

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\  
 Data File : VX005517.D  
 Acq On : 23 Oct 2018 13:33  
 Operator : JC/MD  
 Sample : VX1023WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/24/2018 10:02:45 AM

Quant Time: Oct 24 01:39:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 236500   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 333484   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 301569   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 169401   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 144006   | 54.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.72% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 116725   | 52.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.70% |      |
| 50) Toluene-d8            | 8.71   | 98  | 405260   | 53.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.88% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 152454   | 53.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.04% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 37460  | 20.258  | ug/l   | 97     |
| 3) Chloromethane              | 1.32 | 50  | 51559  | 19.243  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 50325  | 18.541  | ug/l   | 99     |
| 5) Bromomethane               | 1.64 | 94  | 30418  | 20.195  | ug/l   | 96     |
| 6) Chloroethane               | 1.72 | 64  | 32236  | 19.127  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 75565  | 20.862  | ug/l   | 91     |
| 8) Diethyl Ether              | 2.19 | 74  | 30818  | 19.924  | ug/l   | 86     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 45735  | 21.877  | ug/l   | 95     |
| 10) Methyl Iodide             | 2.51 | 142 | 37208  | 17.913  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 74490  | 100.606 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 40351  | 19.481  | ug/l # | 80     |
| 13) Acrolein                  | 2.29 | 56  | 31963  | 66.059  | ug/l   | 95     |
| 14) Allyl chloride            | 2.73 | 41  | 93114  | 20.475  | ug/l   | 95     |
| 15) Acrylonitrile             | 3.15 | 53  | 169250 | 100.874 | ug/l   | 96     |
| 16) Acetone                   | 2.44 | 43  | 147509 | 97.198  | ug/l   | 89     |
| 17) Carbon Disulfide          | 2.57 | 76  | 106988 | 17.050  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.78 | 43  | 99793  | 23.113  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 157457 | 21.584  | ug/l   | 96     |
| 20) Methylene Chloride        | 2.85 | 84  | 49685  | 21.729  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 43964  | 19.152  | ug/l   | 83     |
| 22) Diisopropyl ether         | 3.88 | 45  | 171753 | 22.485  | ug/l # | 89     |
| 23) Vinyl Acetate             | 3.82 | 43  | 722685 | 108.247 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 92191  | 21.059  | ug/l   | 97     |
| 25) 2-Butanone                | 4.70 | 43  | 237760 | 107.077 | ug/l   | 91     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 70933  | 21.666  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 50664  | 20.309  | ug/l   | 89     |
| 28) Bromochloromethane        | 5.01 | 49  | 53960  | 27.039  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 151196 | 106.749 | ug/l   | 91     |
| 30) Chloroform                | 5.21 | 83  | 86160  | 21.205  | ug/l   | 84     |
| 31) Cyclohexane               | 5.57 | 56  | 71199  | 19.733  | ug/l   | 86     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 73770  | 20.865  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 61750  | 19.119  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 85647  | 20.620  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 64899  | 19.998  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102318\  
 Data File : VX005517.D  
 Acq On : 23 Oct 2018 13:33  
 Operator : JC/MD  
 Sample : VX1023WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1023WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/24/2018 10:02:45 AM

Quant Time: Oct 24 01:39:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 65269    | 18.672  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 178625   | 18.436  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 46145    | 20.723  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 68593    | 20.050  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 119297   | 21.561  | ug/l   | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 47472    | 18.801  | ug/l   | 85       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 48969    | 20.605  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 31381    | 20.006  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 61499    | 21.196  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 61776    | 21.527  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 25378    | 383.422 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 429214   | 112.034 | ug/l   | 93       |
| 52) Toluene                    | 8.79  | 92   | 110379   | 20.824  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 66461    | 21.166  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 72736    | 21.379  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 47923    | 21.346  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 69630    | 21.275  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 79650    | 21.256  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 217110   | 118.284 | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.49  | 43   | 333900   | 108.348 | ug/l   | 92       |
| 60) Dibromochloromethane       | 9.59  | 129  | 48648    | 20.963  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 48997    | 20.795  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 50071    | 20.624  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 126138   | 19.664  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 47140    | 20.622  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 211182   | 20.251  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.36 | 106  | 165450   | 40.876  | ug/l   | 94       |
| 69) o-Xylene                   | 10.70 | 106  | 77893    | 19.954  | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 131250   | 20.442  | ug/l   | 95       |
| 71) Bromoform                  | 10.86 | 173  | 39921    | 19.542  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 218743   | 21.721  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 103164   | 21.240  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 77829    | 20.488  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 72354m   | 22.020  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 58164    | 20.200  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 251958   | 21.742  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 152324   | 21.463  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 185672   | 21.530  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 22039    | 20.380  | ug/l # | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 179590   | 21.347  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 182309   | 20.876  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 193152   | 21.765  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 223719   | 21.648  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 202152   | 21.642  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 108934   | 20.246  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 110540   | 20.083  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.39 | 91   | 176553   | 20.817  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 32702    | 20.314  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 108500   | 19.761  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 18124    | 19.559  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\  
Data File : VX005517.D  
Acq On : 23 Oct 2018 13:33  
Operator : JC/MD  
Sample : VX1023WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

Manual Integrations  
APPROVED

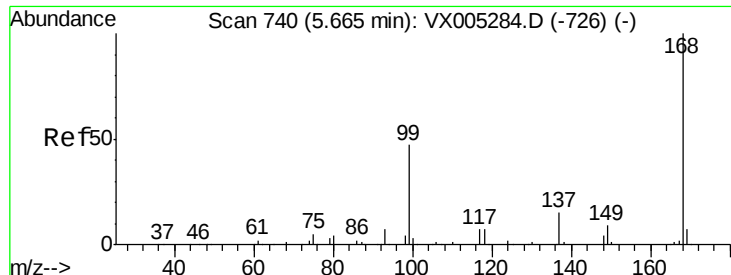
MMDadoda  
10/24/2018 10:02:45 AM

Quant Time: Oct 24 01:39:30 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 81488    | 20.229 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 42165    | 19.818 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 246101   | 21.066 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 84730    | 20.557 | ug/l  | 98       |

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





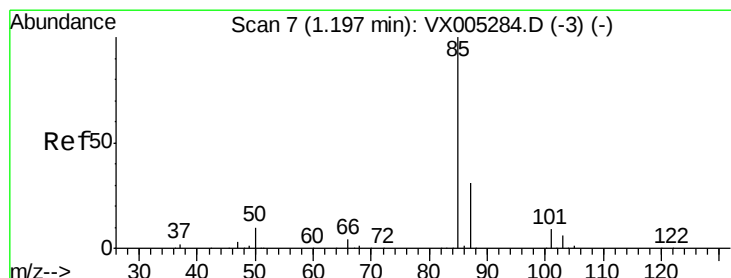
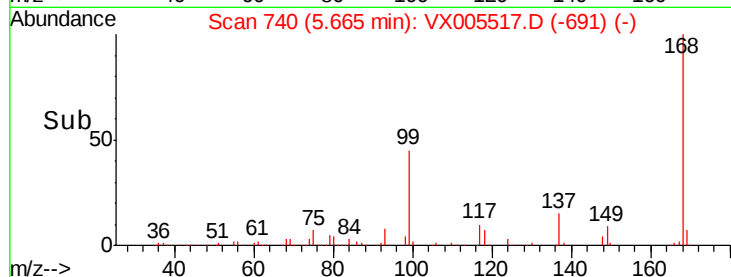
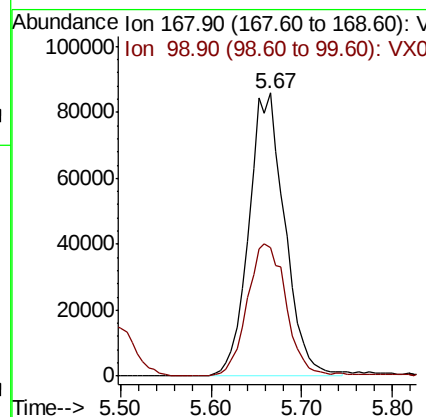
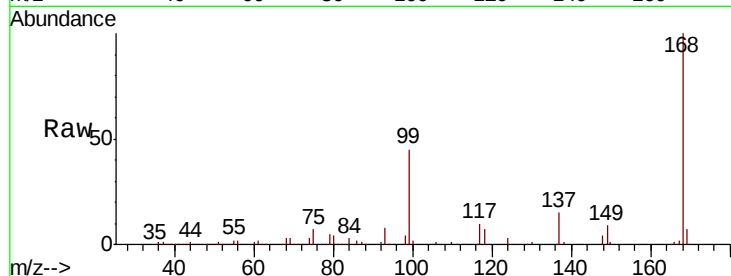
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 45.3  | 39.9  | 59.9  |

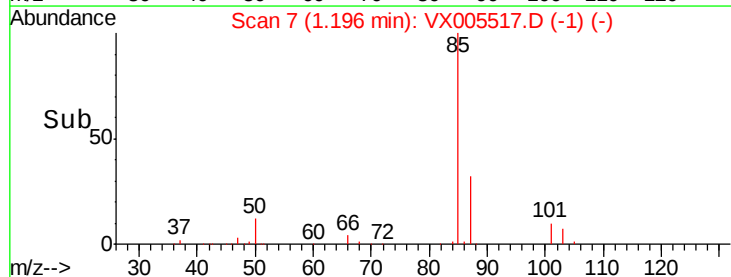
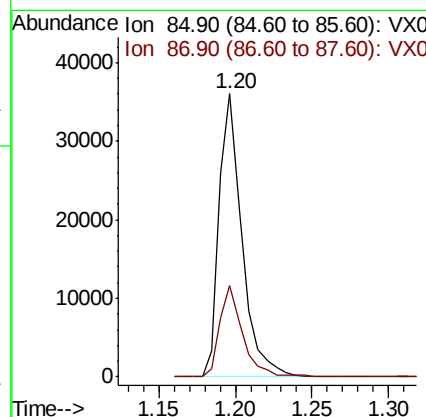
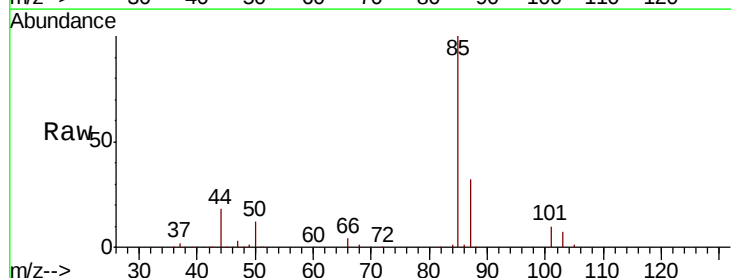
Manual Integrations  
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10/24/2018 10:02:45 AM



#2  
Dichlorodifluoromethane  
Concen: 20.258 ug/l  
RT: 1.20 min Scan# 7  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.4  | 17.0  | 50.9  |





#3

Chloromethane

Concen: 19.243 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 50 Resp: 51559

Ion Ratio Lower Upper

50 100

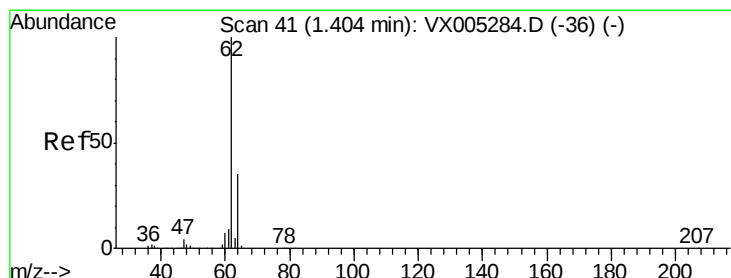
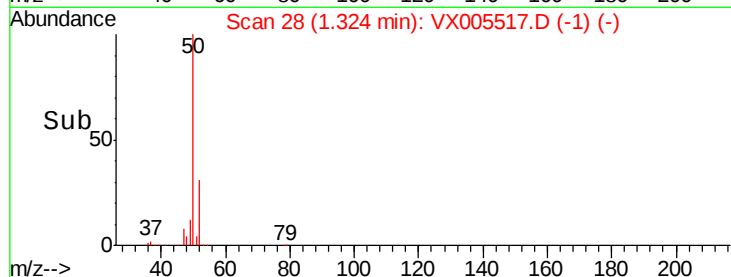
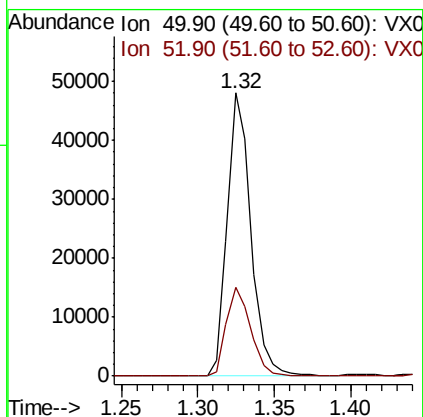
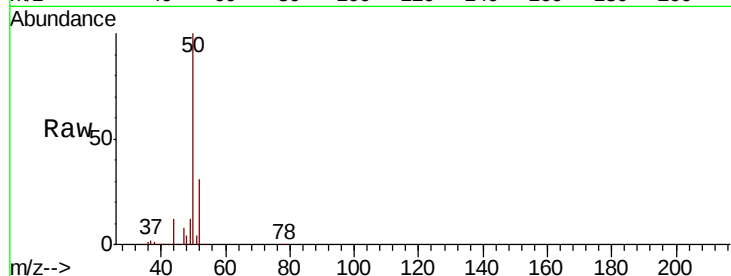
52 31.3 26.2 39.2

Manual Integrations

APPROVED

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10/24/2018 10:02:45 AM



#4

Vinyl Chloride

Concen: 18.541 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005517.D

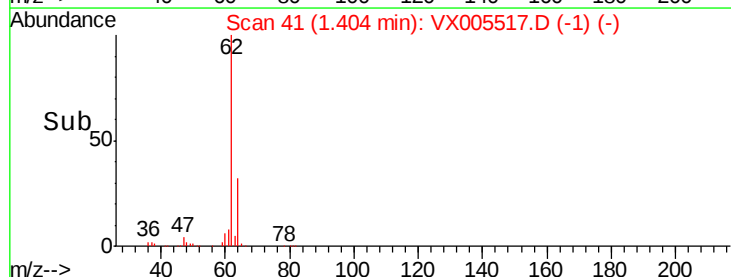
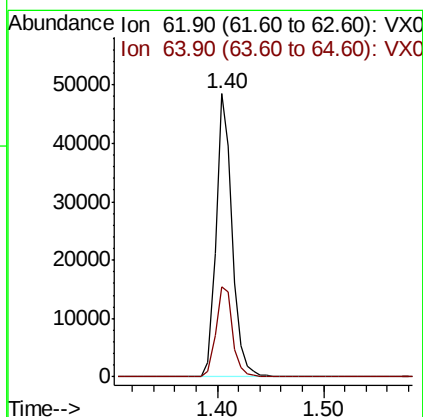
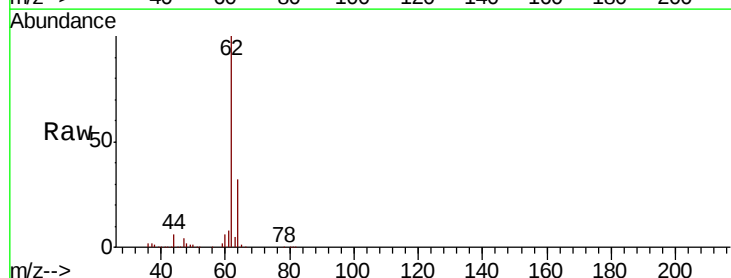
Acq: 23 Oct 2018 13:33

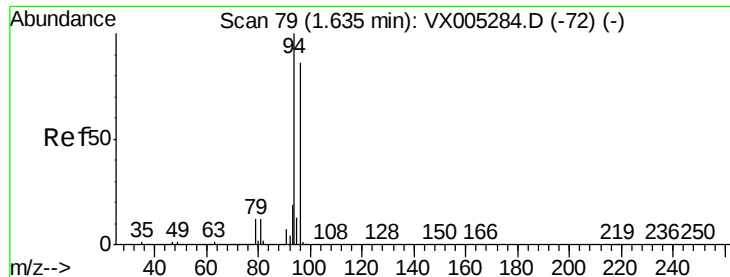
Tgt Ion: 62 Resp: 50325

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 20.195 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 94 Resp: 30418

Ion Ratio Lower Upper

94 100

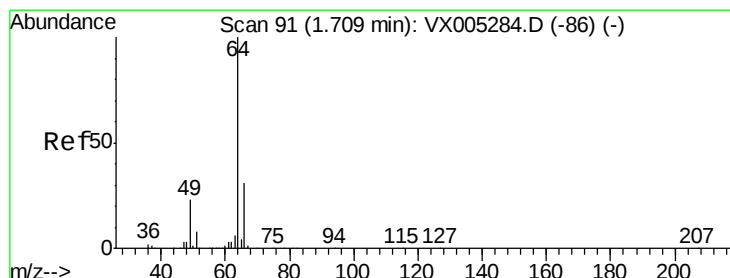
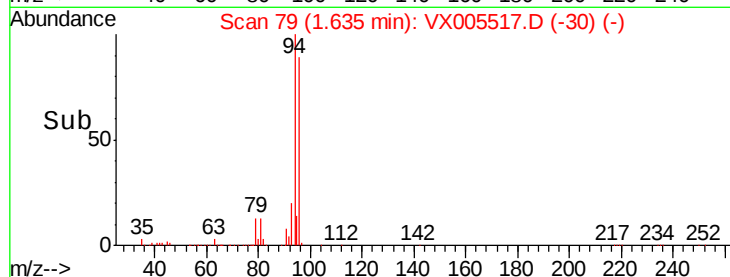
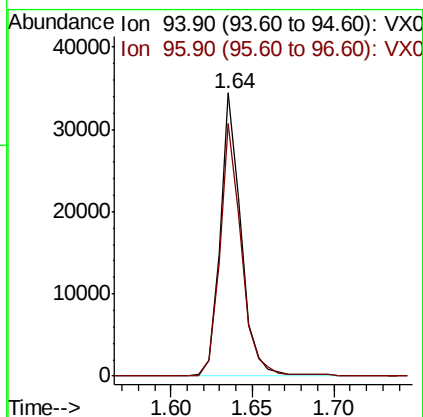
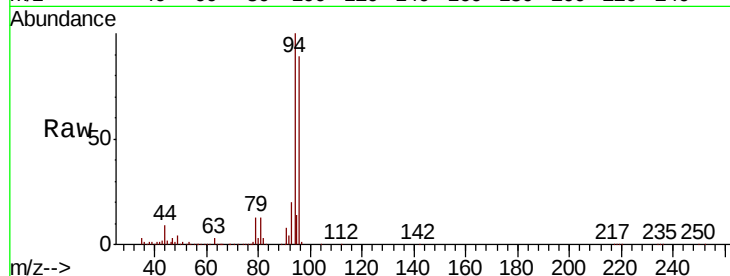
96 89.1 74.5 111.7

Manual Integrations

APPROVED

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10/24/2018 10:02:45 AM



#6

Chloroethane

Concen: 19.127 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005517.D

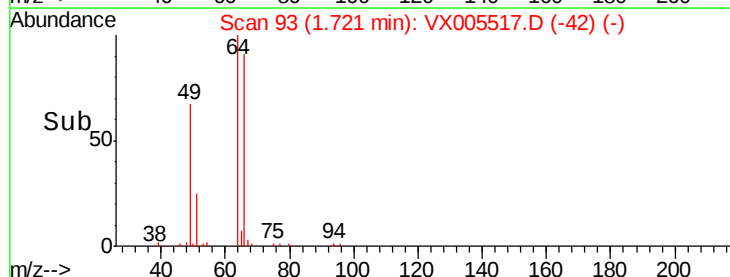
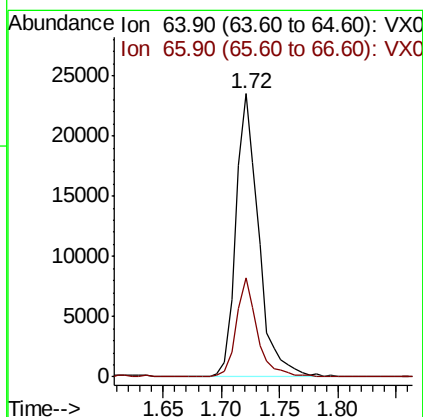
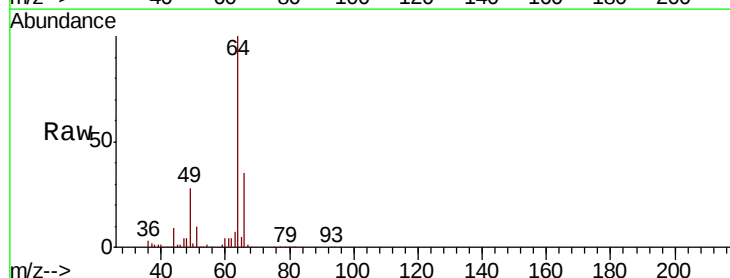
Acq: 23 Oct 2018 13:33

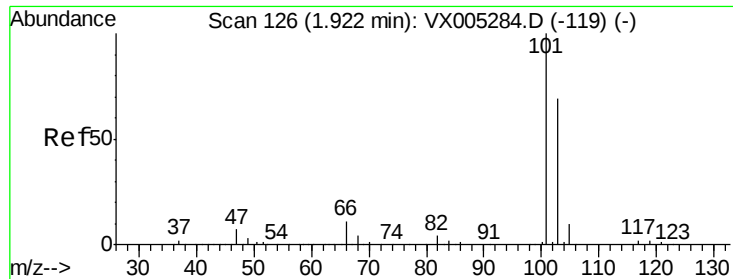
Tgt Ion: 64 Resp: 32236

Ion Ratio Lower Upper

64 100

66 35.0 24.6 36.8





#7

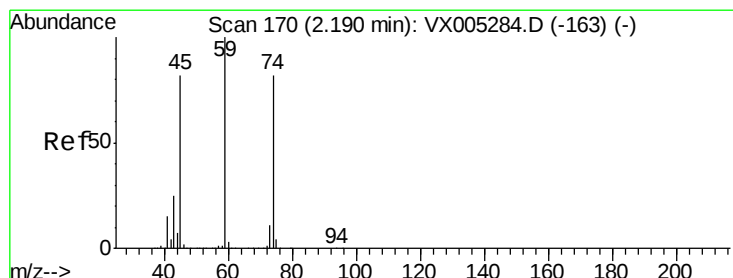
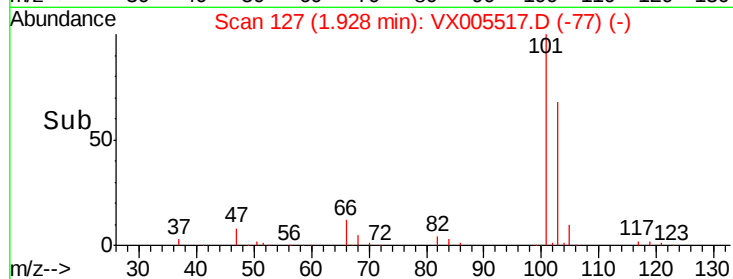
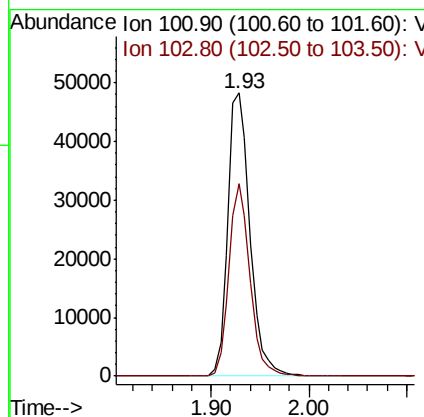
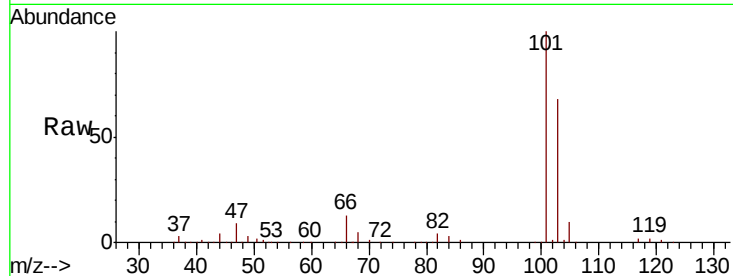
Trichlorofluoromethane  
 Concen: 20.862 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

Tot Ion:101 Resp: 75565  
 Ion Ratio Lower Upper  
 101 100  
 103 68.1 48.9 73.3

Manual Integrations  
 APPROVED

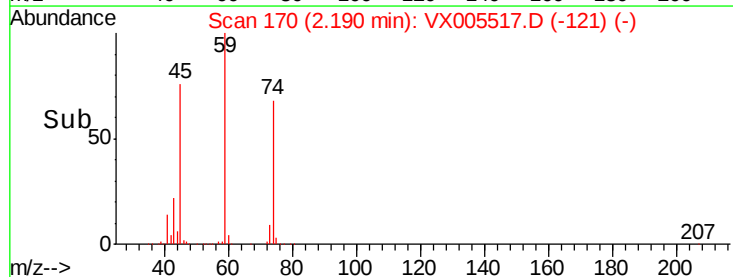
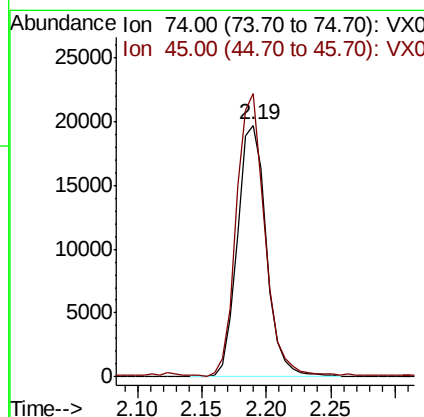
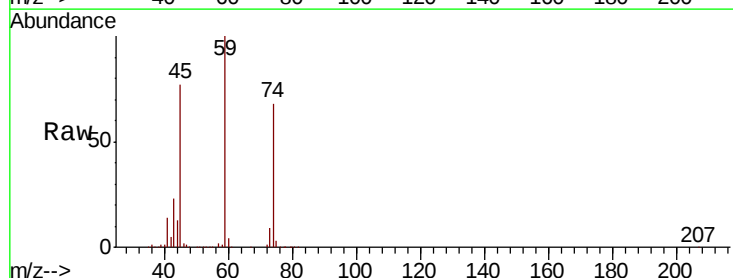
MMDadoda  
 10/24/2018 10:02:45 AM



#8

Diethyl Ether  
 Concen: 19.924 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Tgt Ion: 74 Resp: 30818  
 Ion Ratio Lower Upper  
 74 100  
 45 110.2 48.3 144.8





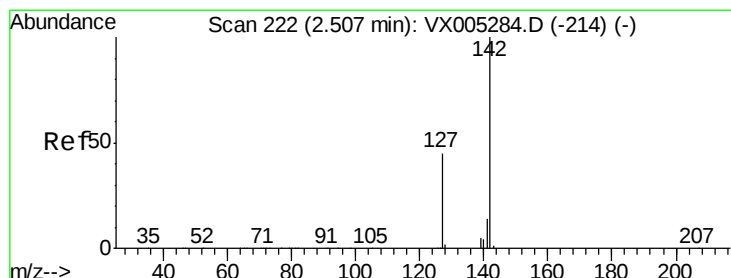
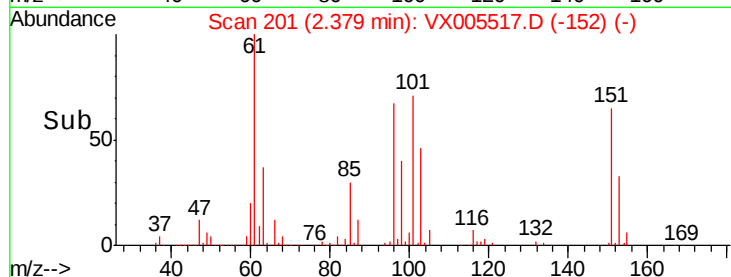
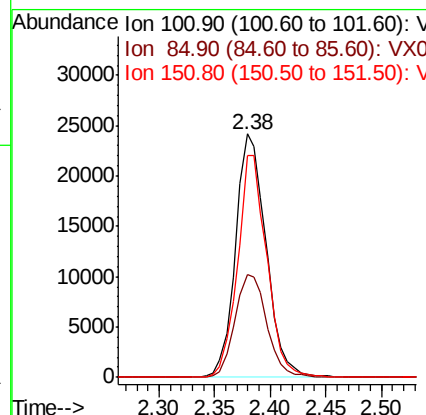
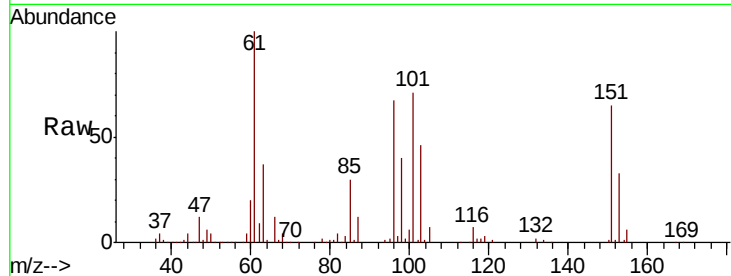
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.877 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.2  | 34.2  | 51.4  |
| 151     | 87.4  | 65.0  | 97.6  |

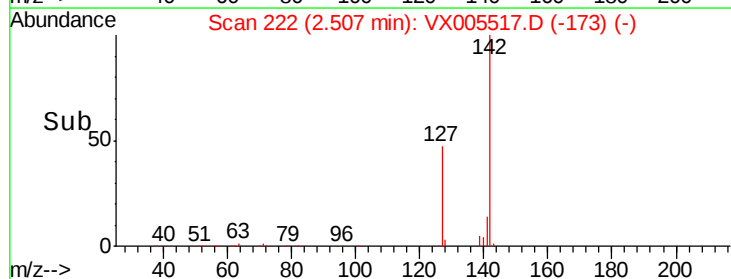
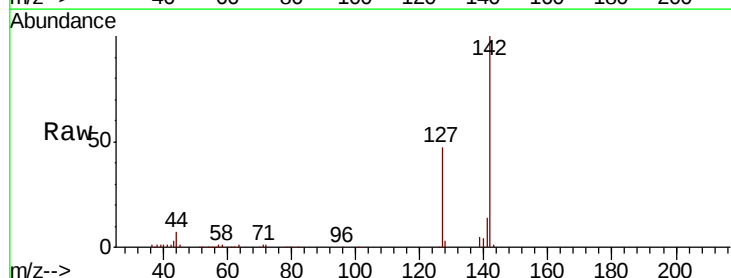
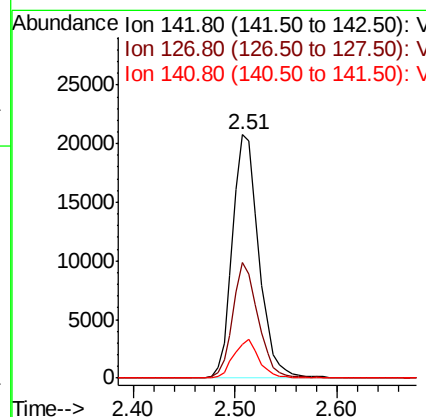
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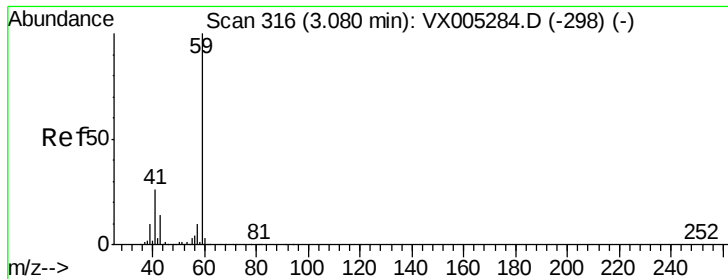
MMDadoda  
10/24/2018 10:02:45 AM



#10  
Methyl Iodide  
Concen: 17.913 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.7  | 33.8  | 50.6  |
| 141     | 15.3  | 11.4  | 17.0  |





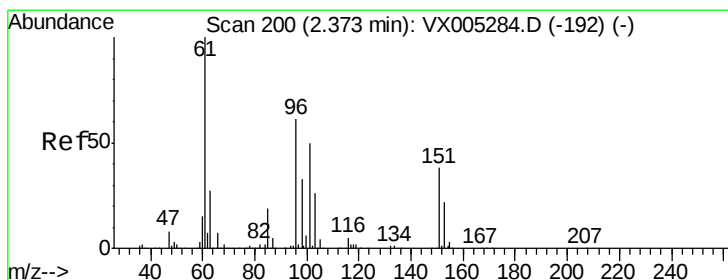
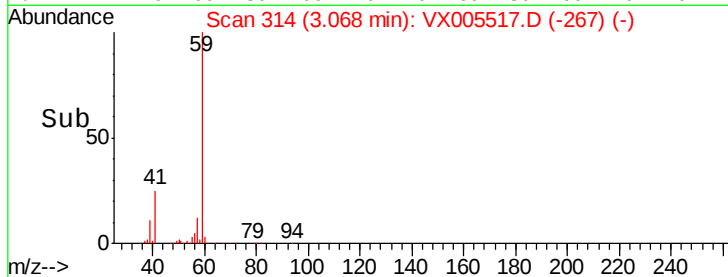
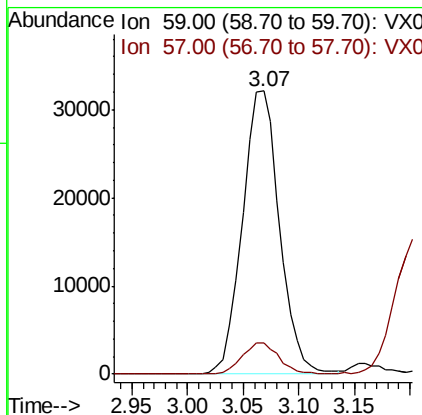
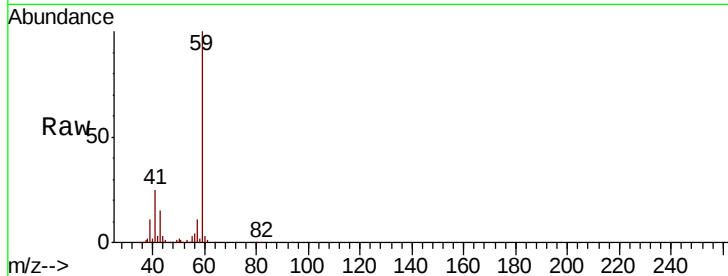
#11  
Tert butyl alcohol  
Concen: 100.606 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

Tot Ion: 59 Resp: 74490  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.4

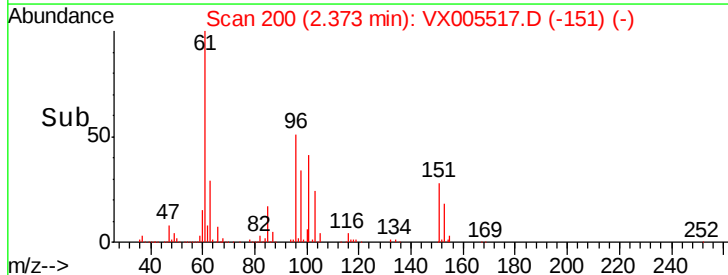
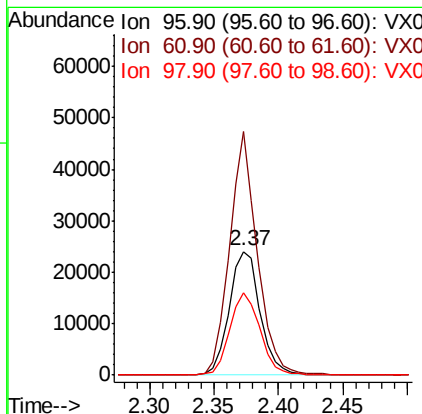
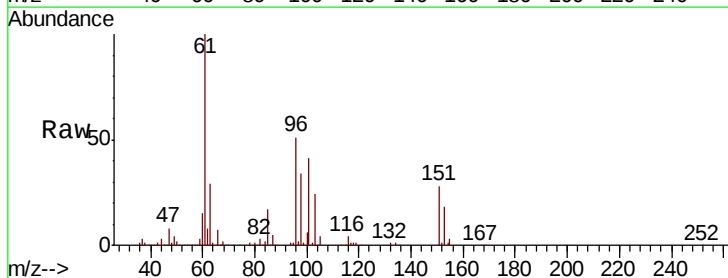
Manual Integrations  
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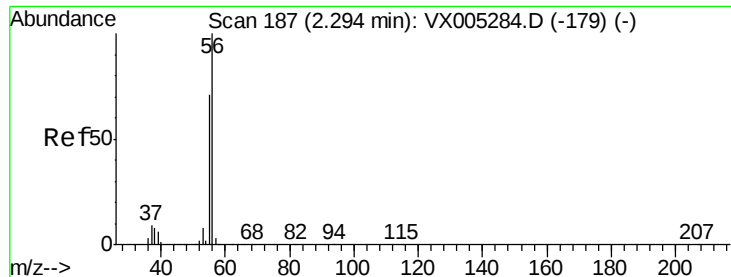
MMDadoda  
10/24/2018 10:02:45 AM



#12  
1,1-Dichloroethene  
Concen: 19.481 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Tgt Ion: 96 Resp: 40351  
Ion Ratio Lower Upper  
96 100  
61 196.9 128.8 193.2#  
98 66.0 52.2 78.2





#13

Acrolein

Concen: 66.059 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 56 Resp: 31963

Ion Ratio Lower Upper

56 100

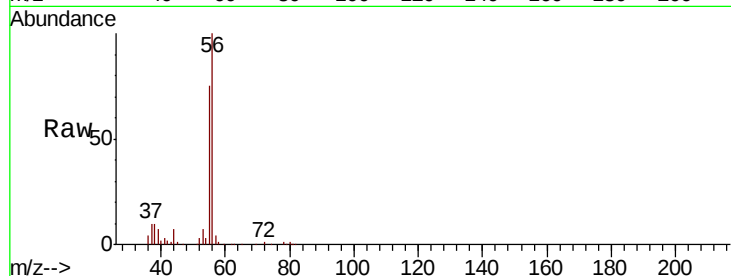
55 72.8 54.7 82.1

Manual Integrations

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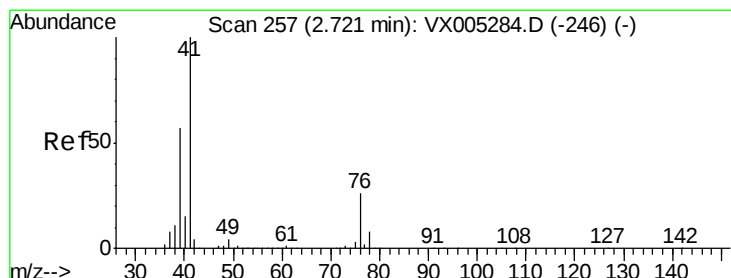
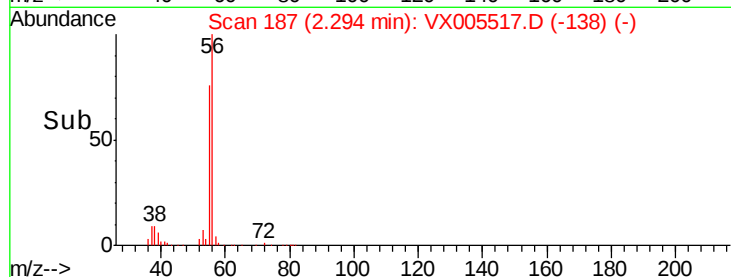
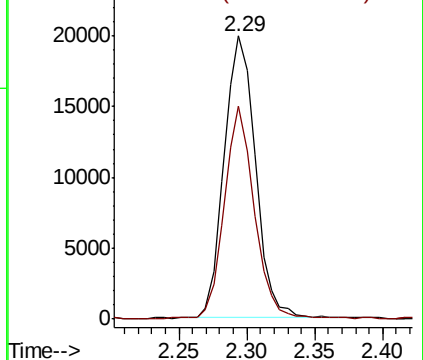
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.475 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

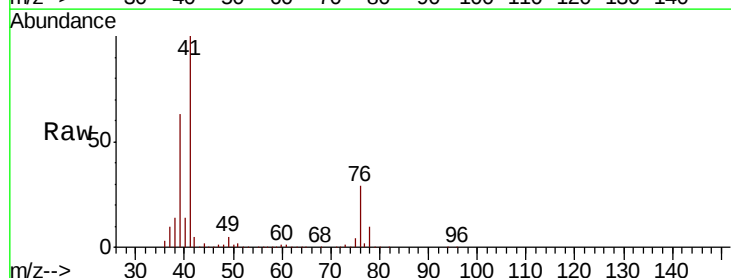
Tgt Ion: 41 Resp: 93114

Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

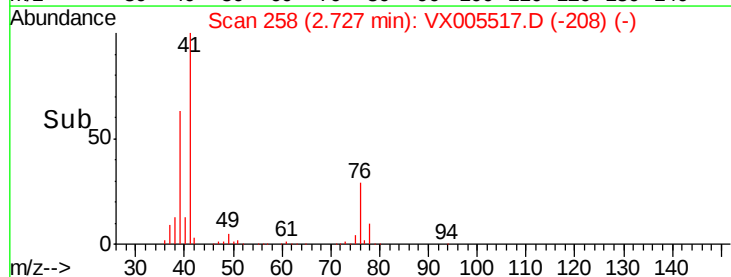
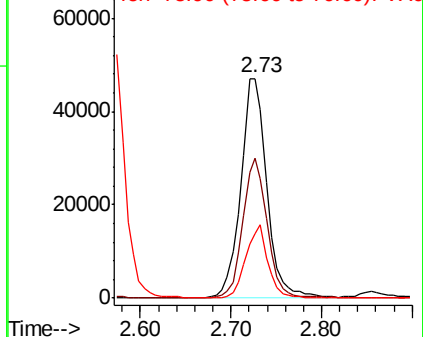
76 28.6 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.874 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

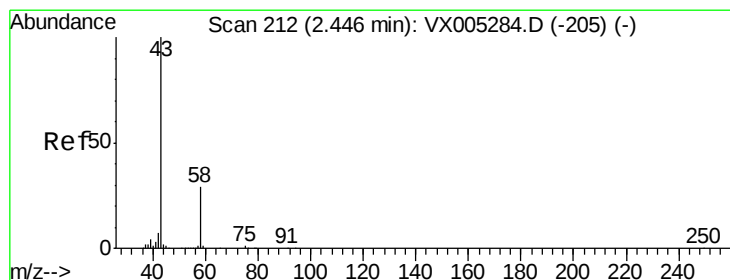
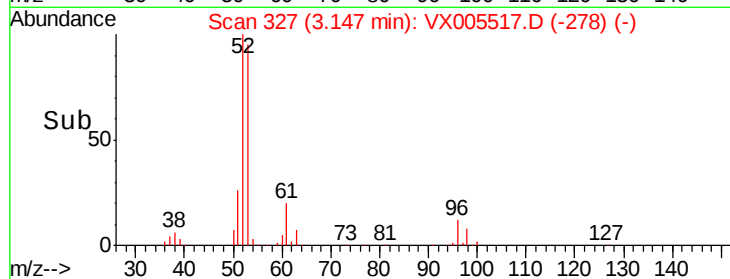
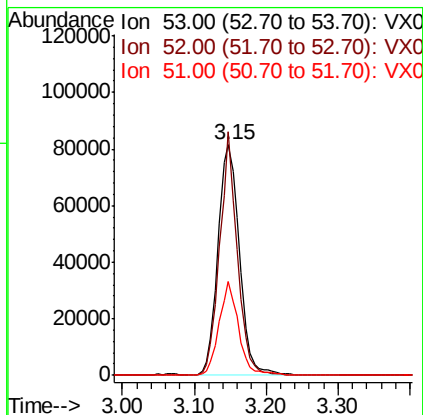
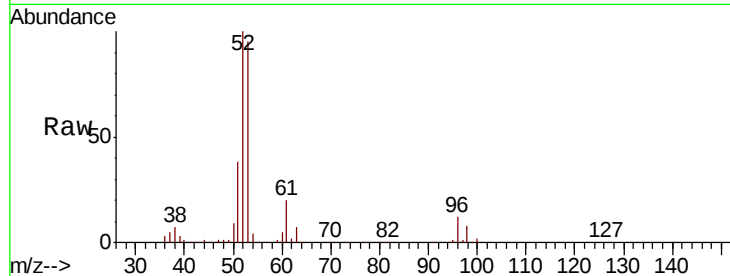
ClientSampleId :

VX1023WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 169250 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 85.9 | 65.2  | 97.8   |
| 51        | 36.9 | 28.2  | 42.2   |

Manual Integrations  
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#16

Acetone

Concen: 97.198 ug/l

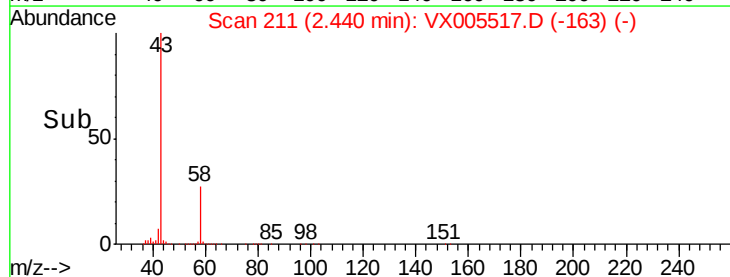
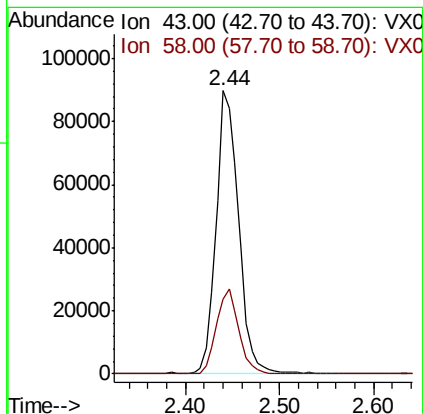
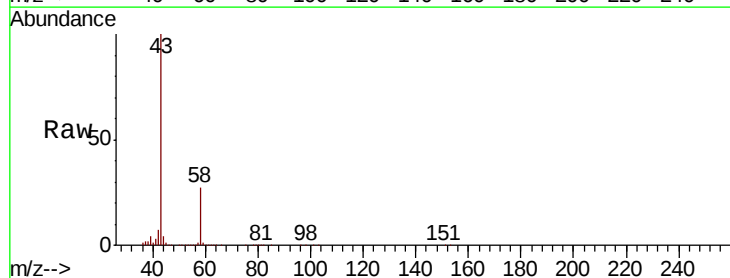
RT: 2.44 min Scan# 211

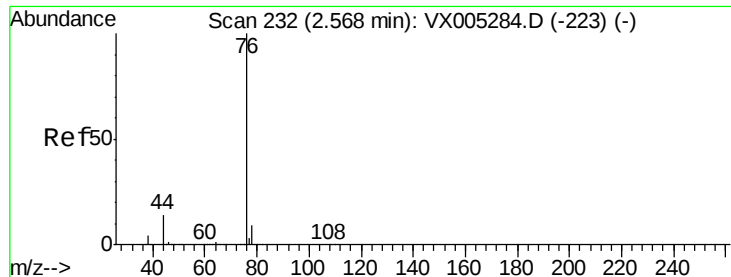
Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 147509 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 26.5 | 26.2  | 39.4   |





#17

Carbon Disulfide

Concen: 17.050 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 76 Resp: 106988

Ion Ratio Lower Upper

76 100

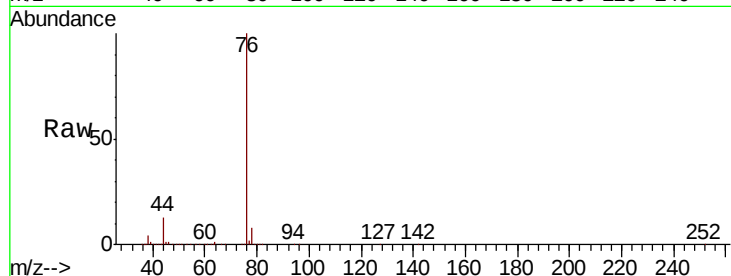
78 7.7 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

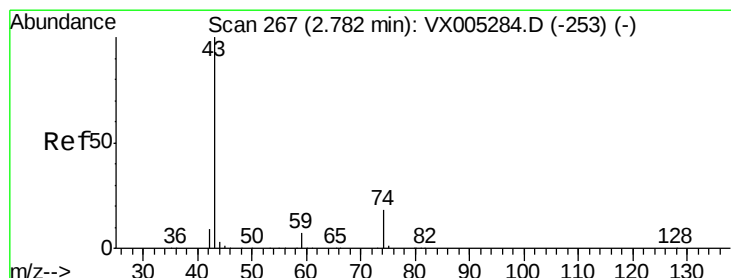
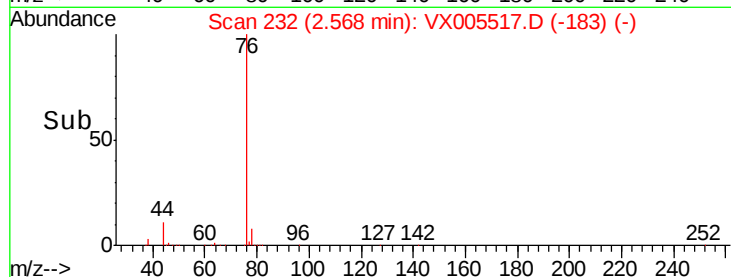
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 23.113 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005517.D

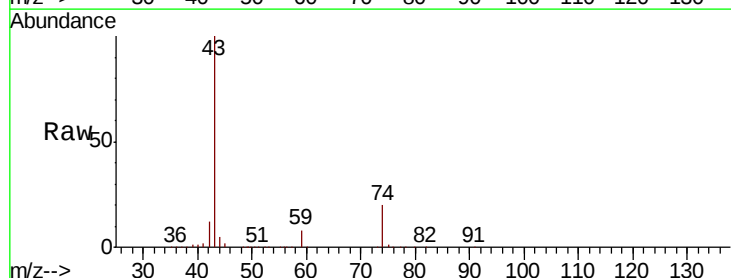
Acq: 23 Oct 2018 13:33

Tgt Ion: 43 Resp: 99793

Ion Ratio Lower Upper

43 100

74 20.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

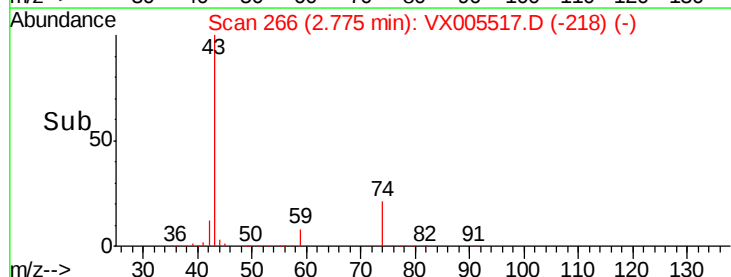
30000

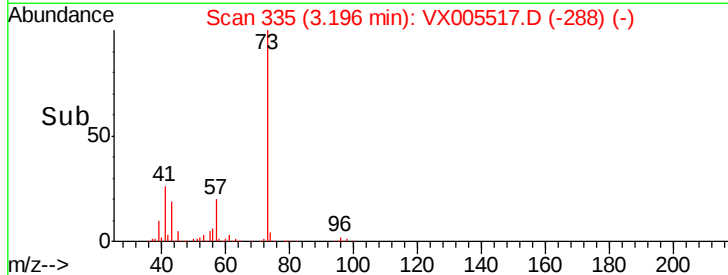
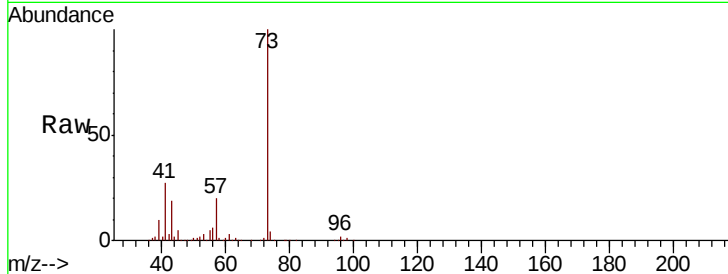
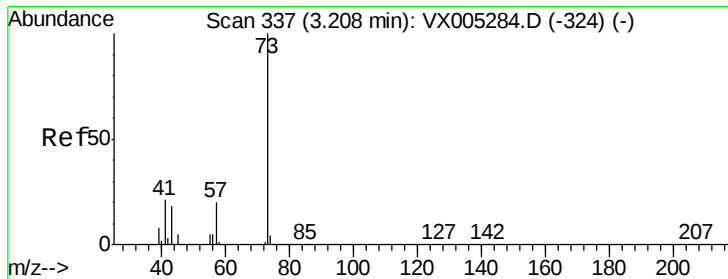
20000

10000

0

Time-->





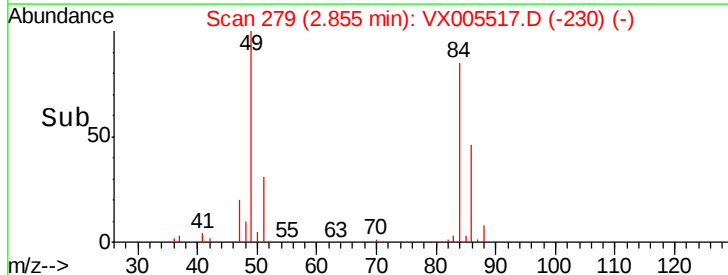
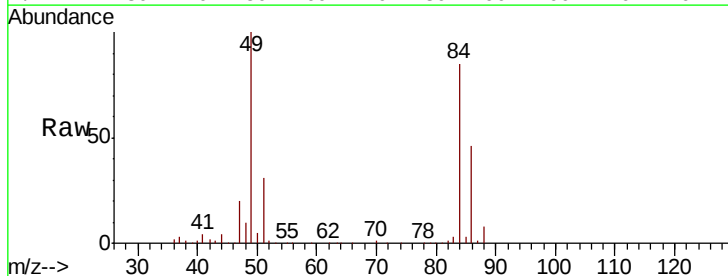
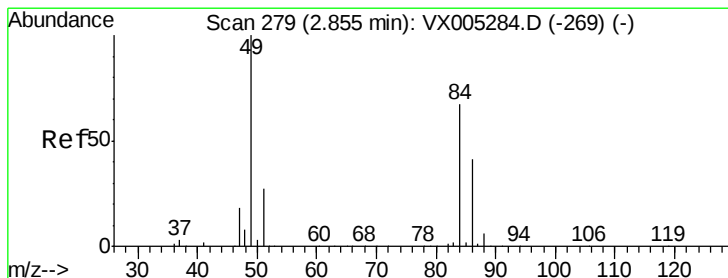
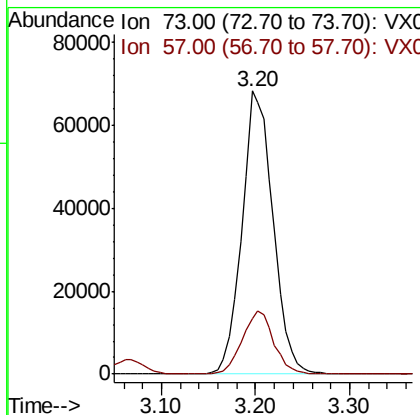
#19  
Methyl tert-butyl Ether  
Concen: 21.584 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 19.7  | 17.1  | 25.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

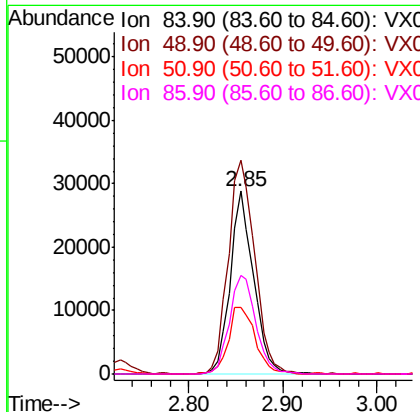
Manual Integrations  
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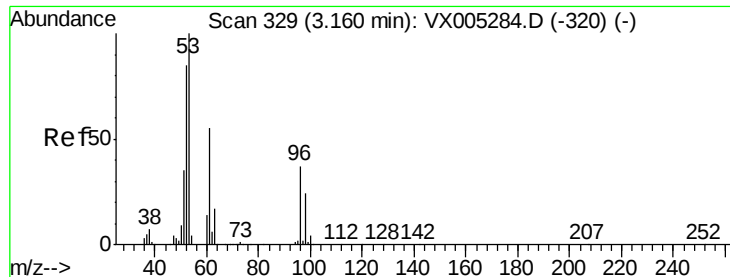
MMDadoda  
10/24/2018 10:02:45 AM



#20  
Methylene Chloride  
Concen: 21.729 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 116.8 | 101.2 | 151.8 |
| 51      | 36.5  | 29.5  | 44.3  |
| 86      | 54.3  | 52.3  | 78.5  |





#21

trans-1,2-Dichloroethene

Concen: 19.152 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

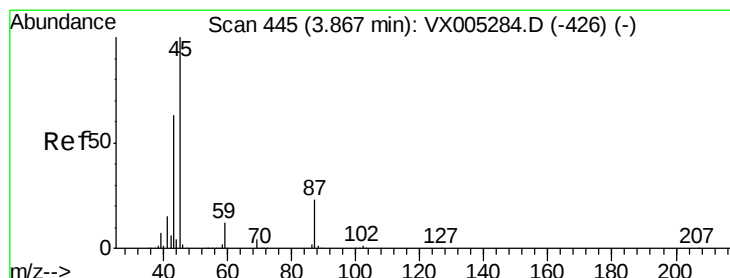
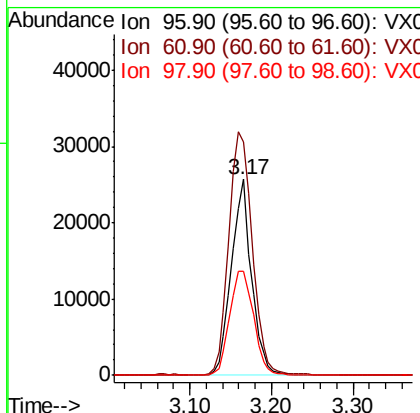
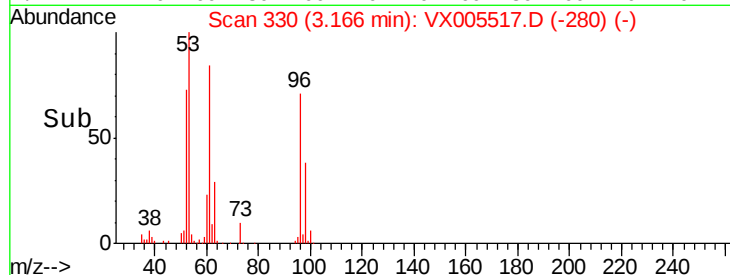
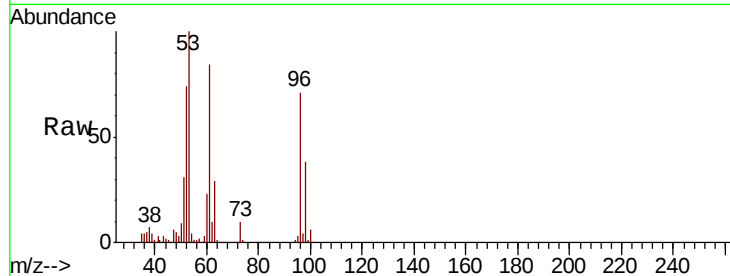
ClientSampleId :

VX1023WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 43964 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 119.3 | 113.8 | 170.6 |
| 98       | 53.4  | 51.8  | 77.8  |

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10/24/2018 10:02:45 AM



#22

Diisopropyl ether

Concen: 22.485 ug/l

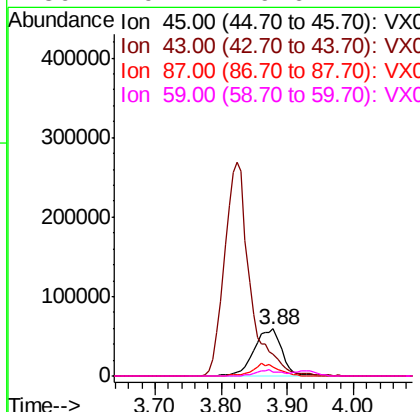
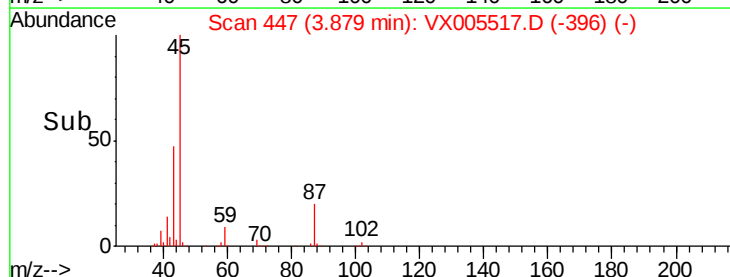
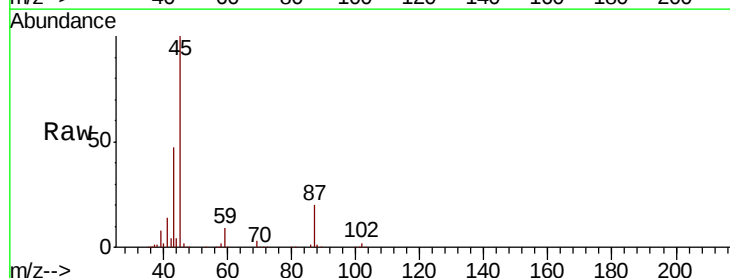
RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 171753 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 46.9  | 42.8  | 64.2   |
| 87       | 20.3  | 22.6  | 34.0#  |
| 59       | 9.4   | 9.6   | 14.4#  |





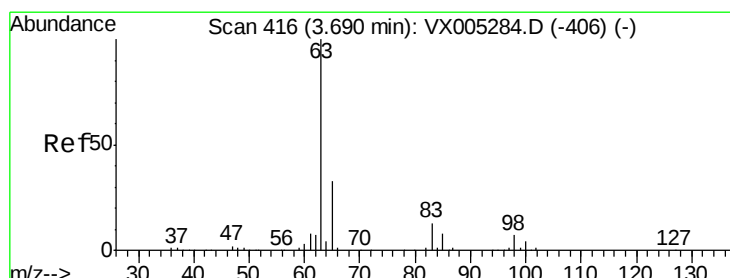
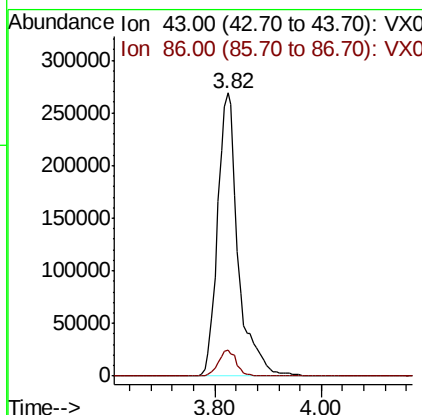
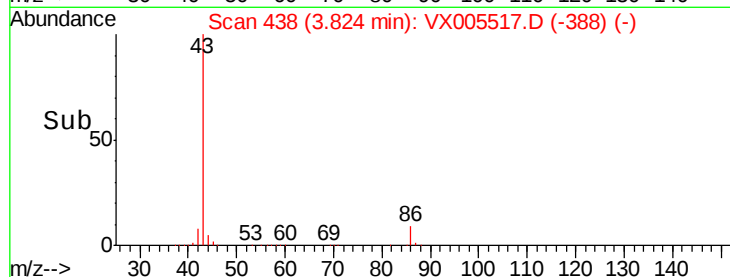
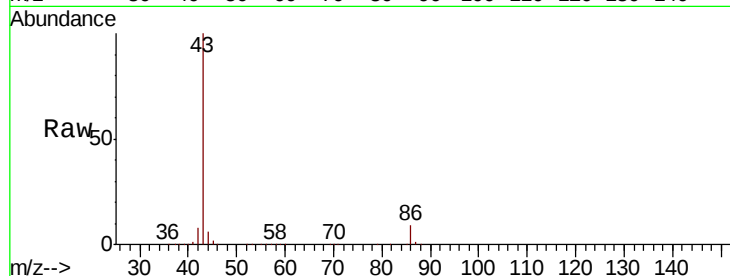
#23  
 Vinyl Acetate  
 Concen: 108.247 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. 0.01 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 9.3   | 8.9   | 13.3  |

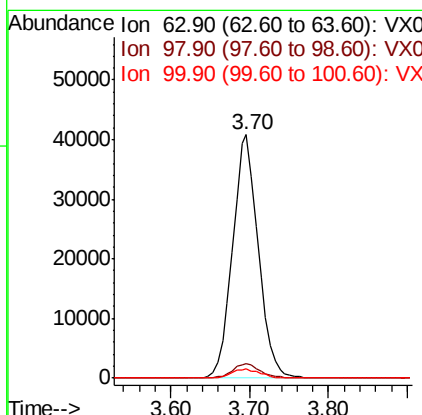
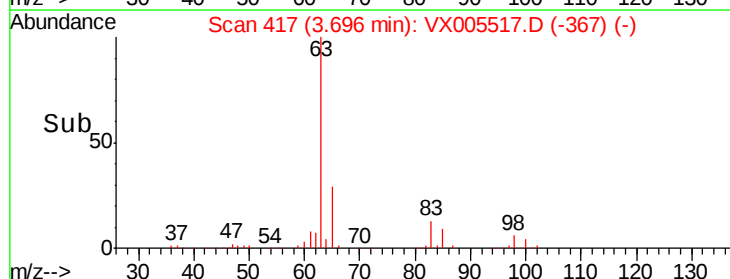
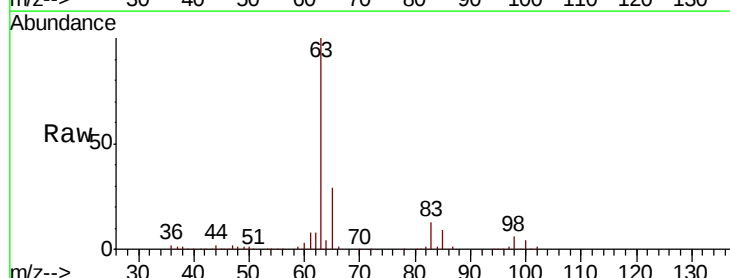
Manual Integrations  
 APPROVED

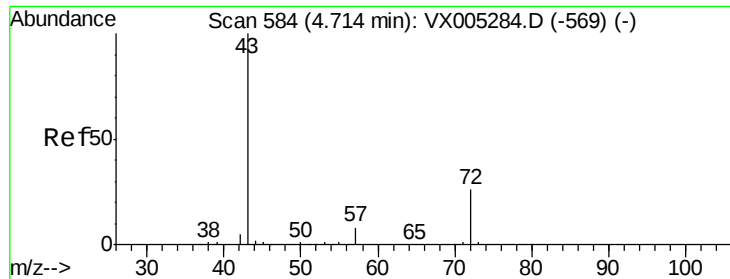
MMDadoda  
 10/24/2018 10:02:45 AM



#24  
 1,1-Dichloroethane  
 Concen: 21.059 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.01 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 5.9   | 3.5   | 10.4  |
| 100     | 3.8   | 2.4   | 7.1   |





#25

2-Butanone

Concen: 107.077 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 43 Resp: 237760

Ion Ratio Lower Upper

43 100

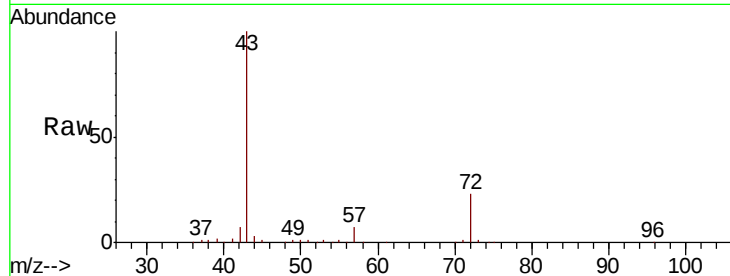
72 23.0 22.0 33.0

Manual Integrations

APPROVED

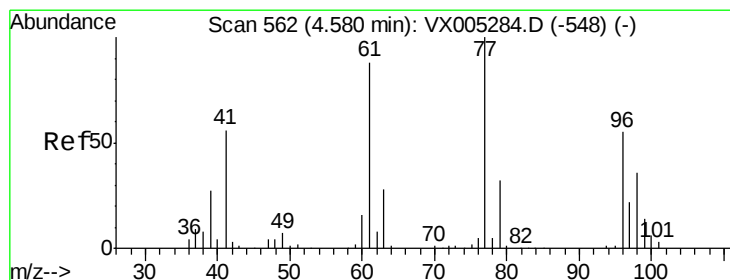
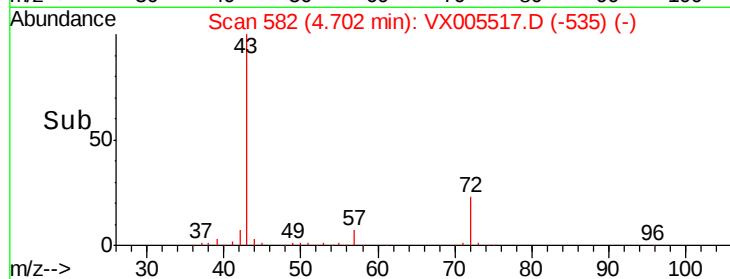
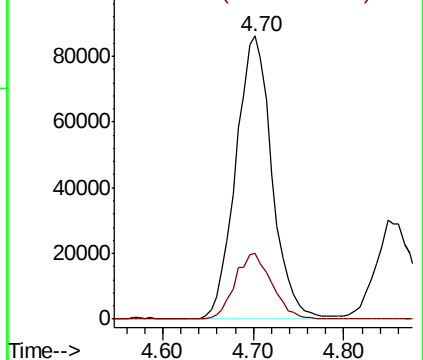
MMDadoda

10/24/2018 10:02:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.666 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005517.D

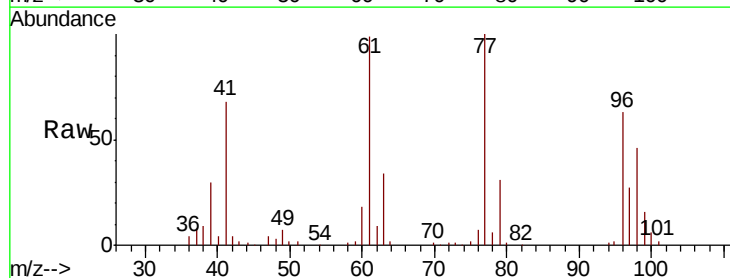
Acq: 23 Oct 2018 13:33

Tgt Ion: 77 Resp: 70933

Ion Ratio Lower Upper

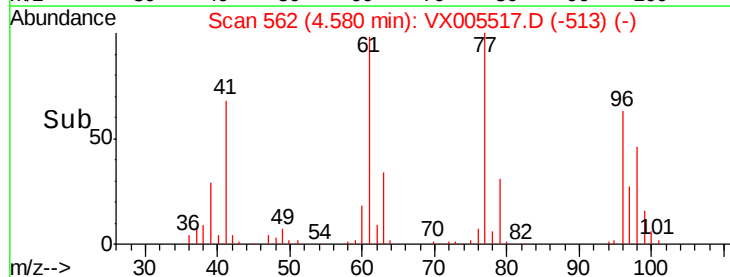
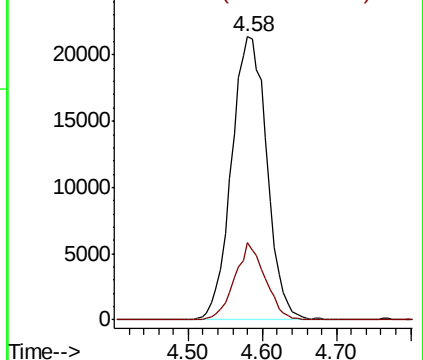
77 100

97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

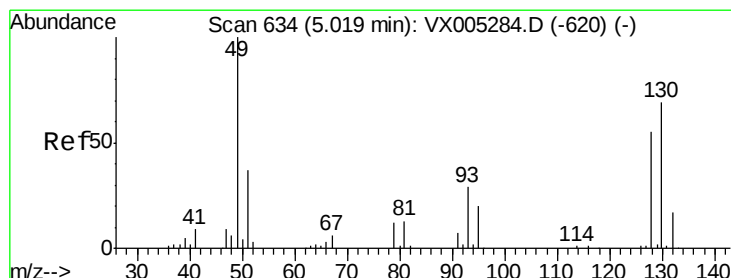
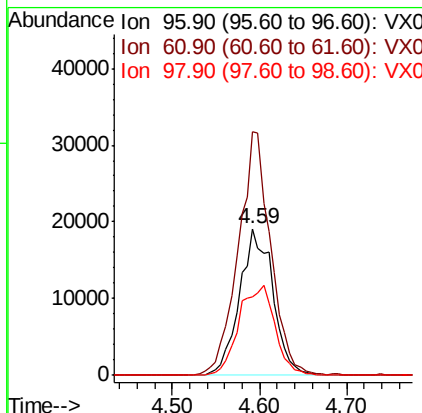
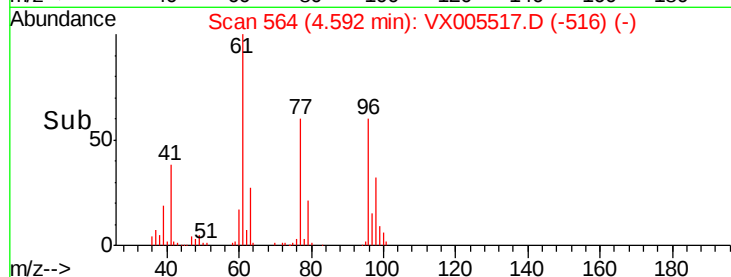
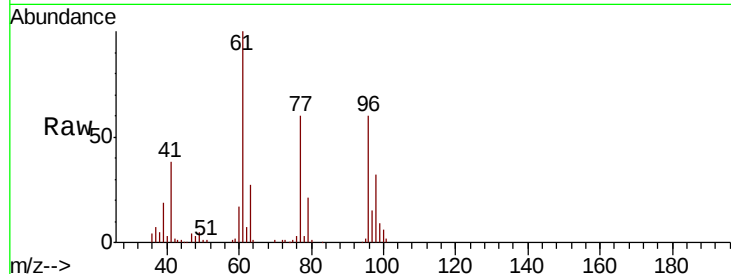
cis-1,2-Dichloroethene  
Concen: 20.309 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.8 | 0.0   | 282.6 |
| 98      | 66.5  | 0.0   | 130.2 |

Manual Integrations  
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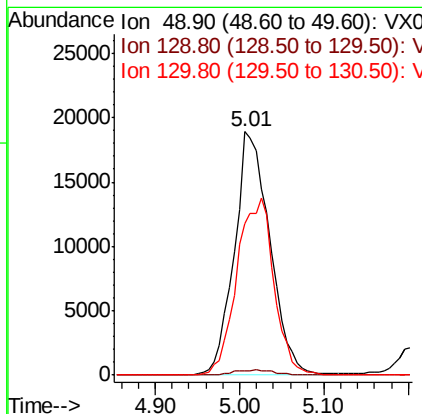
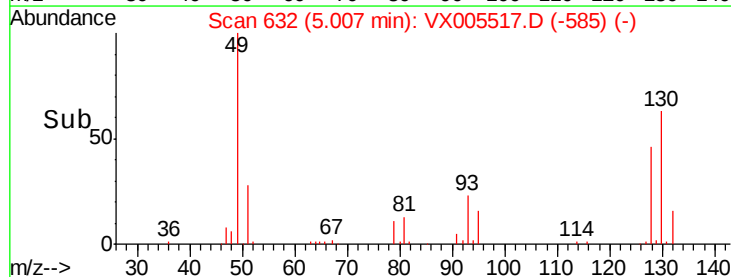
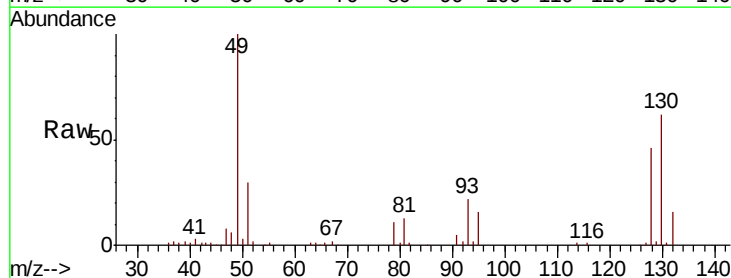
MMDadoda  
10/24/2018 10:02:45 AM

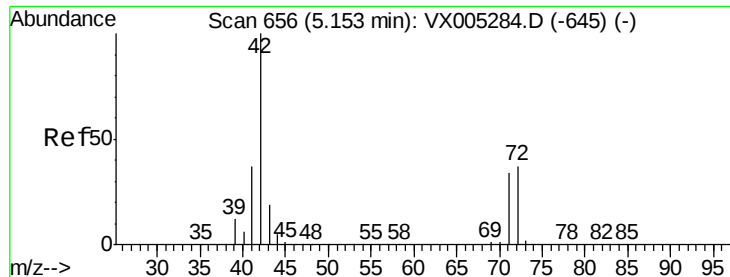


#28

Bromochloromethane  
Concen: 27.039 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.1   | 0.0   | 4.2   |
| 130     | 75.5  | 67.5  | 101.3 |





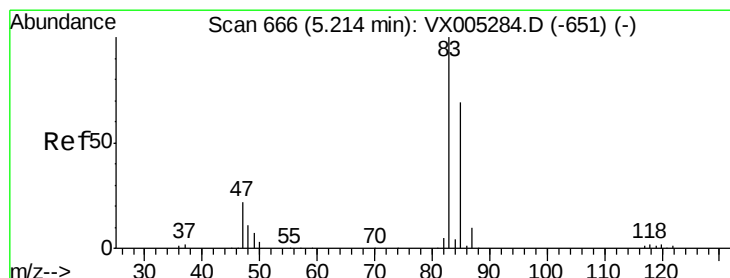
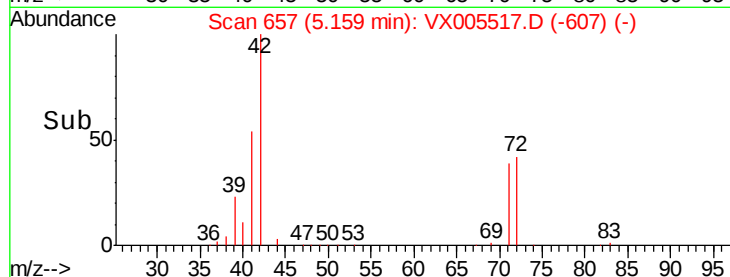
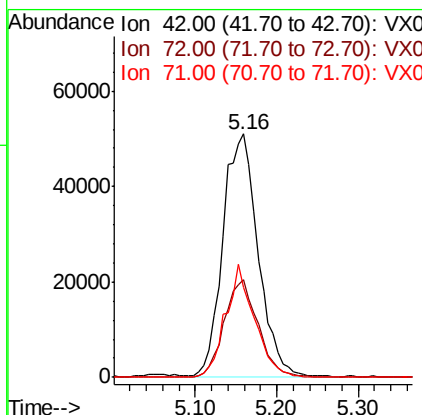
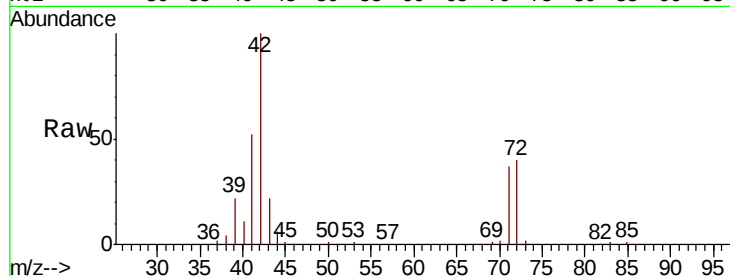
#29  
Tetrahydrofuran  
Concen: 106.749 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.3  | 37.4  | 56.0  |
| 71      | 38.7  | 34.5  | 51.7  |

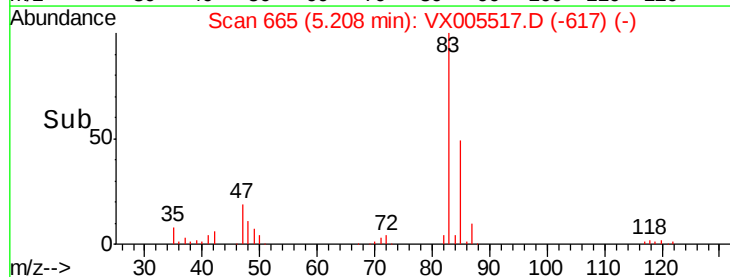
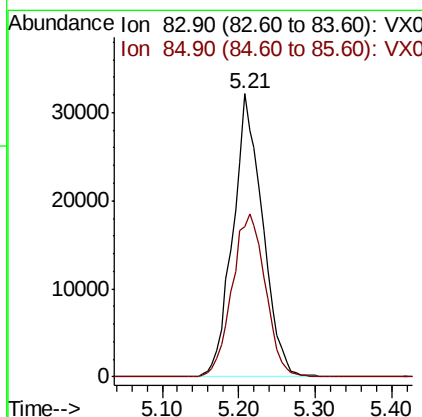
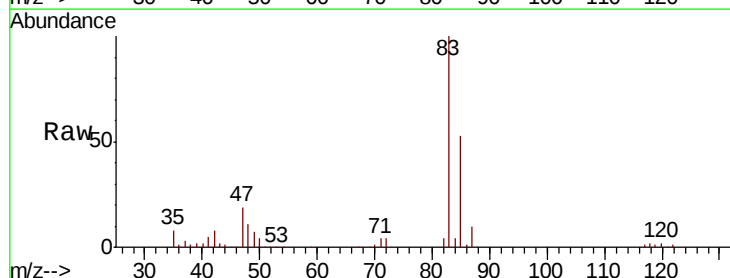
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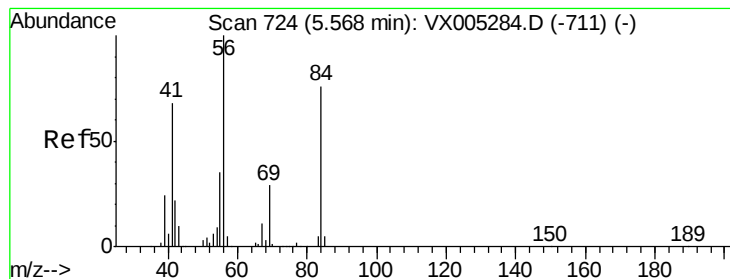
MMDadoda  
10/24/2018 10:02:45 AM



#30  
Chloroform  
Concen: 21.205 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 53.0  | 52.6  | 79.0  |





#31

Cyclohexane

Concen: 19.733 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

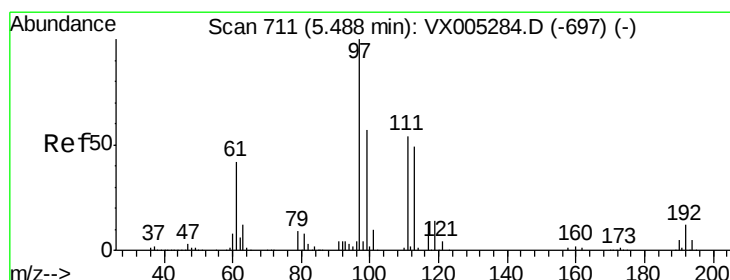
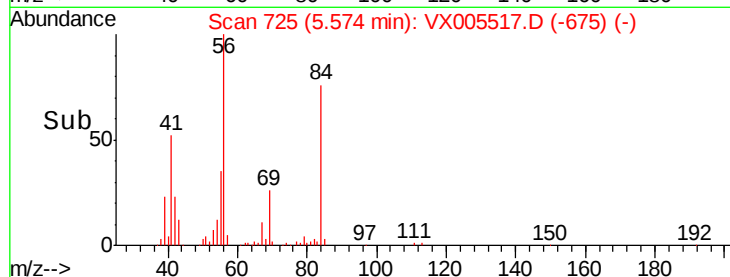
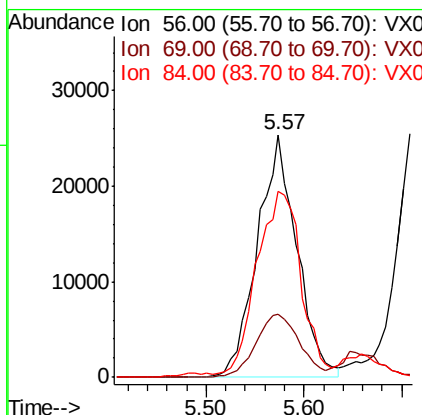
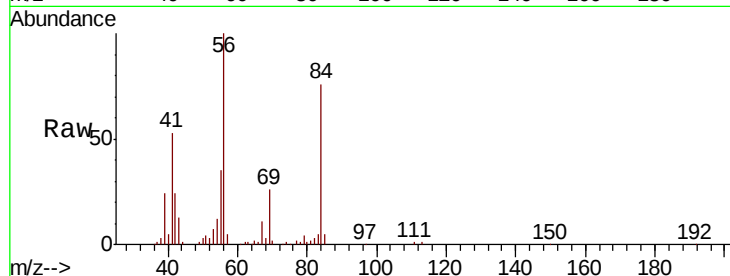
ClientSampleId :

VX1023WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 71199 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 26.0  | 25.4  | 38.2  |
| 84       | 74.9  | 71.4  | 107.2 |

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#32

1,1,1-Trichloroethane

Concen: 20.865 ug/l

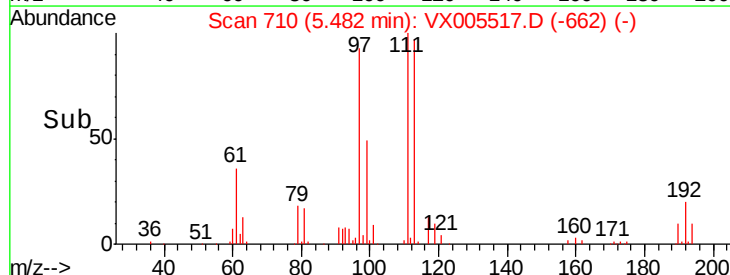
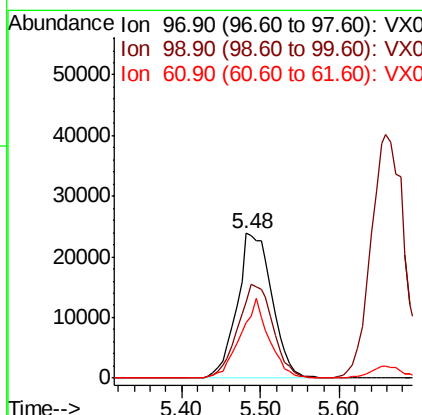
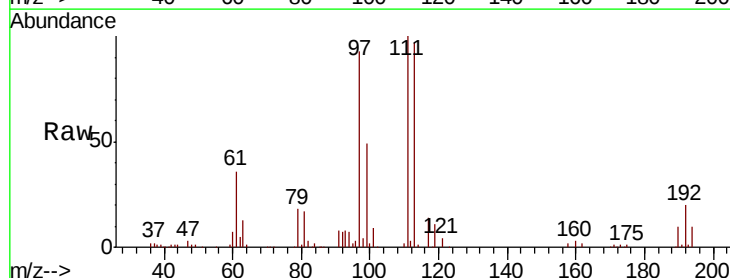
RT: 5.48 min Scan# 710

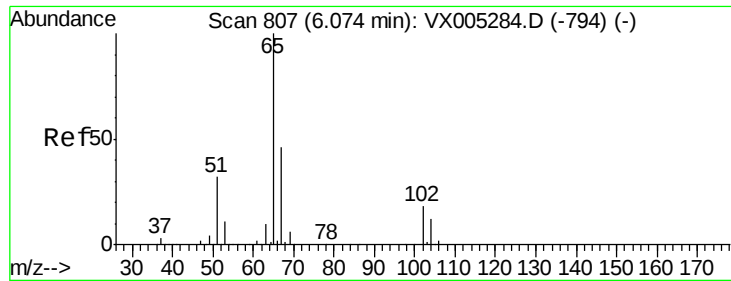
Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 73770 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.8  | 52.0  | 78.0  |
| 61       | 45.1  | 34.9  | 52.3  |





#33

1,2-Dichloroethane-d4

Concen: 54.864 ug/l

RT: 6.07 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 65 Resp: 144006

Ion Ratio Lower Upper

65 100

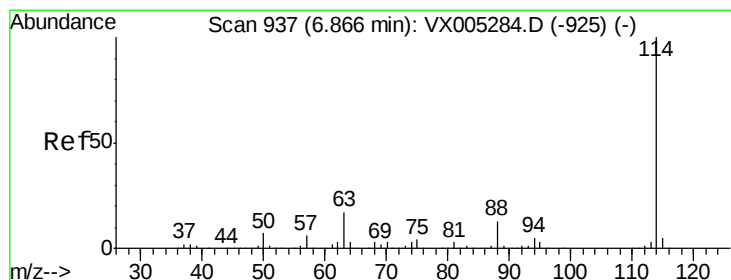
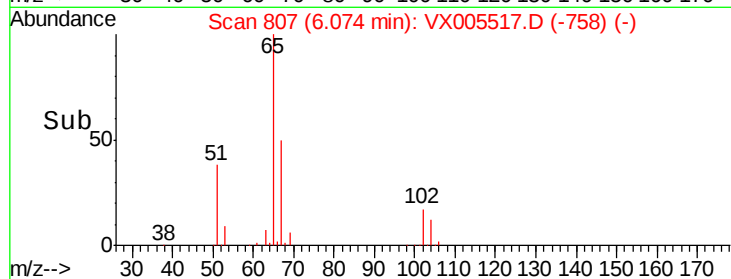
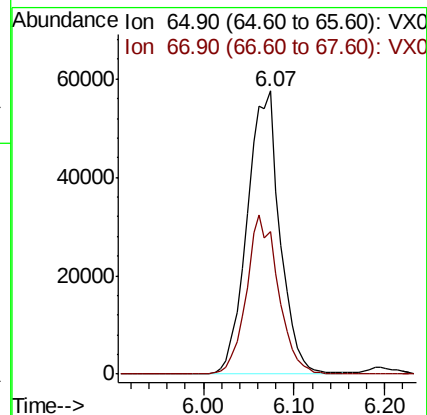
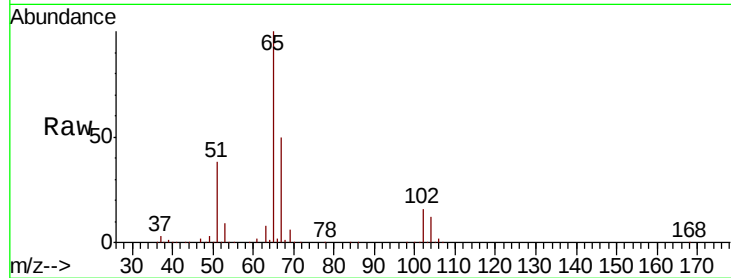
67 54.6 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

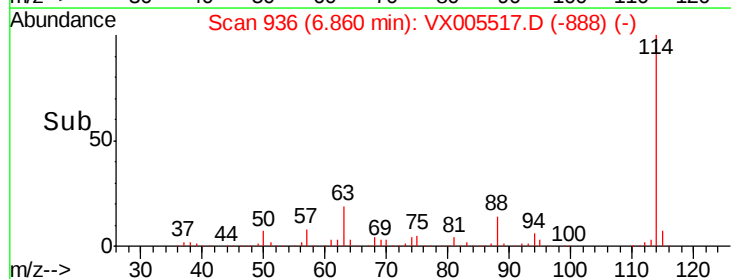
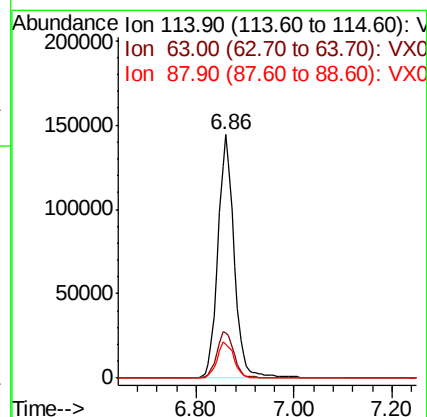
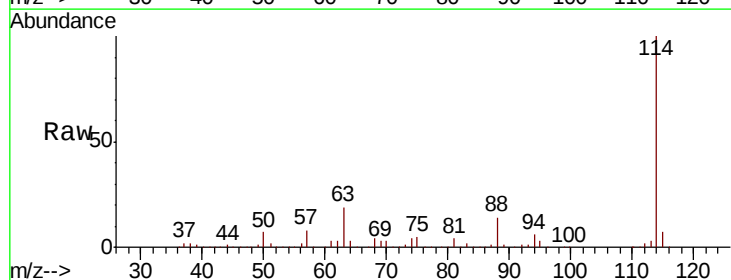
Tgt Ion: 114 Resp: 333484

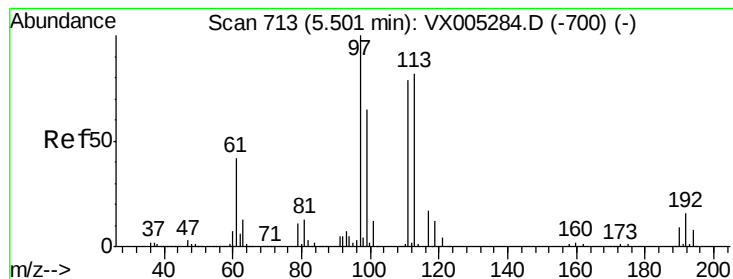
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

88 14.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.847 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

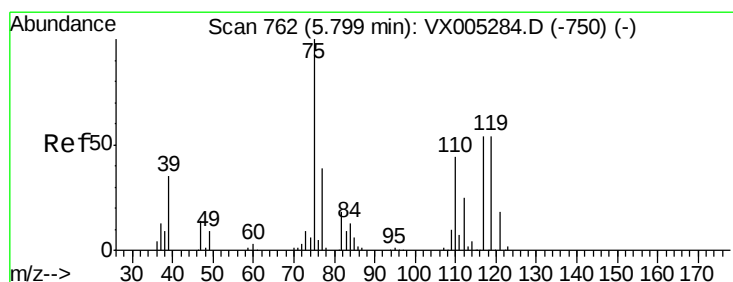
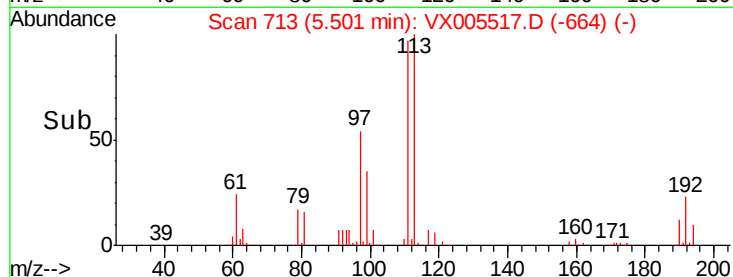
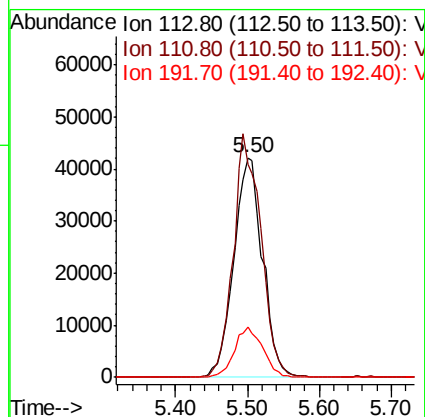
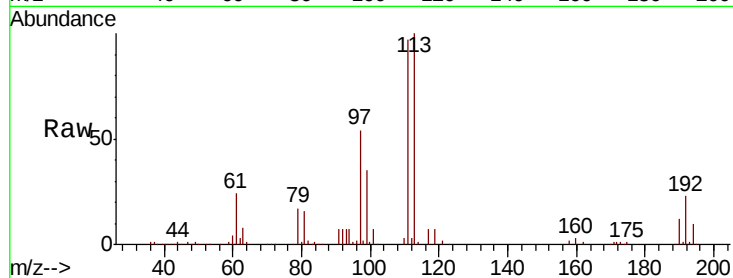
ClientSampleId :

VX1023WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 116725 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 107.0 | 82.4  | 123.6  |
| 192       | 22.8  | 19.4  | 29.2   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 19.119 ug/l

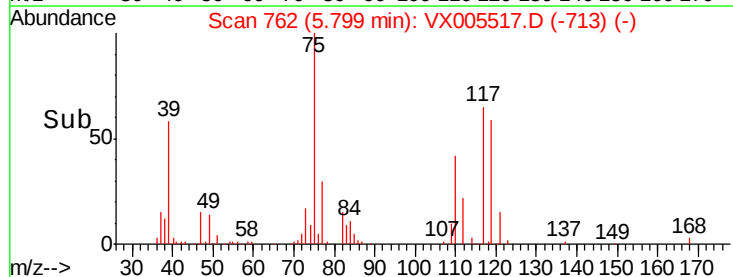
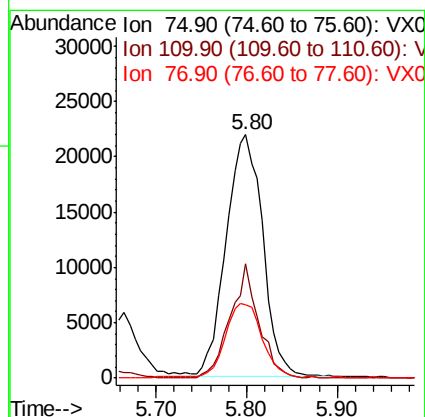
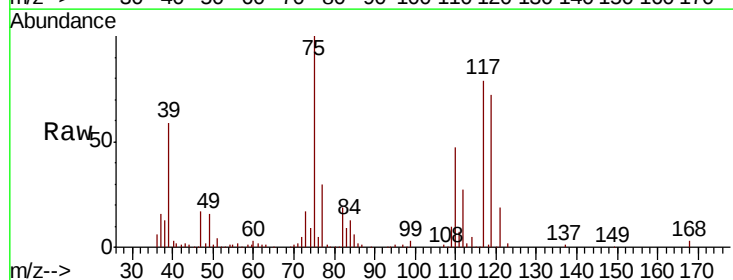
RT: 5.80 min Scan# 762

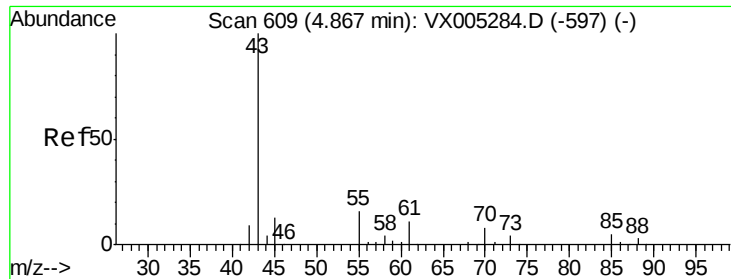
Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 61750 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 36.4  | 18.0  | 54.0  |
| 77        | 30.1  | 24.6  | 36.8  |





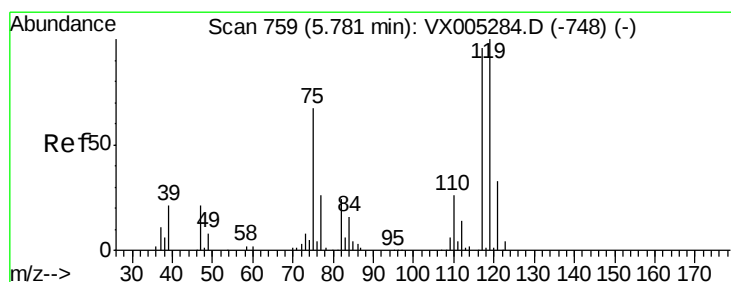
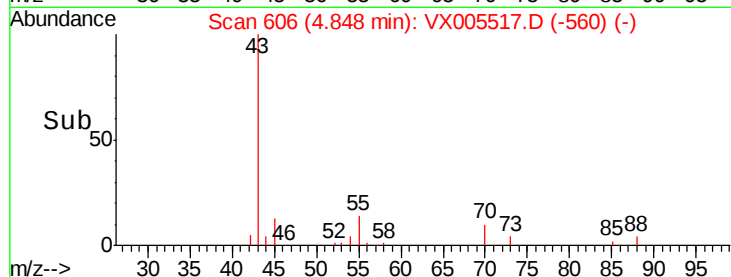
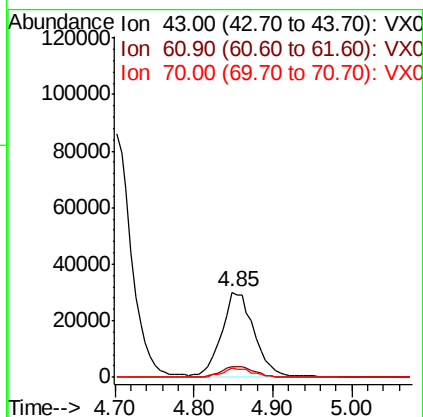
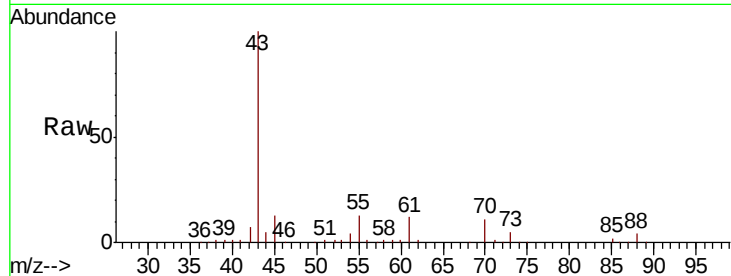
#37  
Ethyl Acetate  
Concen: 20.620 ug/l  
RT: 4.85 min Scan# 606  
Delta R.T. -0.02 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 11.5  | 17.3  |
| 70      | 10.1  | 9.0   | 13.6  |

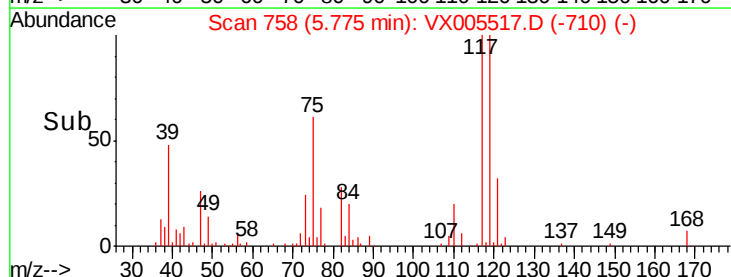
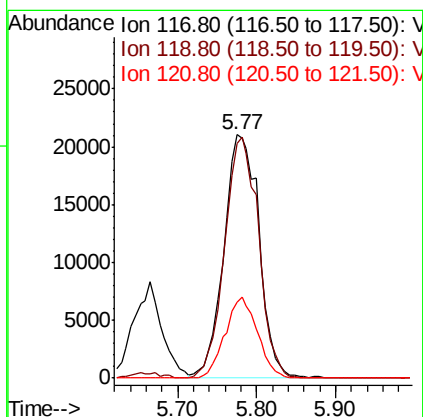
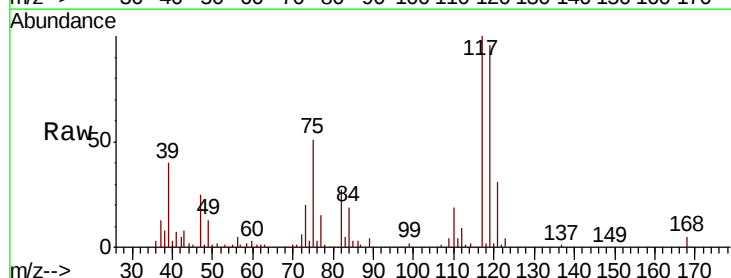
Manual Integrations  
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#38  
Carbon Tetrachloride  
Concen: 19.998 ug/l  
RT: 5.77 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 78.8  | 118.2 |
| 121     | 31.1  | 24.9  | 37.3  |





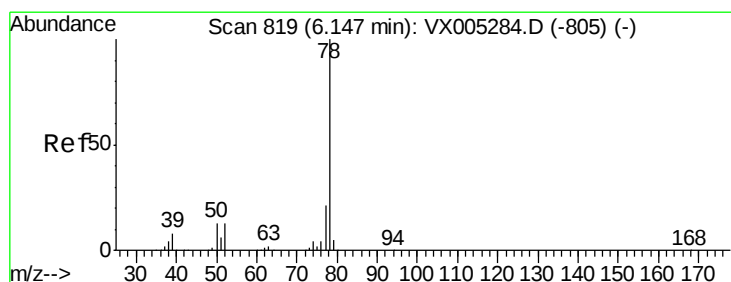
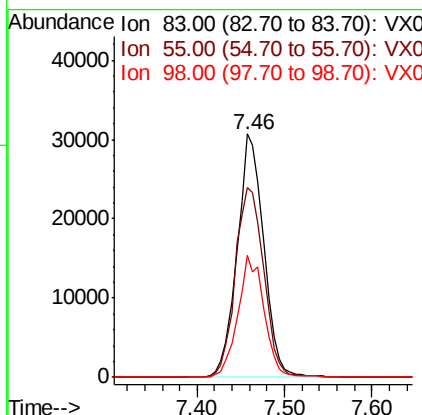
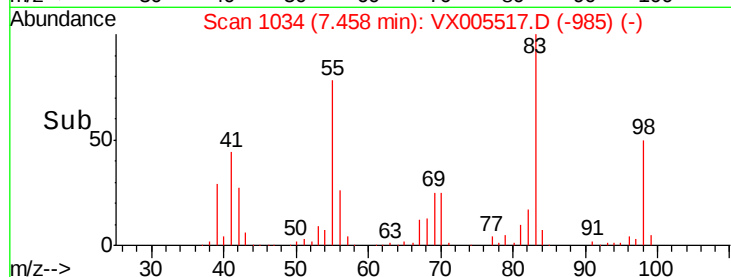
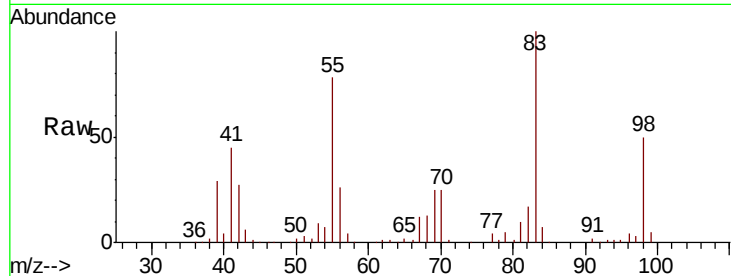
#39  
Methvlcvclohexane  
Concen: 18.672 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.2  | 61.0  | 91.4  |
| 98      | 49.9  | 39.6  | 59.4  |

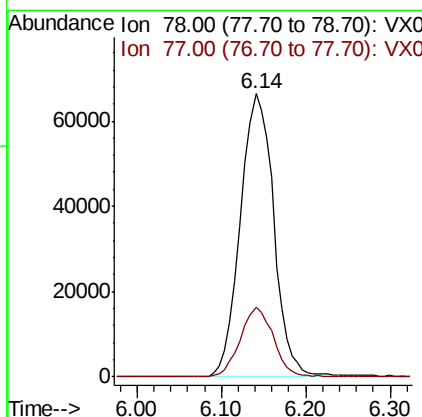
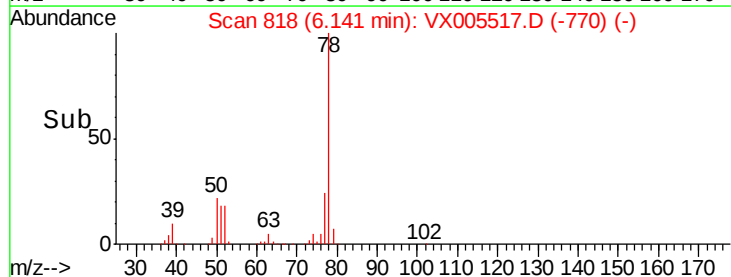
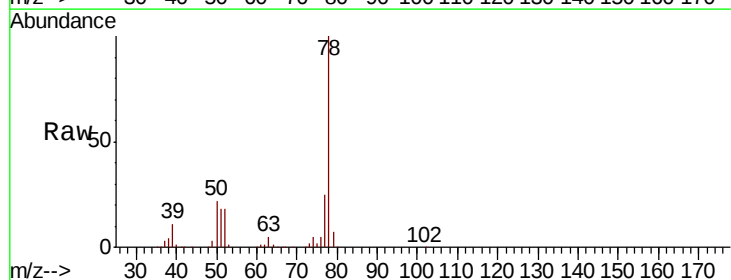
Manual Integrations  
APPROVED

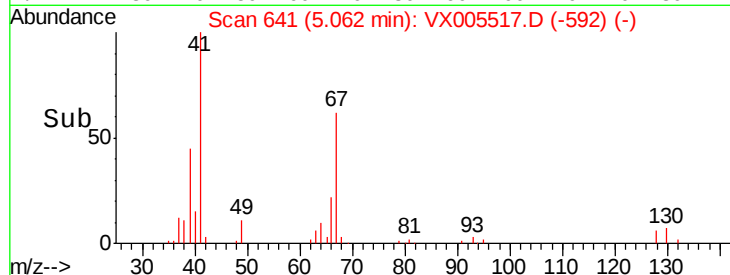
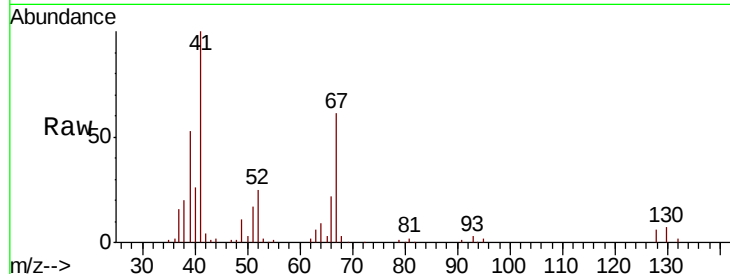
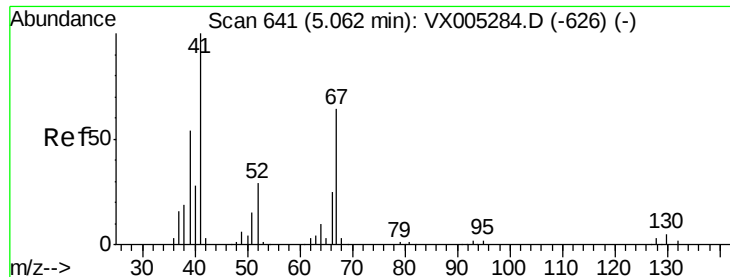
MMDadoda  
10/24/2018 10:02:45 AM



#40  
Benzene  
Concen: 18.436 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.7  | 19.0  | 28.4  |





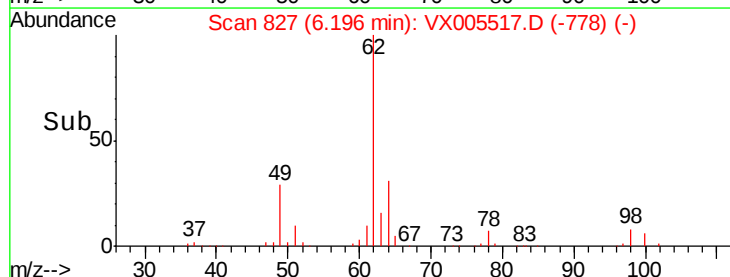
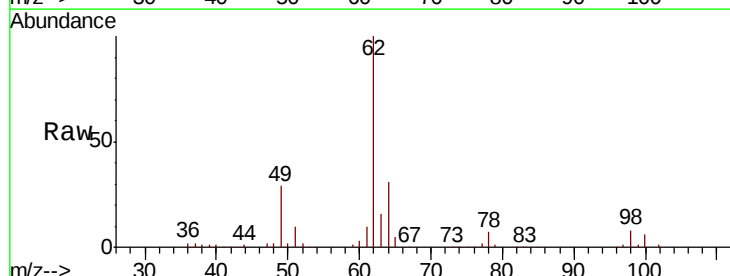
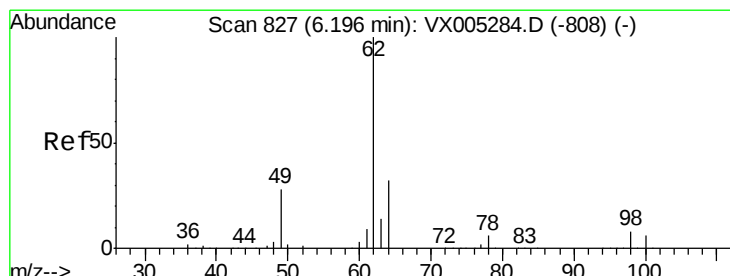
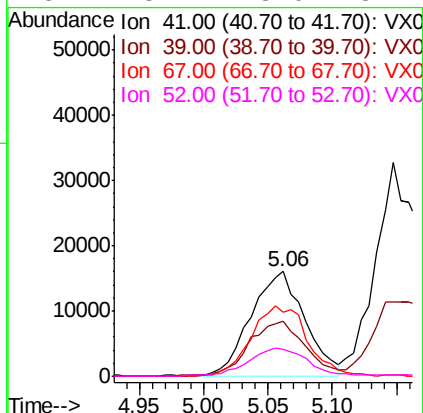
#41  
Methacrylonitrile  
Concen: 20.723 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.6 | 42.4  | 63.6  |       |
| 67      | 71.4 | 59.2  | 88.8  |       |
| 52      | 28.7 | 23.0  | 34.4  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

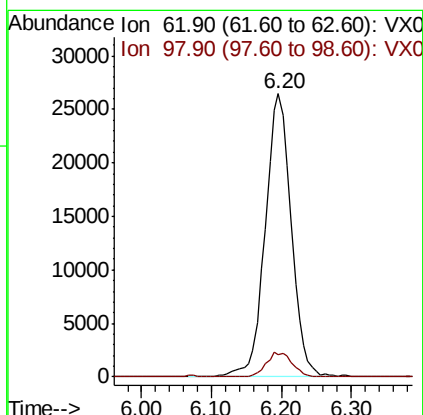
Manual Integrations  
APPROVED

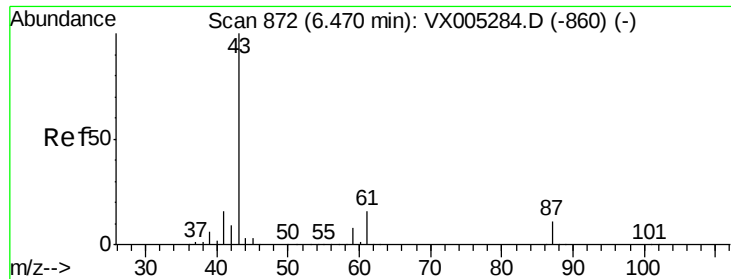
MMDadoda  
10/24/2018 10:02:45 AM



#42  
1,2-Dichloroethane  
Concen: 20.050 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.8 | 0.0   | 20.6  |       |





#43

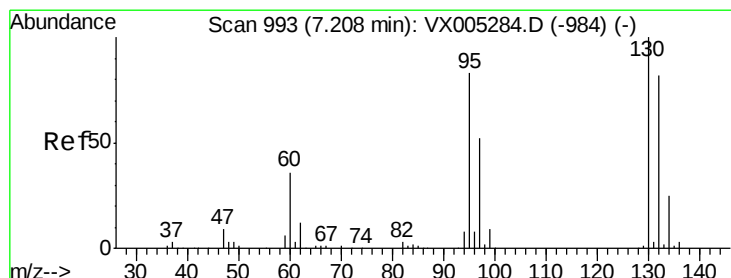
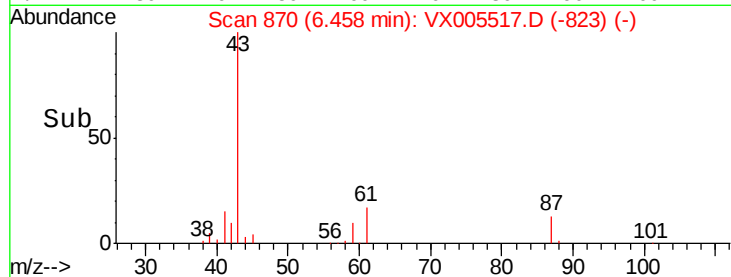
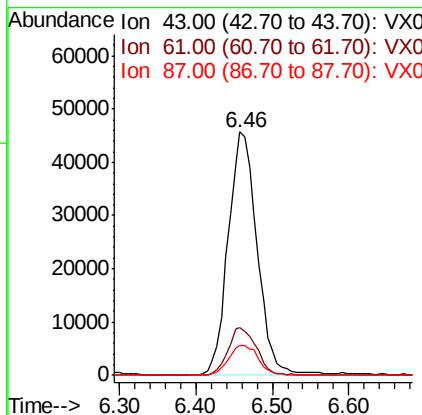
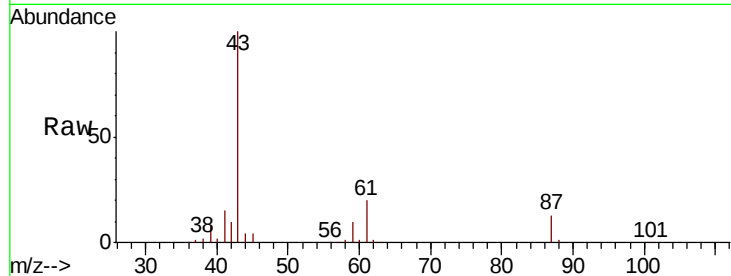
Isopropyl Acetate  
 Concen: 21.561 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.01 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 17.0  | 25.4  |
| 87      | 12.8  | 11.4  | 17.2  |

Manual Integrations  
 APPROVED

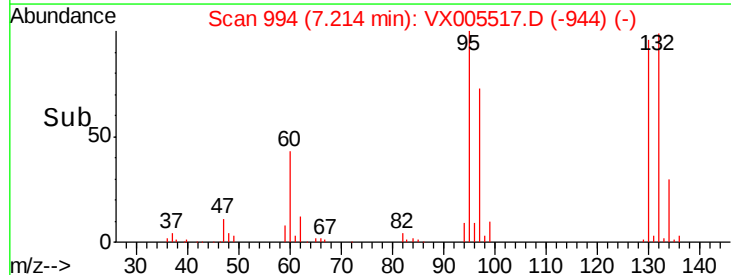
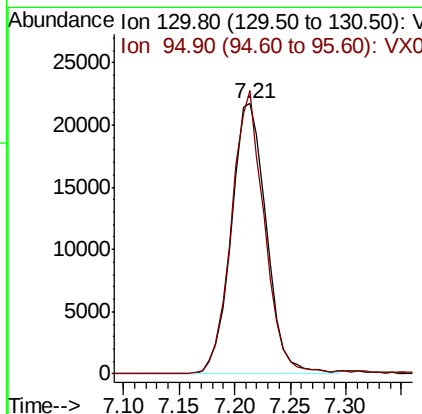
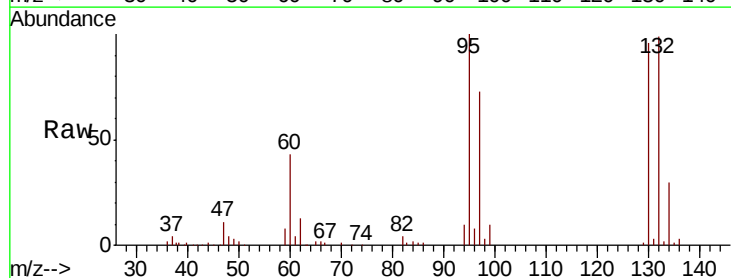
MMDadoda  
 10/24/2018 10:02:45 AM

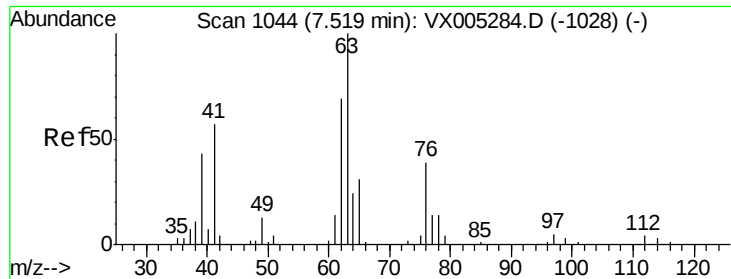


#44

Trichloroethene  
 Concen: 18.801 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 104.6 | 0.0   | 181.6 |





#45

1,2-Dichloropropane

Concen: 20.605 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 63 Resp: 48969

Ion Ratio Lower Upper

63 100

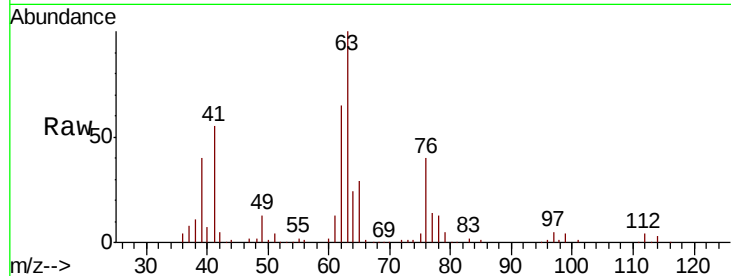
65 29.5 24.3 36.5

Manual Integrations

APPROVED

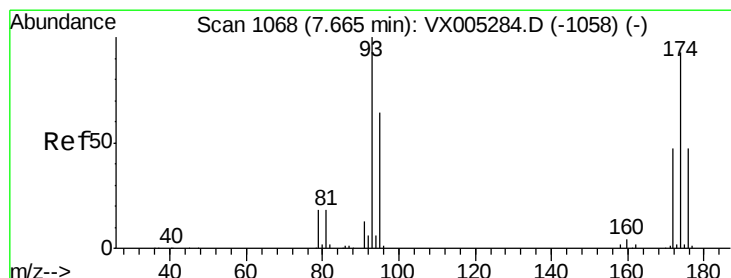
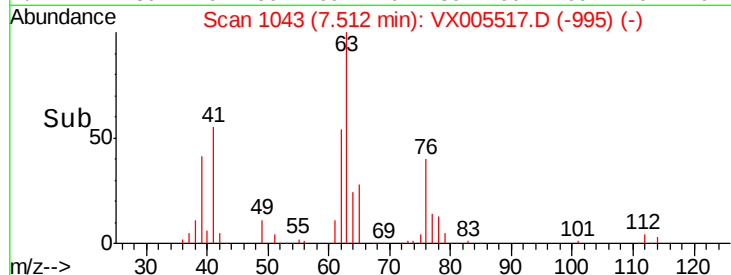
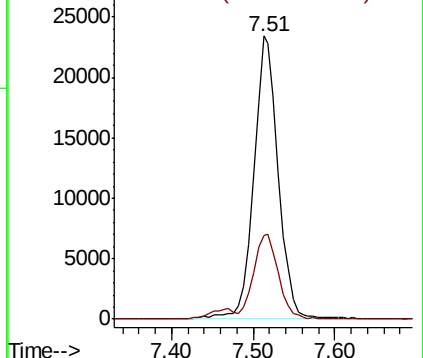
MMDadoda

10/24/2018 10:02:45 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.006 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

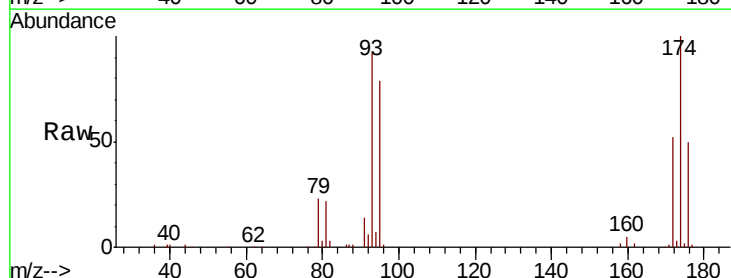
Tgt Ion: 93 Resp: 31381

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

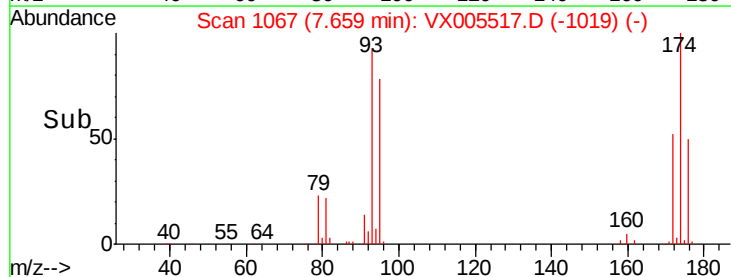
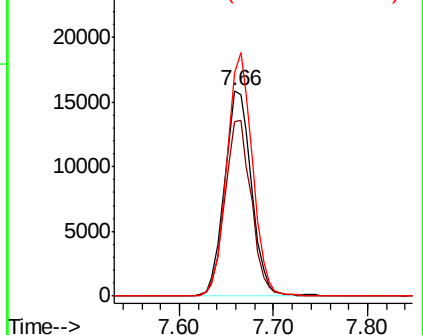
174 113.0 94.2 141.4

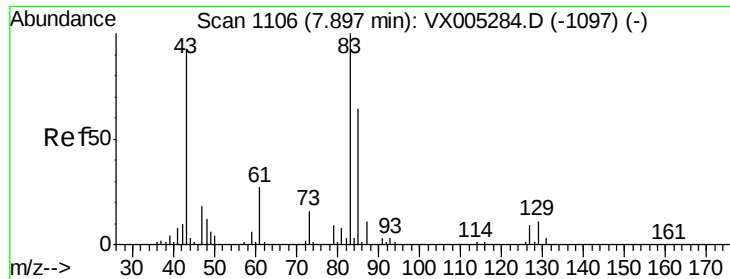


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





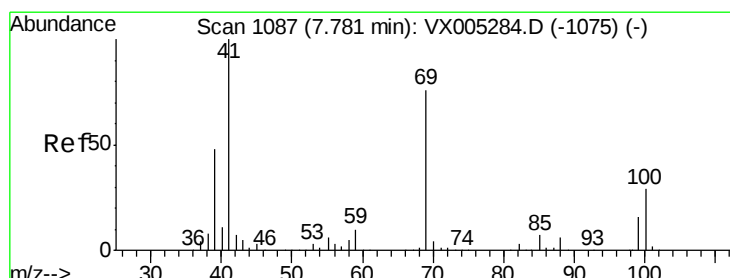
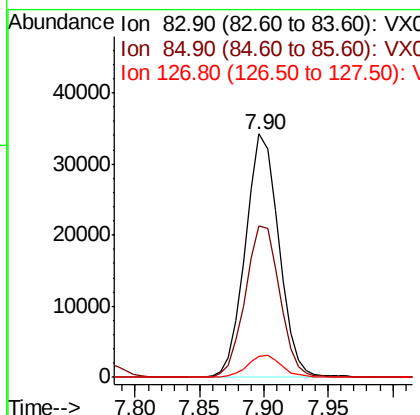
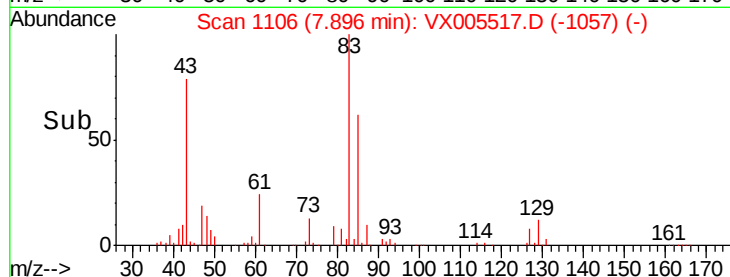
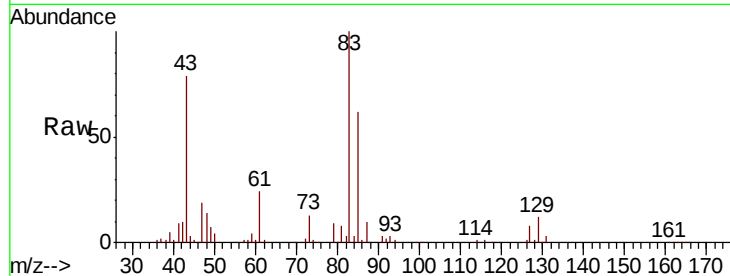
#47  
Bromodichloromethane  
Concen: 21.196 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion   | 83    | Resp  | 61499 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.8  | 50.9  | 76.3  |
| 127       | 8.5   | 7.3   | 10.9  |

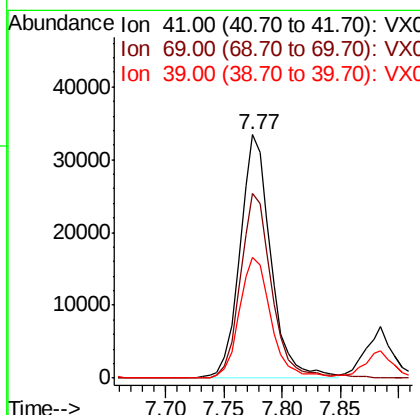
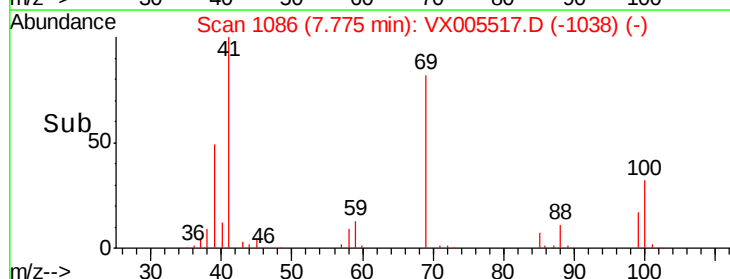
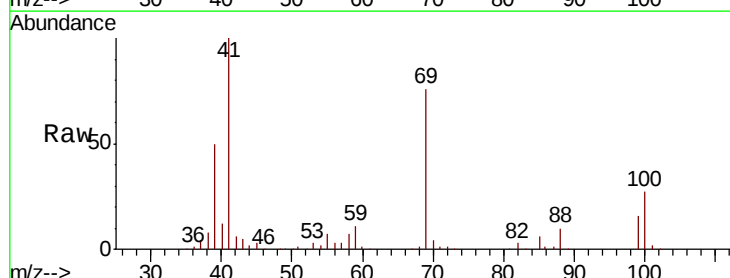
Manual Integrations  
APPROVED

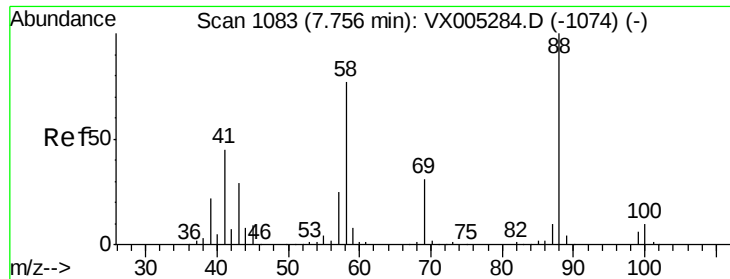
MMDadoda  
10/24/2018 10:02:45 AM



#48  
Methyl methacrylate  
Concen: 21.527 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion   | 41    | Resp  | 61776 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 77.6  | 70.2  | 105.4 |
| 39        | 51.0  | 42.7  | 64.1  |





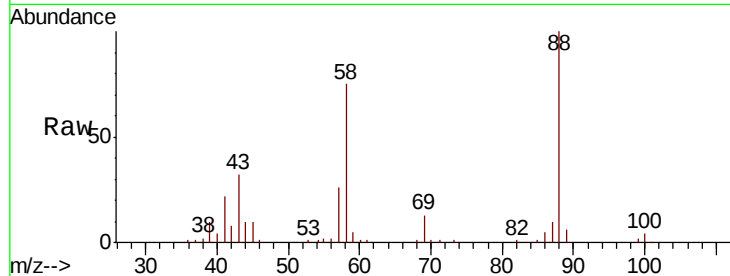
#49  
1,4-Dioxane  
Concen: 383.422 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.6  | 24.7  | 37.1  |
| 58      | 75.5  | 55.3  | 82.9  |

Manual Integrations  
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10/24/2018 10:02:45 AM

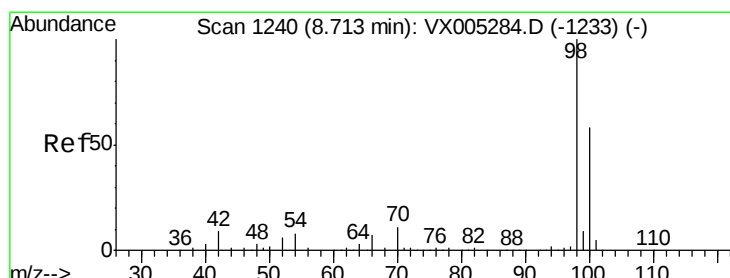
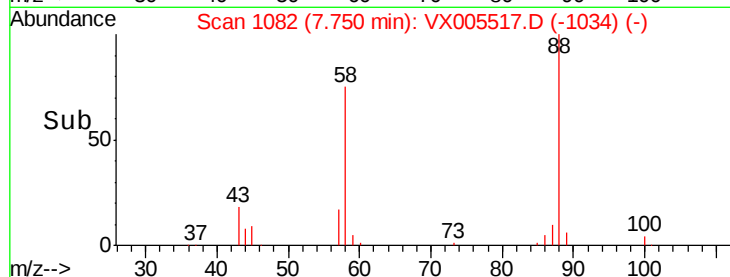
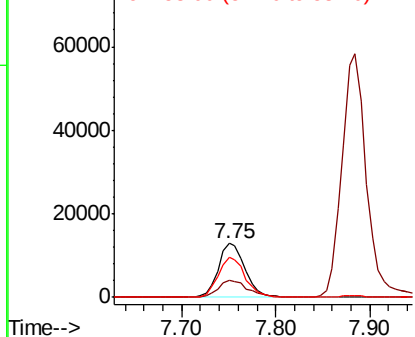


Abundance

Ion 88.00 (87.70 to 88.70): VX0

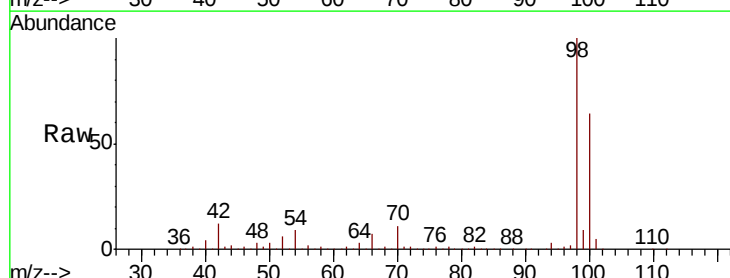
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 53.445 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

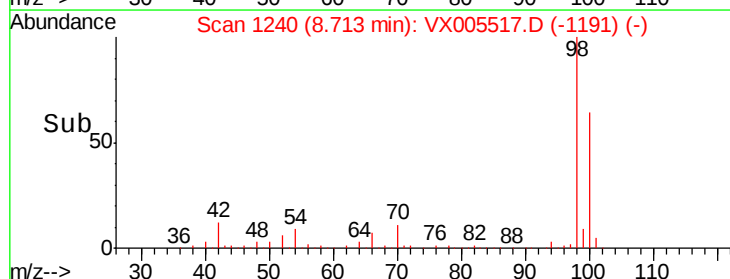
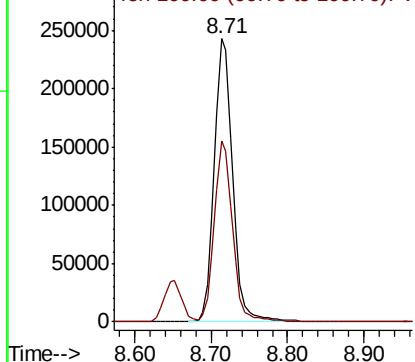
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 52.9  | 79.3  |

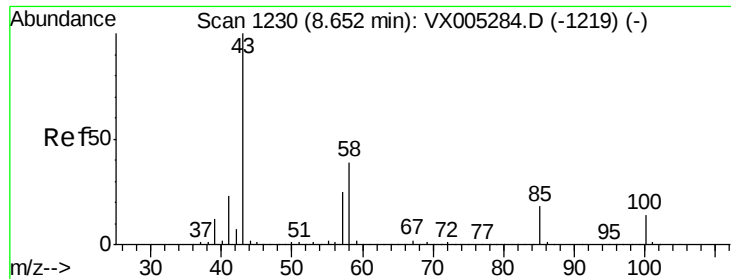


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 112.034 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 43 Resp: 429214

Ion Ratio Lower Upper

43 100

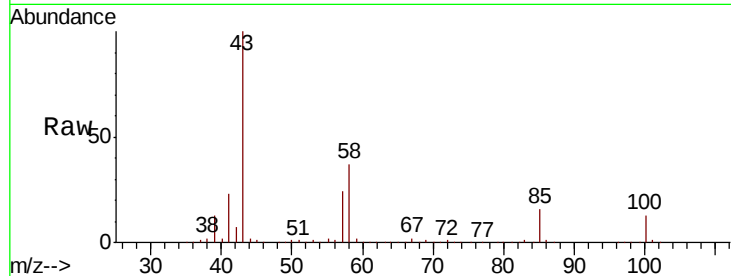
58 36.8 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

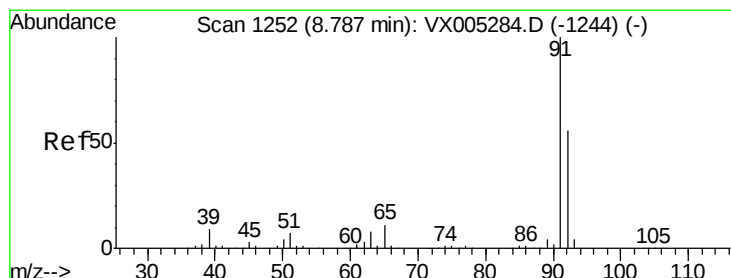
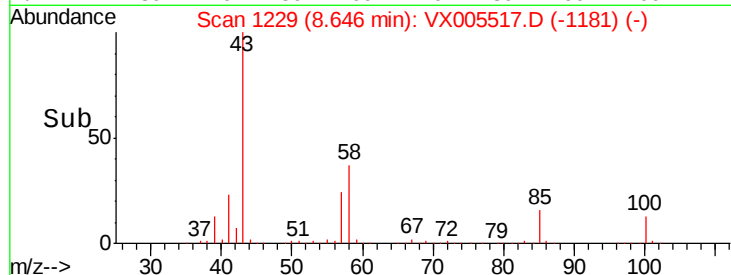
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.824 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005517.D

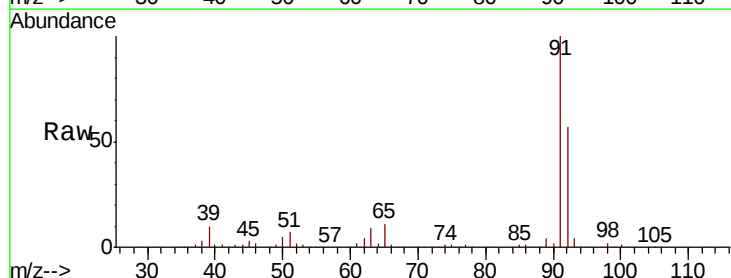
Acq: 23 Oct 2018 13:33

Tgt Ion: 92 Resp: 110379

Ion Ratio Lower Upper

92 100

91 176.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

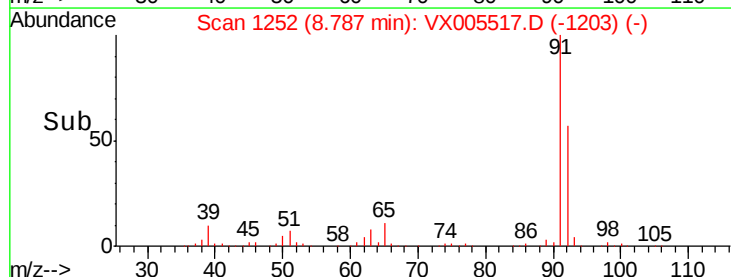
8.79

100000

50000

0

Time-->





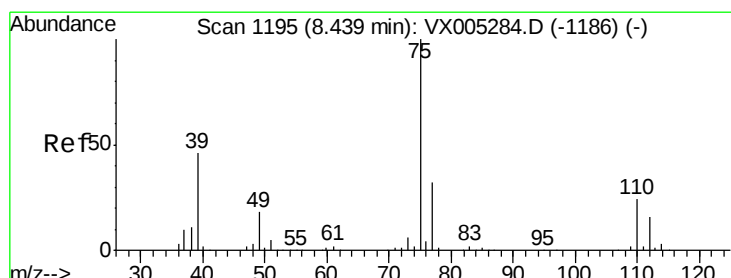
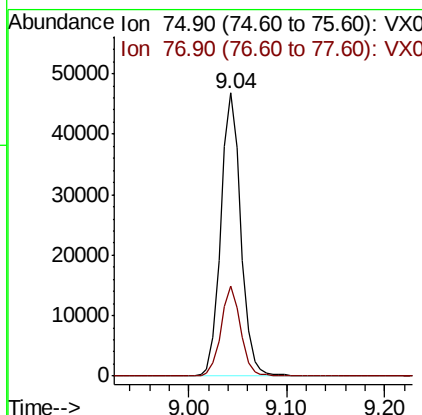
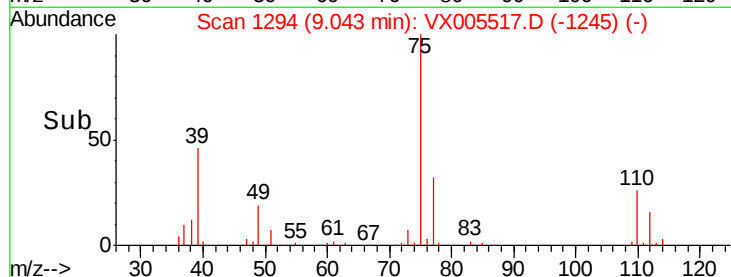
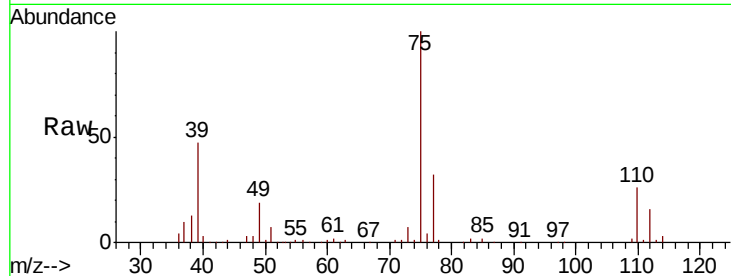
#53  
 t-1,3-Dichloropropene  
 Concen: 21.166 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

Tot Ion: 75 Resp: 66461  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.6 37.0

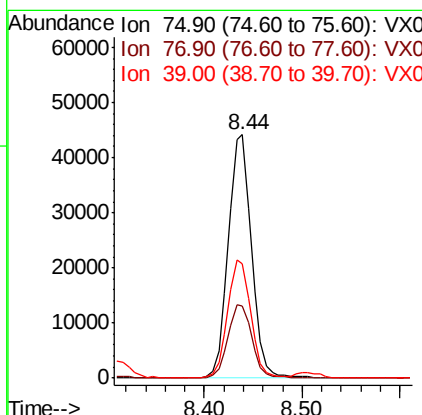
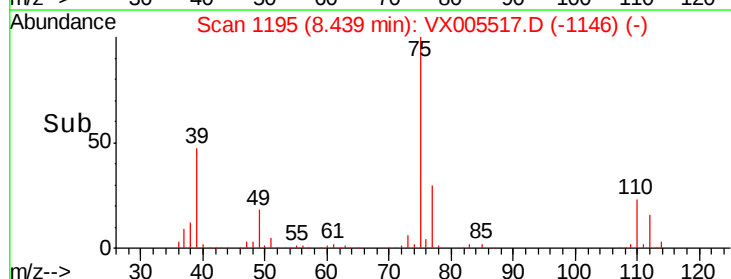
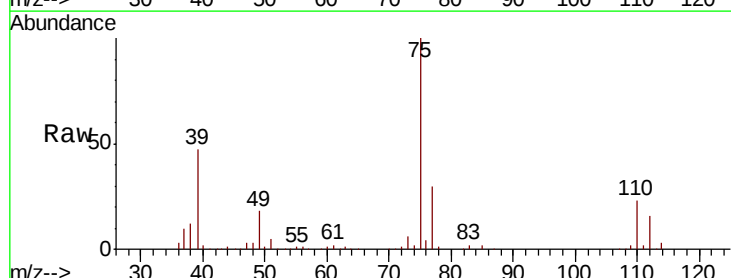
Manual Integrations  
 APPROVED

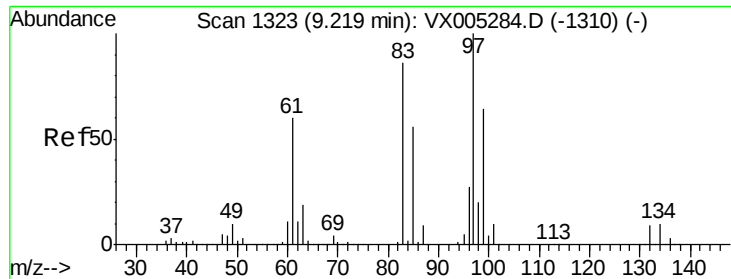
MMDadoda  
 10/24/2018 10:02:45 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.379 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Tgt Ion: 75 Resp: 72736  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 26.2 39.2  
 39 47.0 36.4 54.6





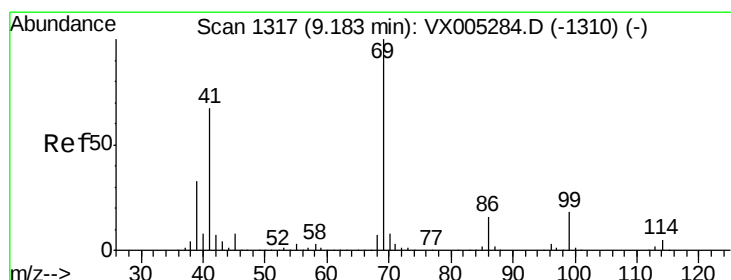
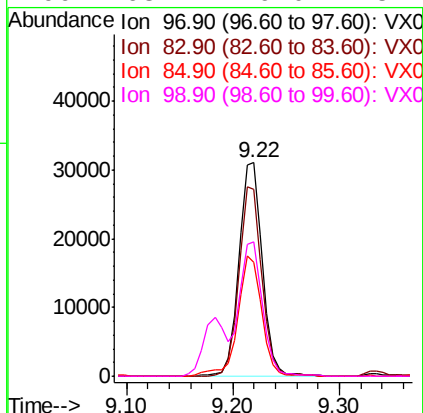
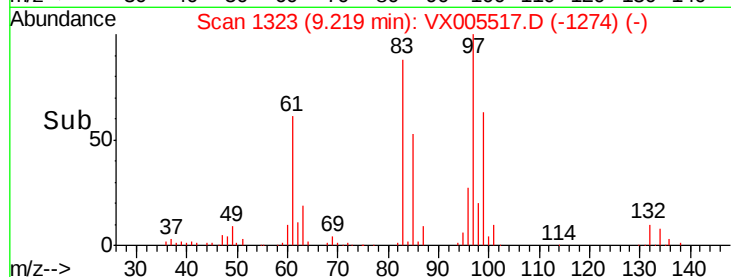
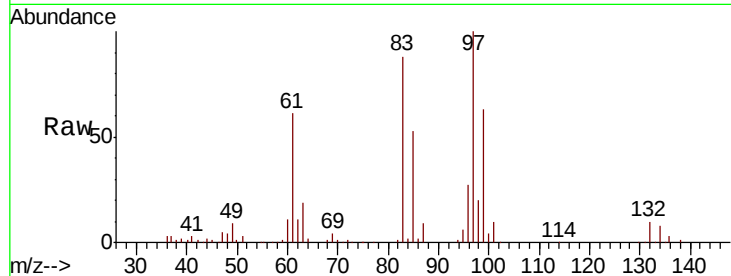
#55  
1,1,2-Trichloroethane  
Concen: 21.346 ug/l  
RT: 9.22 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 97    | Resp: | 47923 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 87.8  | 66.4  | 99.6  |
| 85        | 53.2  | 43.3  | 64.9  |
| 99        | 63.2  | 49.0  | 73.4  |

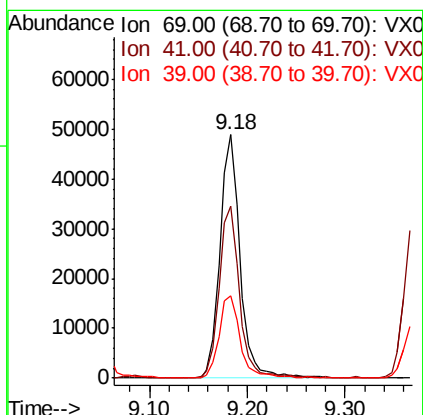
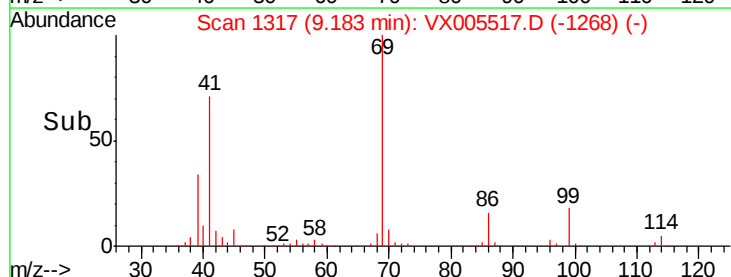
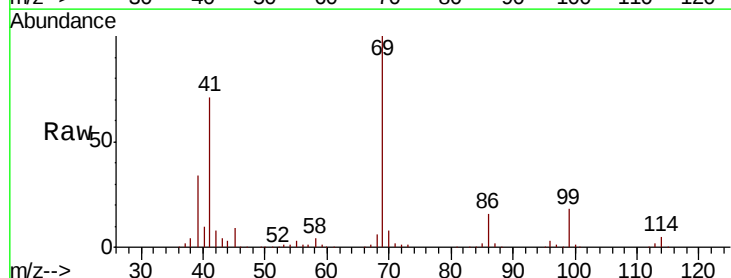
Manual Integrations  
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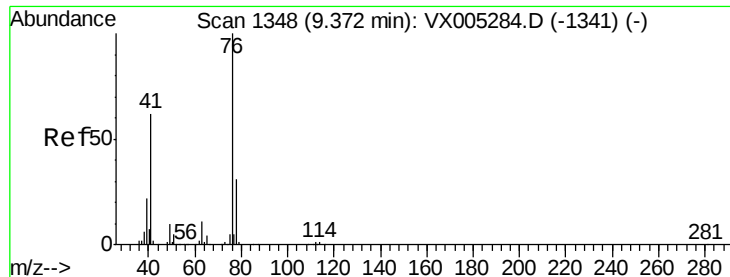
MMDadoda  
10/24/2018 10:02:45 AM



#56  
Ethyl methacrylate  
Concen: 21.275 ug/l  
RT: 9.18 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 69    | Resp: | 69630 |
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 70.8  | 51.0  | 76.4  |
| 39        | 35.1  | 26.1  | 39.1  |





#57

1,3-Dichloropropane

Concen: 21.256 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 76 Resp: 79650

Ion Ratio Lower Upper

76 100

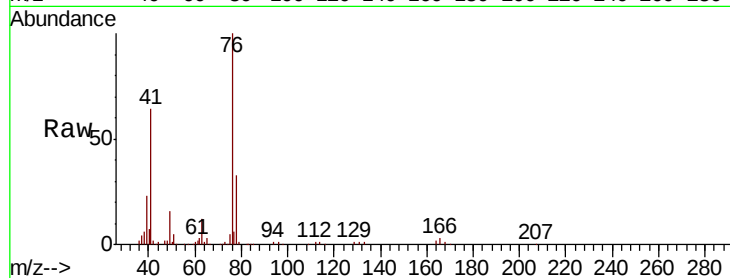
78 32.1 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

60000

50000

40000

30000

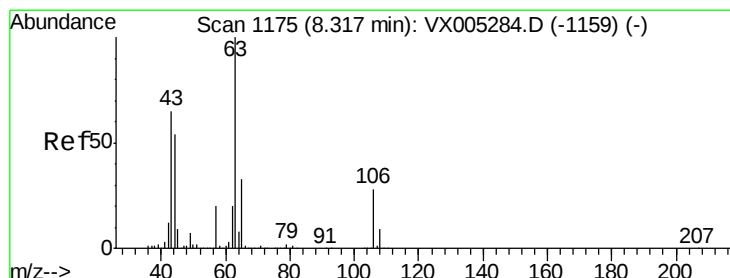
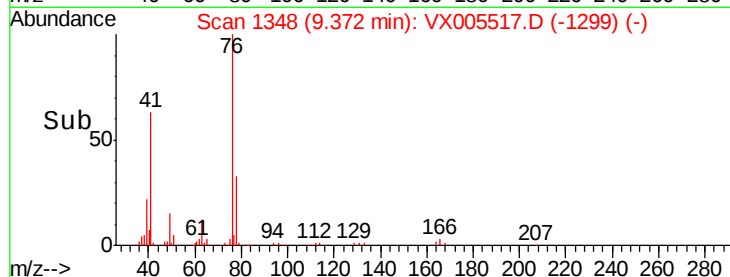
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 118.284 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005517.D

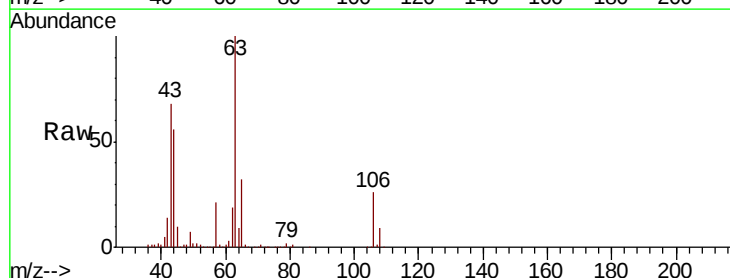
Acq: 23 Oct 2018 13:33

Tgt Ion: 63 Resp: 217110

Ion Ratio Lower Upper

63 100

106 26.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

150000

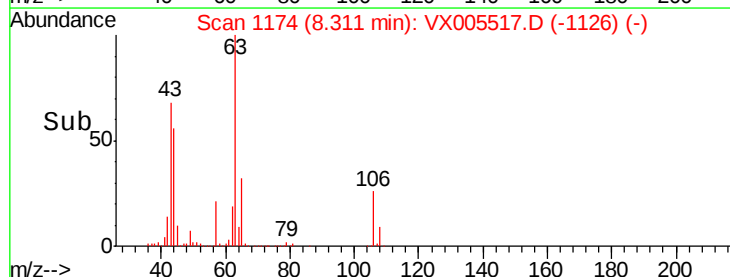
100000

50000

0

8.20 8.30 8.40

Time-->





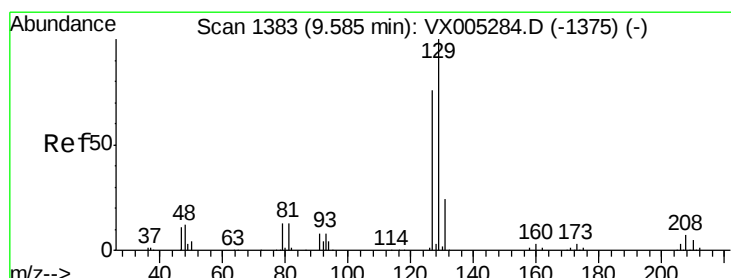
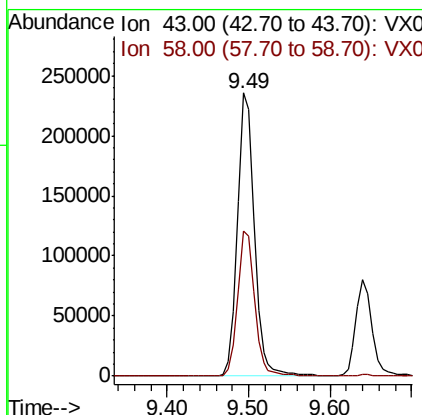
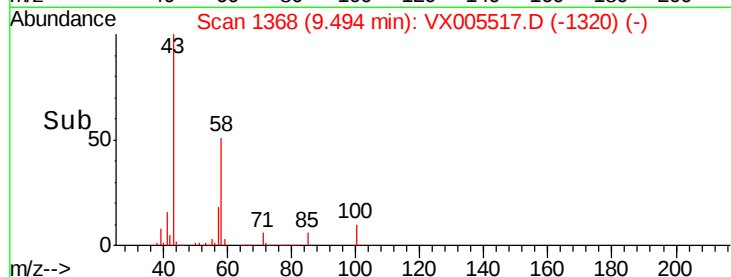
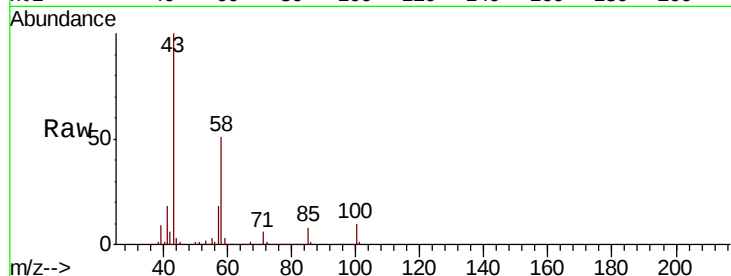
#59  
2-Hexanone  
Concen: 108.348 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

Tot Ion: 43 Resp: 333900  
Ion Ratio Lower Upper  
43 100  
58 51.8 29.0 87.0

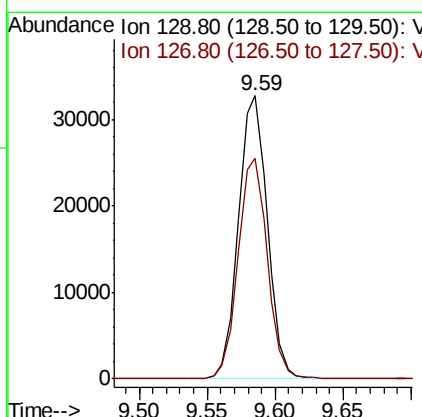
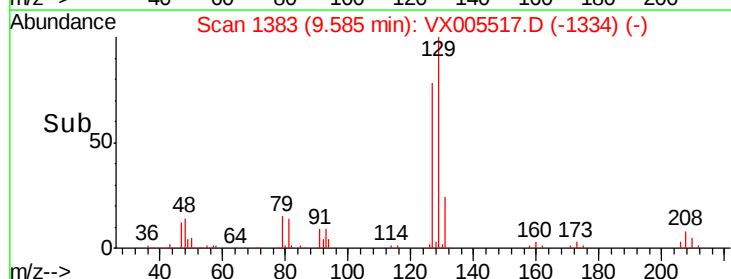
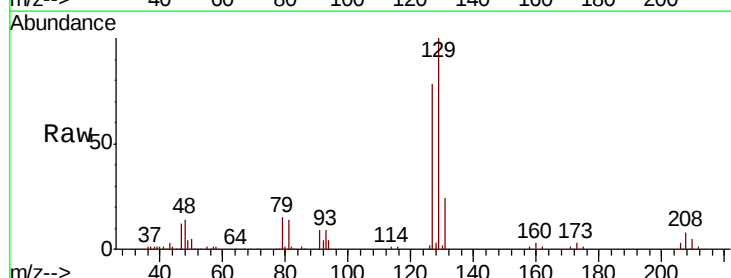
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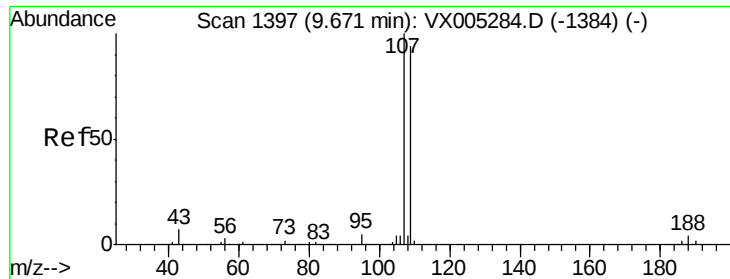
MMDadoda  
10/24/2018 10:02:45 AM



#60  
Dibromochloromethane  
Concen: 20.963 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Tgt Ion: 129 Resp: 48648  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.5 115.5





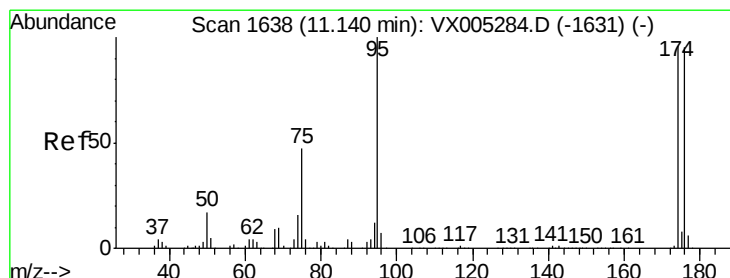
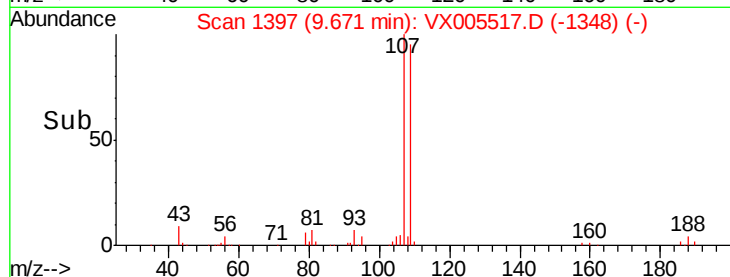
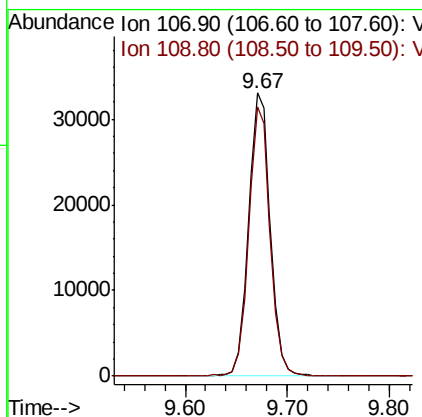
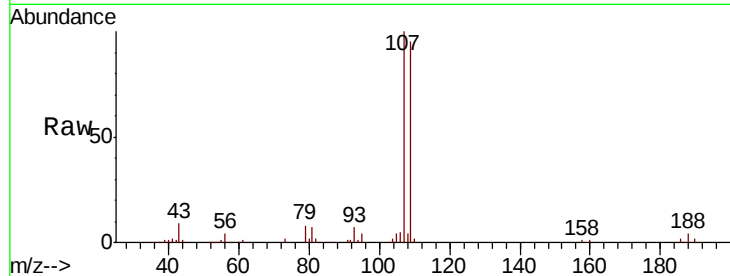
#61  
 1,2-Dibromoethane  
 Concen: 20.795 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.5  | 76.0  | 114.0 |

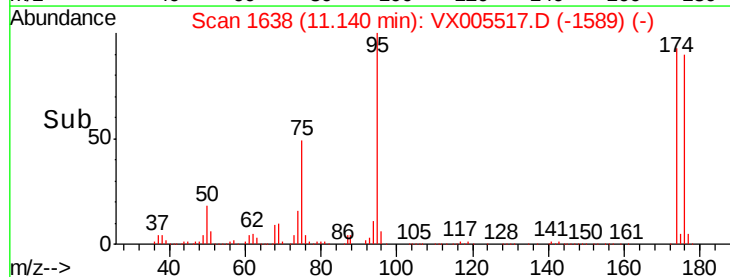
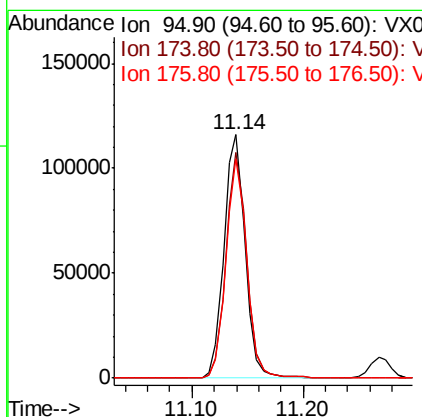
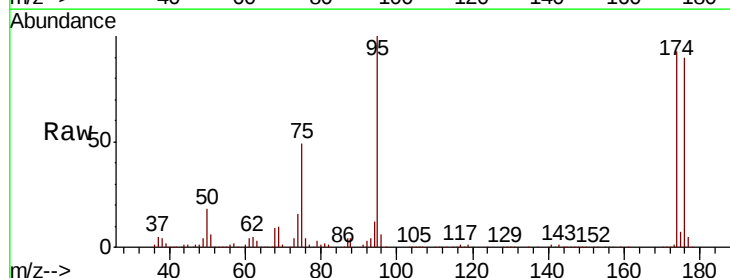
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#62  
 4-Bromofluorobenzene  
 Concen: 53.519 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.7  | 0.0   | 185.2 |
| 176     | 88.3  | 0.0   | 178.6 |





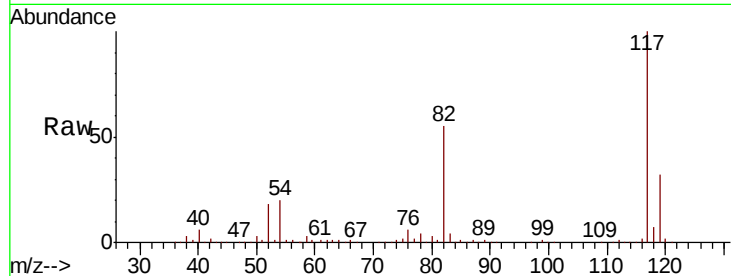
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.7  | 47.8  | 71.6  |
| 119     | 32.4  | 29.3  | 43.9  |

Manual Integrations  
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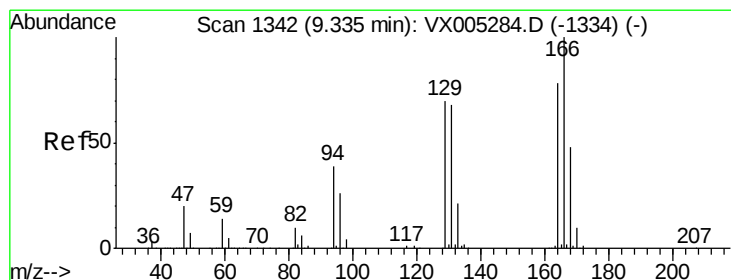
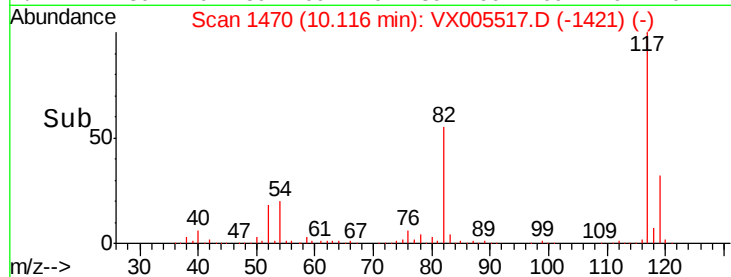
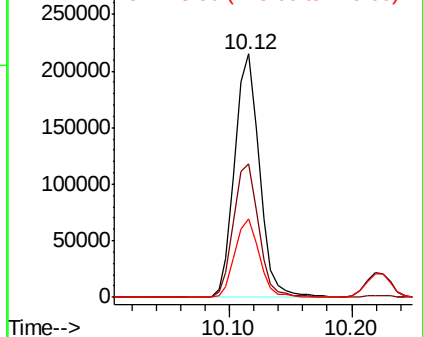


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 20.624 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.6 | 102.8 | 154.2 |
| 129     | 89.5  | 69.4  | 104.0 |
| 131     | 88.4  | 67.9  | 101.9 |

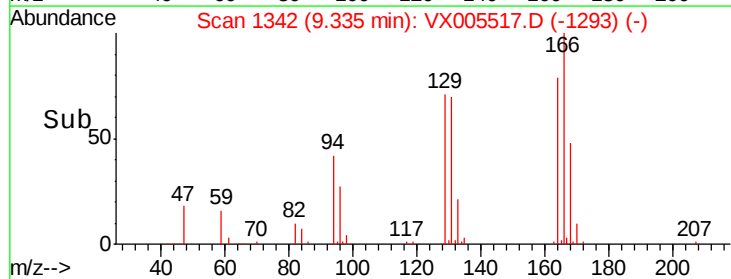
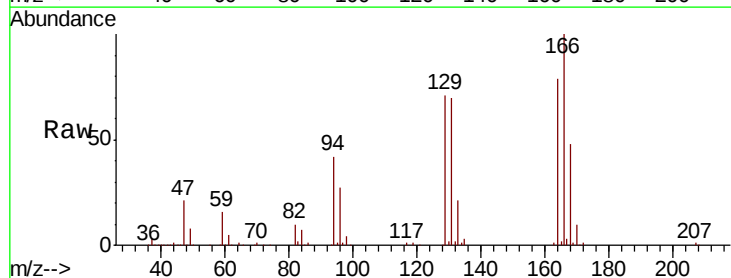
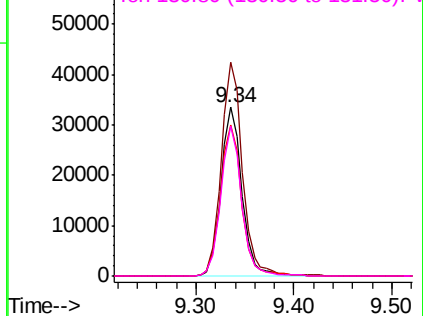
Abundance

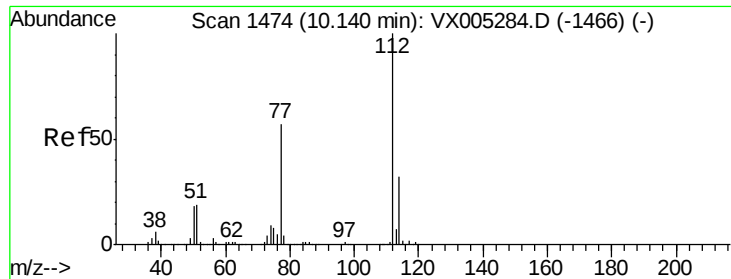
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





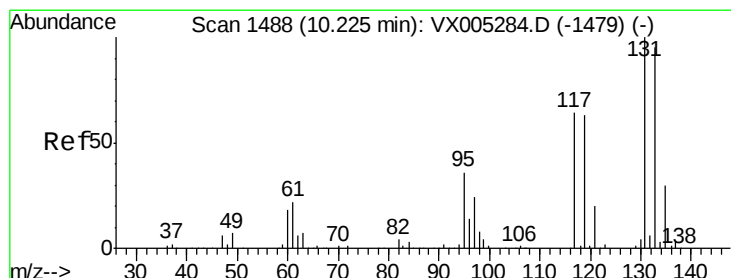
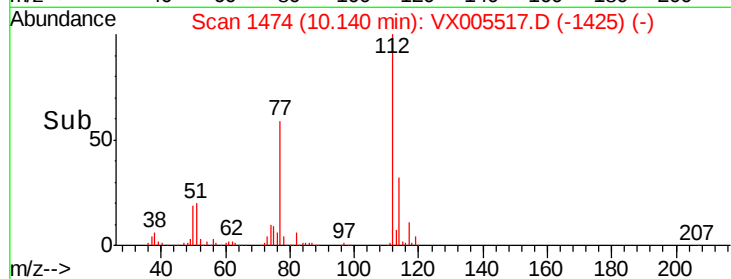
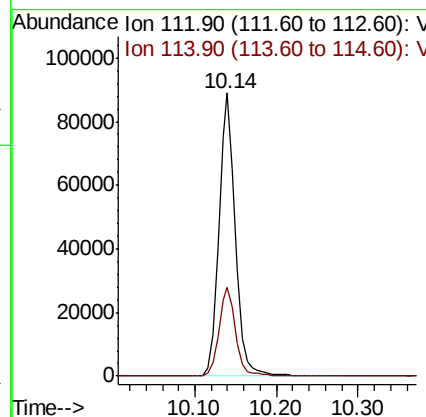
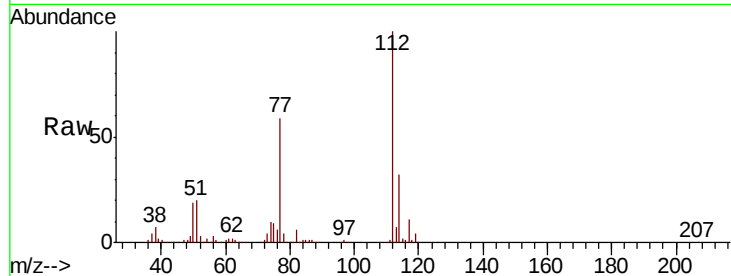
#65  
Chlorobenzene  
Concen: 19.664 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.5  | 27.8  | 41.8  |

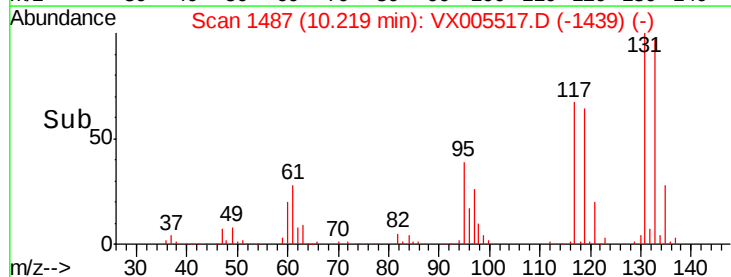
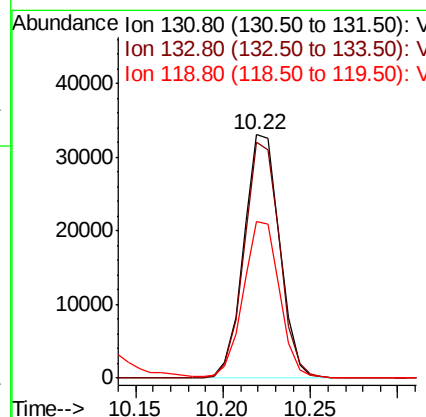
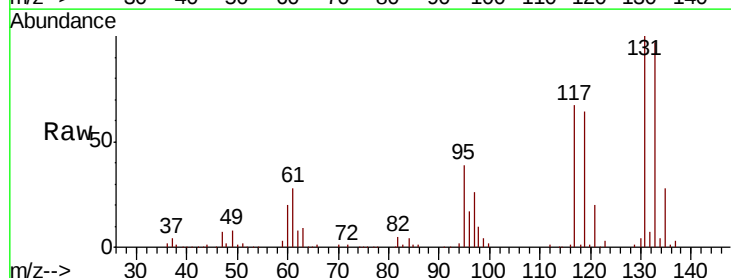
Manual Integrations  
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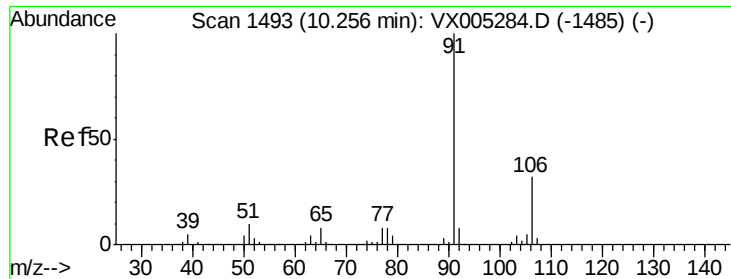
MMDadoda  
10/24/2018 10:02:45 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.622 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.9  | 48.1  | 144.4 |
| 119     | 64.9  | 32.9  | 98.6  |





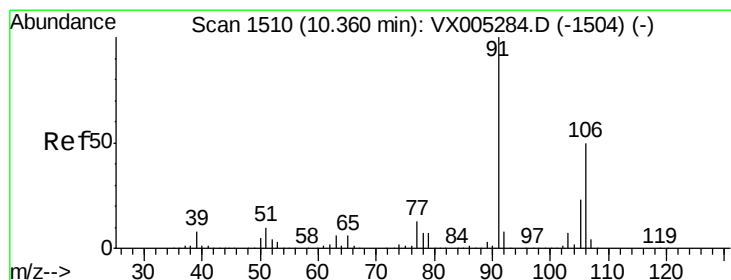
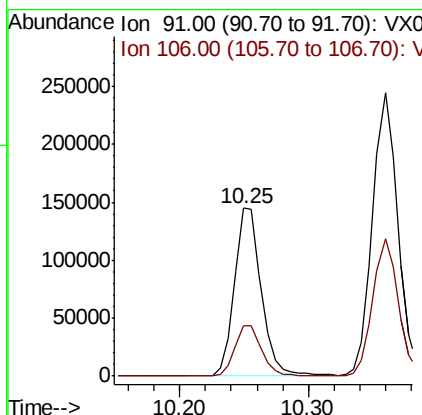
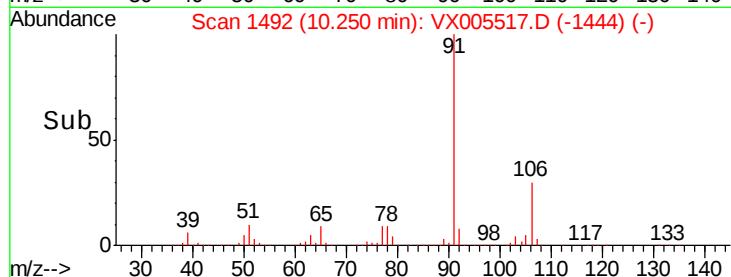
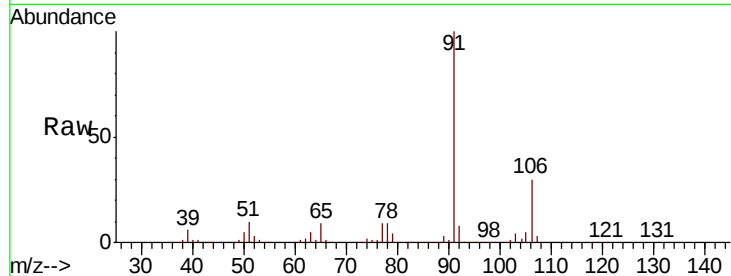
#67  
Ethyl Benzene  
Concen: 20.251 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

Tot Ion: 91 Resp: 211182  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.9 38.9

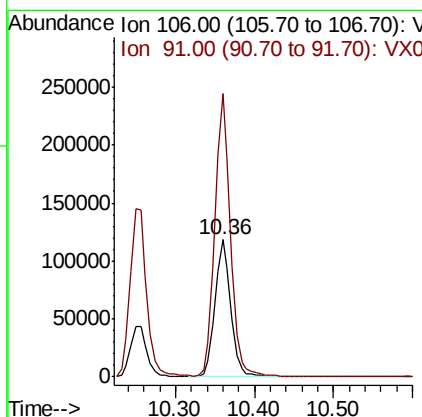
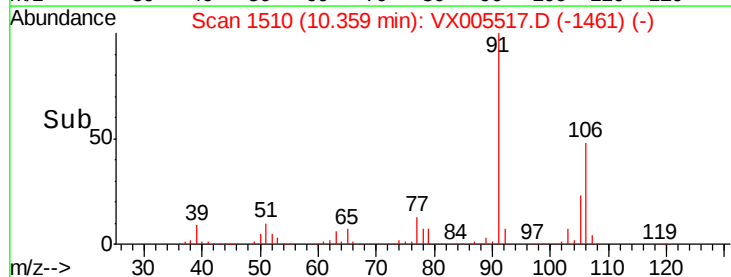
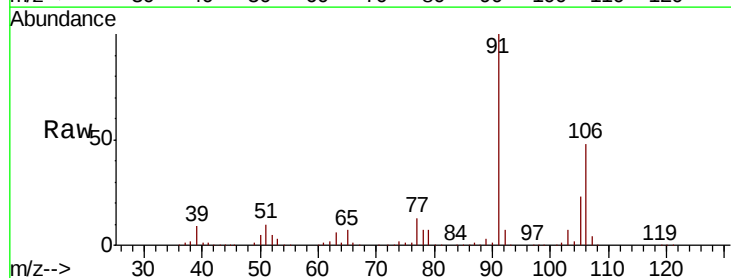
Manual Integrations  
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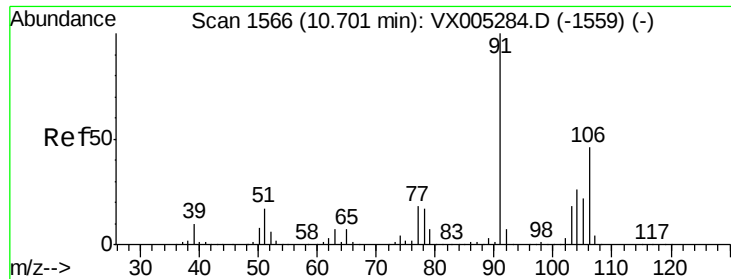
MMDadoda  
10/24/2018 10:02:45 AM



#68  
m/p-Xylenes  
Concen: 40.876 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Tgt Ion: 106 Resp: 165450  
Ion Ratio Lower Upper  
106 100  
91 204.9 157.1 235.7





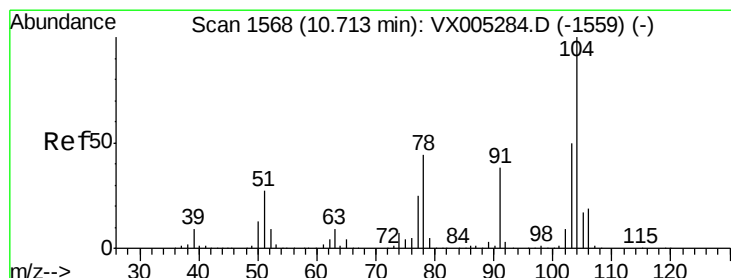
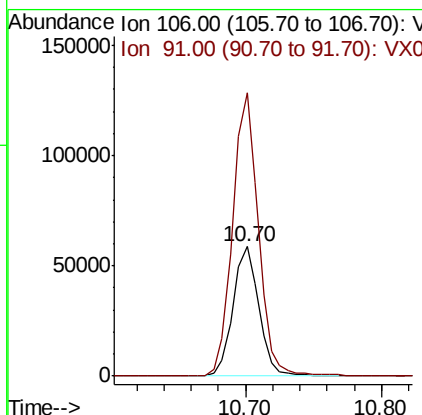
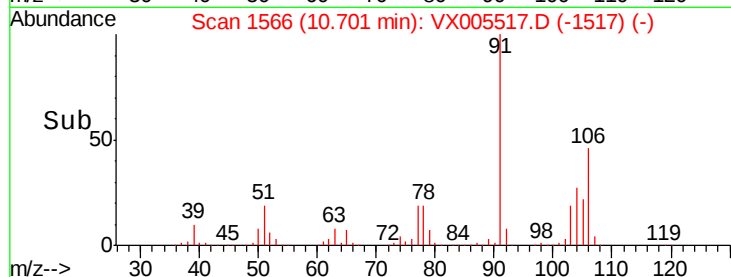
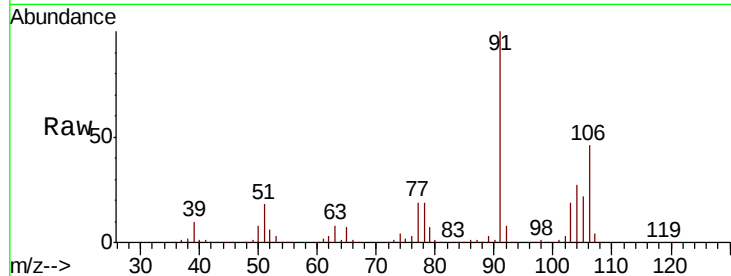
#69  
o-Xylene  
Concen: 19.954 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1023WBS01

Tot Ion:106 Resp: 77893  
Ion Ratio Lower Upper  
106 100  
91 217.8 105.1 315.1

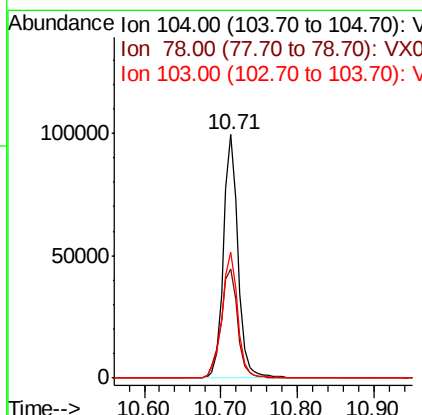
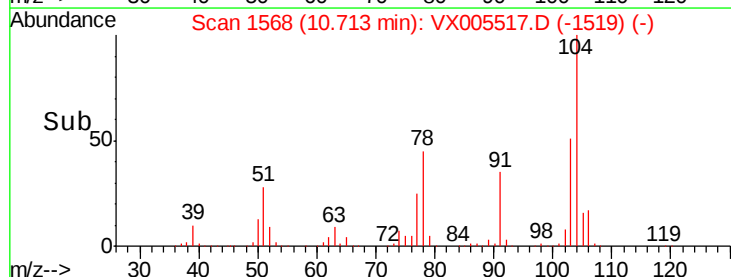
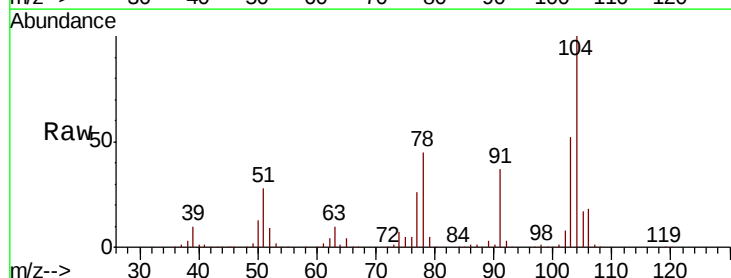
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#70  
Styrene  
Concen: 20.442 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Tgt Ion:104 Resp: 131250  
Ion Ratio Lower Upper  
104 100  
78 51.8 37.4 56.0  
103 56.2 43.8 65.6





#71

Bromoform

Concen: 19.542 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

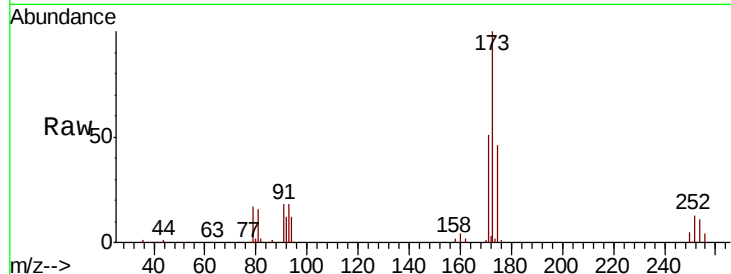
ClientSampleId :

VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.1  | 72.3  |
| 254     | 0.1   | 0.2   | 0.2   |

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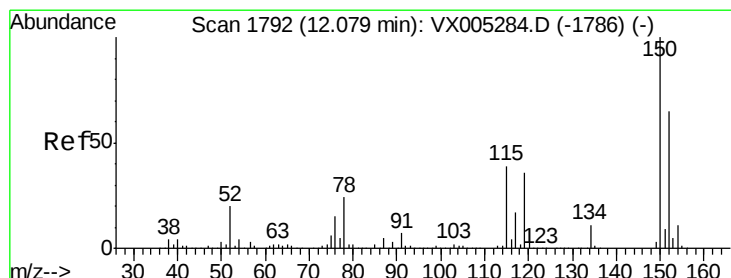
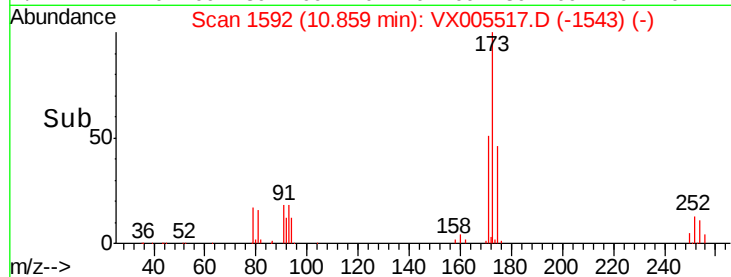
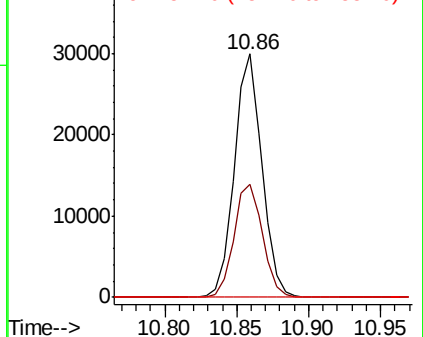


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

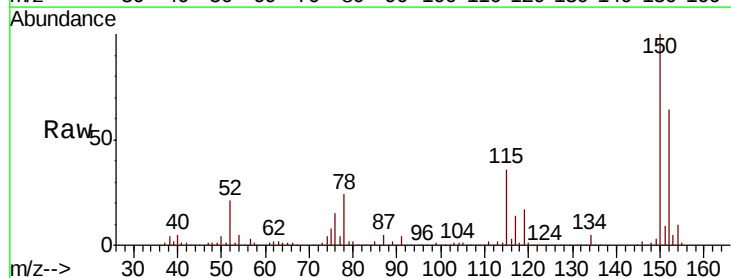
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.8  | 39.0  | 117.0 |
| 150     | 163.4 | 0.0   | 351.0 |

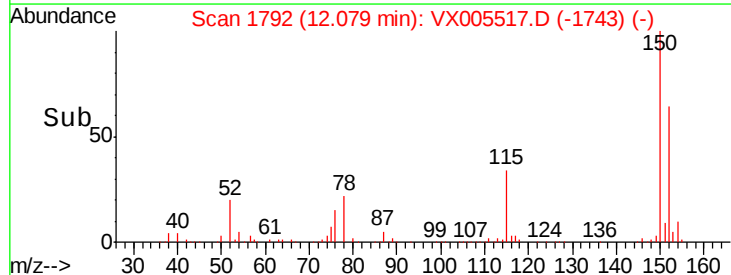
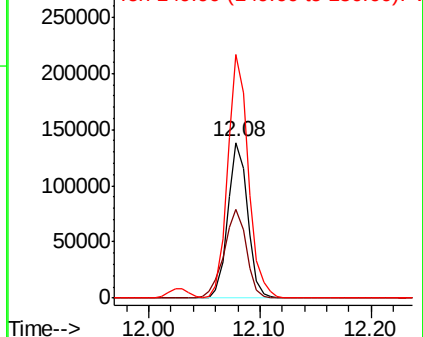


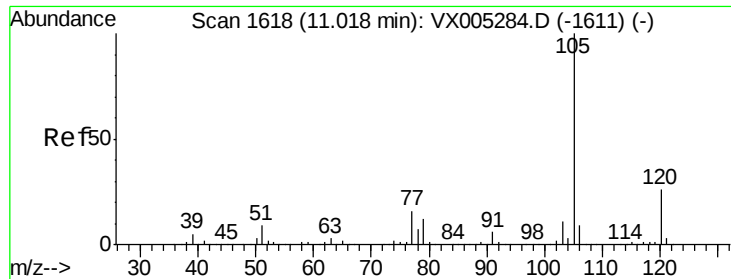
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.721 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 105 Resp: 218743

Ion Ratio Lower Upper

105 100

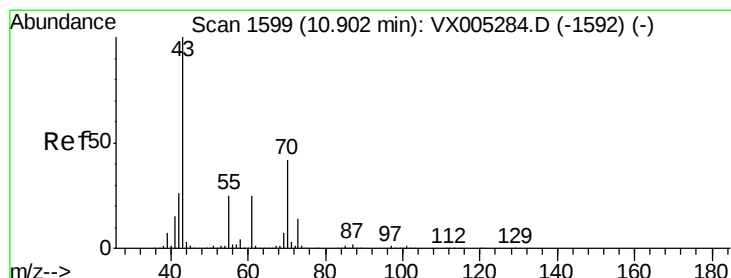
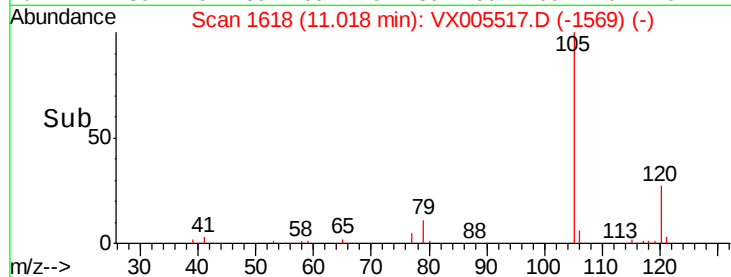
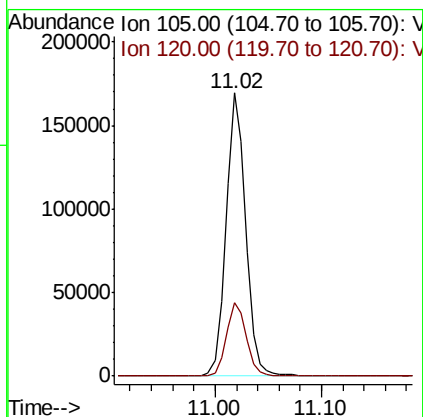
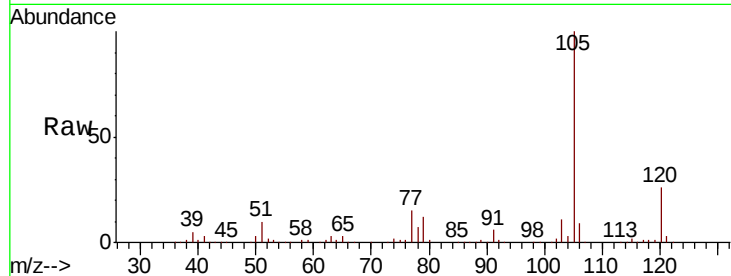
120 26.4 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.240 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Tgt Ion: 43 Resp: 103164

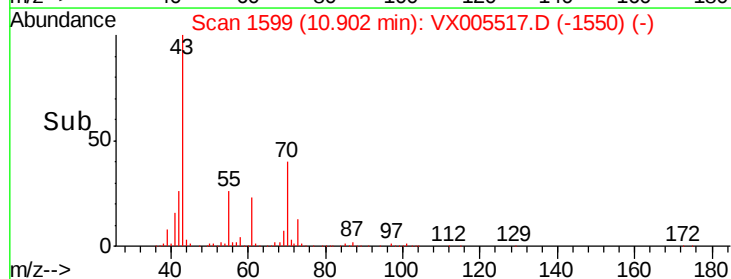
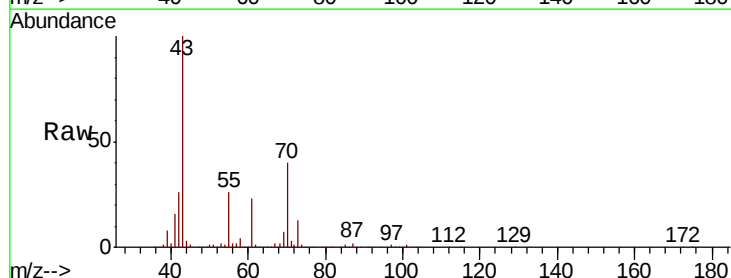
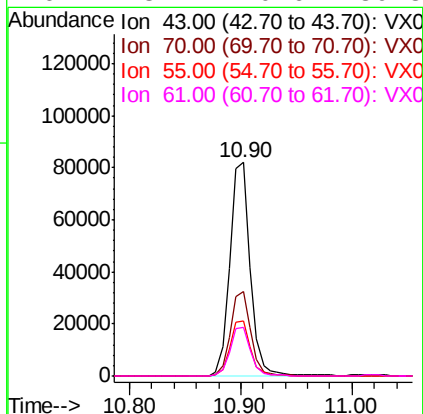
Ion Ratio Lower Upper

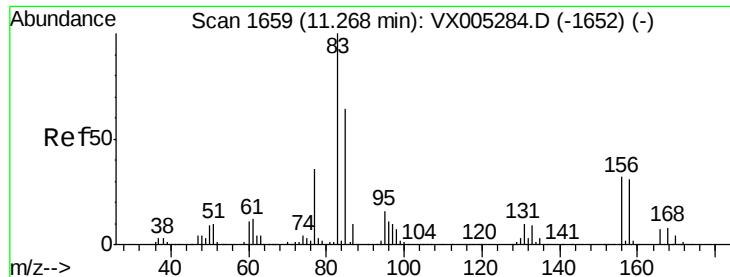
43 100

70 39.9 37.4 56.0

55 25.9 21.8 32.8

61 23.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.488 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 83 Resp: 77829

Ion Ratio Lower Upper

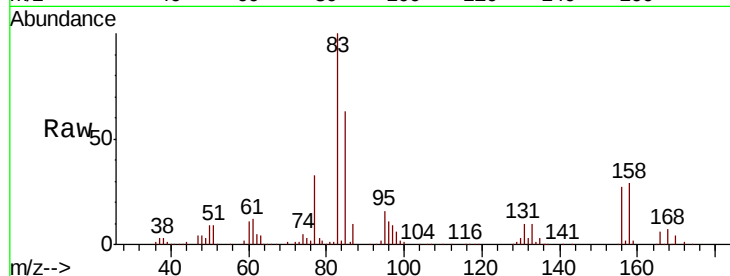
83 100

131 10.6 5.2 15.6

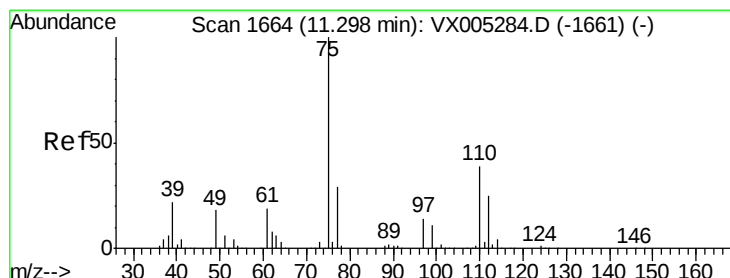
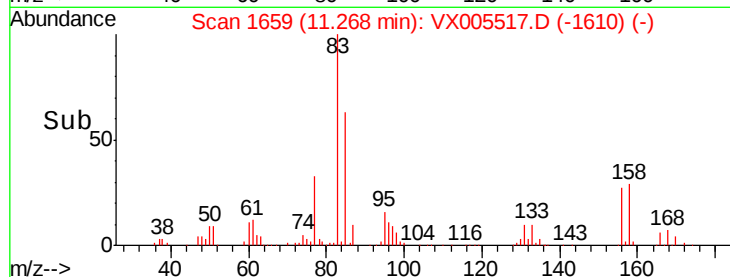
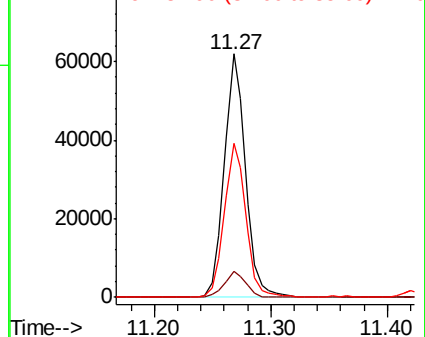
85 64.4 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.020 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005517.D

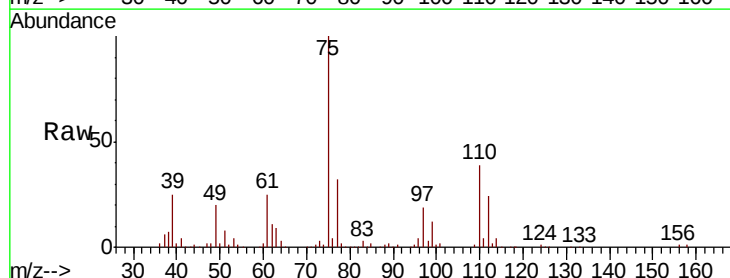
Acq: 23 Oct 2018 13:33

Tgt Ion: 75 Resp: 72354

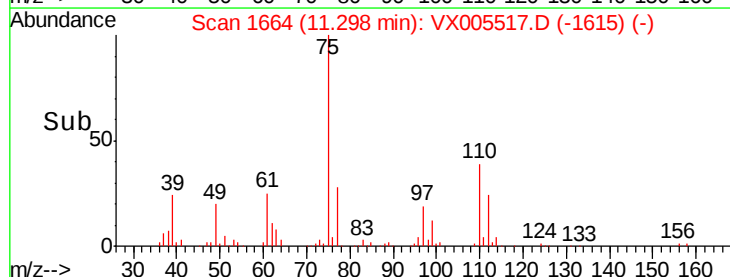
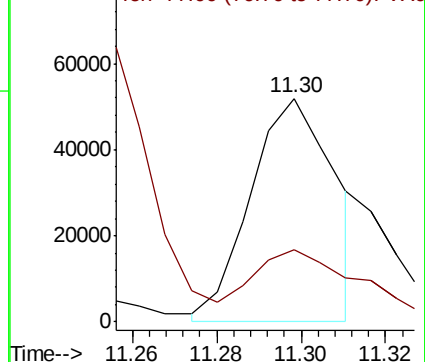
Ion Ratio Lower Upper

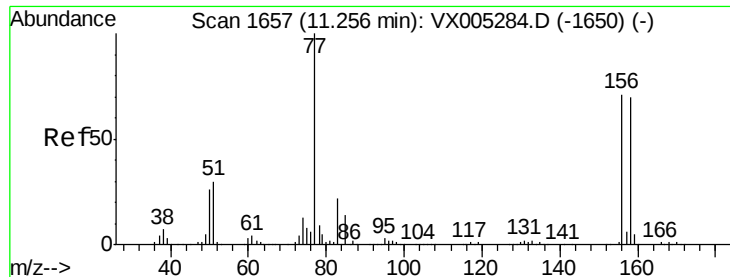
75 100

77 40.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.200 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion:156 Resp: 58164

Ion Ratio Lower Upper

156 100

77 150.1 71.5 214.3

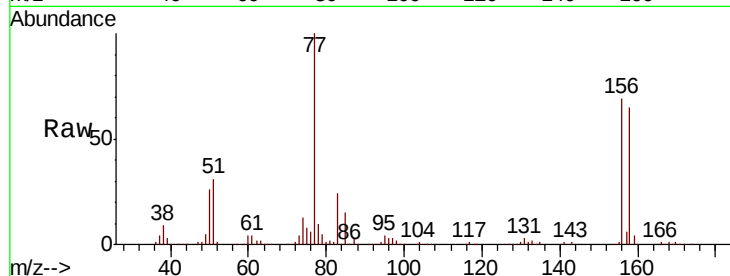
158 97.6 48.9 146.8

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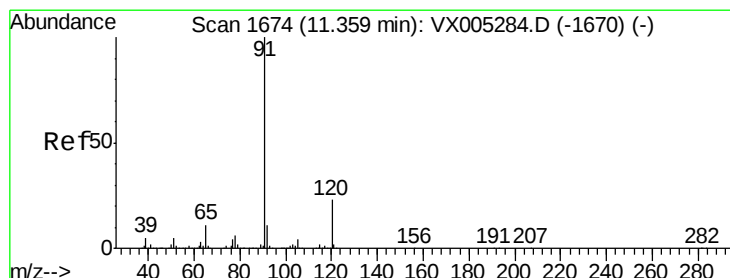
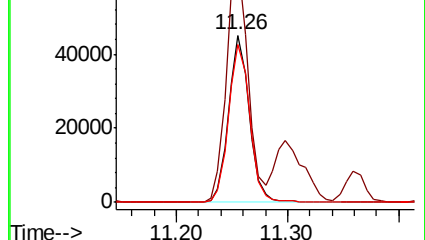
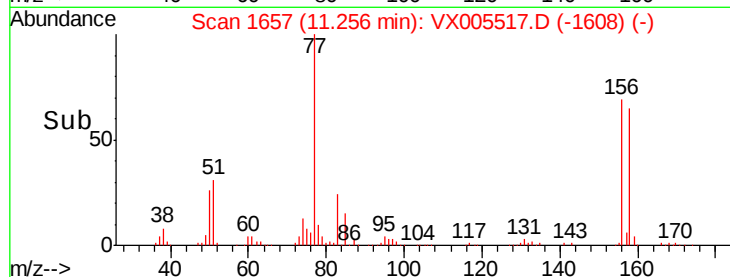
10/24/2018 10:02:45 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005517.D

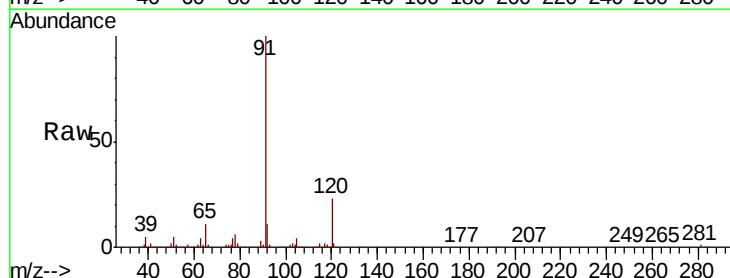
Acq: 23 Oct 2018 13:33

Tgt Ion: 91 Resp: 251958

Ion Ratio Lower Upper

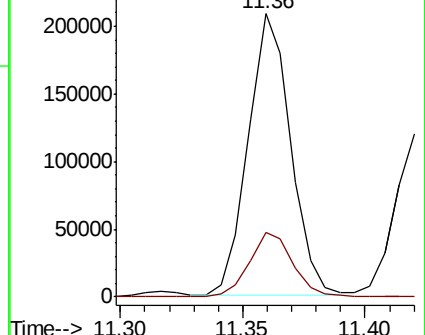
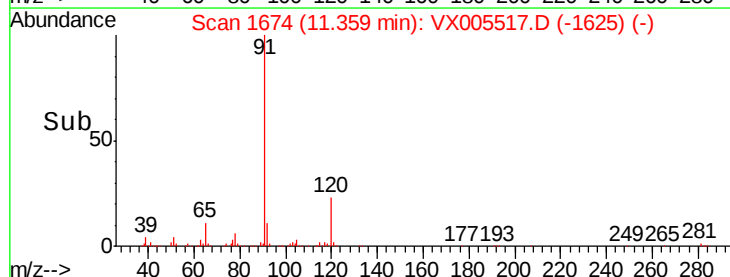
91 100

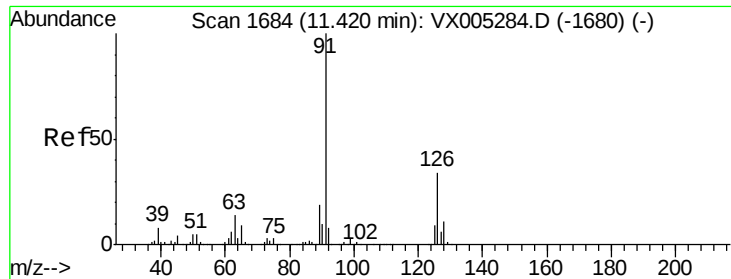
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.463 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 91 Resp: 152324

Ion Ratio Lower Upper

91 100

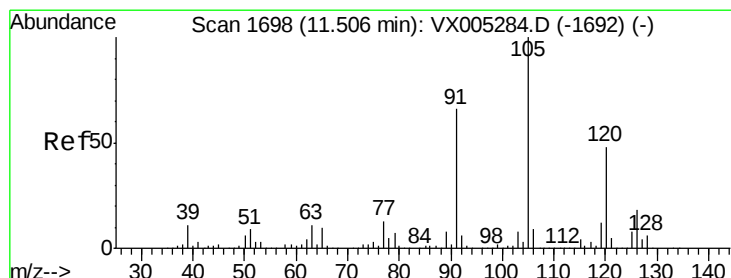
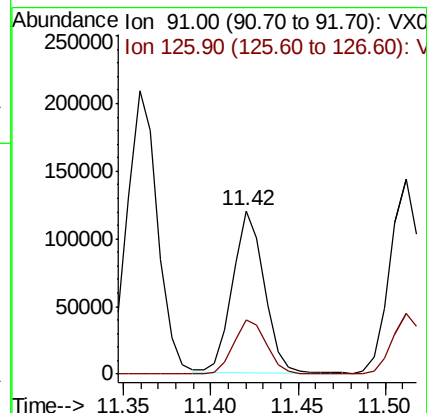
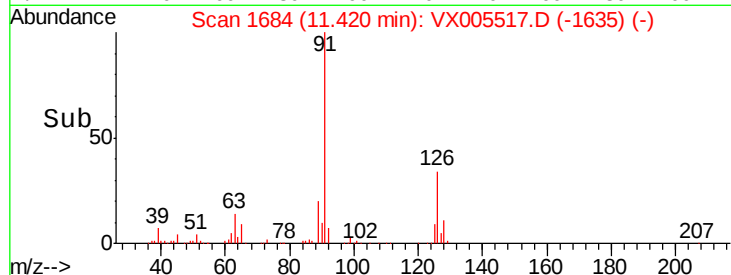
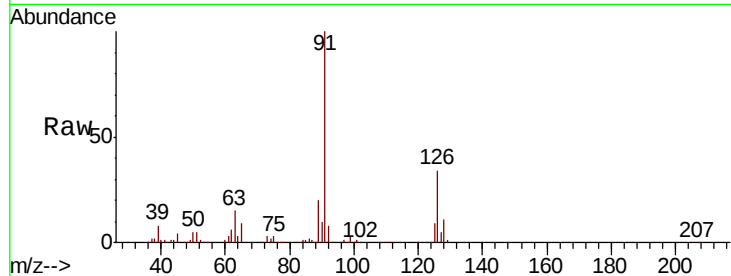
126 34.8 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.530 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005517.D

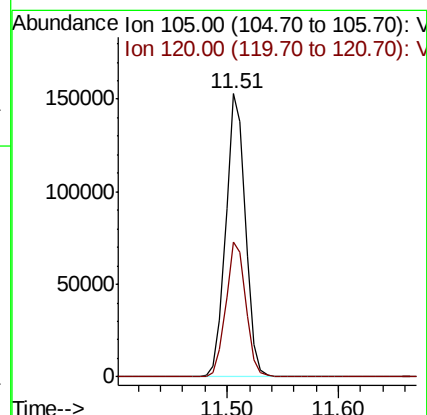
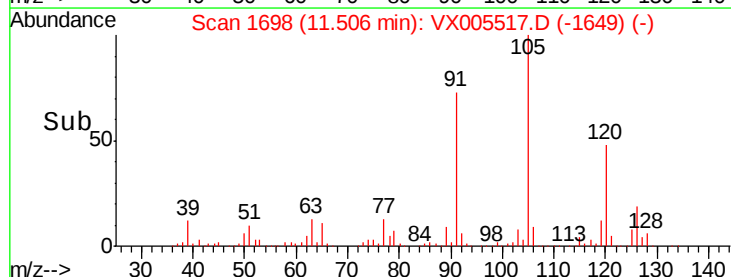
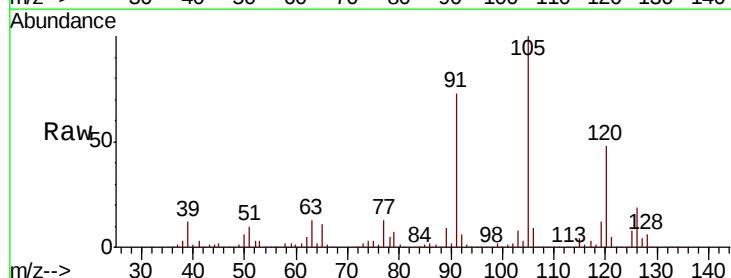
Acq: 23 Oct 2018 13:33

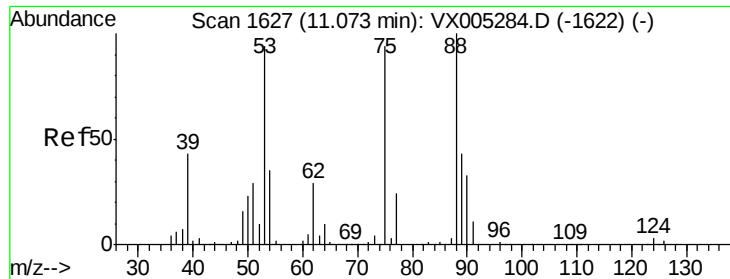
Tgt Ion: 105 Resp: 185672

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.380 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005517.D

Acq: 23 Oct 2018 13:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1023WBS01

Tot Ion: 75 Resp: 22039

Ion Ratio Lower Upper

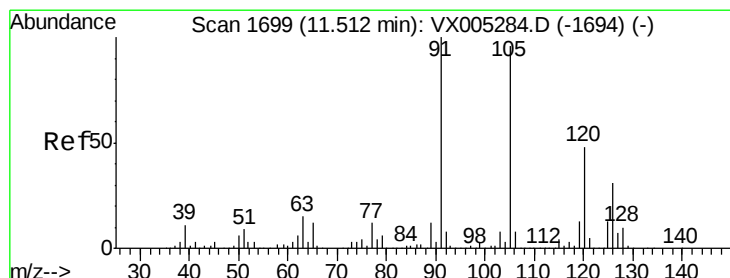
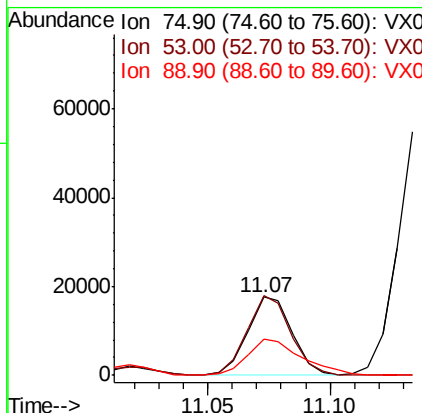
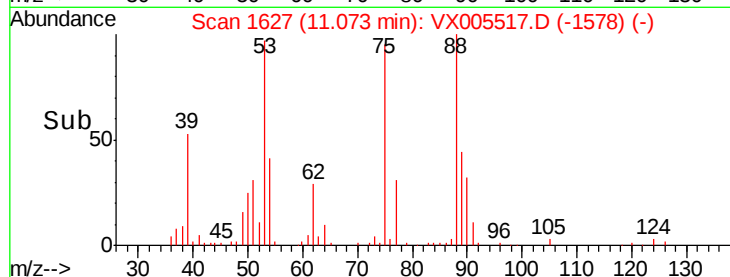
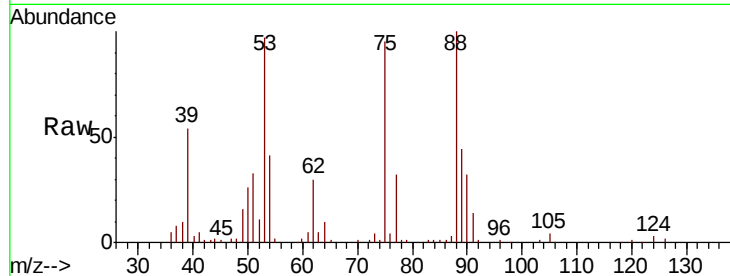
75 100

53 100.8 80.1 120.1

89 57.9 37.2 55.8#

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#82

4-Chlorotoluene

Concen: 21.347 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005517.D

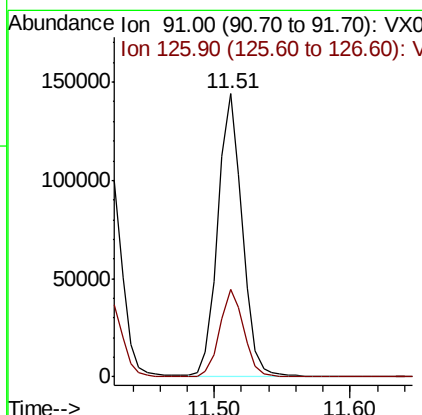
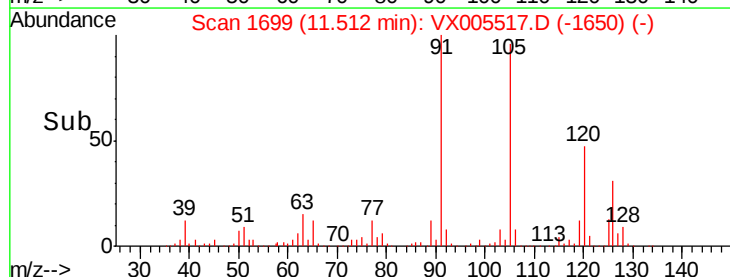
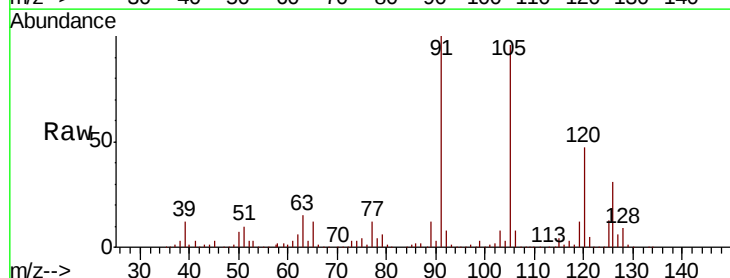
Acq: 23 Oct 2018 13:33

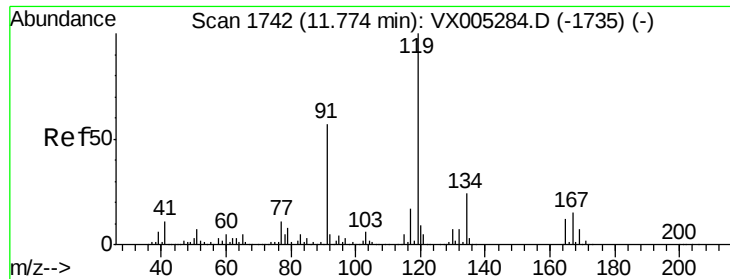
Tgt Ion: 91 Resp: 179590

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5





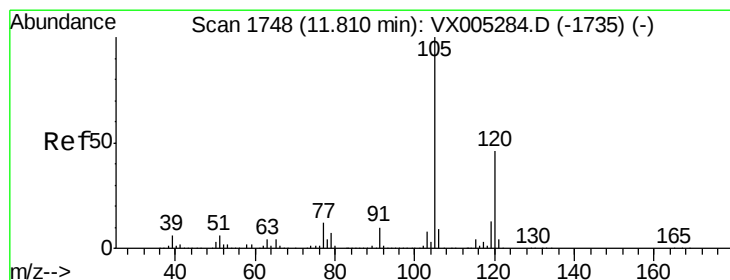
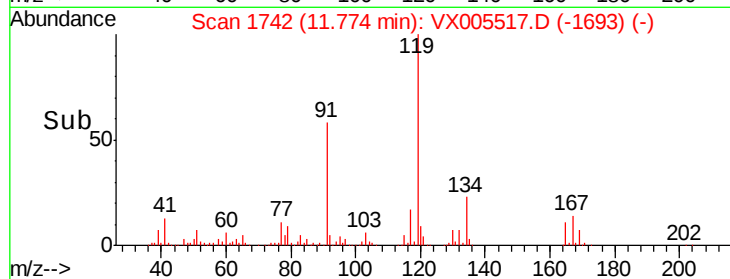
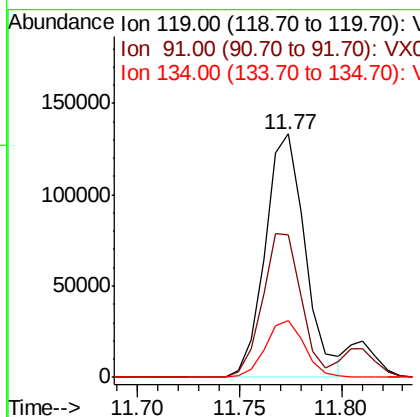
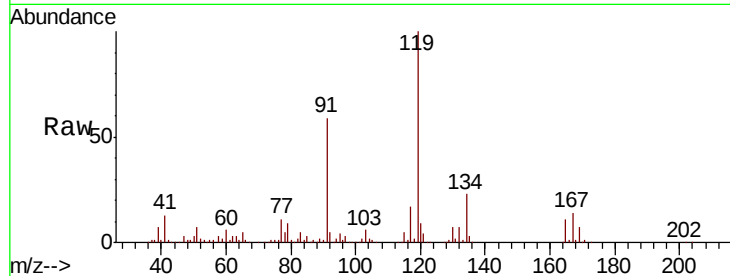
#83  
tert-Butylbenzene  
Concen: 20.876 ug/l  
RT: 11.77 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 182309 |       |       |
| 91      | 57.3  | 27.0   | 81.0  |       |
| 134     | 22.6  | 11.7   | 35.1  |       |

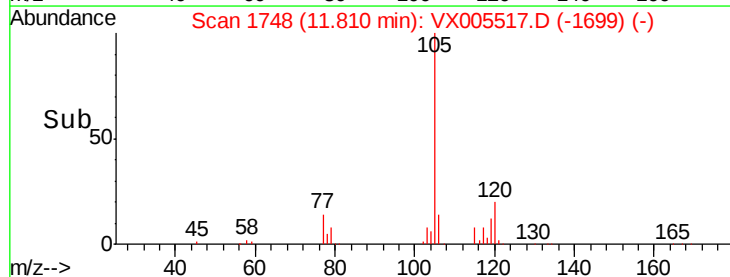
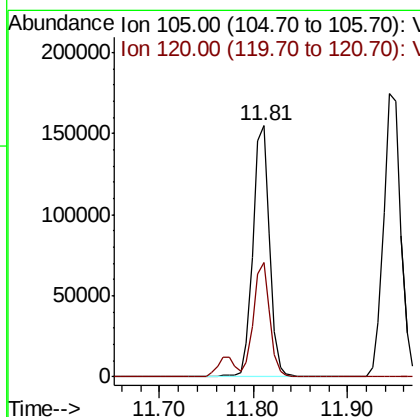
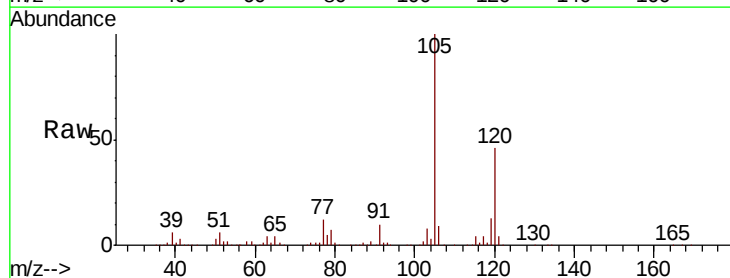
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#84  
1,2,4-Trimethylbenzene  
Concen: 21.765 ug/l  
RT: 11.81 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 193152 |       |       |
| 120     | 44.2  | 23.2   | 69.6  |       |





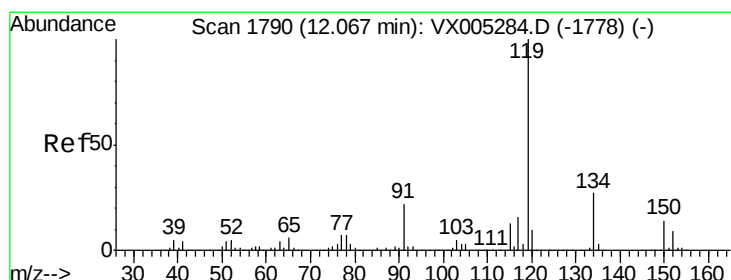
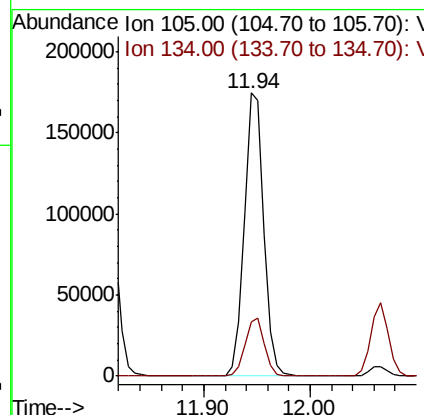
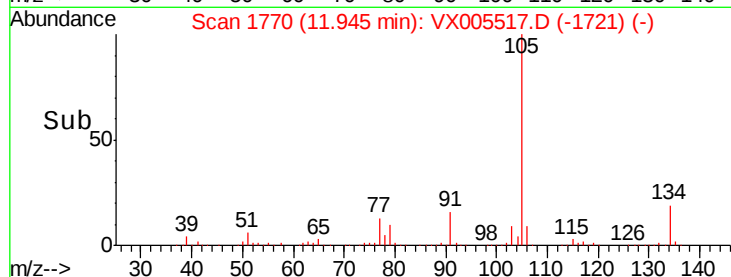
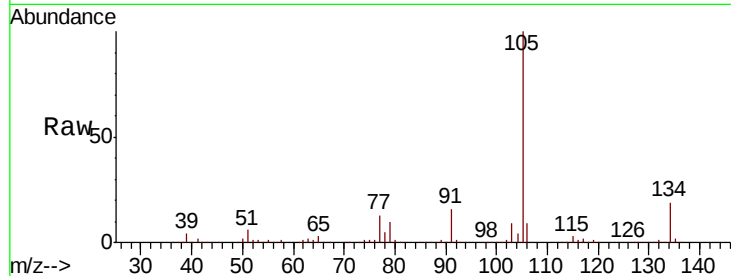
#85  
 sec-Butylbenzene  
 Concen: 21.648 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.3  | 10.5  | 31.5  |

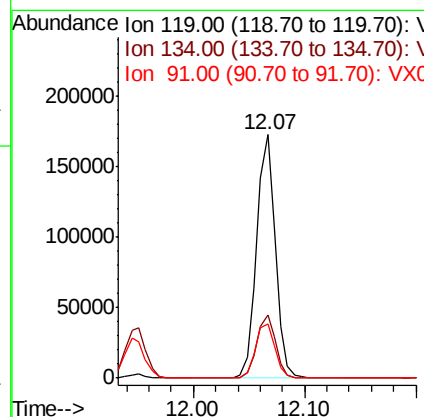
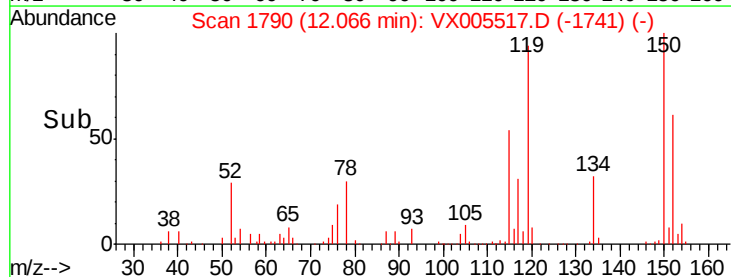
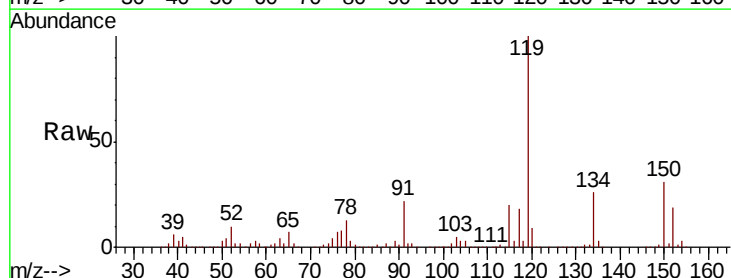
Manual Integrations  
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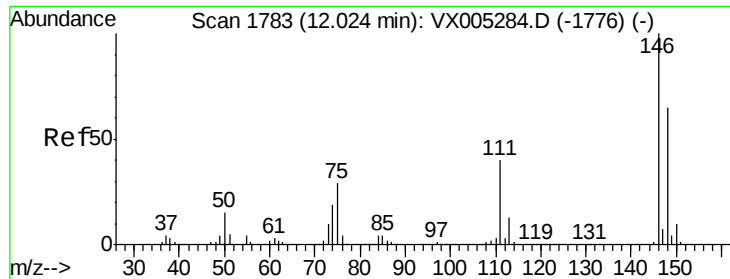
MMDadoda  
 10/24/2018 10:02:45 AM



#86  
 p-Isopropyltoluene  
 Concen: 21.642 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.1  | 13.4  | 40.2  |
| 91      | 23.6  | 10.9  | 32.7  |





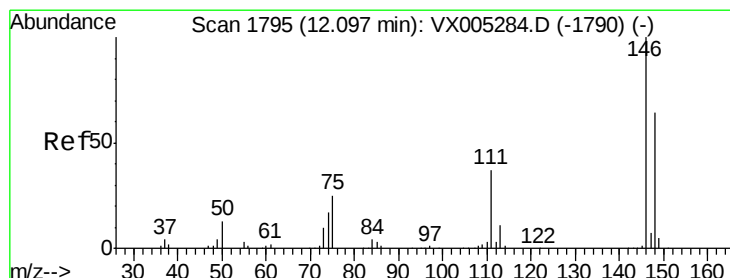
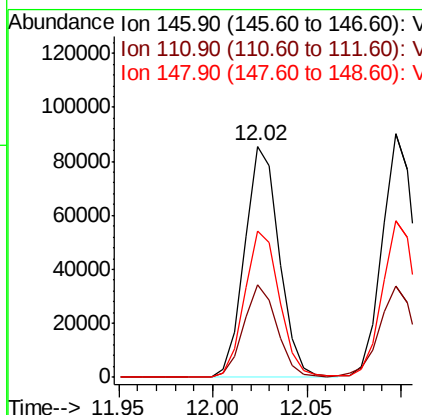
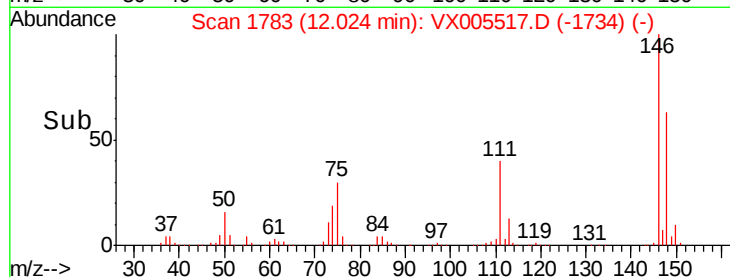
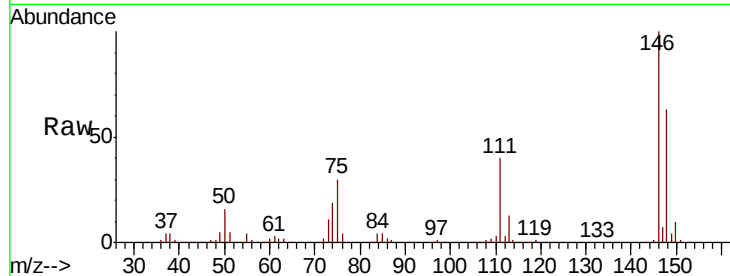
#87  
 1,3-Dichlorobenzene  
 Concen: 20.246 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 18.7  | 56.1  |
| 148     | 64.1  | 32.1  | 96.5  |

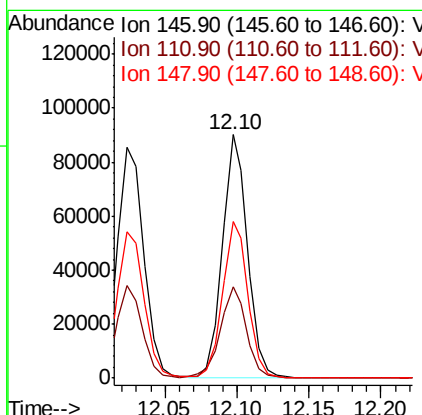
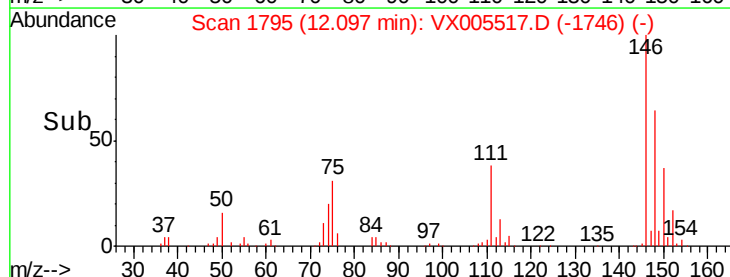
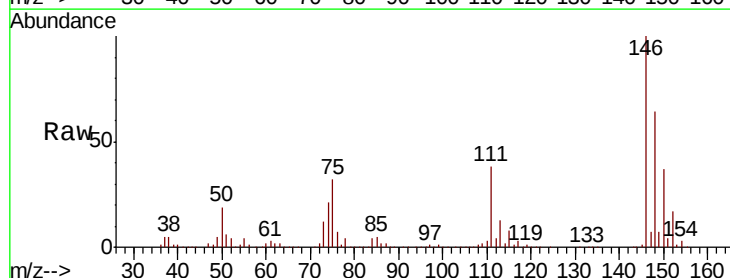
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.083 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 18.1  | 54.1  |
| 148     | 65.4  | 32.0  | 96.0  |





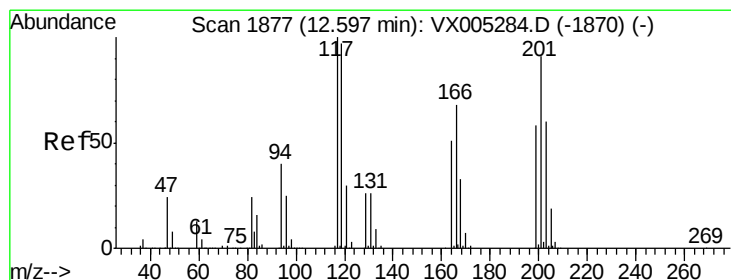
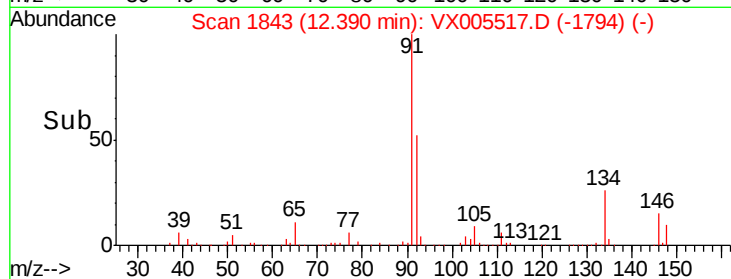
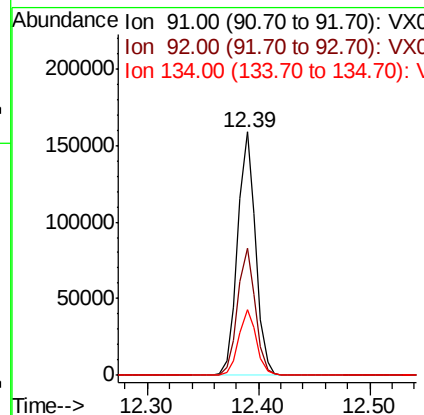
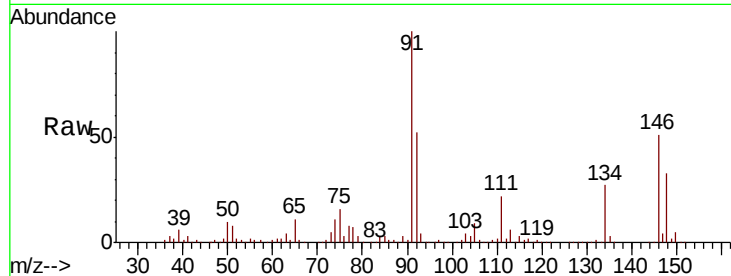
#89  
n-Butylbenzene  
Concen: 20.817 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.7  | 27.3  | 81.9  |
| 134     | 26.3  | 13.6  | 40.7  |

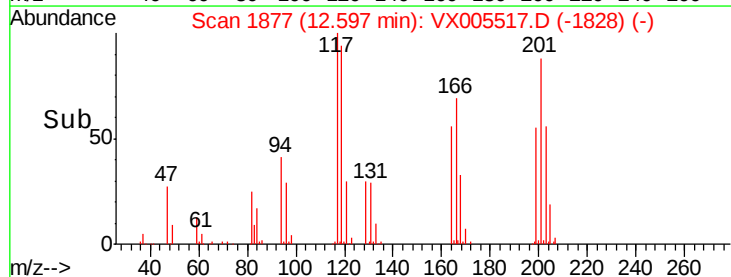
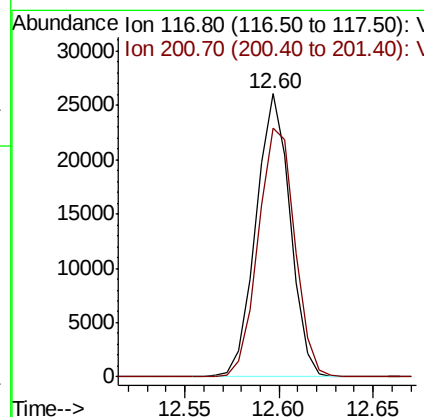
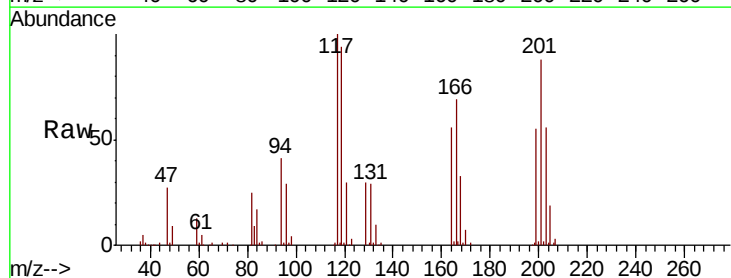
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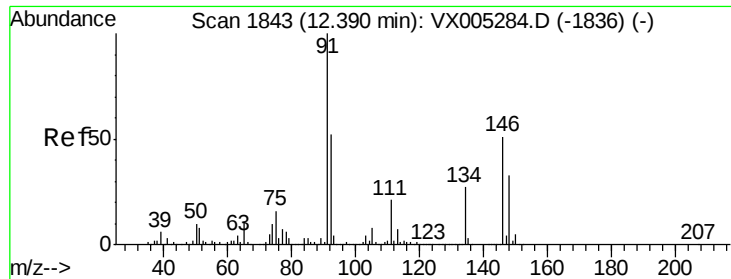
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#90  
Hexachloroethane  
Concen: 20.314 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 94.2  | 46.9  | 140.6 |





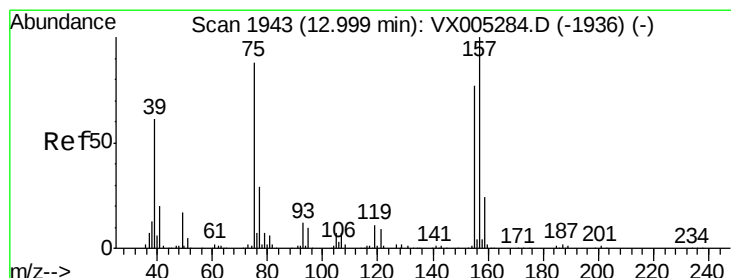
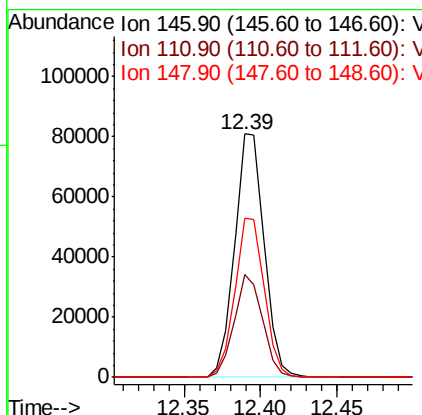
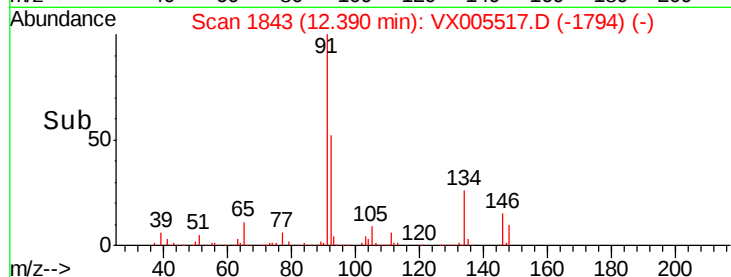
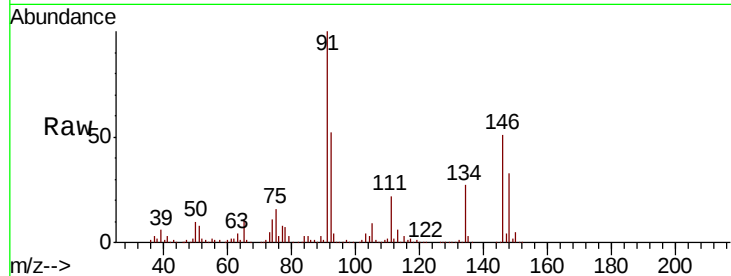
#91  
 1,2-Dichlorobenzene  
 Concen: 19.761 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 19.4  | 58.1  |
| 148     | 65.0  | 32.8  | 98.3  |

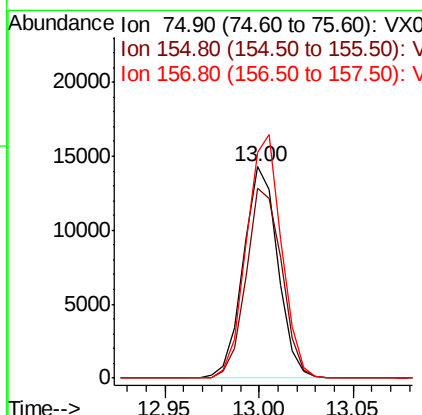
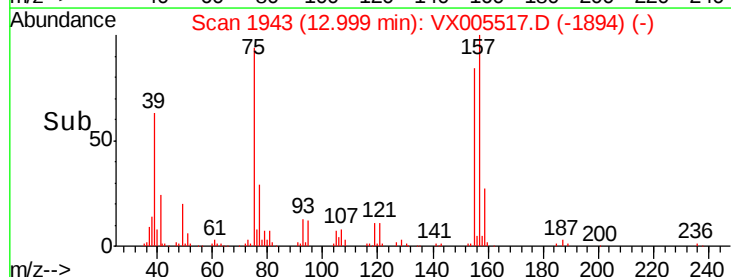
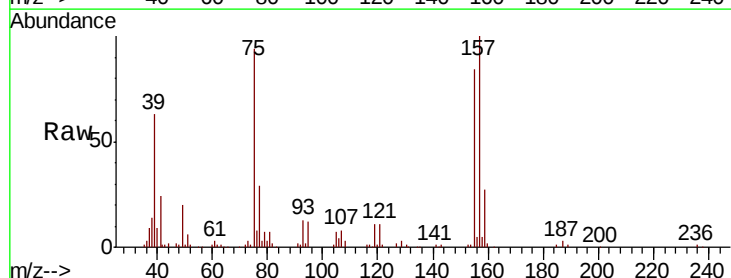
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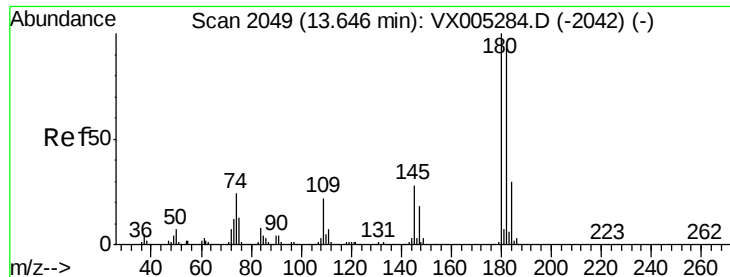
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.559 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.5  | 48.0  | 144.2 |
| 157     | 116.8 | 61.4  | 184.1 |





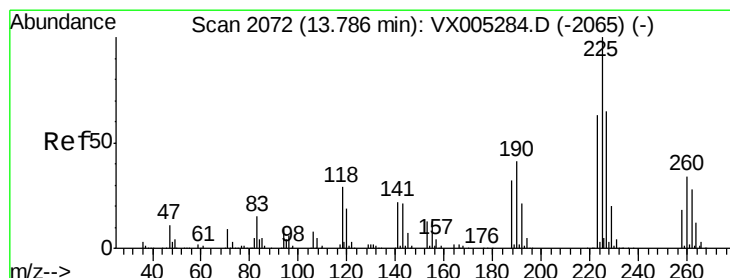
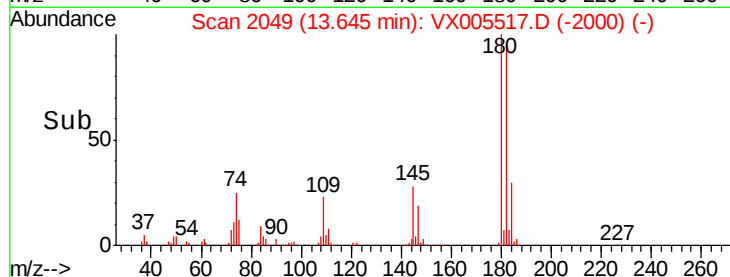
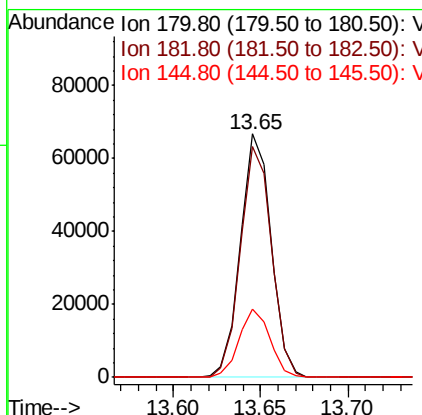
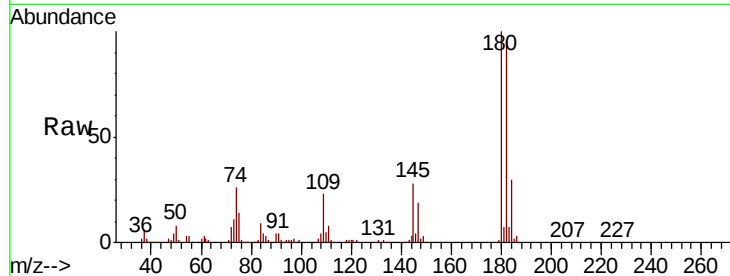
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.229 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 48.4  | 145.0 |
| 145     | 28.3  | 14.3  | 42.9  |

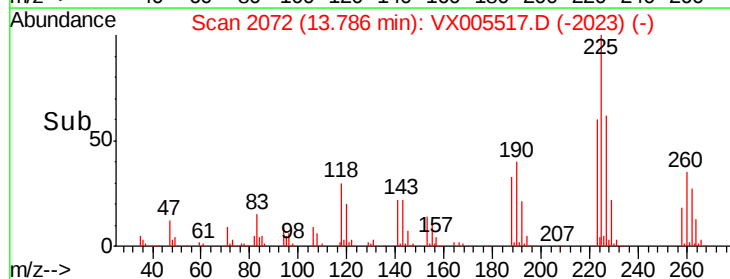
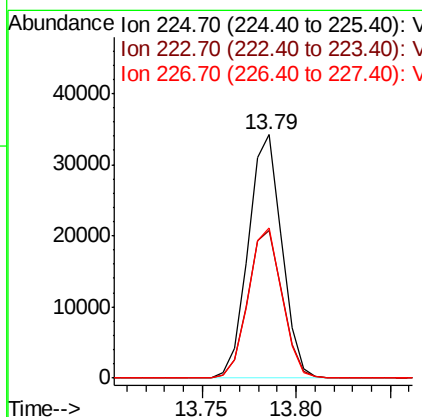
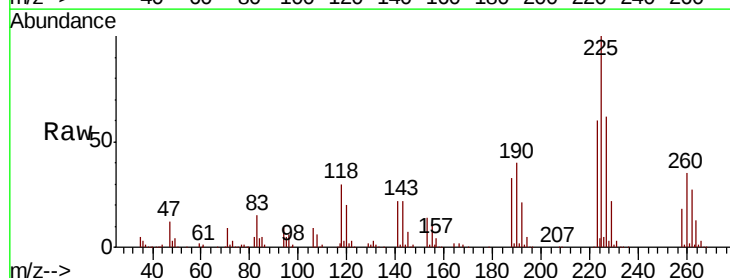
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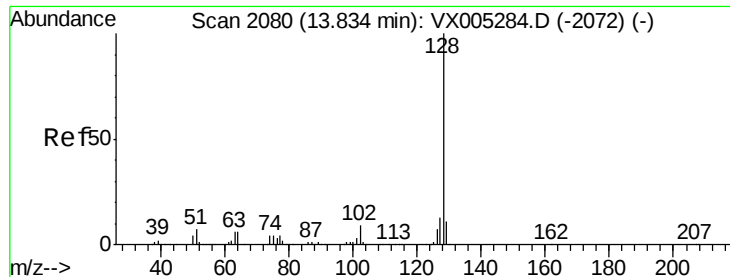
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#94  
 Hexachlorobutadiene  
 Concen: 19.818 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005517.D  
 Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 30.1  | 90.5  |
| 227     | 62.1  | 30.8  | 92.4  |





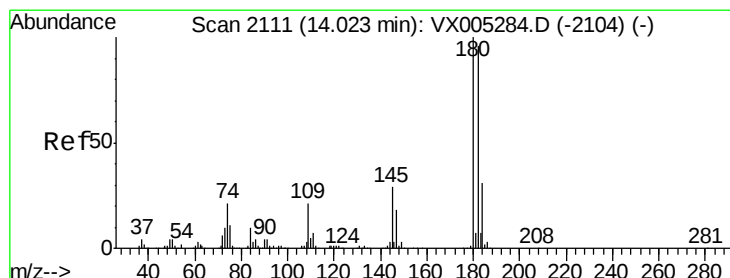
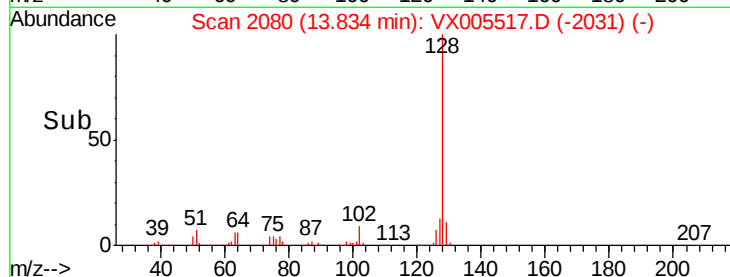
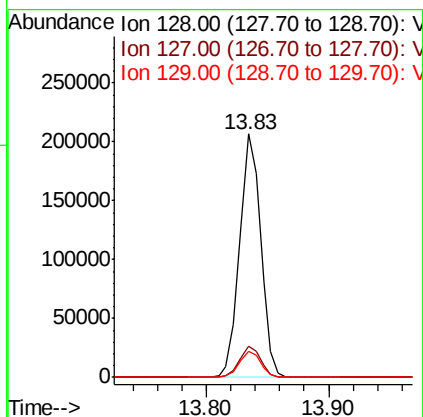
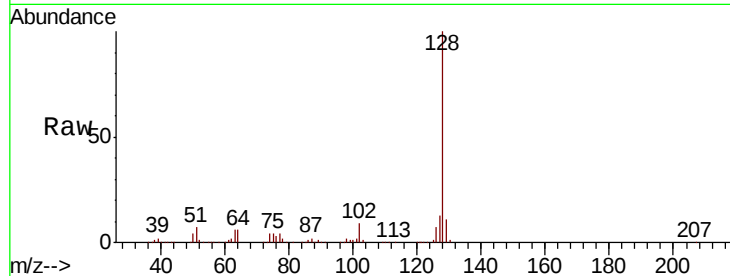
#95  
Naphthalene  
Concen: 21.066 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1023WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.2  | 15.2  |
| 129     | 10.8  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.557 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: VX005517.D  
Acq: 23 Oct 2018 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 48.5  | 145.6 |
| 145     | 29.4  | 14.9  | 44.9  |

