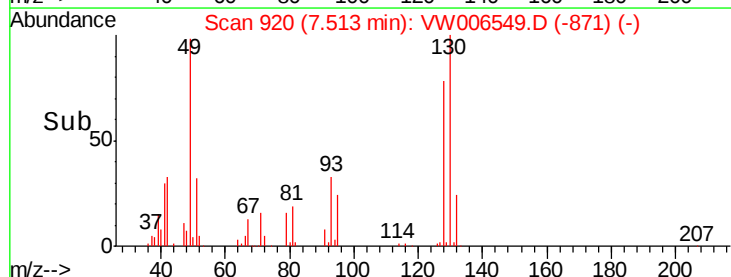
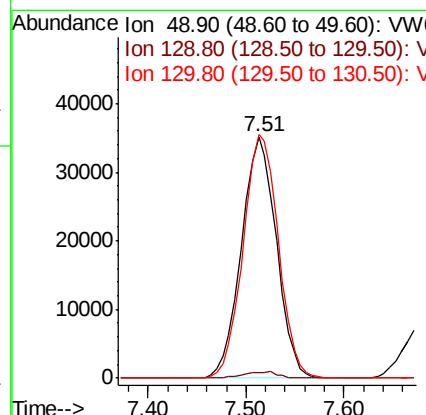
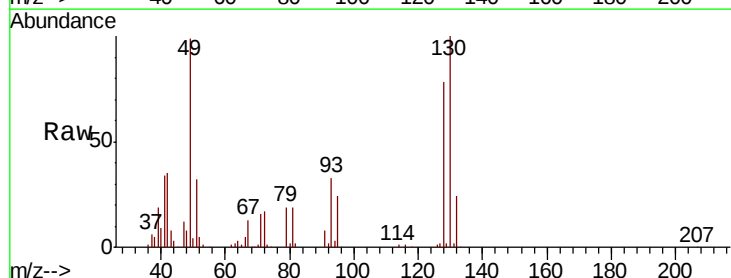
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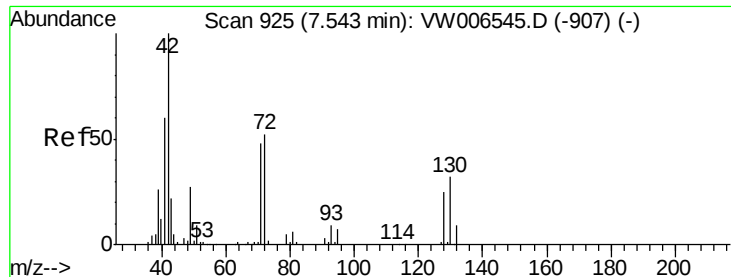
apatel  
 11/2/2018 3:20:20 PM



#28  
 Bromochloromethane  
 Concen: 49.427 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 5.6   |
| 130     | 101.4 | 82.2  | 123.2 |





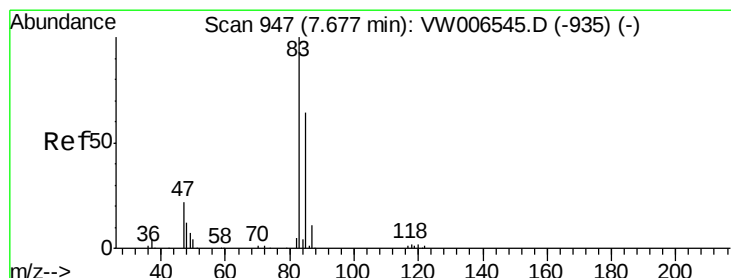
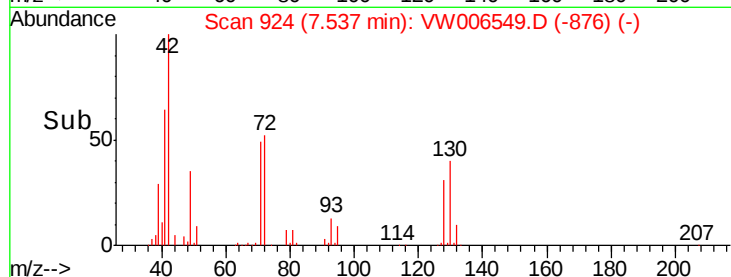
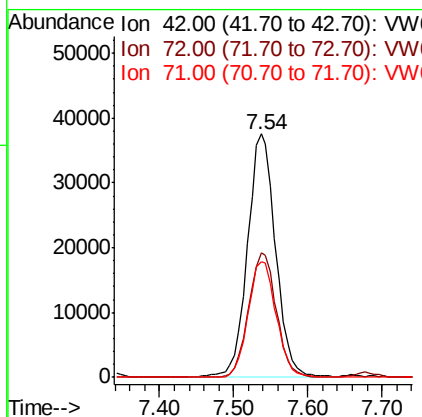
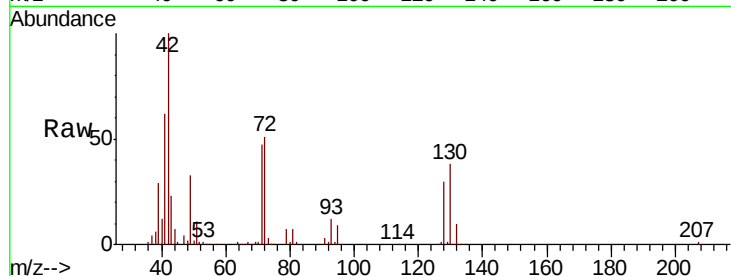
#29  
Tetrahydrofuran  
Concen: 269.875 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.7  | 39.2  | 58.8  |
| 71      | 47.6  | 37.6  | 56.4  |

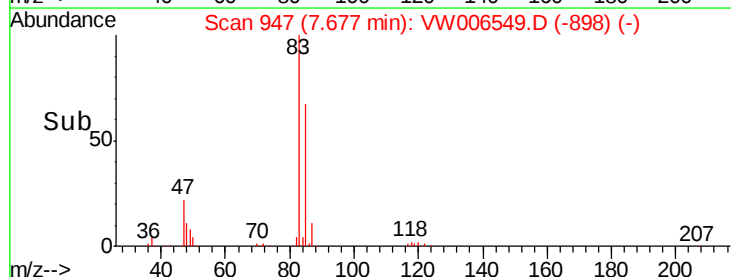
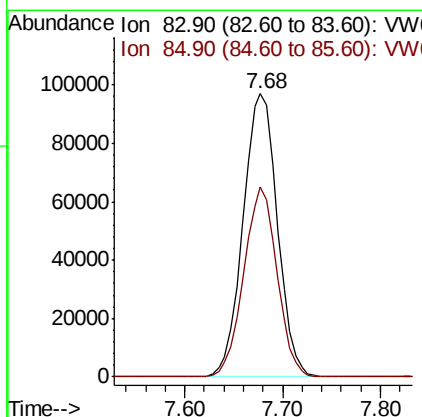
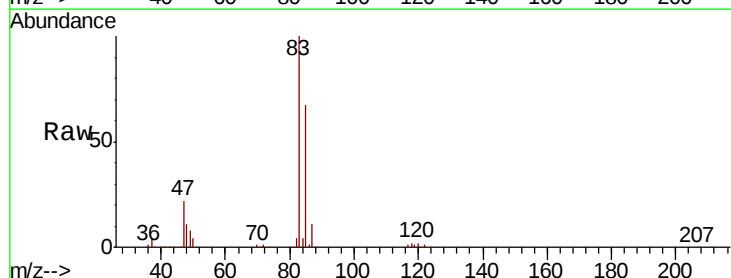
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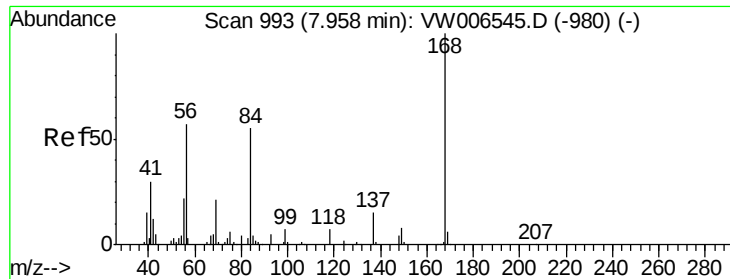
apatel  
11/2/2018 3:20:20 PM



#30  
Chloroform  
Concen: 48.554 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.2  | 51.3  | 76.9  |





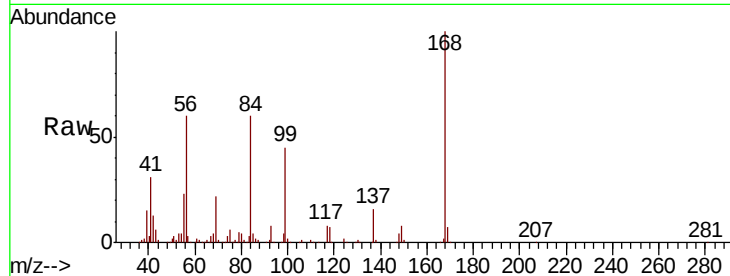
#31  
Cyclohexane  
Concen: 47.027 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

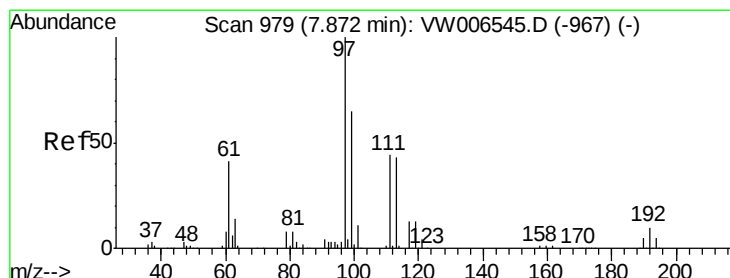
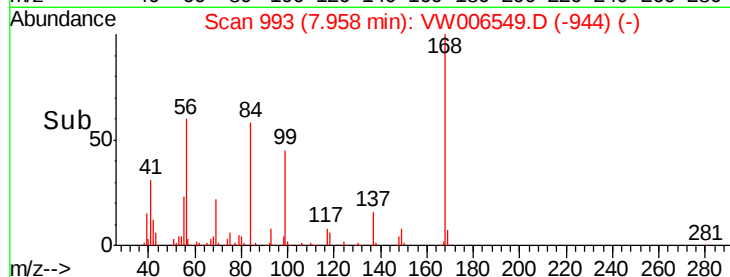
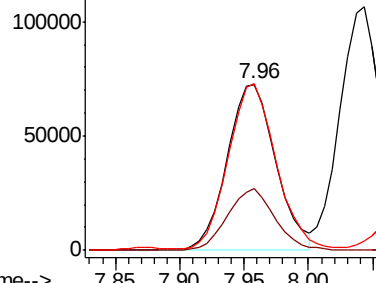
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.1  | 29.0  | 43.4  |
| 84      | 99.3  | 77.8  | 116.6 |

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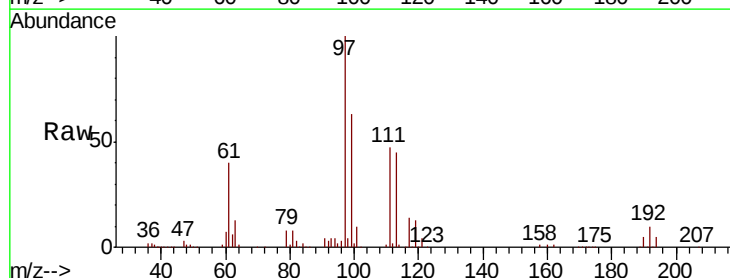


Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW

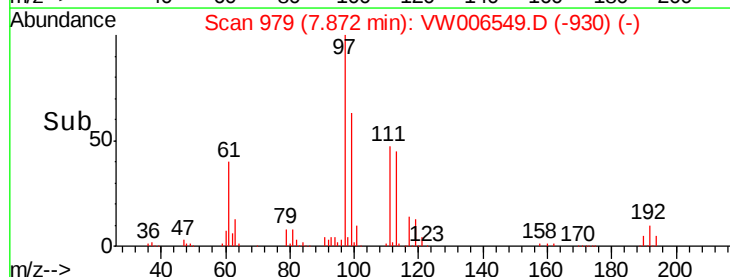
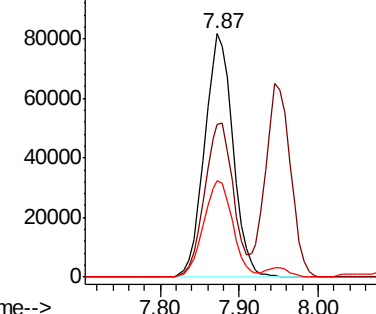


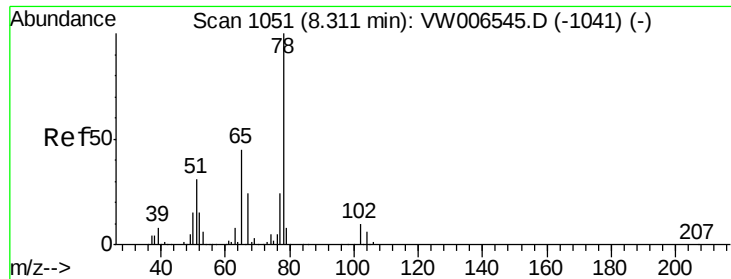
#32  
1,1,1-Trichloroethane  
Concen: 49.412 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.6  | 51.7  | 77.5  |
| 61      | 40.6  | 32.9  | 49.3  |



Abundance Ion 96.90 (96.60 to 97.60): VW  
Ion 98.90 (98.60 to 99.60): VW  
Ion 60.90 (60.60 to 61.60): VW





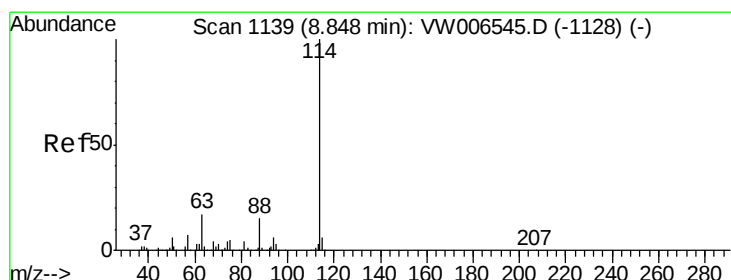
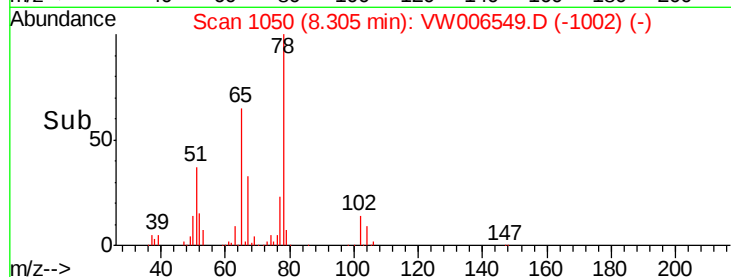
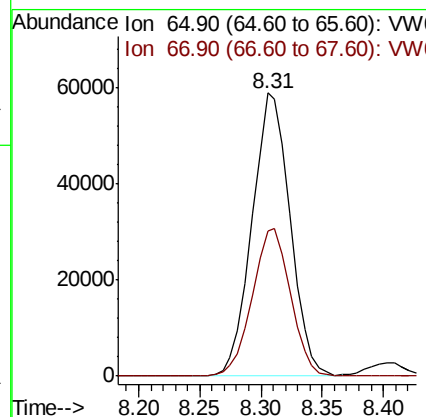
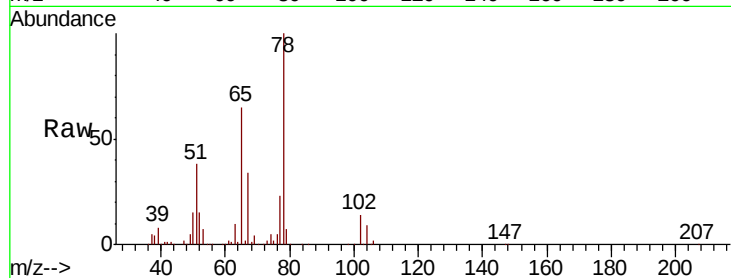
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.155 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 0.0   | 104.4 |

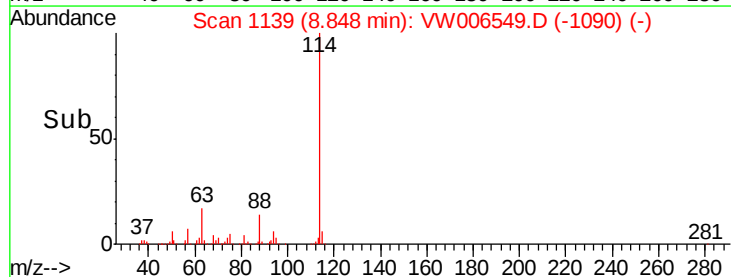
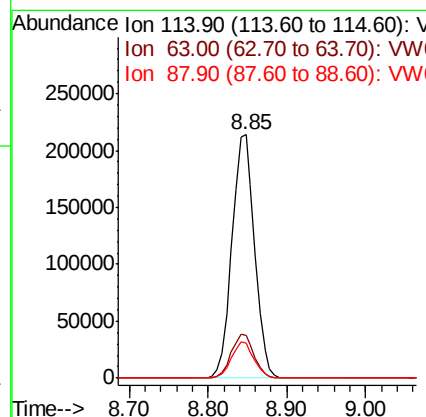
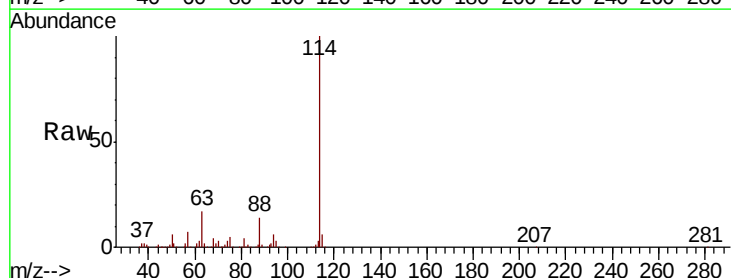
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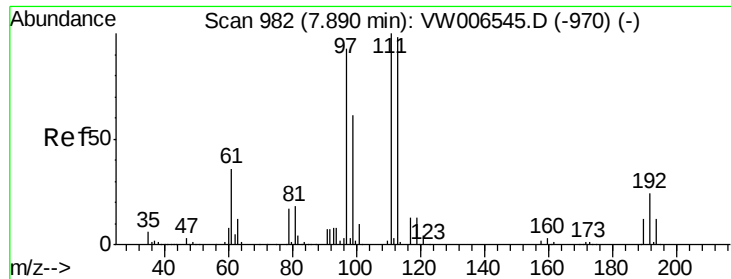
apatel  
 11/2/2018 3:20:20 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.5  | 0.0   | 34.4  |
| 88      | 14.2  | 0.0   | 29.0  |





#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

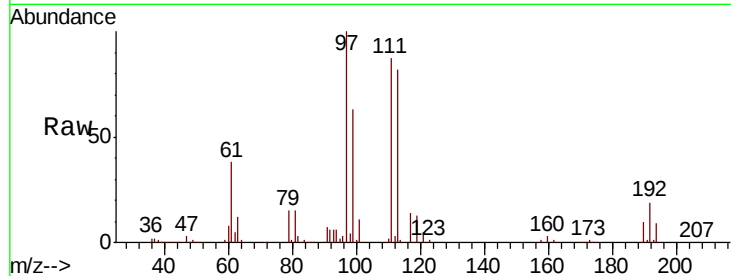
ClientSampleId :

ICVWV110218

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 132786 |       |       |
| 111     | 102.1 | 82.2   | 123.2 |       |
| 192     | 23.8  | 19.0   | 28.6  |       |

Manual Integrations  
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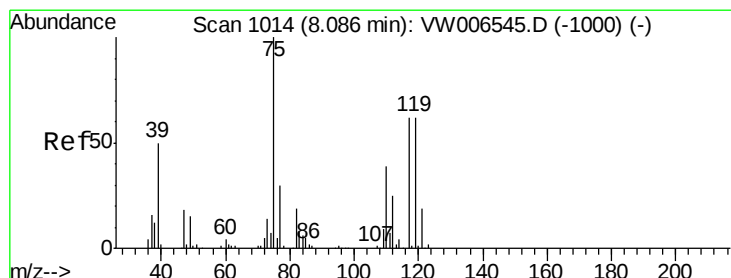
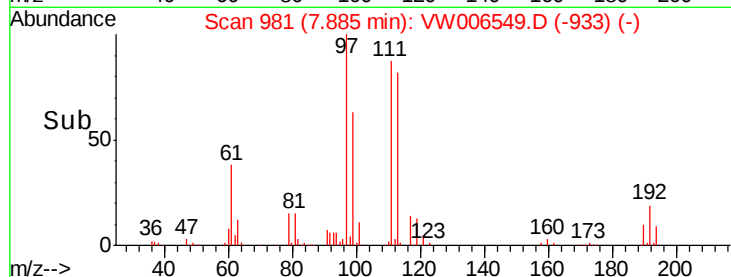
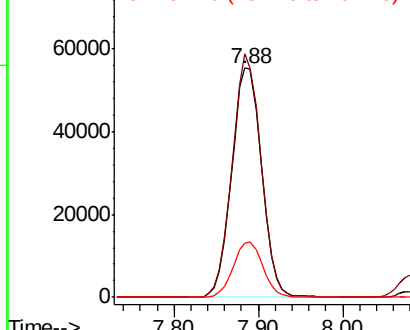


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.196 ug/l

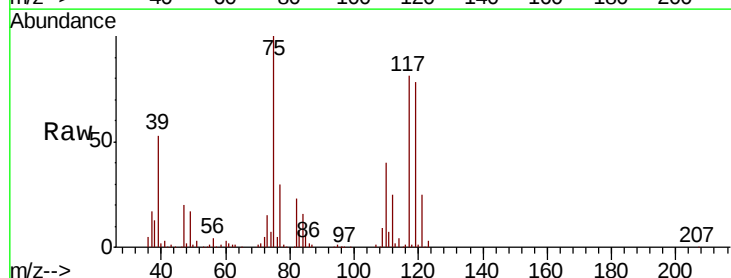
RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 184292 |       |       |
| 110     | 39.6  | 19.5   | 58.5  |       |
| 77      | 31.1  | 24.6   | 37.0  |       |

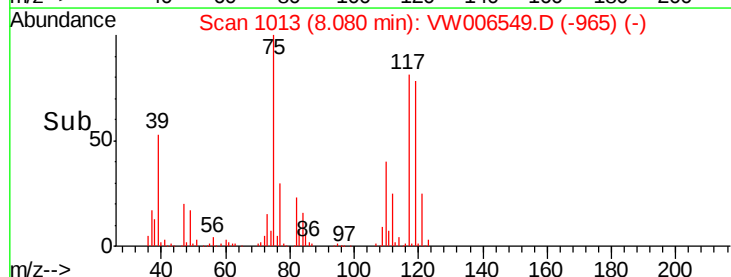
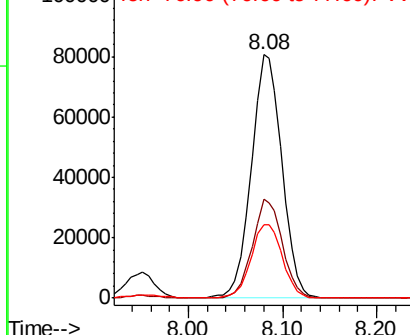


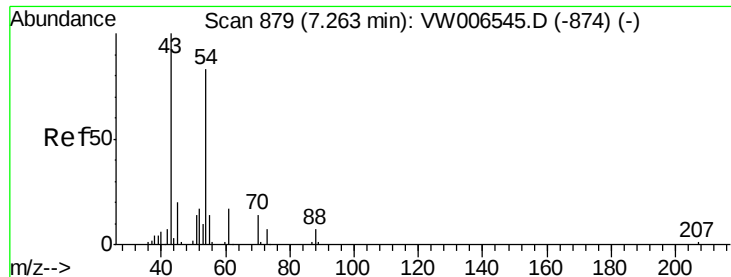
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





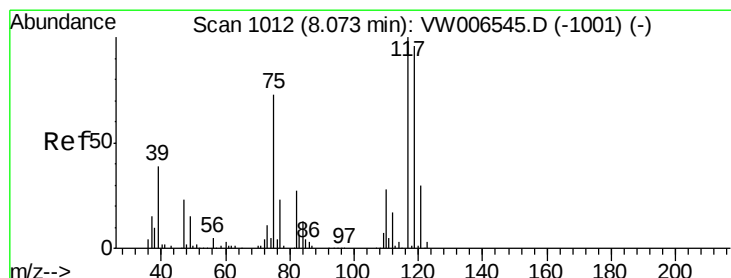
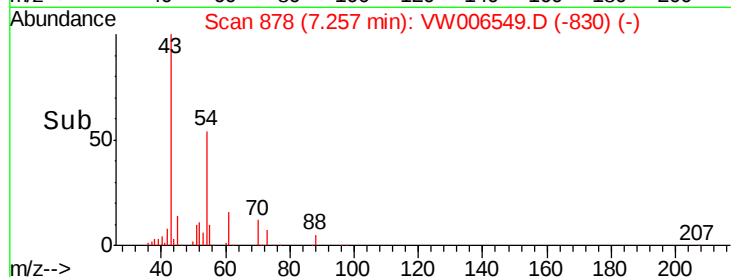
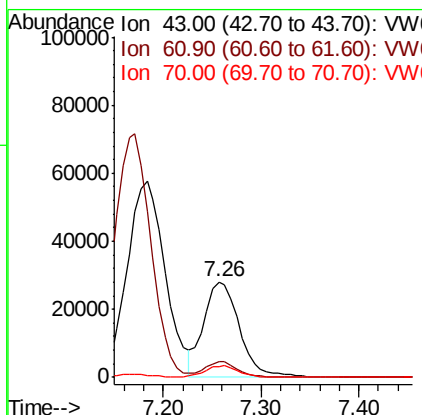
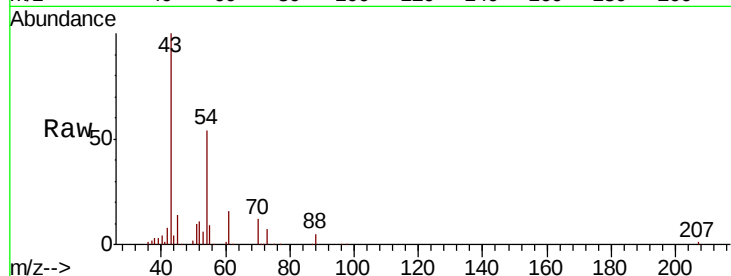
#37  
Ethyl Acetate  
Concen: 54.409 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 12.1  | 18.1  |
| 70      | 11.7  | 9.8   | 14.6  |

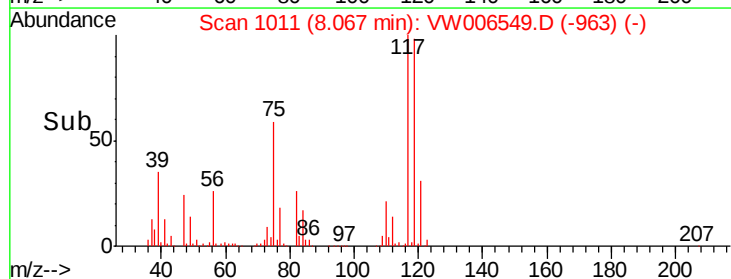
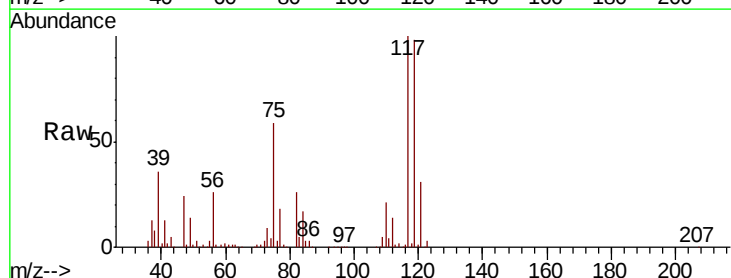
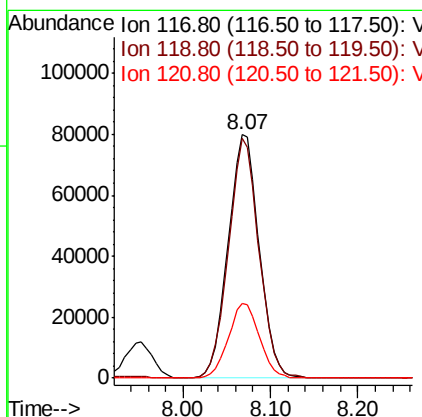
Manual Integrations  
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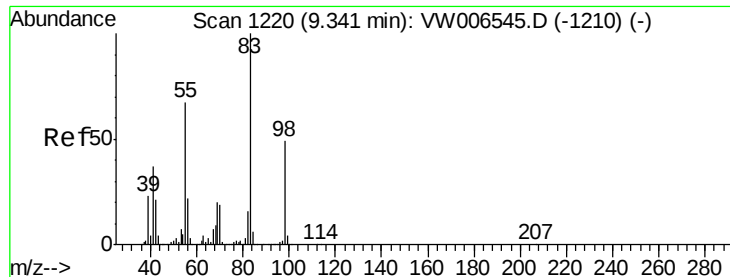
apatel  
11/2/2018 3:20:20 PM



#38  
Carbon Tetrachloride  
Concen: 50.344 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.2  | 76.3  | 114.5 |
| 121     | 30.6  | 24.1  | 36.1  |





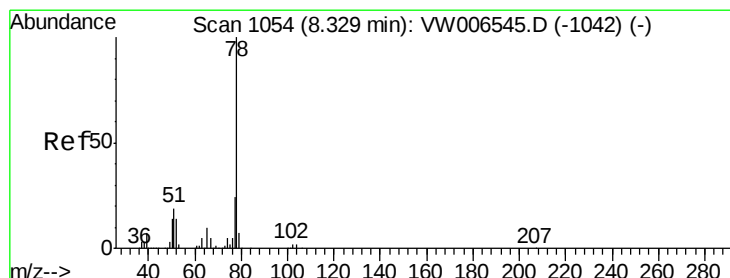
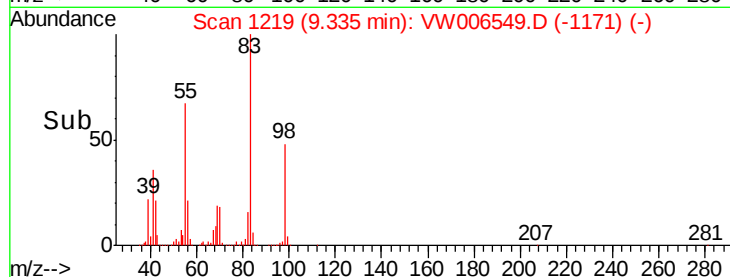
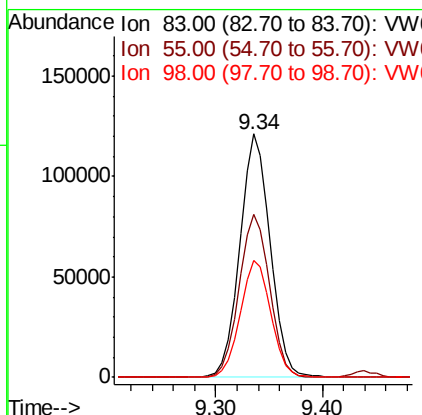
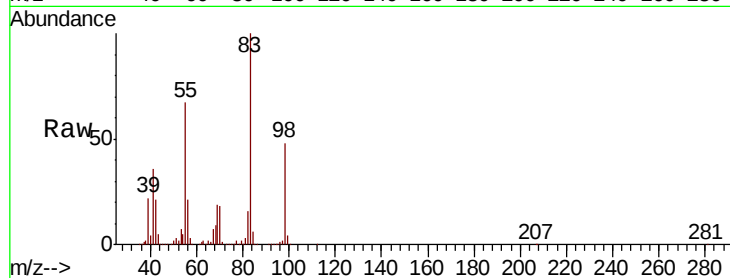
#39  
Methvlcvclohexane  
Concen: 50.938 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 66.8  | 53.7  | 80.5  |
| 98      | 48.2  | 39.2  | 58.8  |

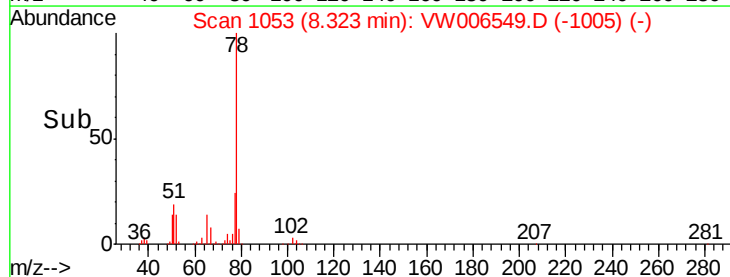
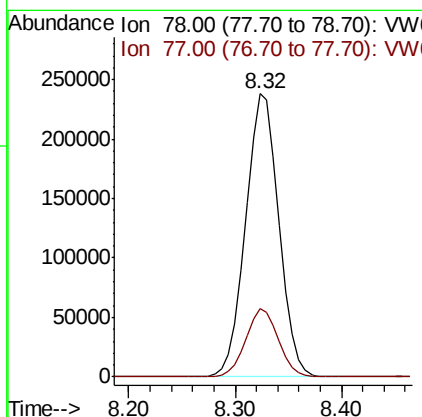
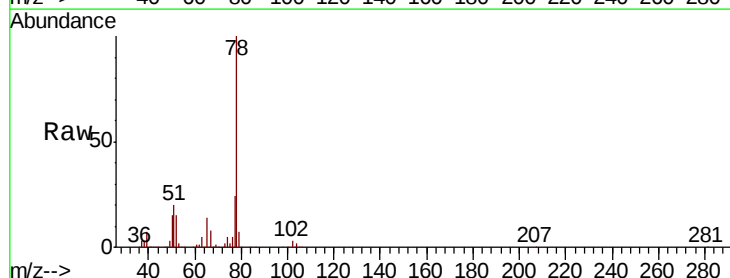
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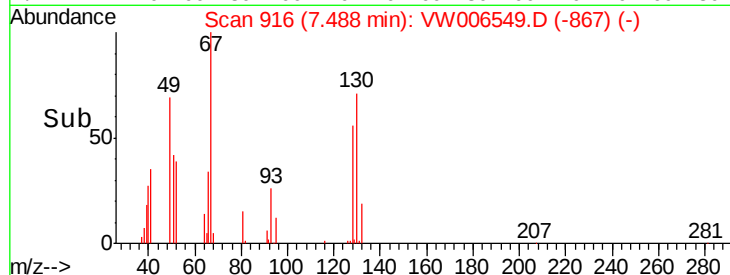
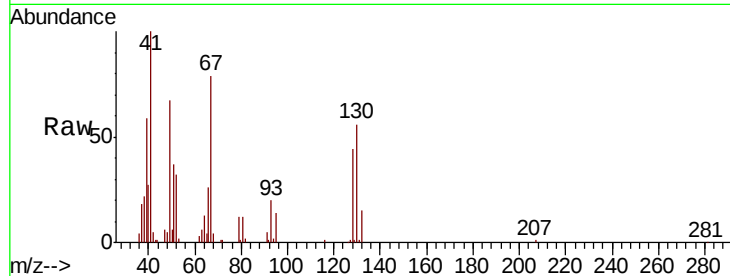
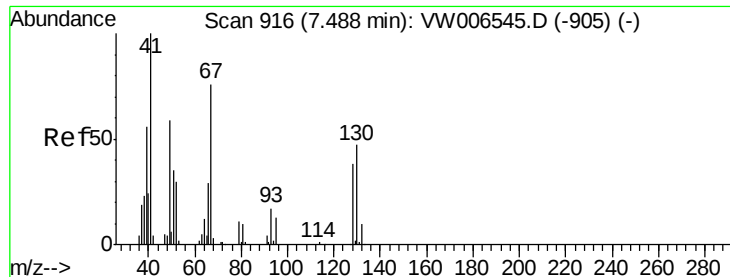
apatel  
11/2/2018 3:20:20 PM



#40  
Benzene  
Concen: 49.016 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.3  | 19.2  | 28.8  |





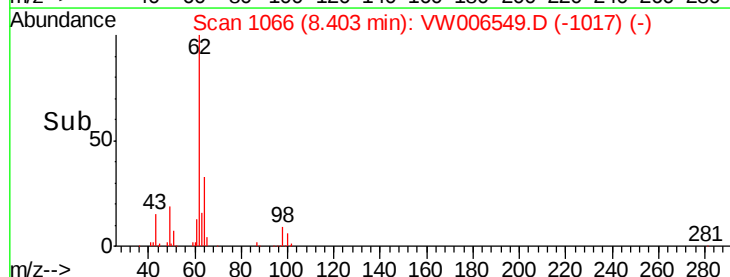
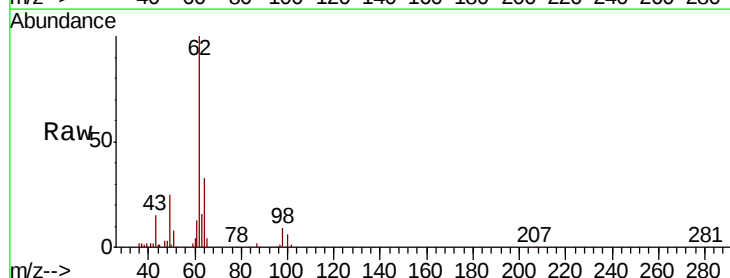
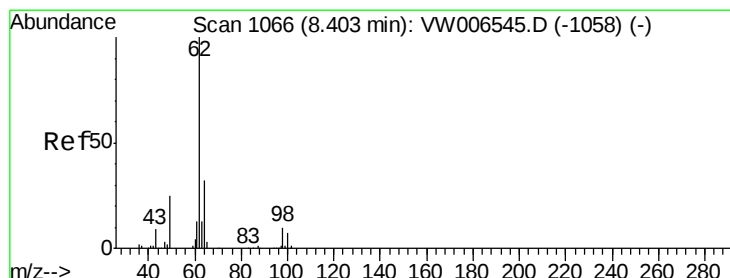
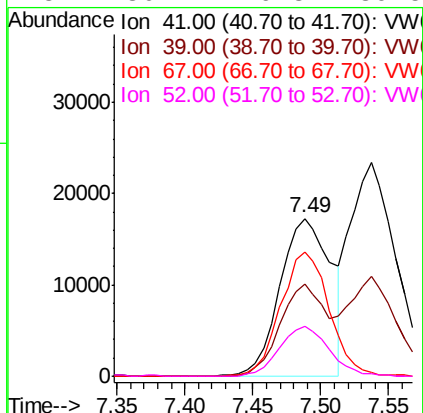
#41  
Methacrylonitrile  
Concen: 56.503 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 51.1  | 44.5  | 66.7  |
| 67      | 75.1  | 63.8  | 95.8  |
| 52      | 30.7  | 26.3  | 39.5  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

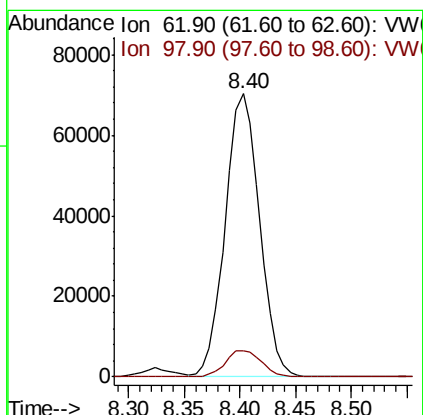
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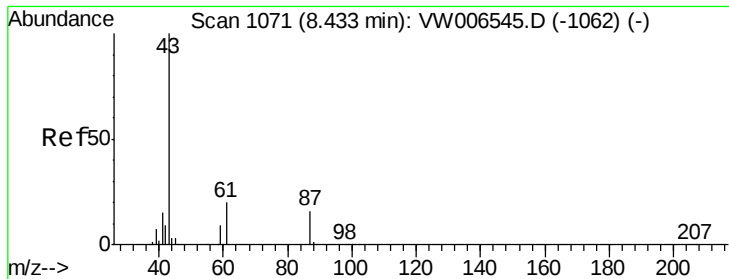
apatel  
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#42  
1,2-Dichloroethane  
Concen: 49.378 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.7   | 0.0   | 19.8  |





#43

Isopropyl Acetate

Concen: 54.445 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

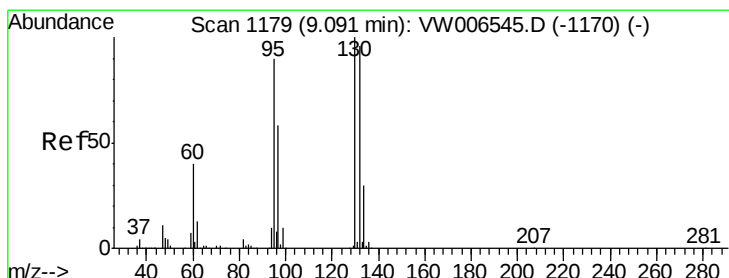
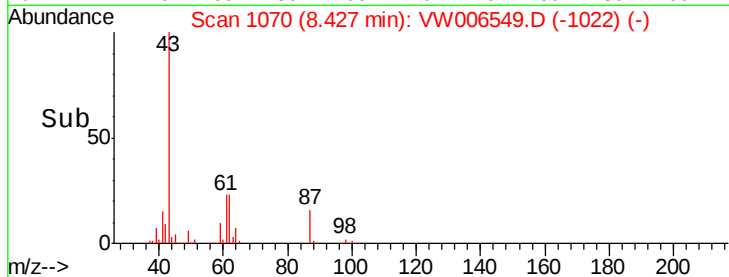
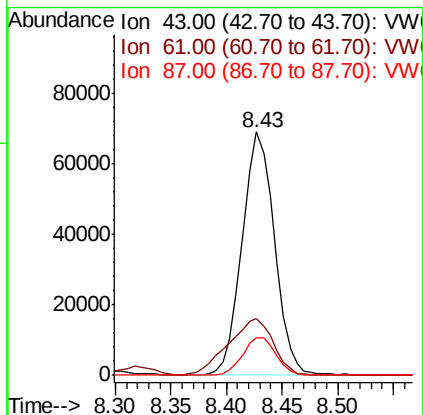
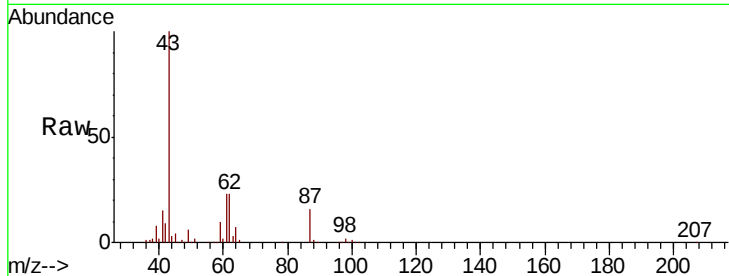
ClientSampleId :

ICVW110218

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 141038 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 32.1  | 27.2  | 40.8   |
| 87       | 15.9  | 12.9  | 19.3   |

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#44

Trichloroethene

Concen: 49.375 ug/l

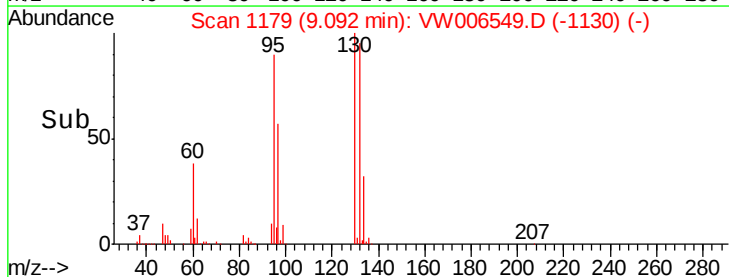
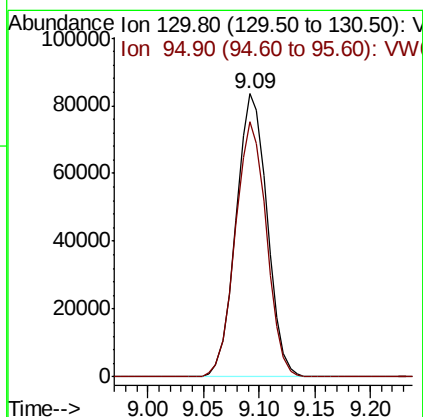
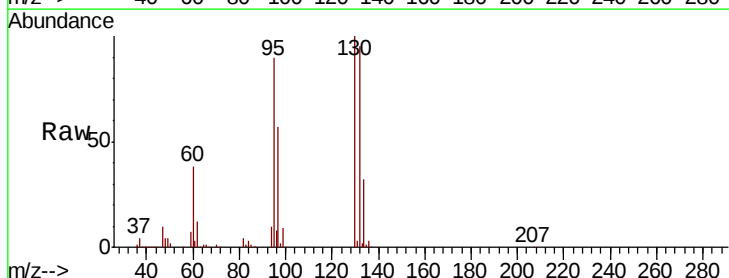
RT: 9.09 min Scan# 1179

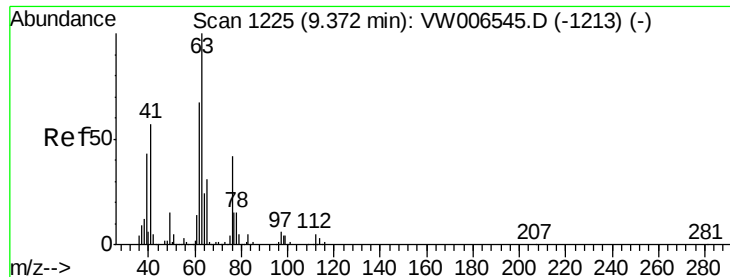
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 162116 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 90.2  | 0.0   | 179.2  |





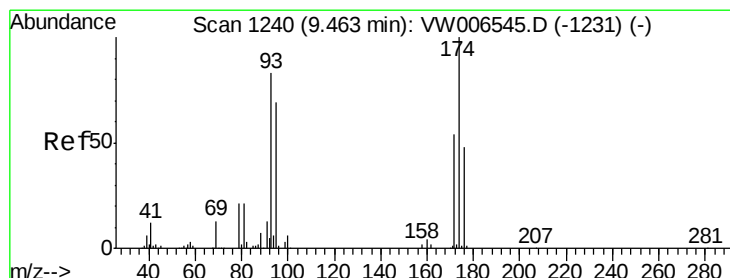
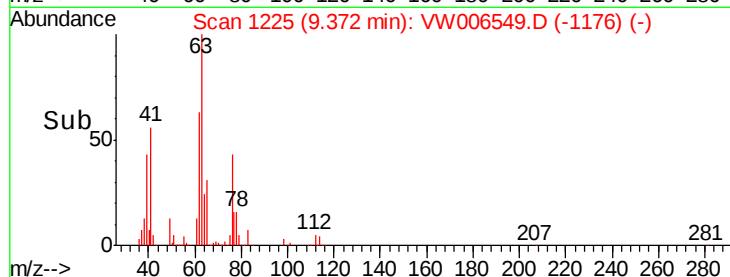
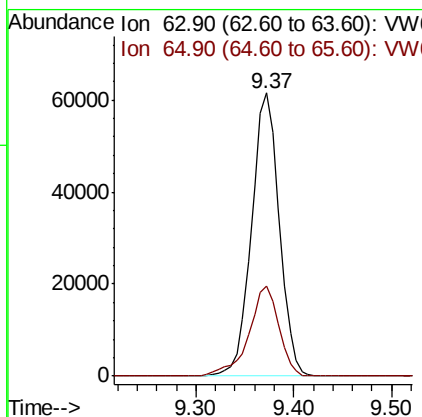
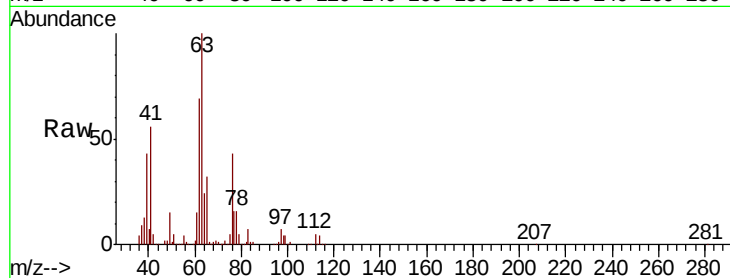
#45  
 1,2-Dichloropropane  
 Concen: 48.835 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.9  | 25.1  | 37.7  |

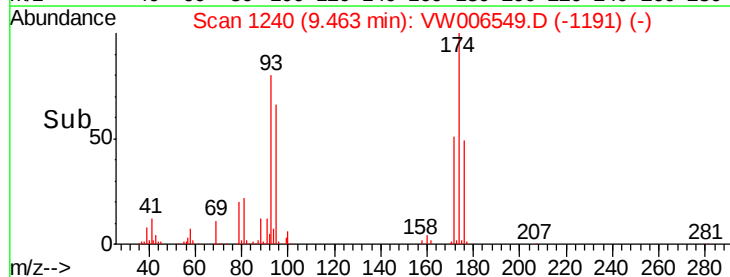
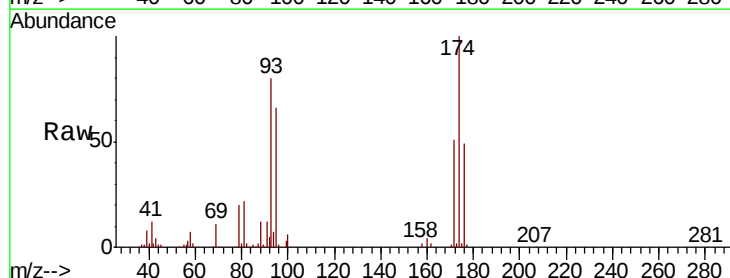
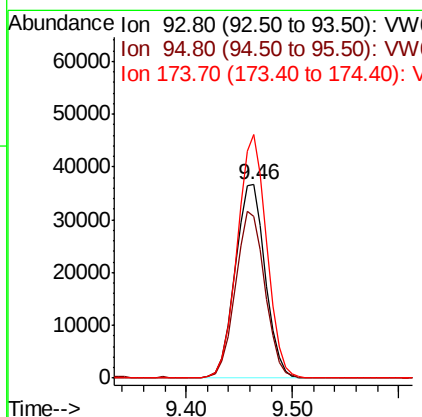
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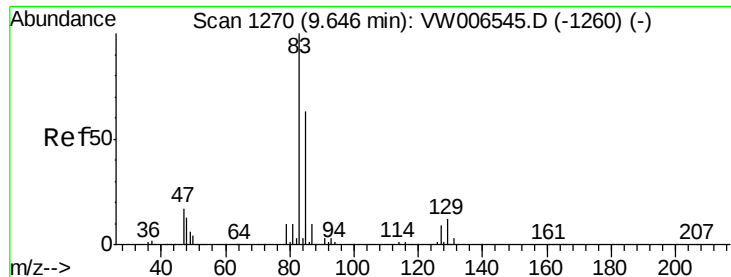
apatel  
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#46  
 Dibromomethane  
 Concen: 50.100 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.0  | 67.2  | 100.8 |
| 174     | 122.4 | 97.3  | 145.9 |





#47

Bromodichloromethane

Concen: 50.443 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

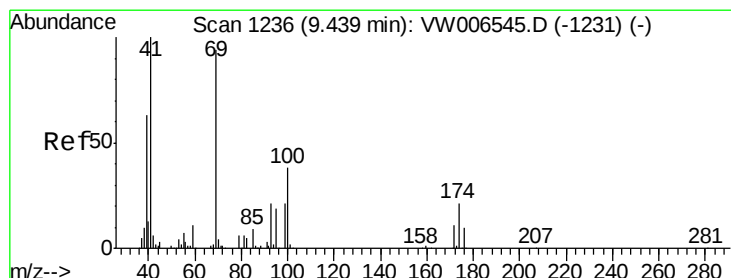
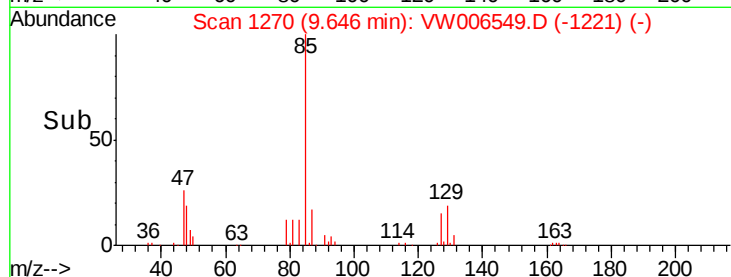
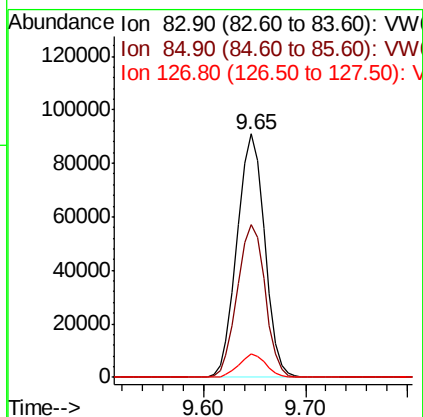
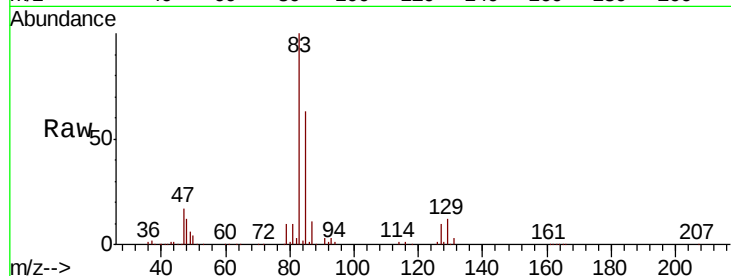
ClientSampleId :

ICVW110218

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 170486 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.9  | 50.6  | 75.8   |
| 127      | 9.6   | 7.5   | 11.3   |

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#48

Methyl methacrylate

Concen: 55.199 ug/l

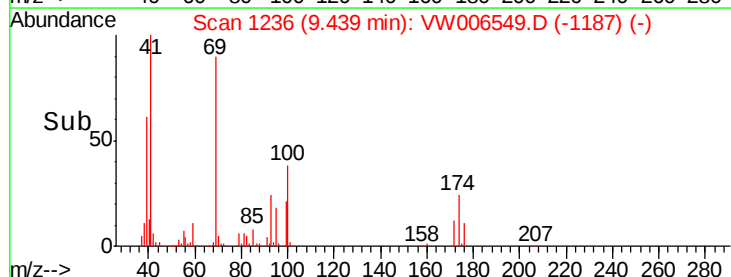
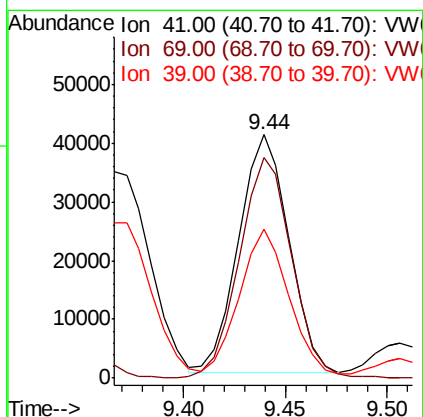
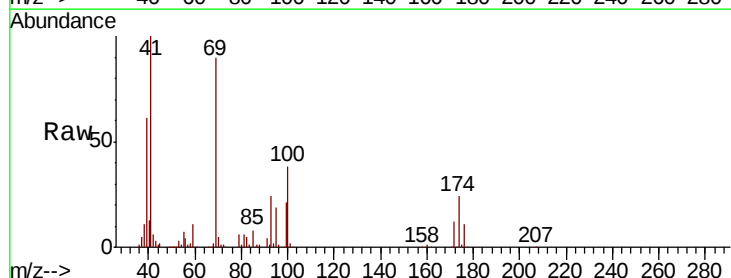
RT: 9.44 min Scan# 1236

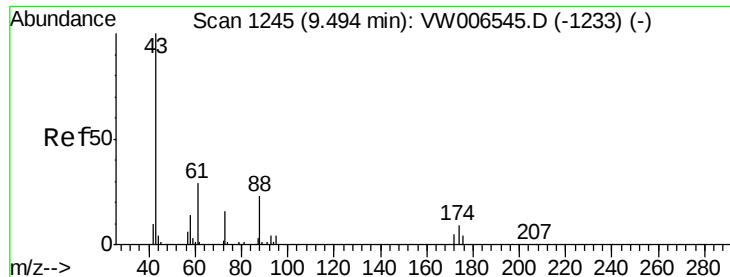
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 68892 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 97.4  | 77.8  | 116.8 |
| 39       | 59.2  | 48.7  | 73.1  |





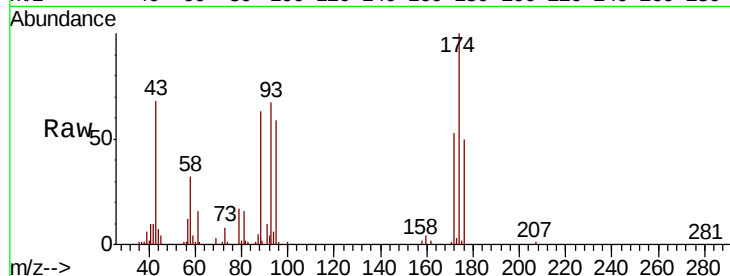
#49  
1,4-Dioxane  
Concen: 1043.411 ug/l  
RT: 9.48 min Scan# 1243  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 43      | 0.0   | 356.6 | 534.8# |
| 58      | 63.9  | 51.4  | 77.2   |

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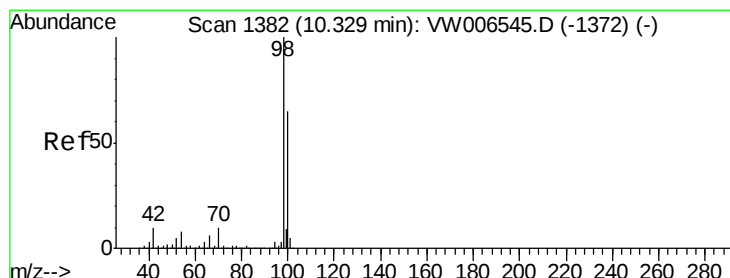
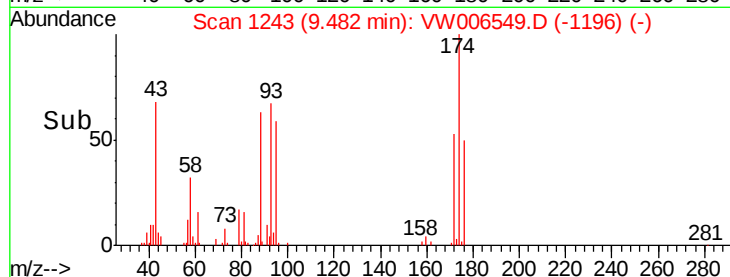
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

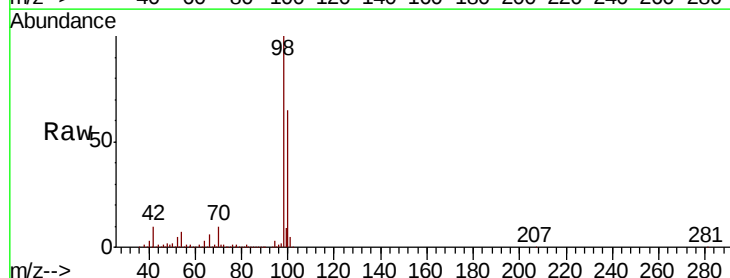
Ion 58.00 (57.70 to 58.70): VW

Time-->



#50  
Toluene-d8  
Concen: 50.191 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.7  | 51.6  | 77.4  |

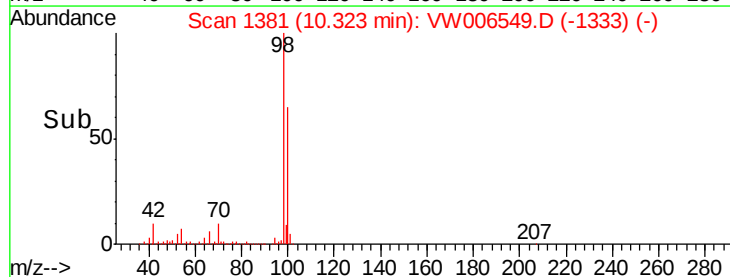


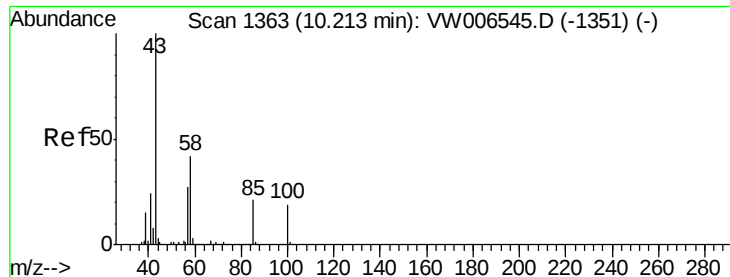
Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





#51

4-Methyl-2-Pentanone

Concen: 275.597 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVWV110218

Tot Ion: 43 Resp: 366661

Ion Ratio Lower Upper

43 100

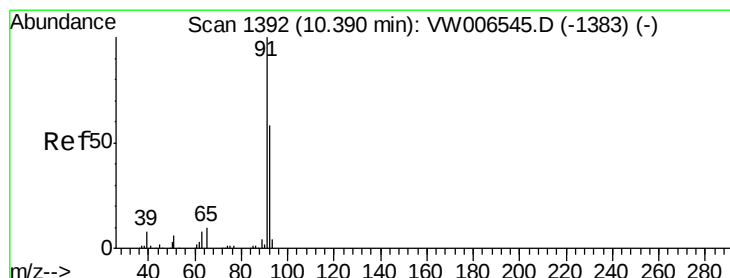
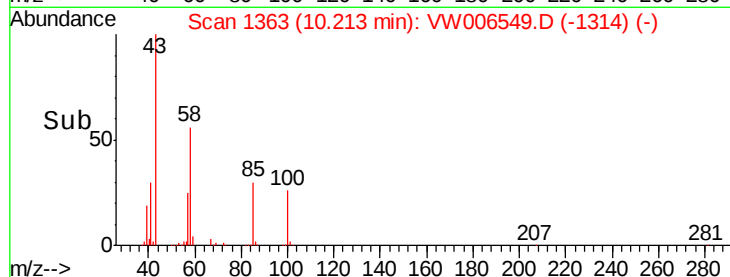
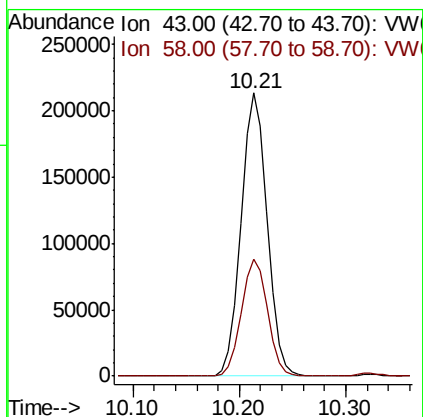
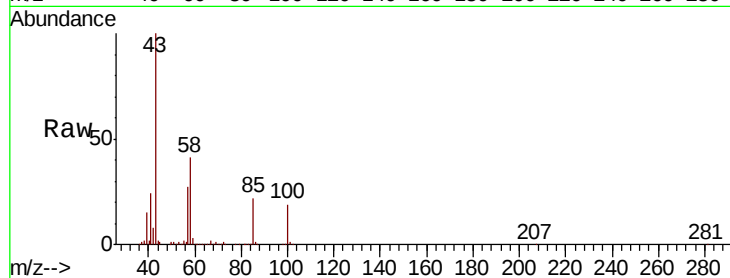
58 41.5 33.4 50.0

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#52

Toluene

Concen: 49.011 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006549.D

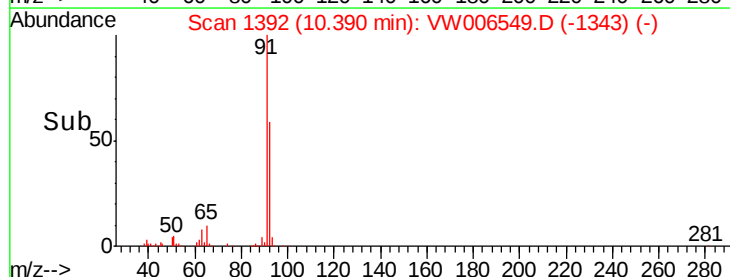
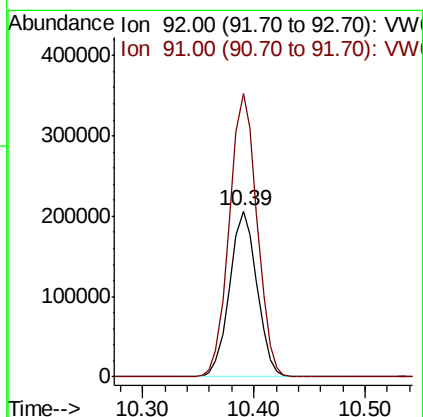
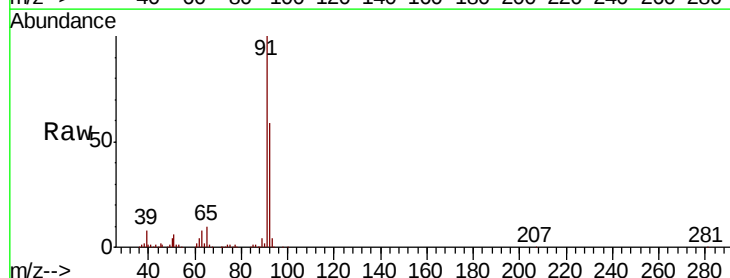
Acq: 01 Nov 2018 02:56

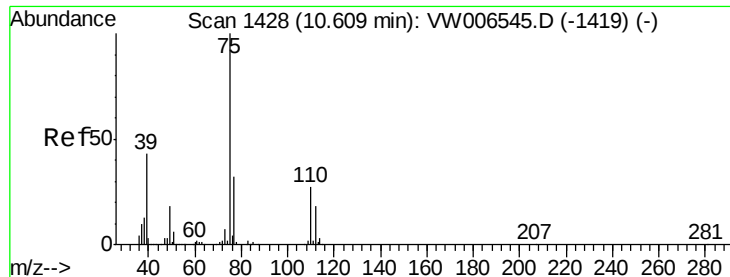
Tgt Ion: 92 Resp: 349767

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.229 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampled :

ICVWV110218

Tot Ion: 75 Resp: 169886

Ion Ratio Lower Upper

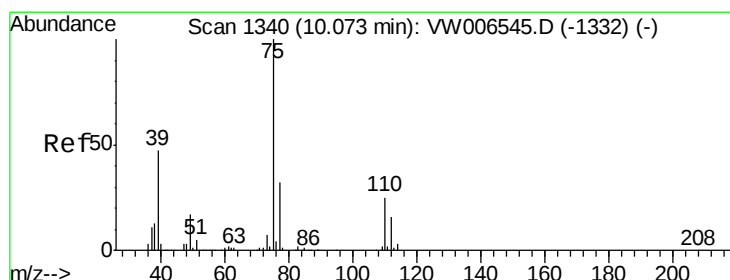
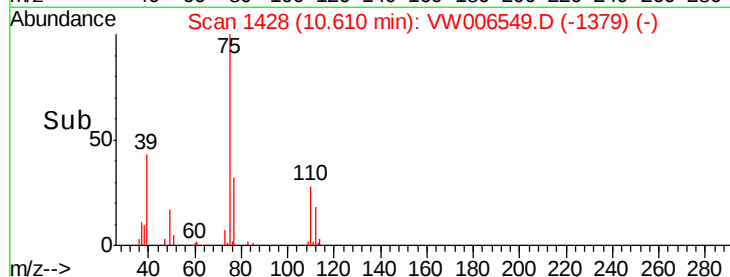
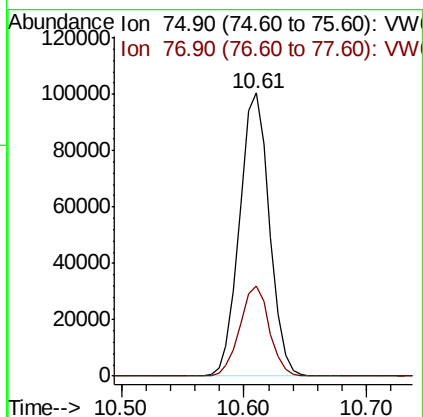
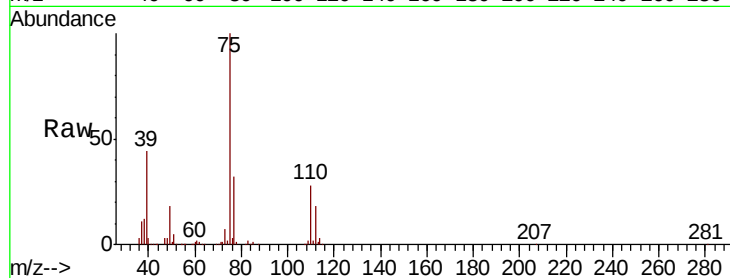
75 100

77 31.9 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 50.227 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

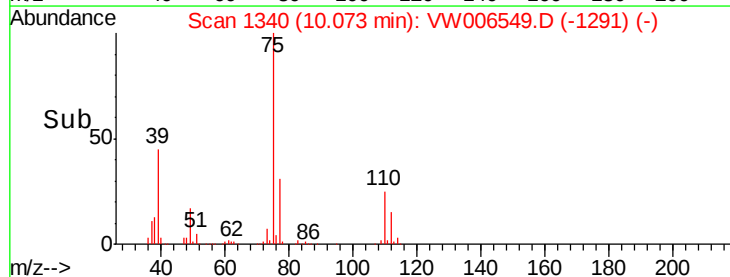
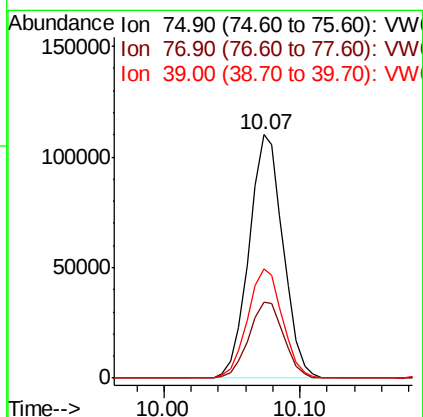
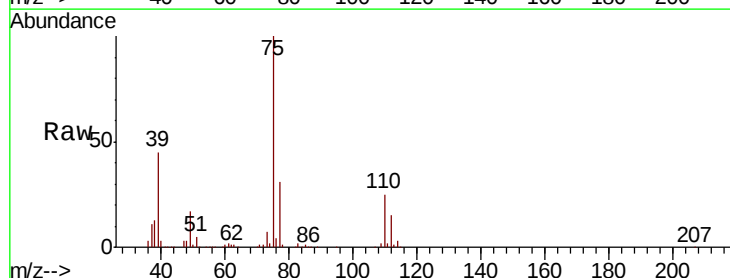
Tgt Ion: 75 Resp: 193058

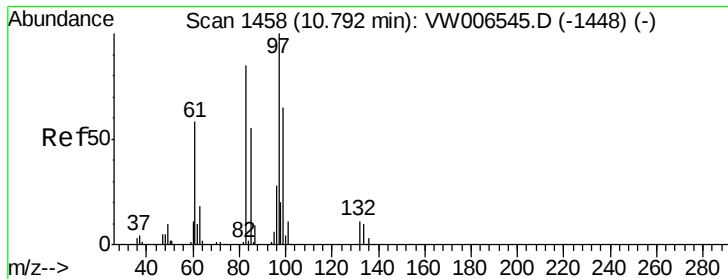
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 45.0 37.3 55.9





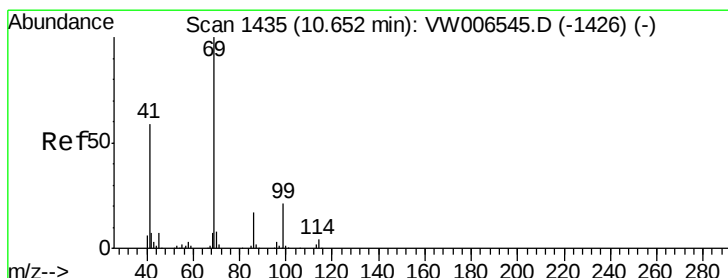
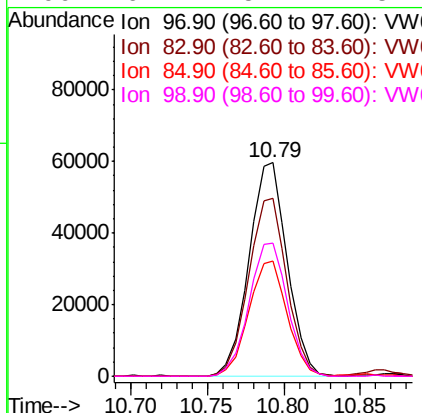
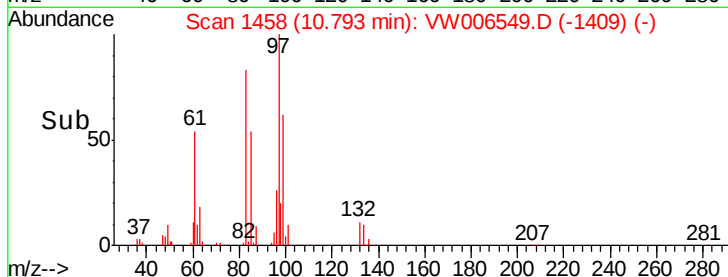
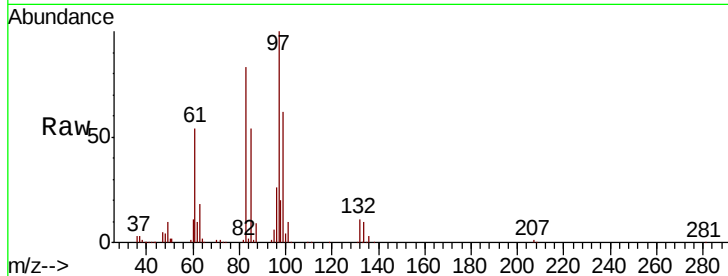
#55  
 1,1,2-Trichloroethane  
 Concen: 50.322 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 103929 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.4  | 67.9  | 101.9  |
| 85       | 54.2  | 44.0  | 66.0   |
| 99       | 62.4  | 52.2  | 78.2   |

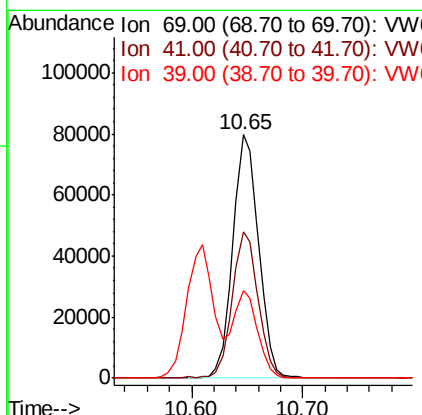
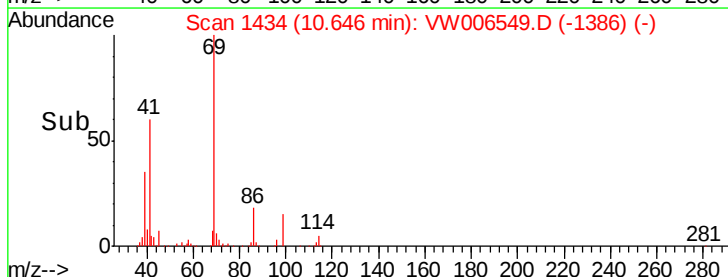
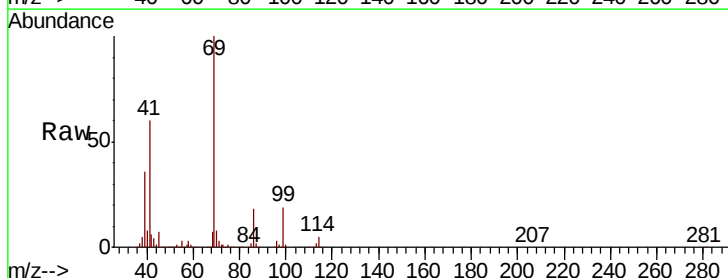
Manual Integrations  
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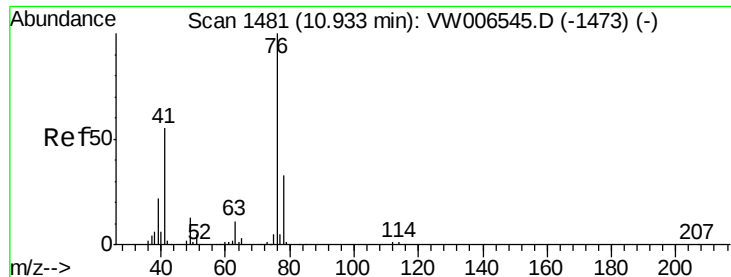
apatel  
 11/2/2018 3:20:20 PM



#56  
 Ethyl methacrylate  
 Concen: 54.375 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 127640 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.2  | 47.4  | 71.2   |
| 39       | 34.4  | 25.3  | 37.9   |





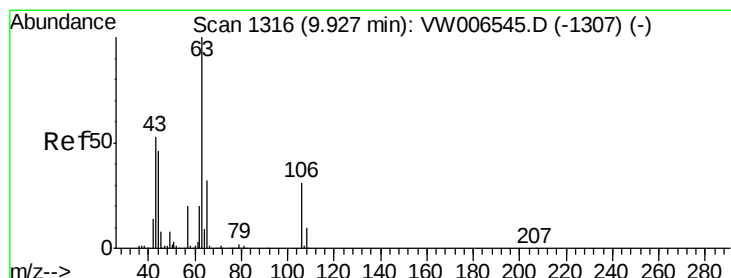
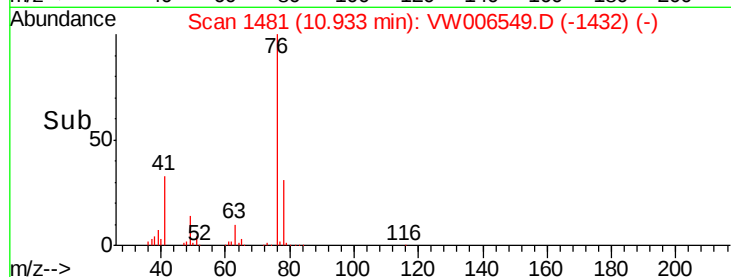
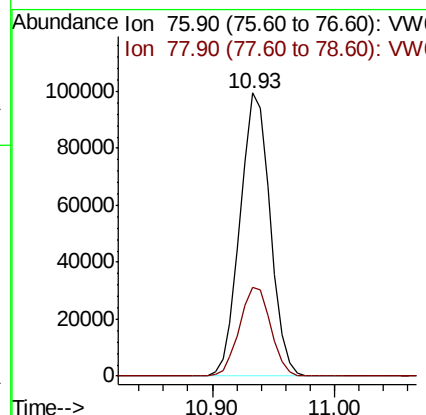
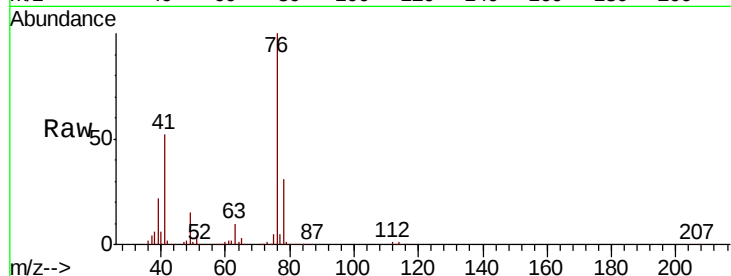
#57  
 1,3-Dichloropropane  
 Concen: 50.504 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

Tot Ion: 76 Resp: 169371  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 26.2 39.4

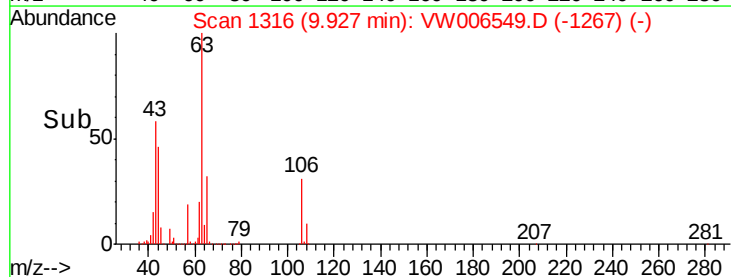
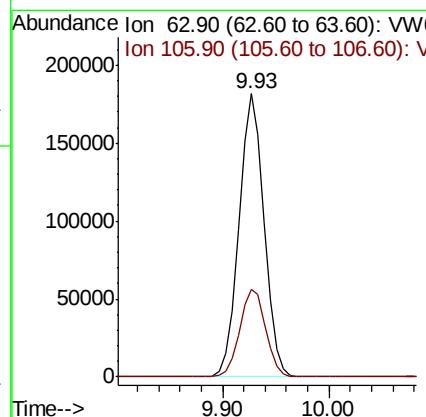
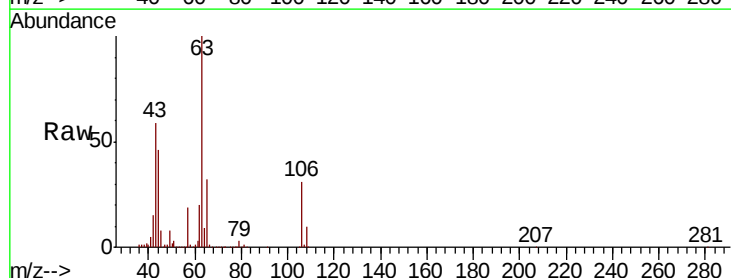
Manual Integrations  
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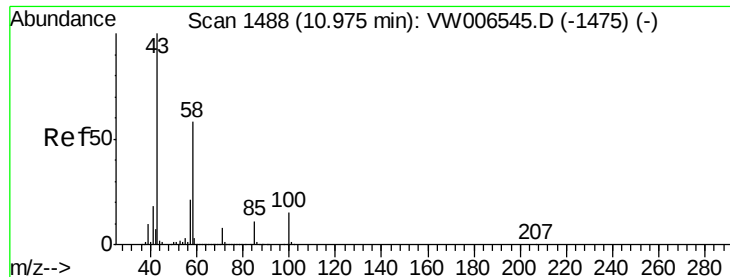
apatel  
 11/2/2018 3:20:20 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 262.196 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Tgt Ion: 63 Resp: 299186  
 Ion Ratio Lower Upper  
 63 100  
 106 32.1 25.4 38.2





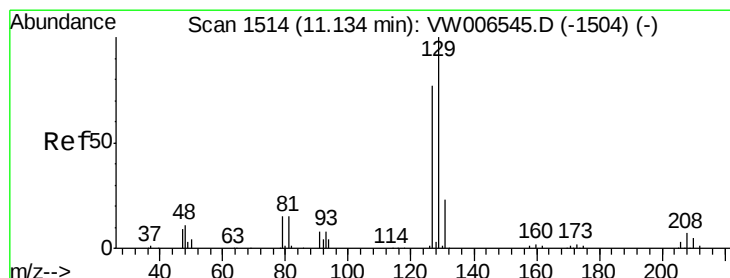
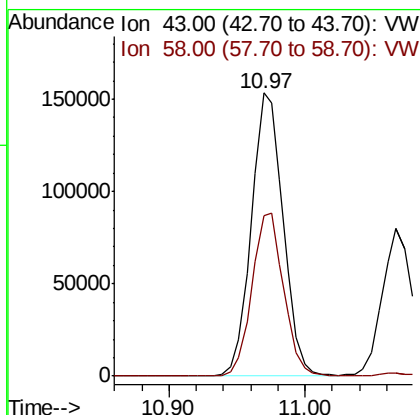
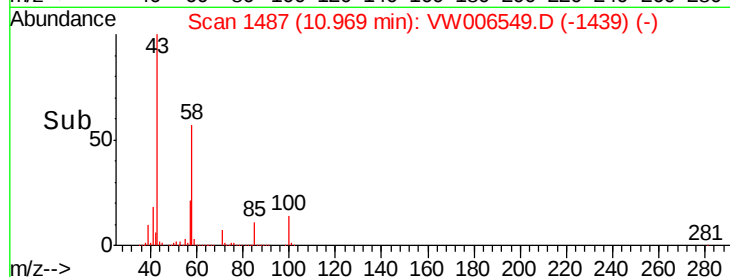
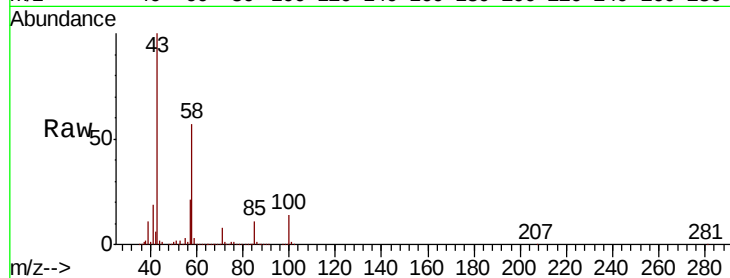
#59  
2-Hexanone  
Concen: 278.489 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

Tot Ion: 43 Resp: 251646  
Ion Ratio Lower Upper  
43 100  
58 57.2 28.8 86.4

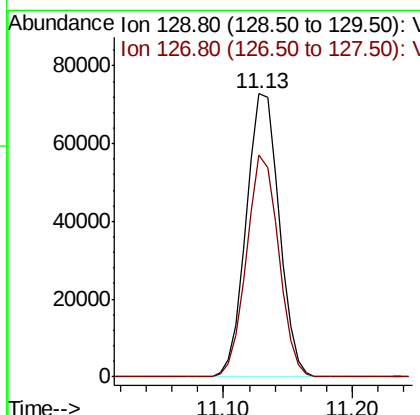
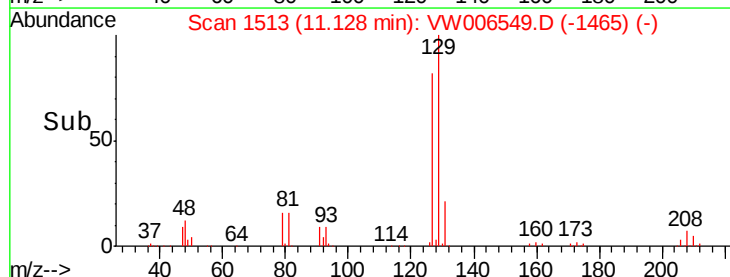
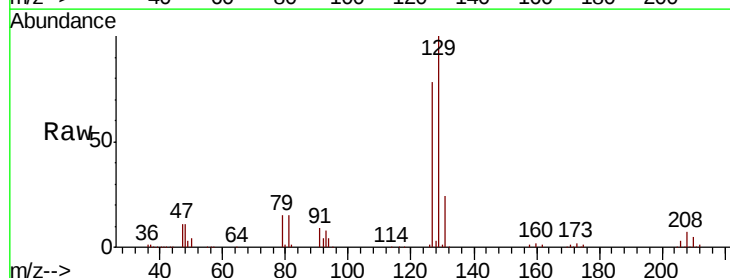
Manual Integrations  
APPROVED

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11/2/2018 3:20:20 PM



#60  
Dibromochloromethane  
Concen: 52.662 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Tgt Ion: 129 Resp: 128862  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.3





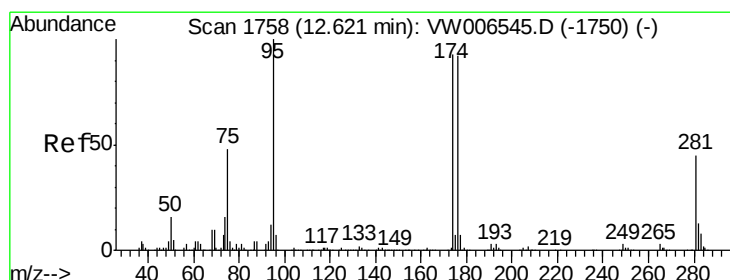
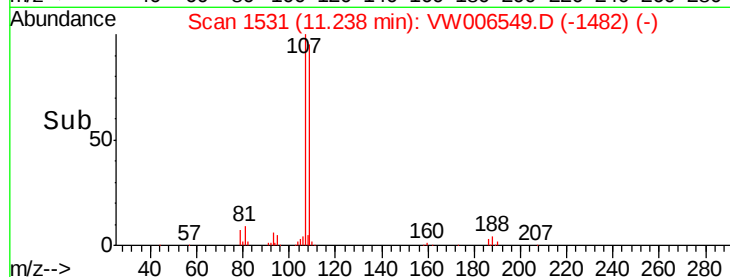
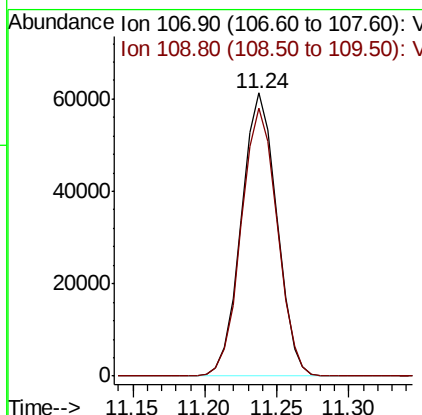
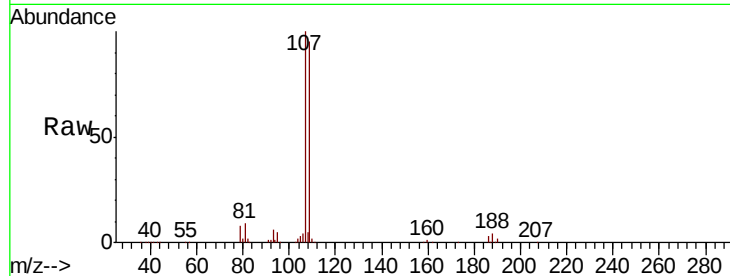
#61  
 1,2-Dibromoethane  
 Concen: 51.057 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.6  | 75.8  | 113.6 |

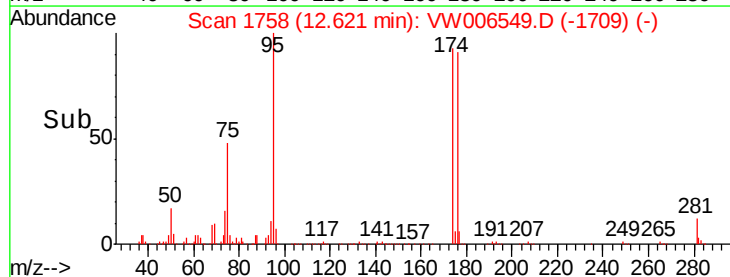
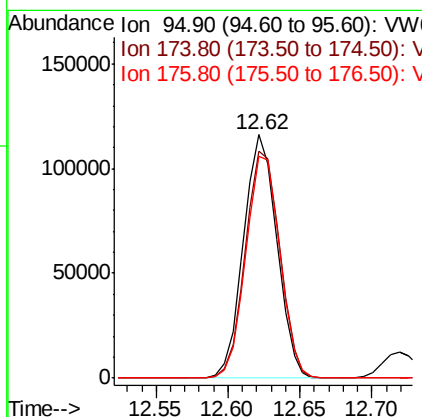
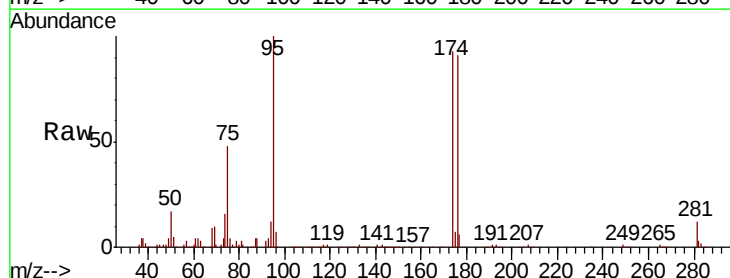
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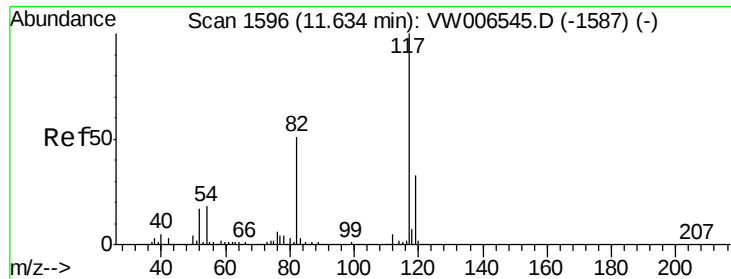
apatel  
 11/2/2018 3:20:20 PM



#62  
 4-Bromofluorobenzene  
 Concen: 50.483 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 95.7  | 0.0   | 192.4 |
| 176     | 93.1  | 0.0   | 187.4 |





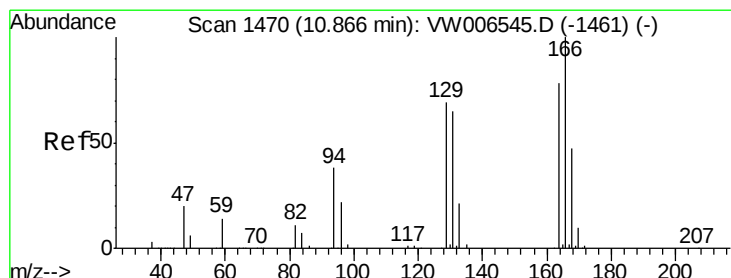
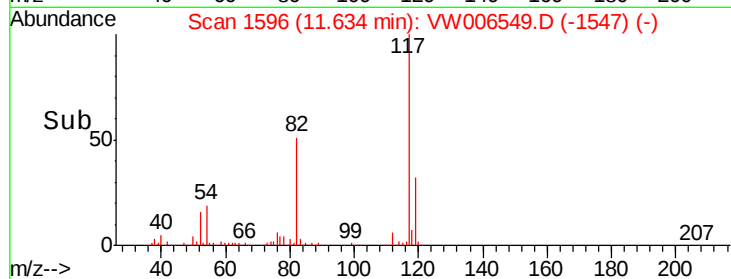
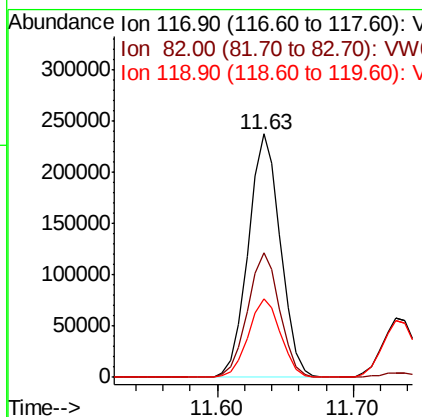
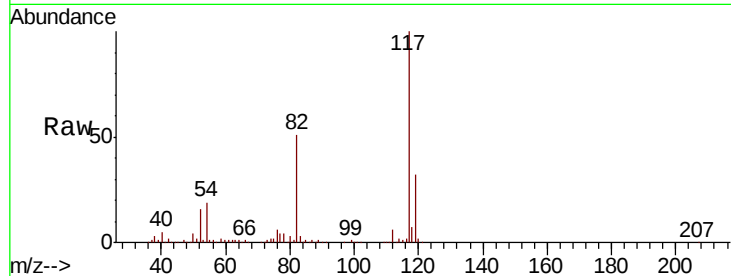
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 393188 |       |       |
| 82      | 51.2  |        | 40.8  | 61.2  |
| 119     | 32.4  |        | 26.1  | 39.1  |

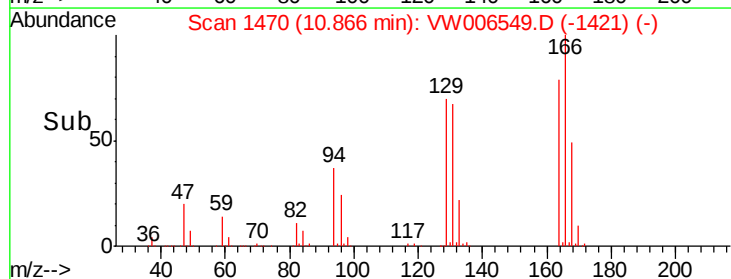
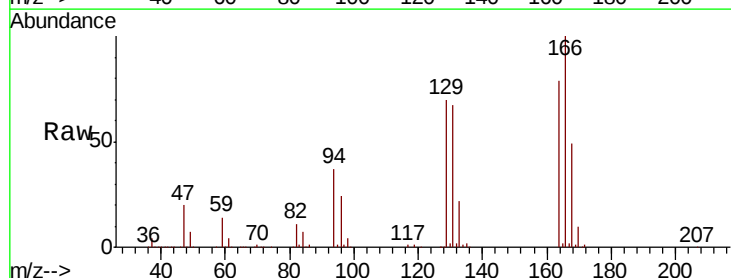
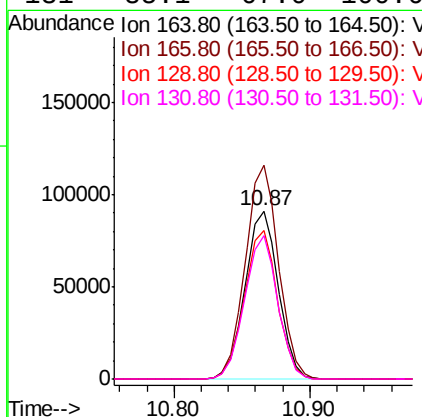
Manual Integrations  
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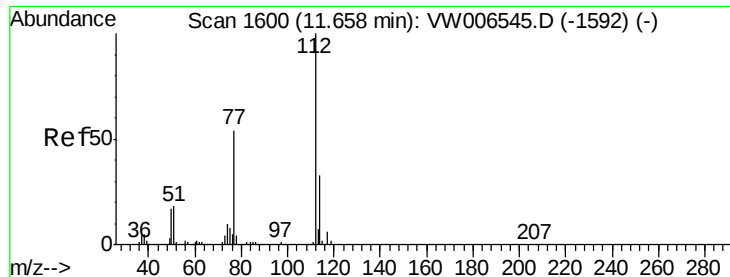
apatel  
11/2/2018 3:20:20 PM



#64  
Tetrachloroethene  
Concen: 49.629 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 155552 |       |       |
| 166     | 127.1 |        | 102.8 | 154.2 |
| 129     | 88.4  |        | 70.9  | 106.3 |
| 131     | 85.1  |        | 67.0  | 100.6 |





#65

Chlorobenzene

Concen: 48.755 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVW110218

Tot Ion:112 Resp: 403392

Ion Ratio Lower Upper

112 100

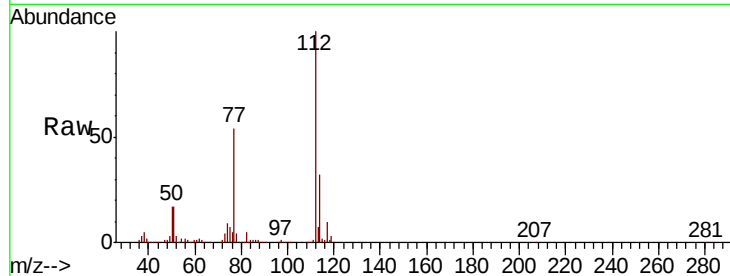
114 32.0 26.2 39.2

Manual Integrations

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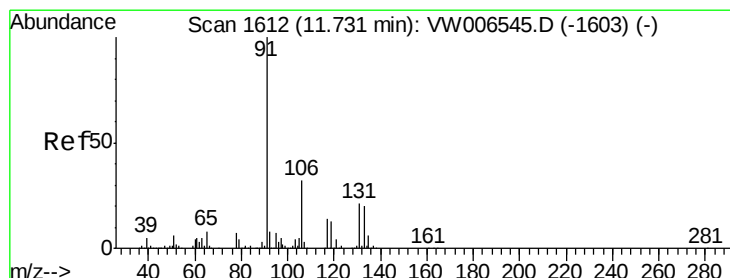
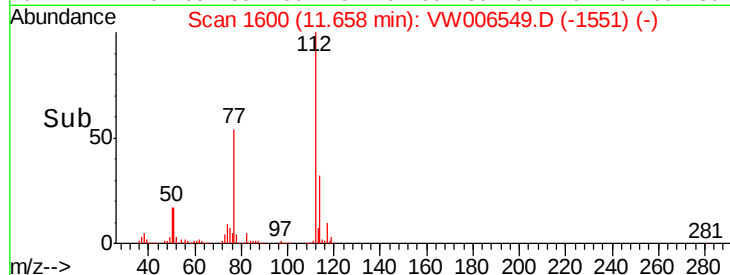
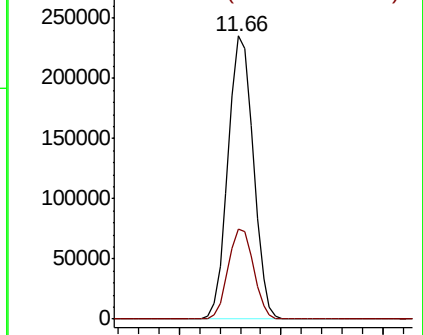
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.669 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

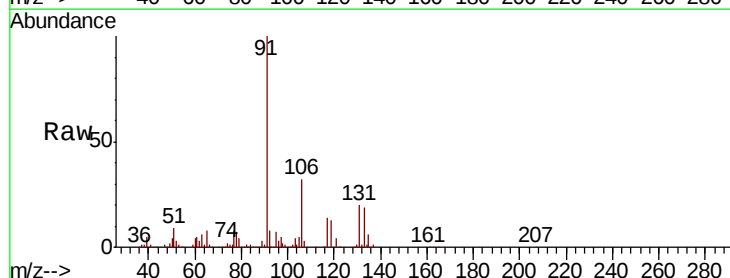
Tgt Ion:131 Resp: 144441

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.5

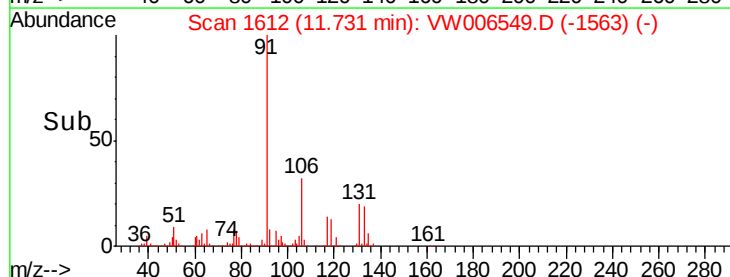
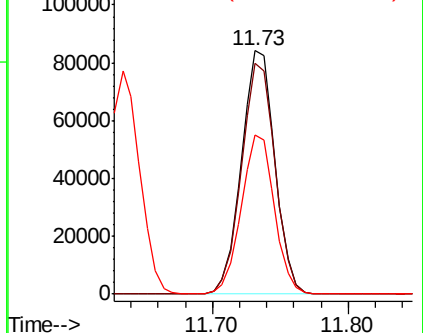
119 64.8 31.9 95.5

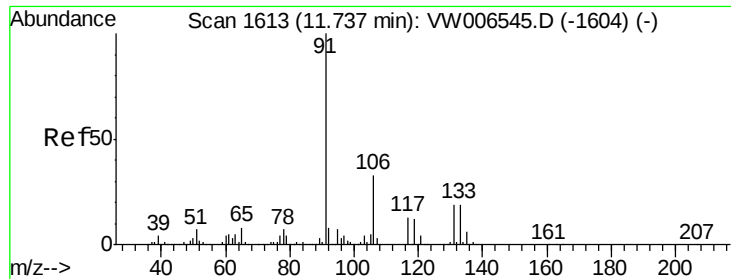


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





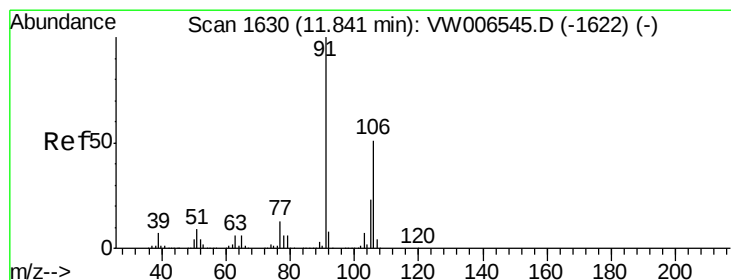
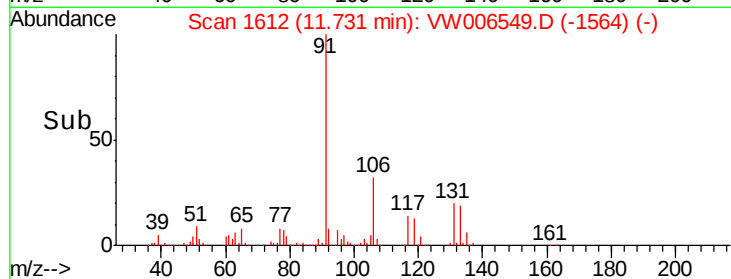
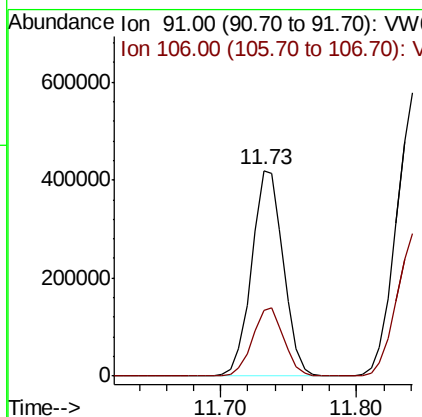
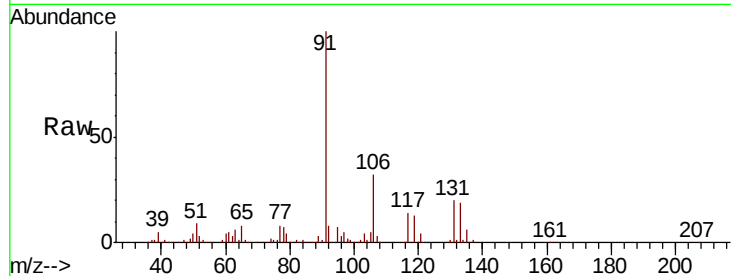
#67  
Ethyl Benzene  
Concen: 49.578 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.01 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.7  | 26.3  | 39.5  |

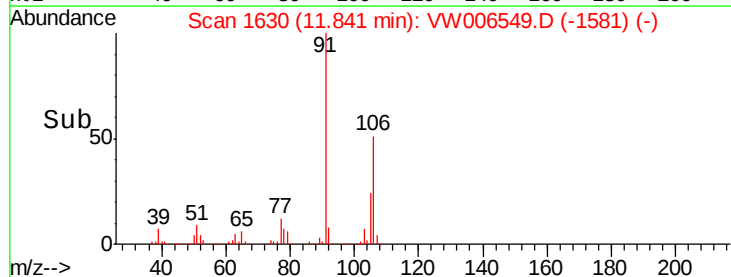
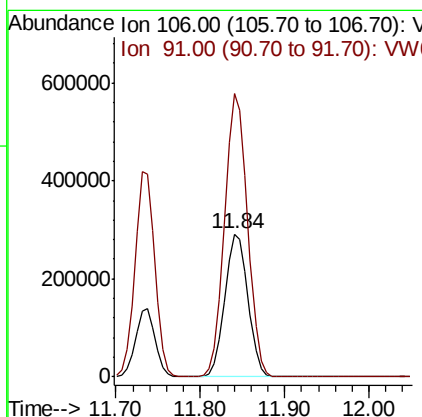
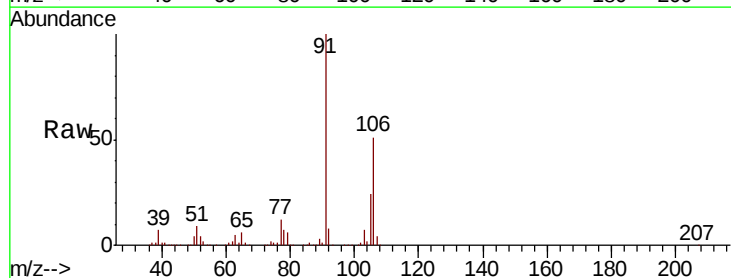
Manual Integrations  
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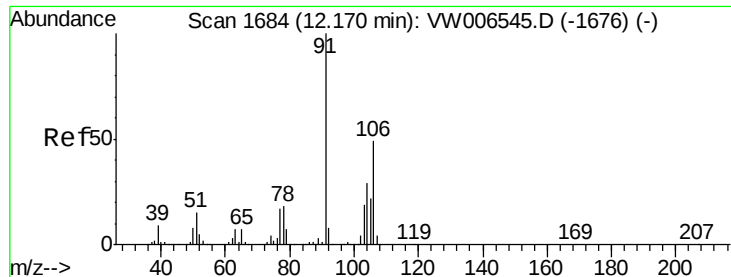
apatel  
11/2/2018 3:20:20 PM



#68  
m/p-Xylenes  
Concen: 99.369 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 196.2 | 156.7 | 235.1 |





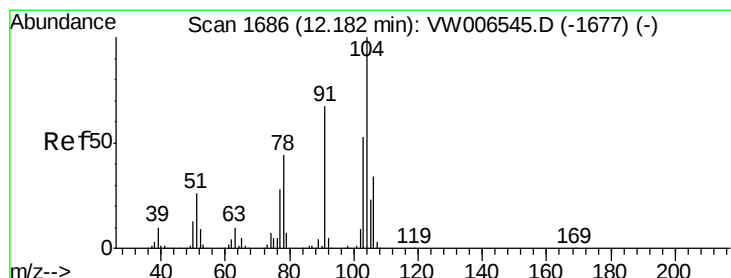
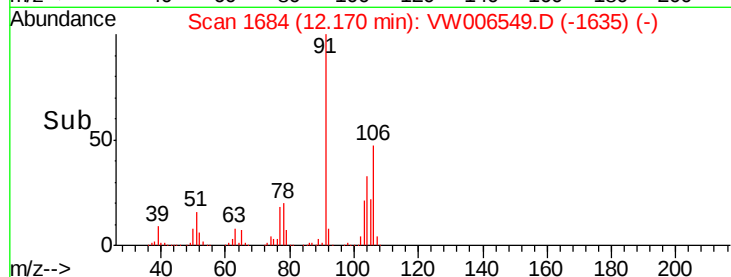
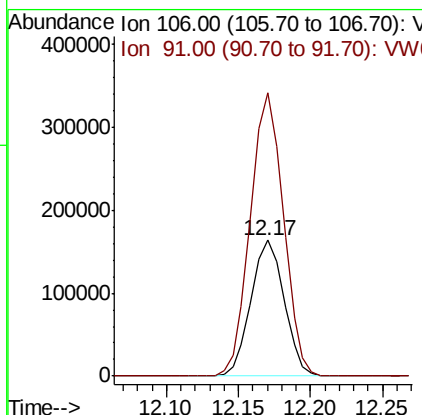
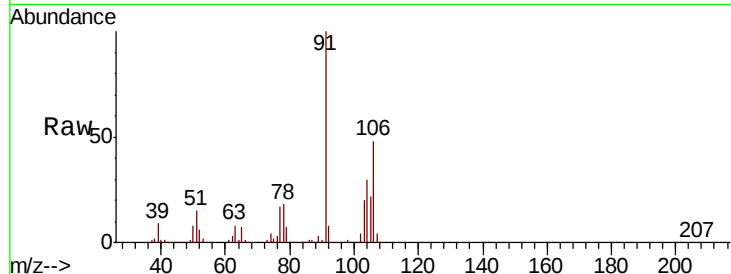
#69  
o-Xylene  
Concen: 49.751 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 261692  | 106 | 100   |       |       |
|         | 91  | 207.8 | 102.8 | 308.4 |

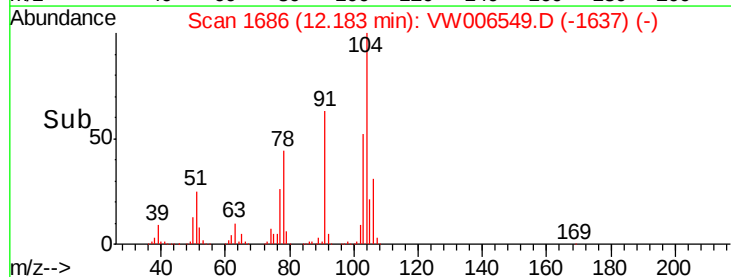
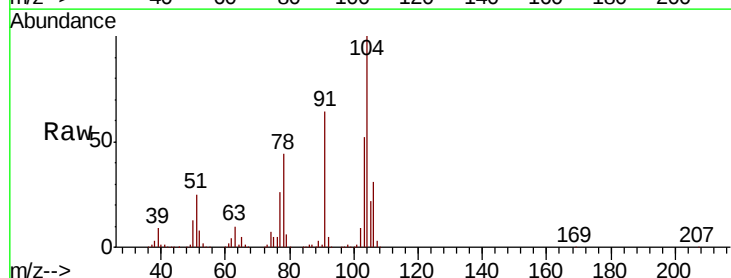
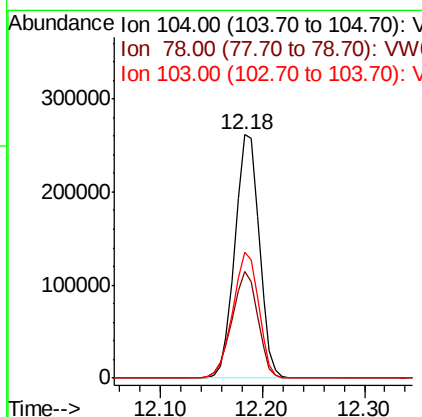
Manual Integrations  
APPROVED

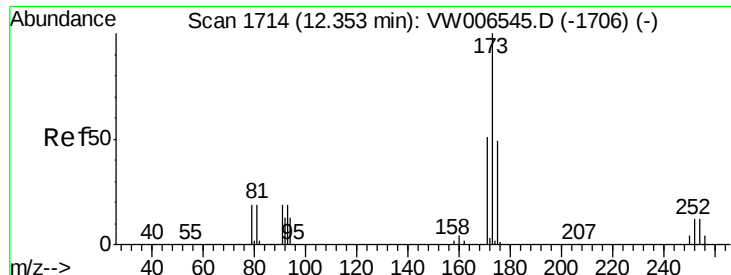
apatel  
11/2/2018 3:20:20 PM



#70  
Styrene  
Concen: 50.195 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 430455  | 104 | 100   |       |       |
|         | 78  | 46.6  | 37.2  | 55.8  |
|         | 103 | 55.0  | 44.2  | 66.2  |





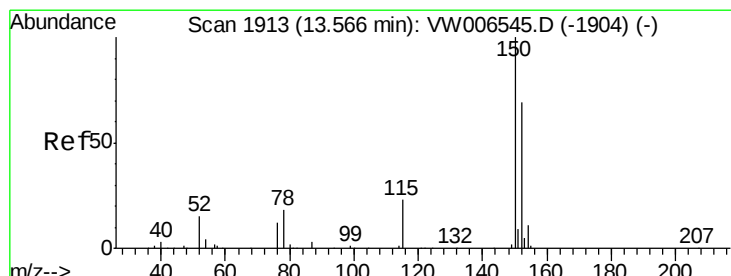
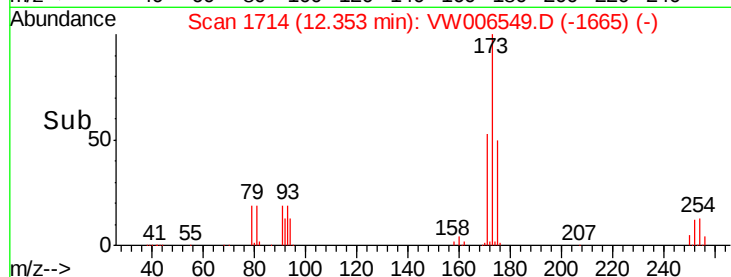
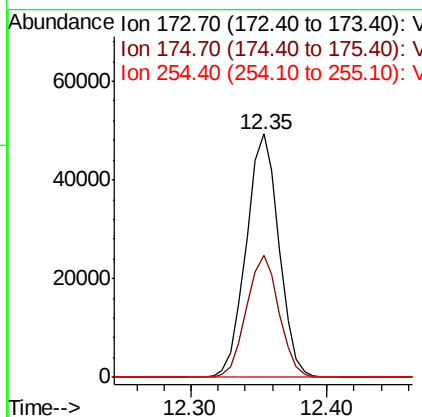
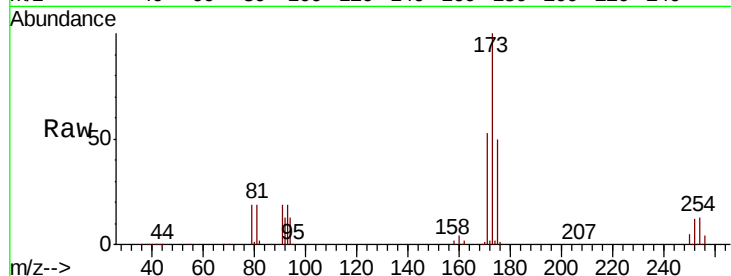
#71  
Bromoform  
Concen: 53.966 ug/l  
RT: 12.35 min Scan# 1714  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.1  | 72.4  |
| 254     | 0.2   | 0.1   | 0.1#  |

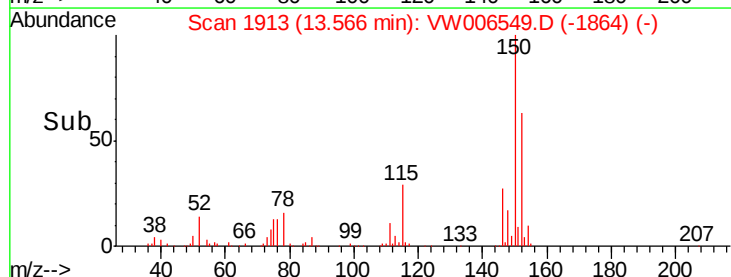
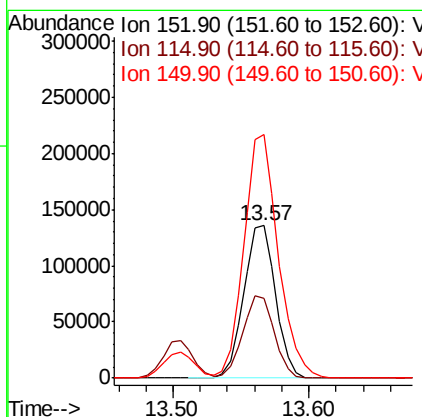
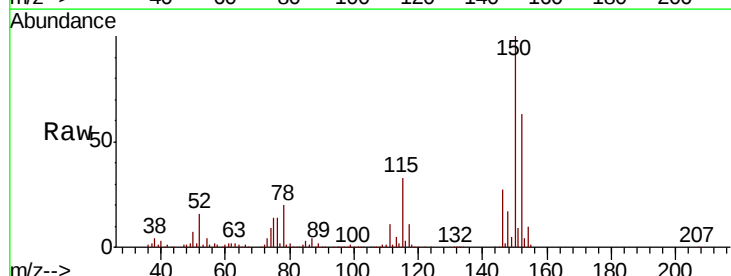
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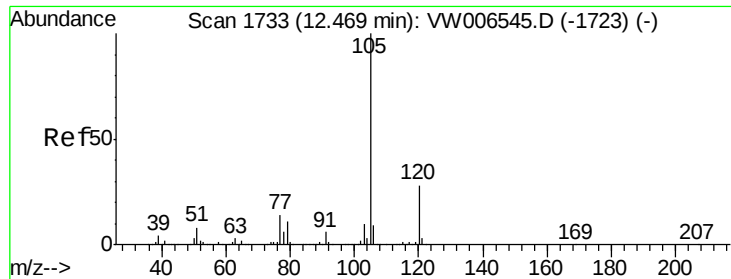
apatel  
11/2/2018 3:20:20 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.5  | 26.6  | 79.8  |
| 150     | 171.9 | 0.0   | 344.6 |





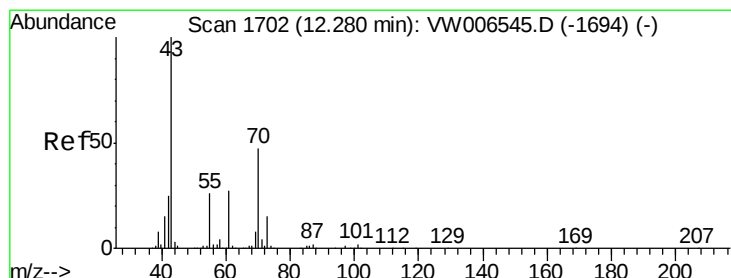
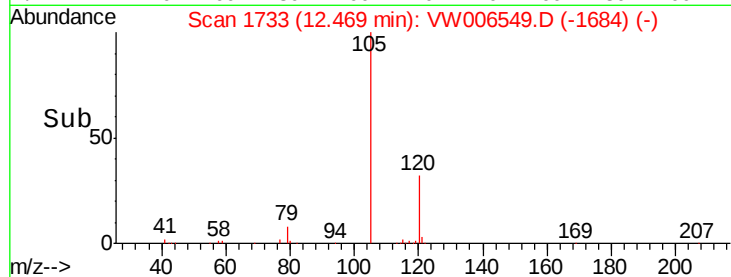
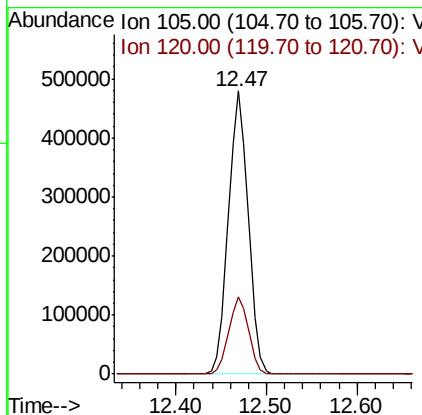
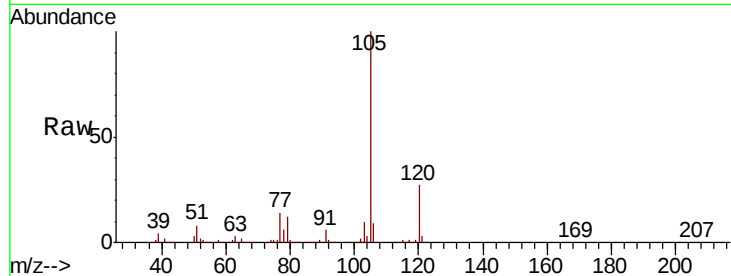
#73  
Isopropylbenzene  
Concen: 49.694 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.4  | 13.7  | 41.1  |

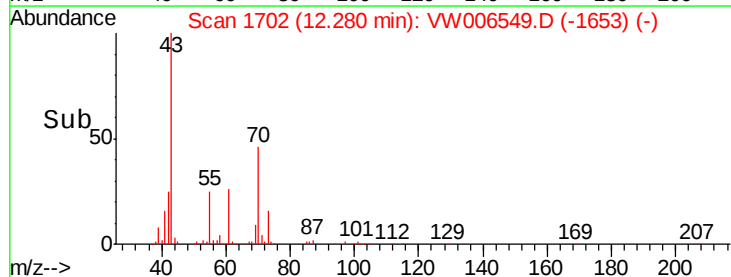
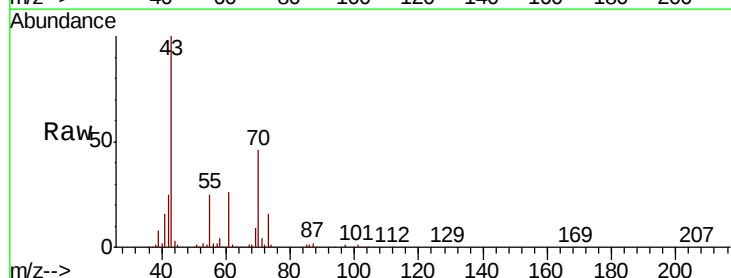
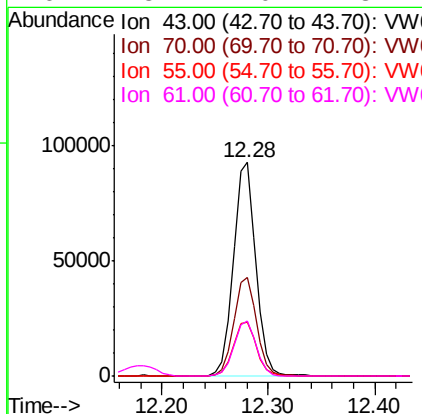
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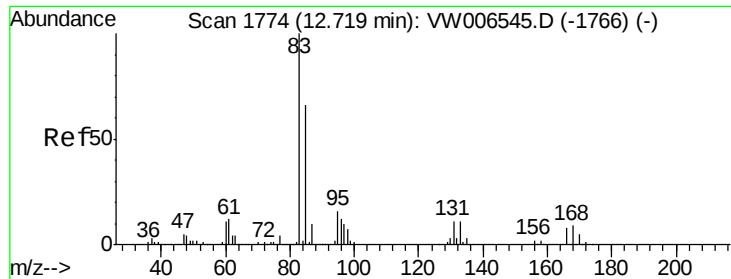
apatel  
11/2/2018 3:20:20 PM



#74  
N-ethyl acetate  
Concen: 53.922 ug/l  
RT: 12.28 min Scan# 1702  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 47.1  | 36.9  | 55.3  |
| 55      | 26.3  | 20.7  | 31.1  |
| 61      | 25.7  | 20.7  | 31.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 52.815 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

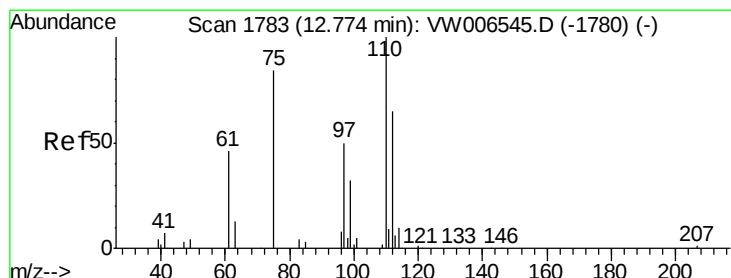
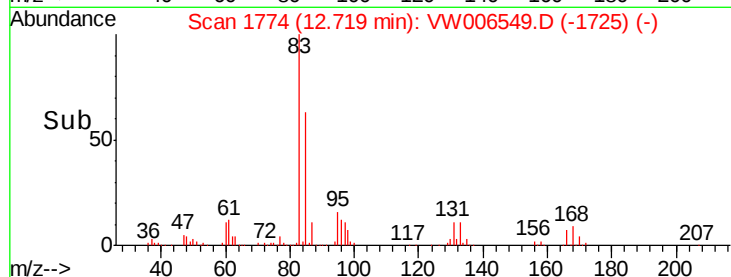
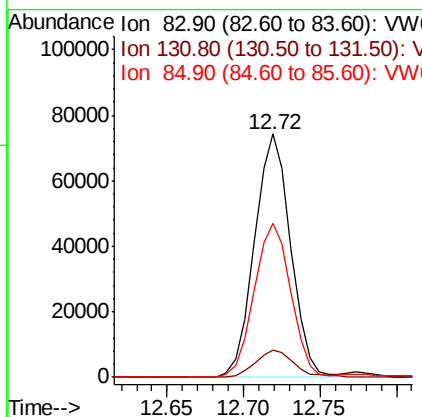
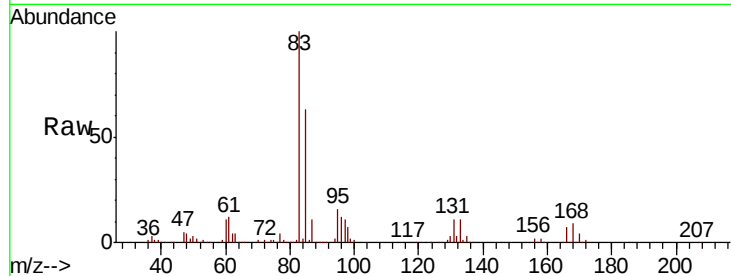
ClientSampleId :

ICVW110218

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 121992 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.9  | 5.9   | 17.7   |
| 85        | 64.1  | 32.3  | 96.8   |

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#76

1,2,3-Trichloropropane

Concen: 53.907 ug/l m

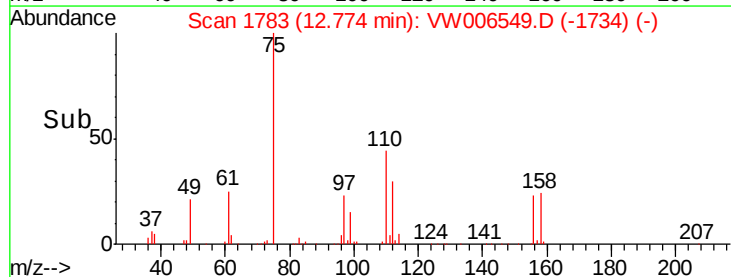
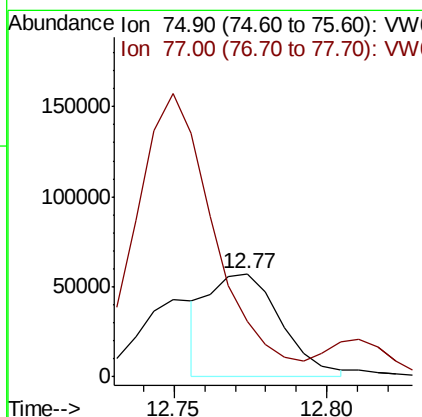
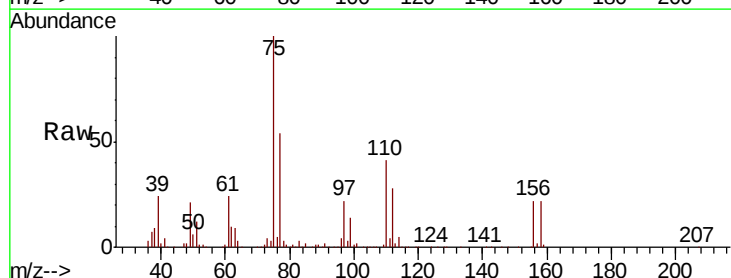
RT: 12.77 min Scan# 1783

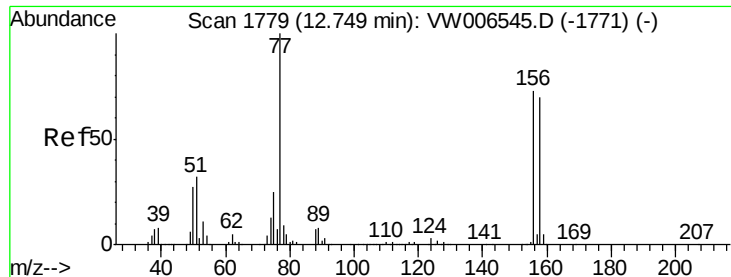
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 93373 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 48.911 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

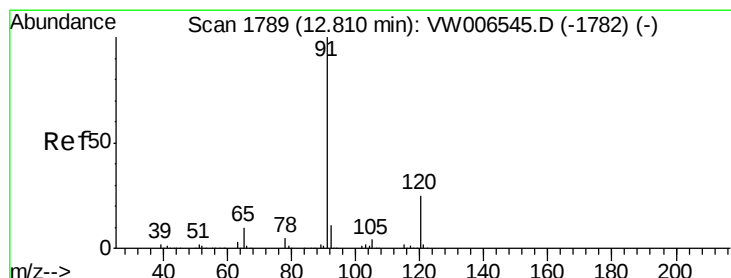
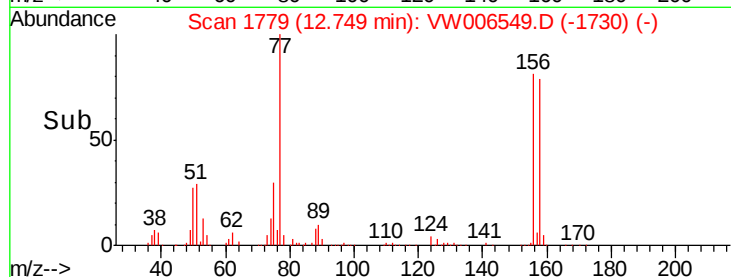
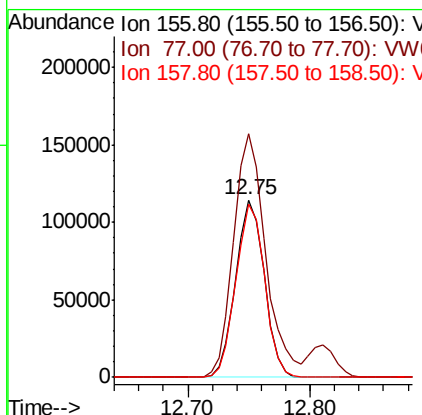
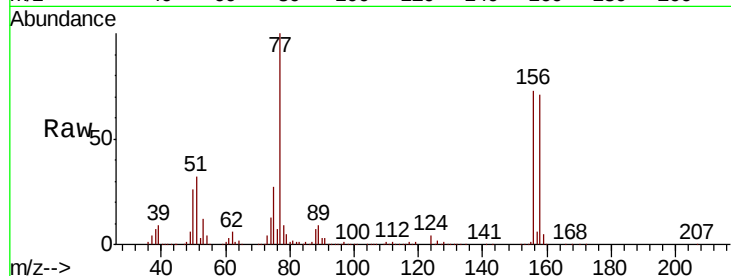
ClientSampleId :

ICVW110218

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 185199 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 154.3 | 75.9  | 227.8  |
| 158       | 98.1  | 48.6  | 145.9  |

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#78

n-propylbenzene

Concen: 49.721 ug/l

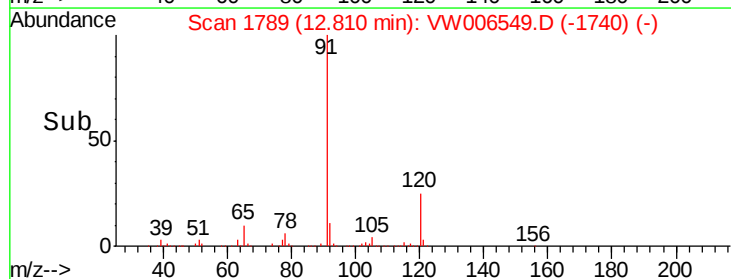
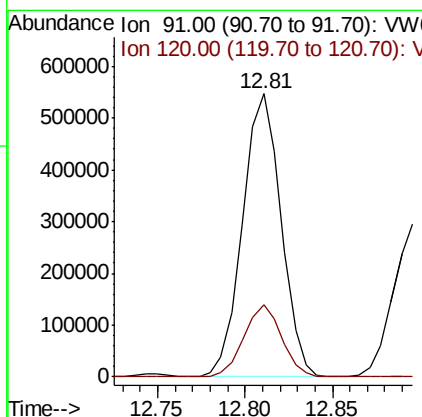
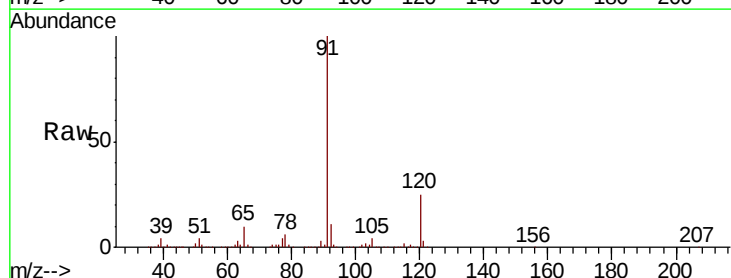
RT: 12.81 min Scan# 1789

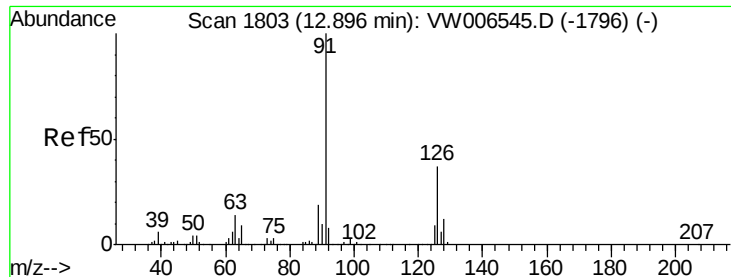
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 836366 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.8  | 12.4  | 37.0   |





#79

2-Chlorotoluene

Concen: 48.956 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampleId :

ICVW110218

Tot Ion: 91 Resp: 472612

Ion Ratio Lower Upper

91 100

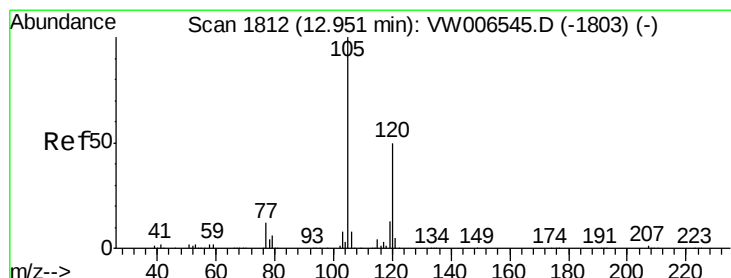
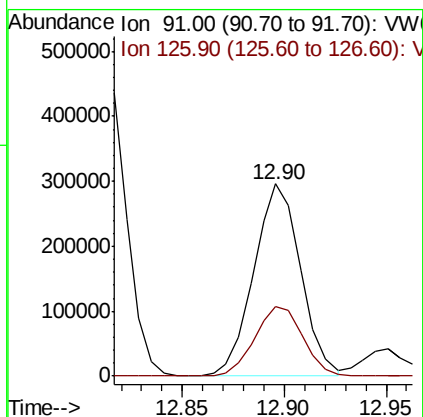
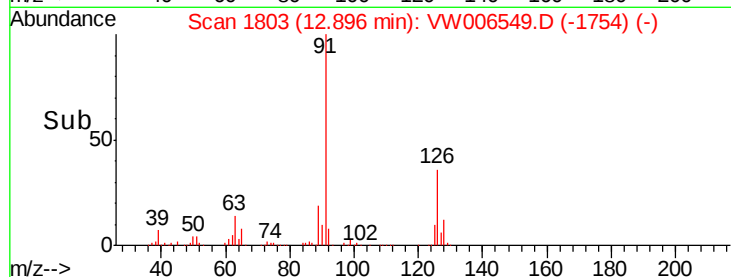
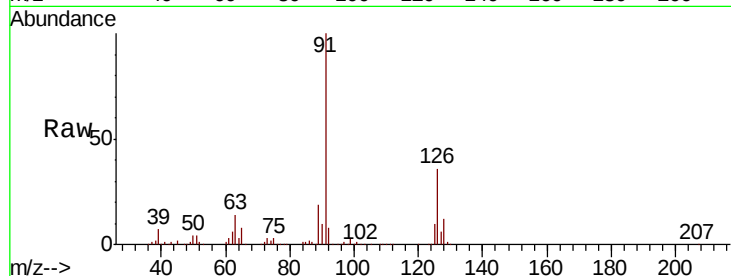
126 37.2 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 49.717 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006549.D

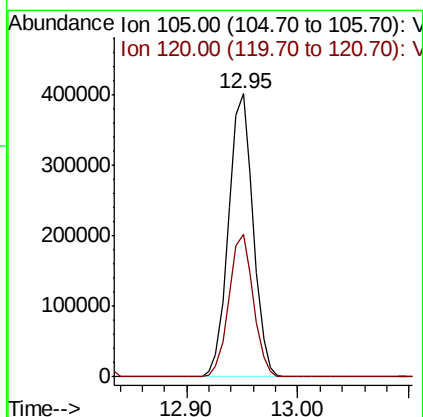
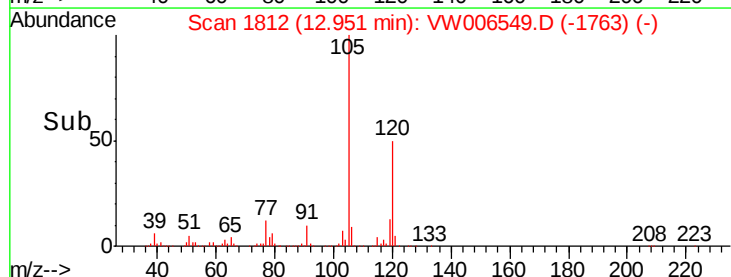
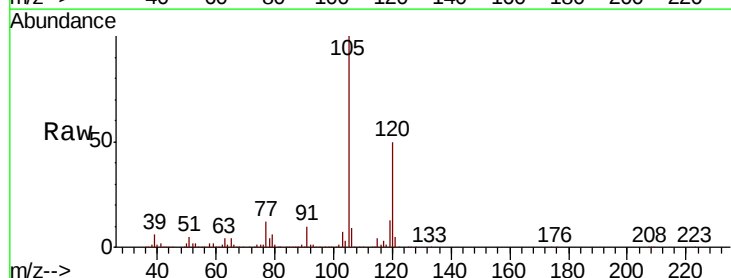
Acq: 01 Nov 2018 02:56

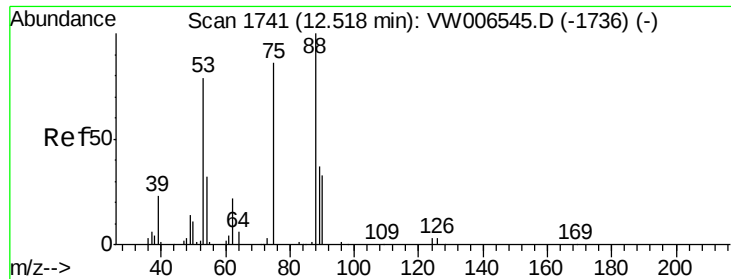
Tgt Ion:105 Resp: 610836

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.557 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

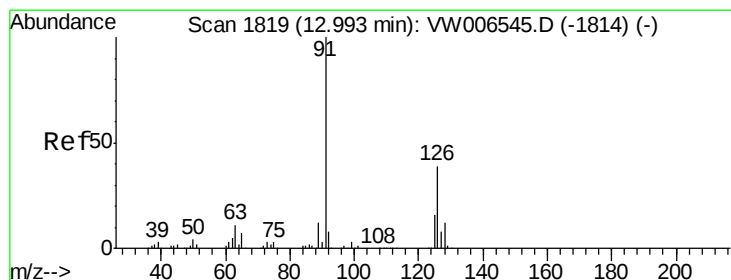
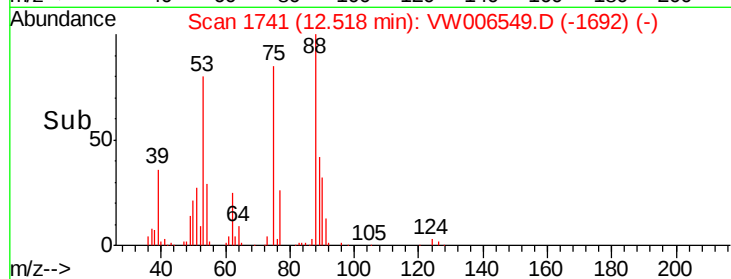
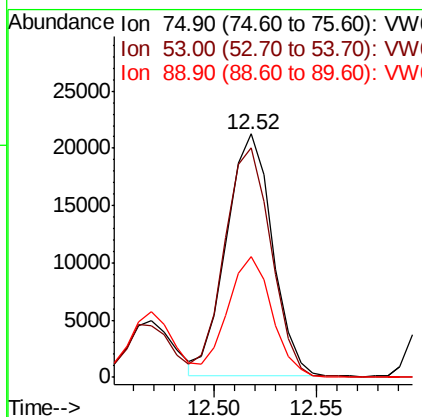
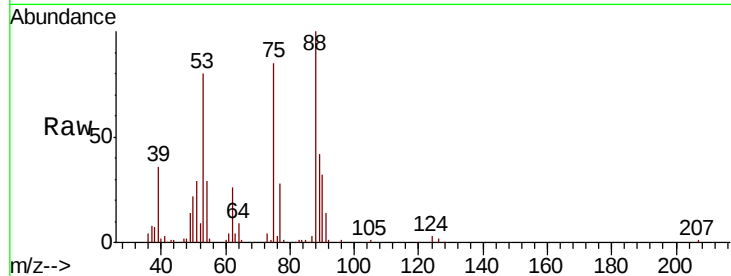
ClientSampled :

ICVW110218

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 33129 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 96.7  | 77.2  | 115.8 |
| 89       | 47.8  | 38.6  | 58.0  |

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#82

4-Chlorotoluene

Concen: 49.036 ug/l

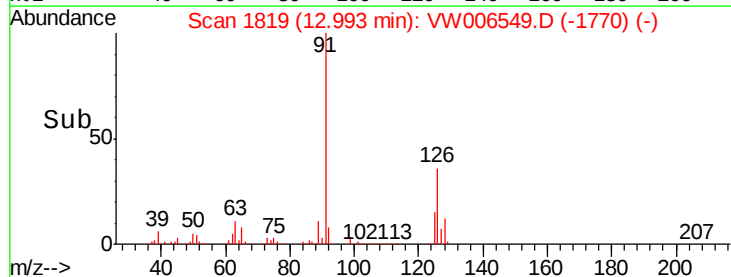
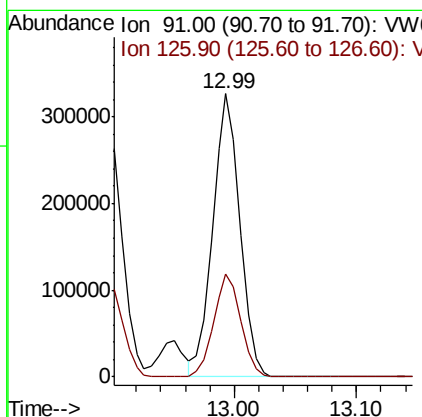
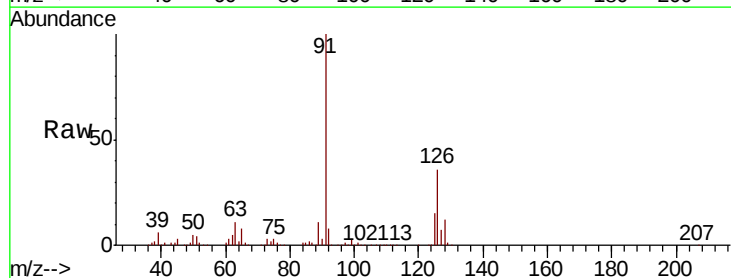
RT: 12.99 min Scan# 1819

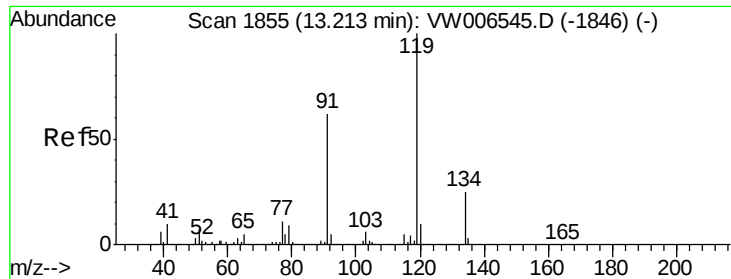
Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 500818 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 36.5  | 18.5  | 55.5   |





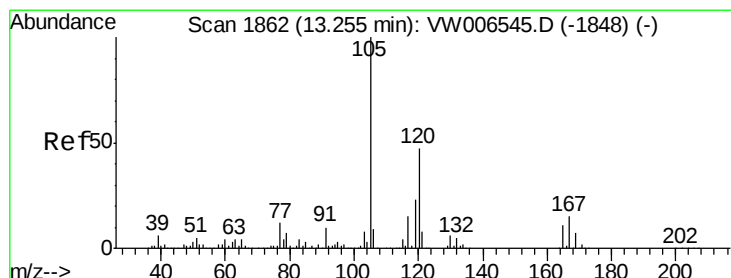
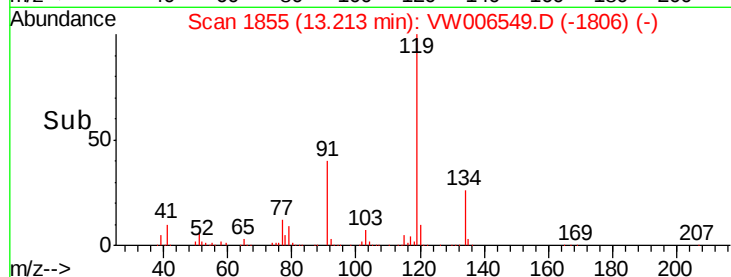
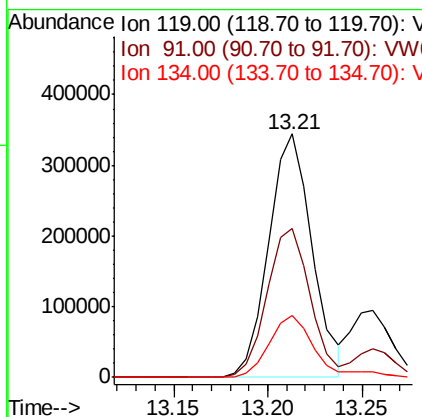
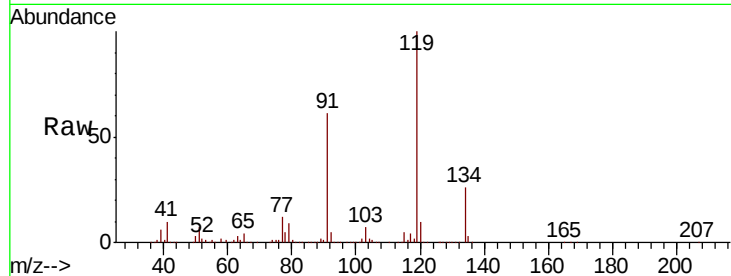
#83  
tert-Butylbenzene  
Concen: 50.056 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 548447 |       |       |
| 91      | 60.9  |        | 30.4  | 91.3  |
| 134     | 26.9  |        | 13.5  | 40.4  |

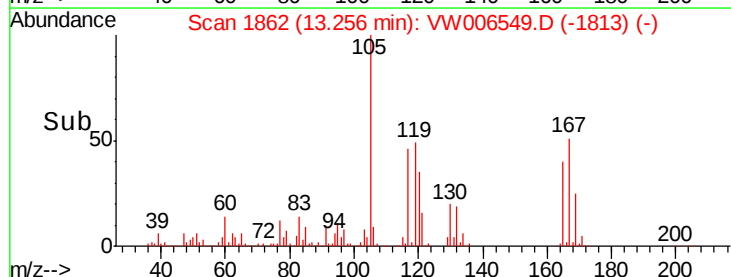
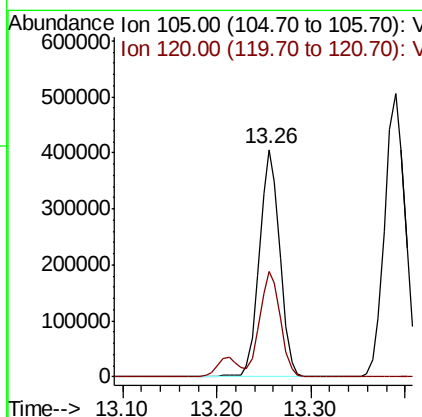
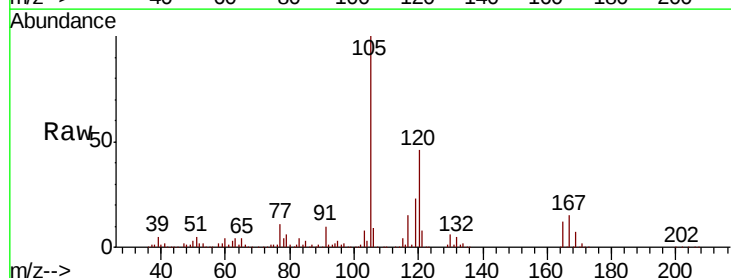
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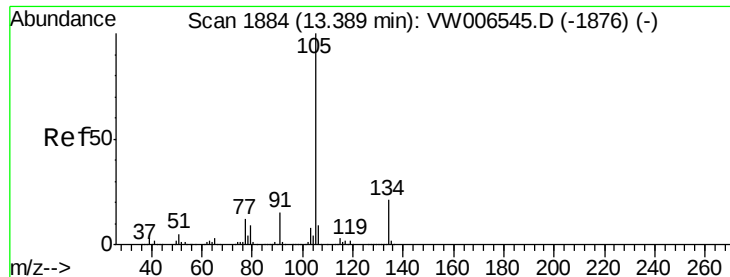
apatel  
11/2/2018 3:20:20 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 49.326 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 621618 |       |       |
| 120     | 46.4  |        | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 50.157 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

Instrument :

MSVOA\_W

ClientSampled :

ICVW110218

Tot Ion:105 Resp: 769679

Ion Ratio Lower Upper

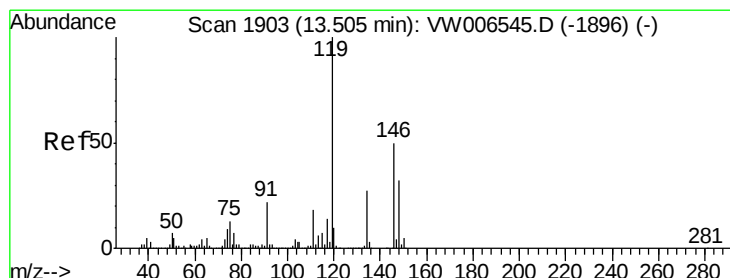
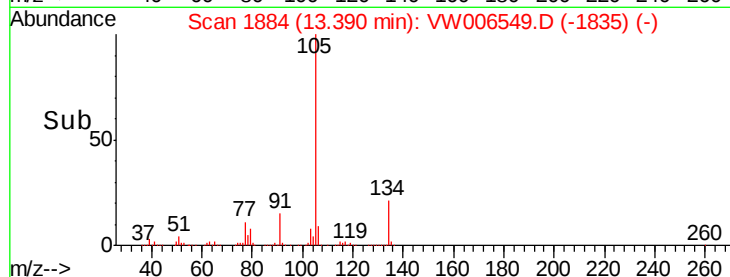
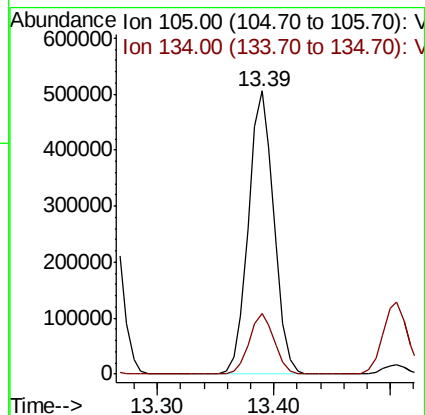
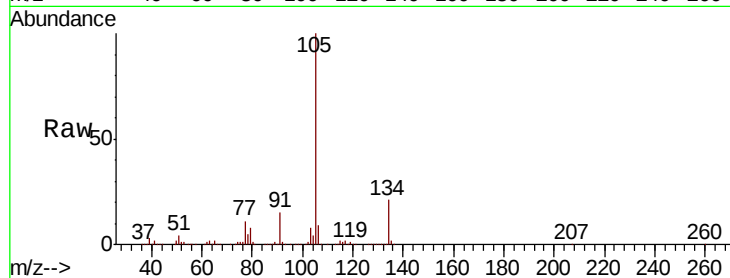
105 100

134 21.1 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 49.632 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006549.D

Acq: 01 Nov 2018 02:56

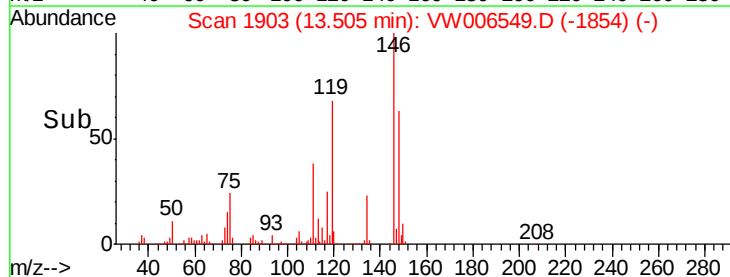
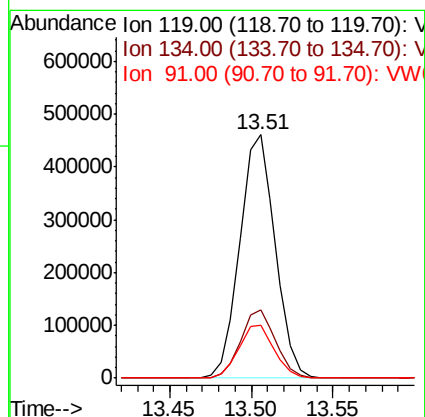
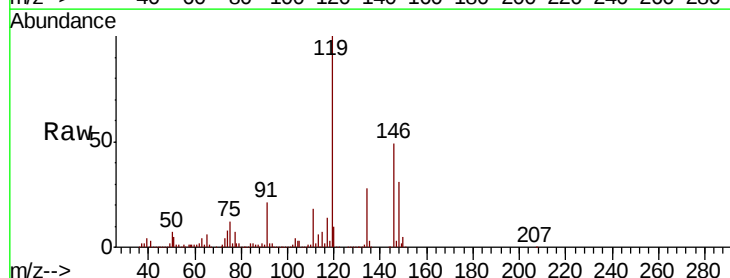
Tgt Ion:119 Resp: 693017

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.7

91 21.9 10.9 32.6





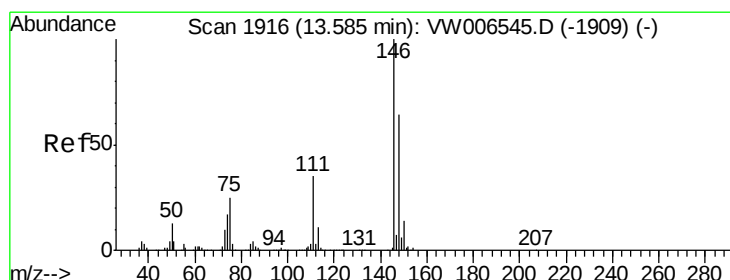
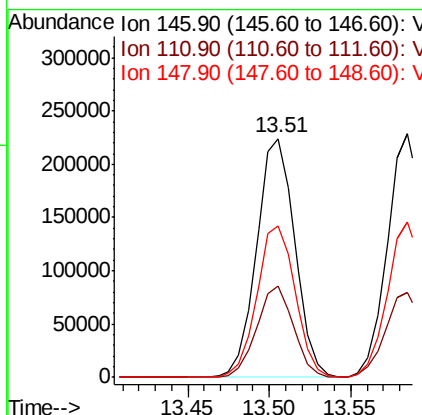
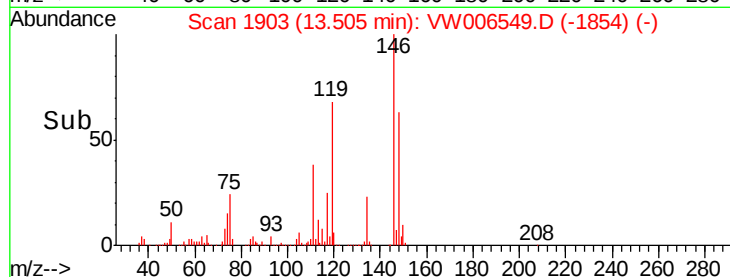
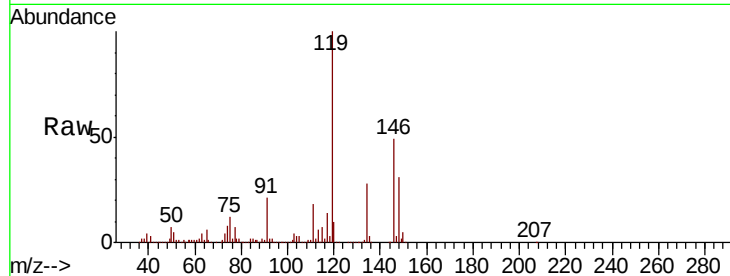
#87  
 1,3-Dichlorobenzene  
 Concen: 48.917 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.9  | 18.6  | 55.6  |
| 148     | 63.6  | 32.1  | 96.3  |

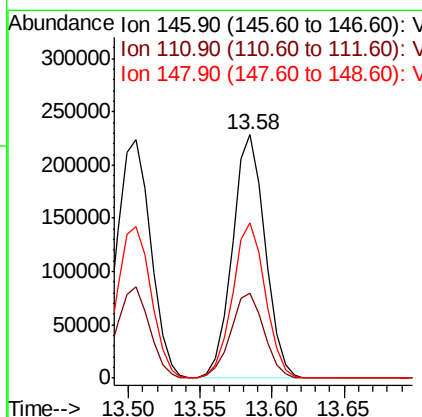
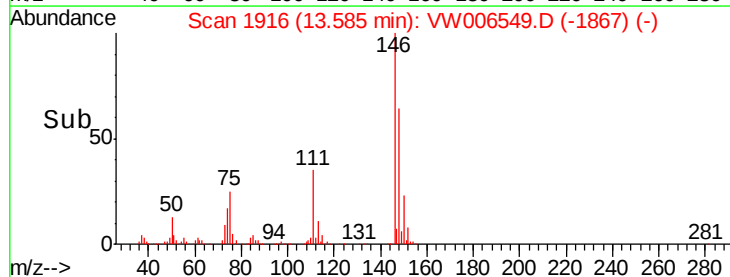
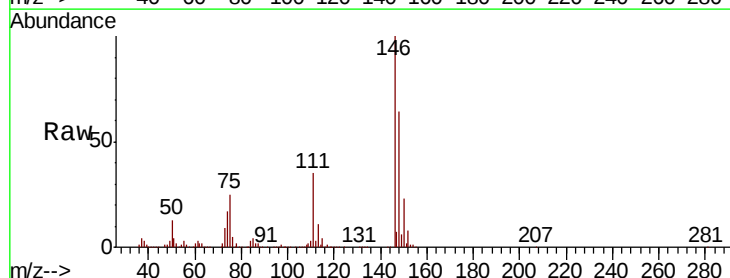
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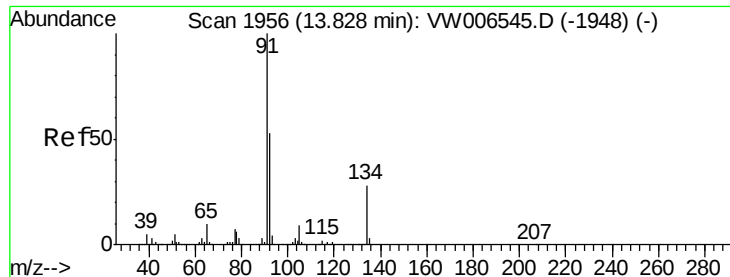
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.832 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.8  | 17.9  | 53.7  |
| 148     | 63.9  | 32.1  | 96.5  |





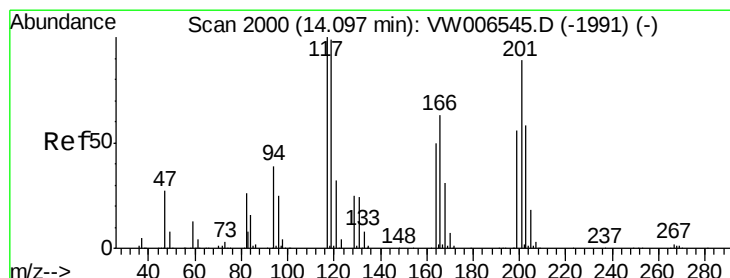
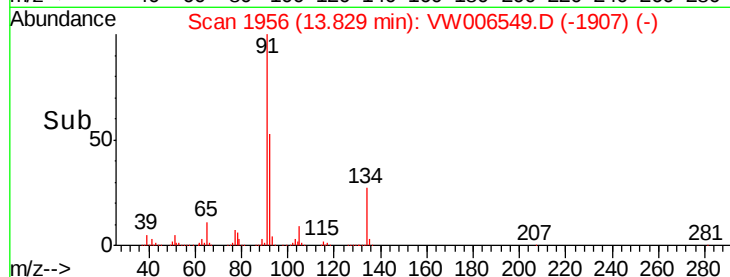
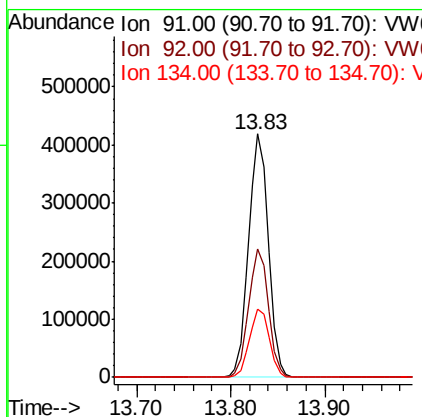
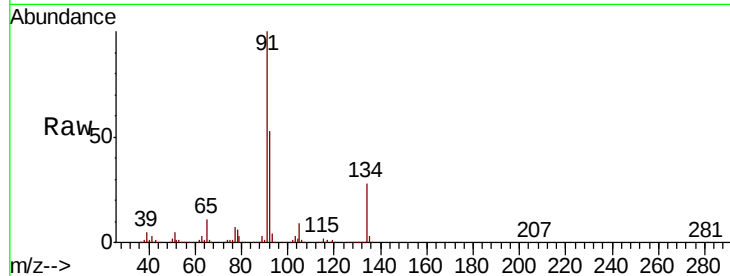
#89  
n-Butylbenzene  
Concen: 49.861 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 26.4  | 79.0  |
| 134     | 28.5  | 14.3  | 42.9  |

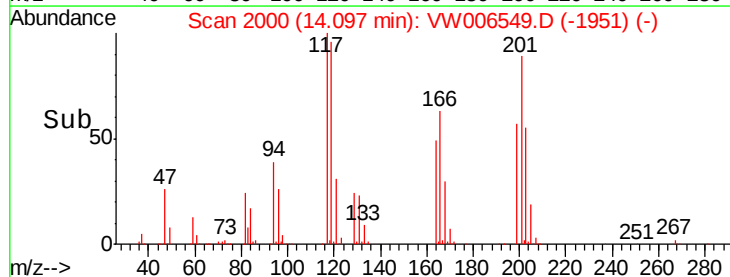
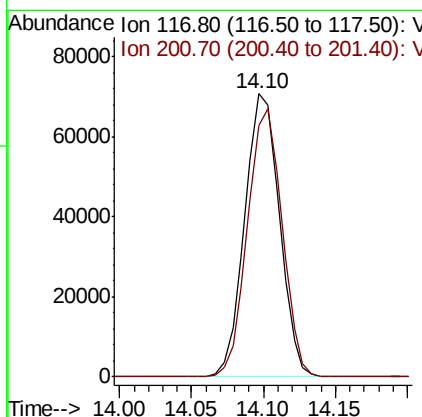
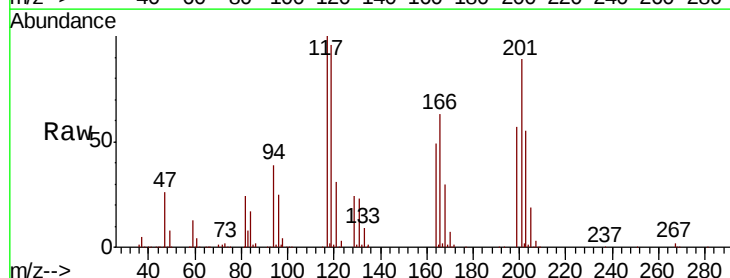
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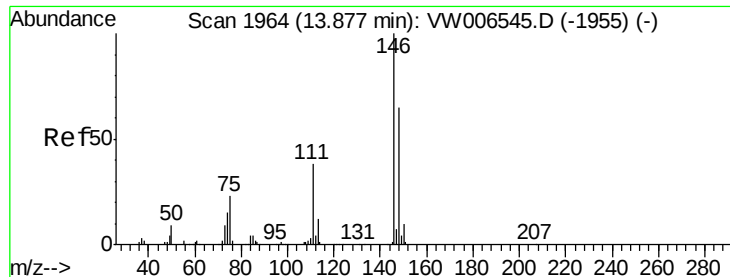
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#90  
Hexachloroethane  
Concen: 51.526 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 94.1  | 46.8  | 140.3 |





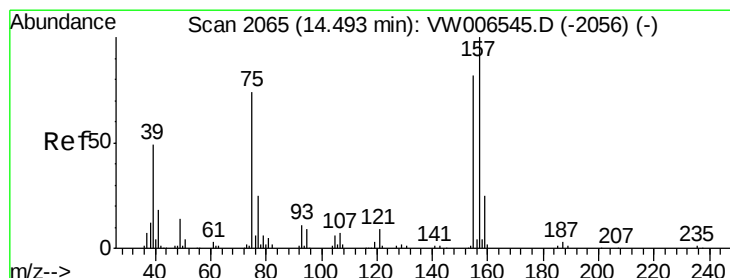
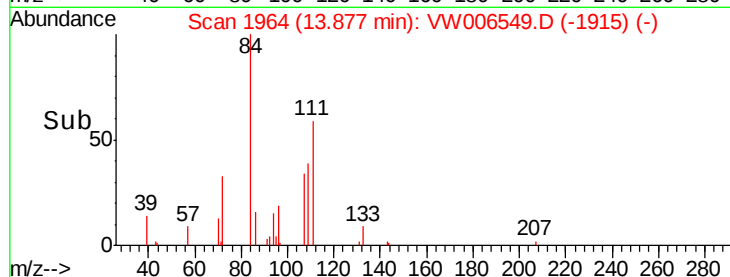
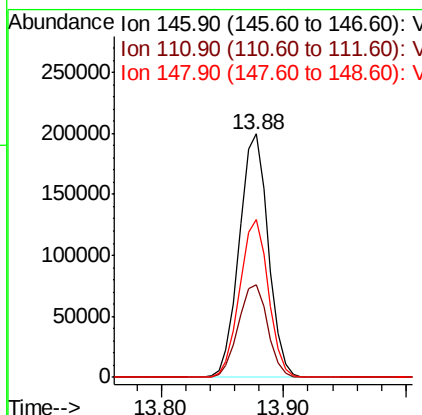
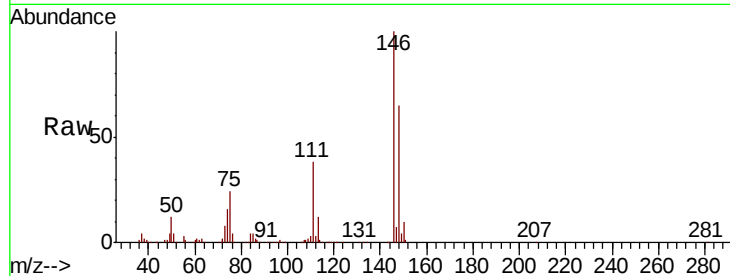
#91  
 1,2-Dichlorobenzene  
 Concen: 48.653 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVW110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.1  | 57.5  |
| 148     | 64.3  | 32.0  | 96.0  |

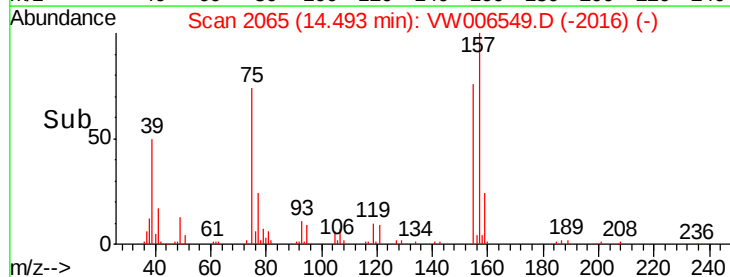
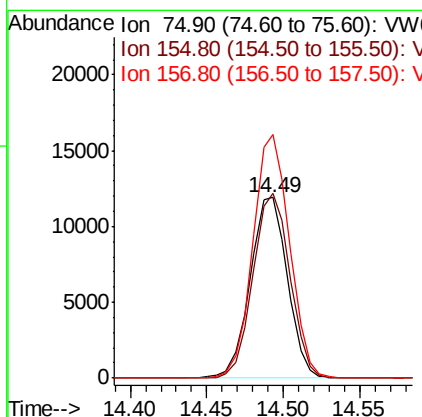
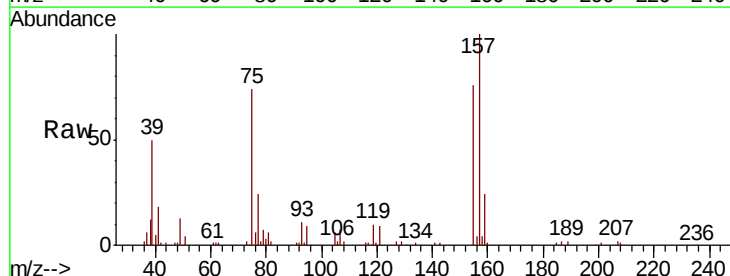
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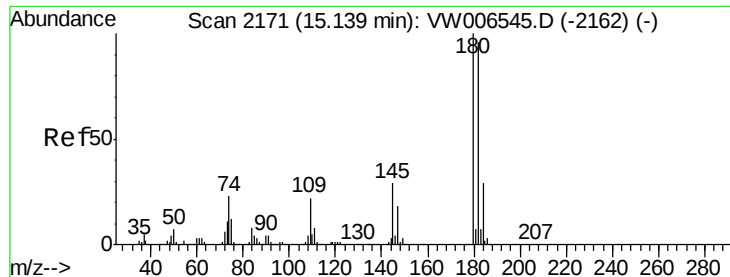
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.883 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 101.3 | 50.6  | 151.8 |
| 157     | 132.1 | 65.0  | 195.0 |





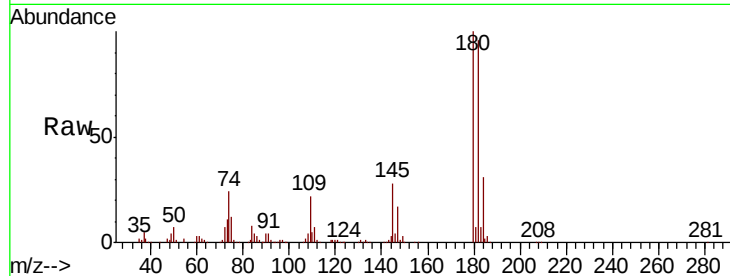
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.169 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW110218

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 245238 |       |       |
| 182     | 95.5  | 47.5   | 142.6 |       |
| 145     | 28.1  | 14.0   | 42.0  |       |

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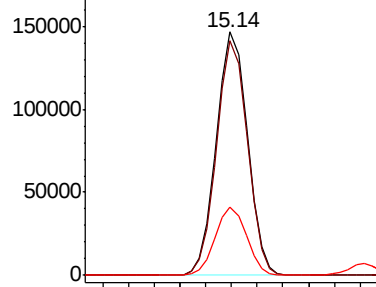


Abundance

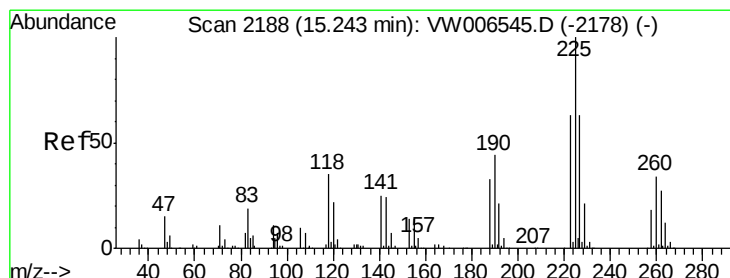
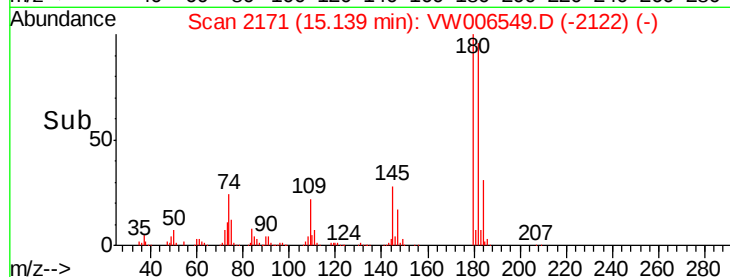
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

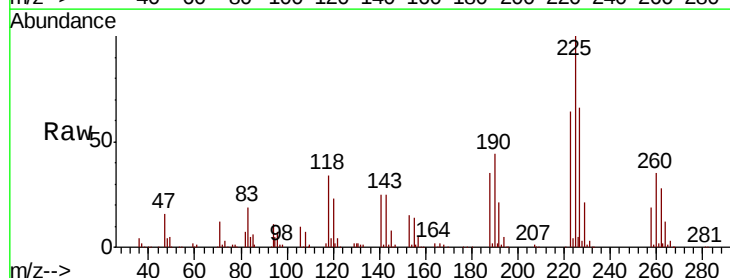


Time-->



#94  
 Hexachlorobutadiene  
 Concen: 48.229 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006549.D  
 Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 149922 |       |       |
| 223     | 63.6  | 31.4   | 94.2  |       |
| 227     | 65.5  | 32.2   | 96.6  |       |

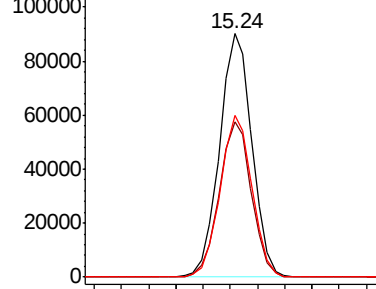


Abundance

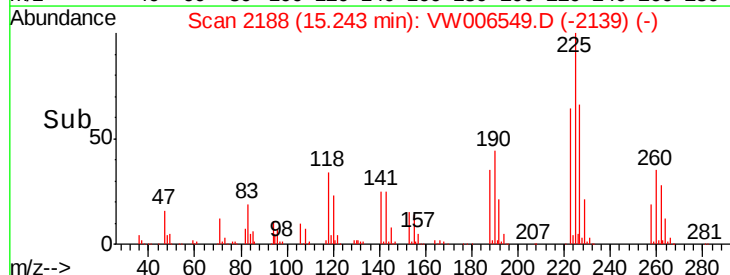
Ion 224.70 (224.40 to 225.40): V

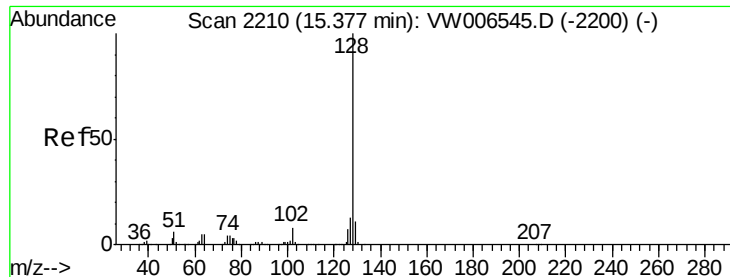
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





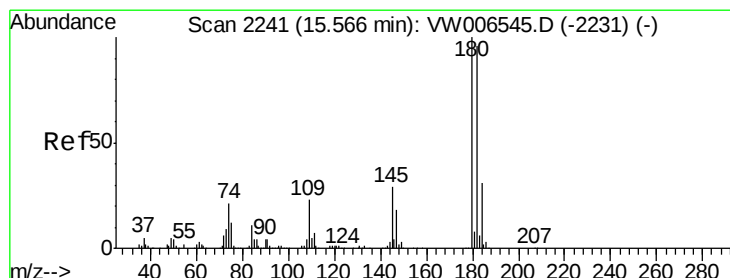
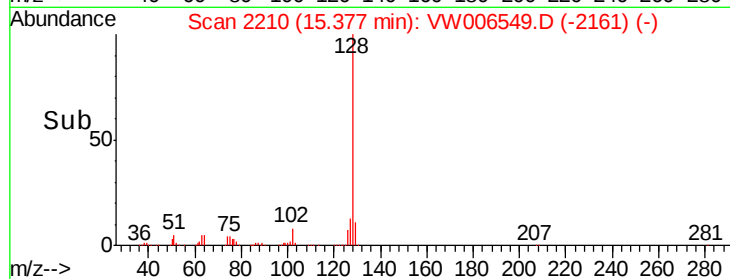
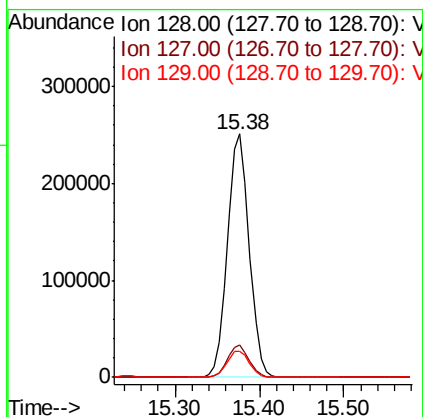
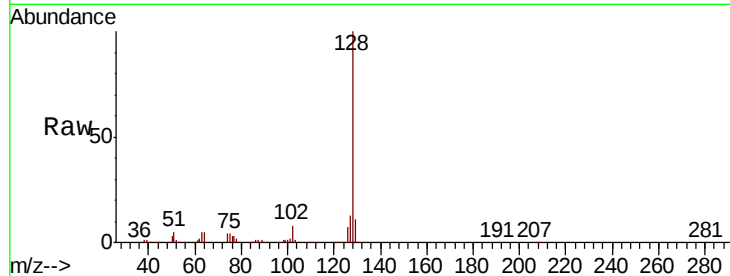
#95  
Naphthalene  
Concen: 55.007 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV110218

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.3  | 15.5  |
| 129     | 11.1  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.179 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006549.D  
Acq: 01 Nov 2018 02:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.2  | 144.6 |
| 145     | 29.3  | 14.9  | 44.5  |

