

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW052121\  
 Data File : VW021372.D  
 Acq On : 21 May 2021 20:38  
 Operator : SY/MD  
 Sample : M2494-18MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 22 01:41:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 21 12:12:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 275148   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 253958   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 143388   | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 79860    | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.20%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 69203    | 4.76     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 140419   | 4.67     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.40%   |
| 20) 2-Butanone-d5             | 3.905  | 46    | 243131   | 50.69    | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.38%  |
| 24) Chloroform-d              | 4.352  | 84    | 178082   | 4.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 83962    | 4.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.00%   |
| 32) Benzene-d6                | 5.053  | 84    | 357466   | 4.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 109783   | 4.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.60%   |
| 41) Toluene-d8                | 7.316  | 98    | 328974   | 4.65     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.00%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 45197    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.20%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 181862   | 51.96    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.92%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 72107    | 5.10     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 140348   | 4.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.40%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 97217    | 4.70     | ug/L   | 99       |
| 3) Chloromethane              | 1.240  | 50    | 89945    | 4.78     | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307  | 62    | 93763    | 4.94     | ug/L   | 99       |
| 6) Bromomethane               | 1.519  | 94    | 61007    | 4.87     | ug/L   | 96       |
| 8) Chloroethane               | 1.584  | 64    | 55174    | 4.91     | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 132636   | 4.80     | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 73345    | 4.66     | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 78352    | 5.16     | ug/L   | 96       |
| 13) Acetone                   | 2.198  | 43    | 123362   | 47.53    | ug/L   | 60       |
| 14) Carbon disulfide          | 2.291  | 76    | 253930   | 4.77     | ug/L   | 99       |
| 15) Methyl Acetate            | 2.445  | 43    | 31803    | 5.27     | ug/L   | 100      |
| 16) Methylene chloride        | 2.506  | 84    | 88479    | 4.09     | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 212799   | 4.86     | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96    | 90234    | 4.85     | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 164692   | 5.04     | ug/L   | 100      |
| 21) 2-Butanone                | 3.989  | 43    | 220221   | 47.73    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 98626    | 4.85     | ug/L   | 99       |
| 23) Bromochloromethane        | 4.252  | 128   | 44445    | 4.89     | ug/L   | 99       |
| 25) Chloroform                | 4.378  | 83    | 161969   | 4.71     | ug/L   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052121\  
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 Sample : M2494-18MS  
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 ALS Vial : 28 Sample Multiplier: 1

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 MSVOA\_V  
 ClientSampleId :

Quant Time: May 22 01:41:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 21 12:12:53 2021  
 Response via : Initial Calibration

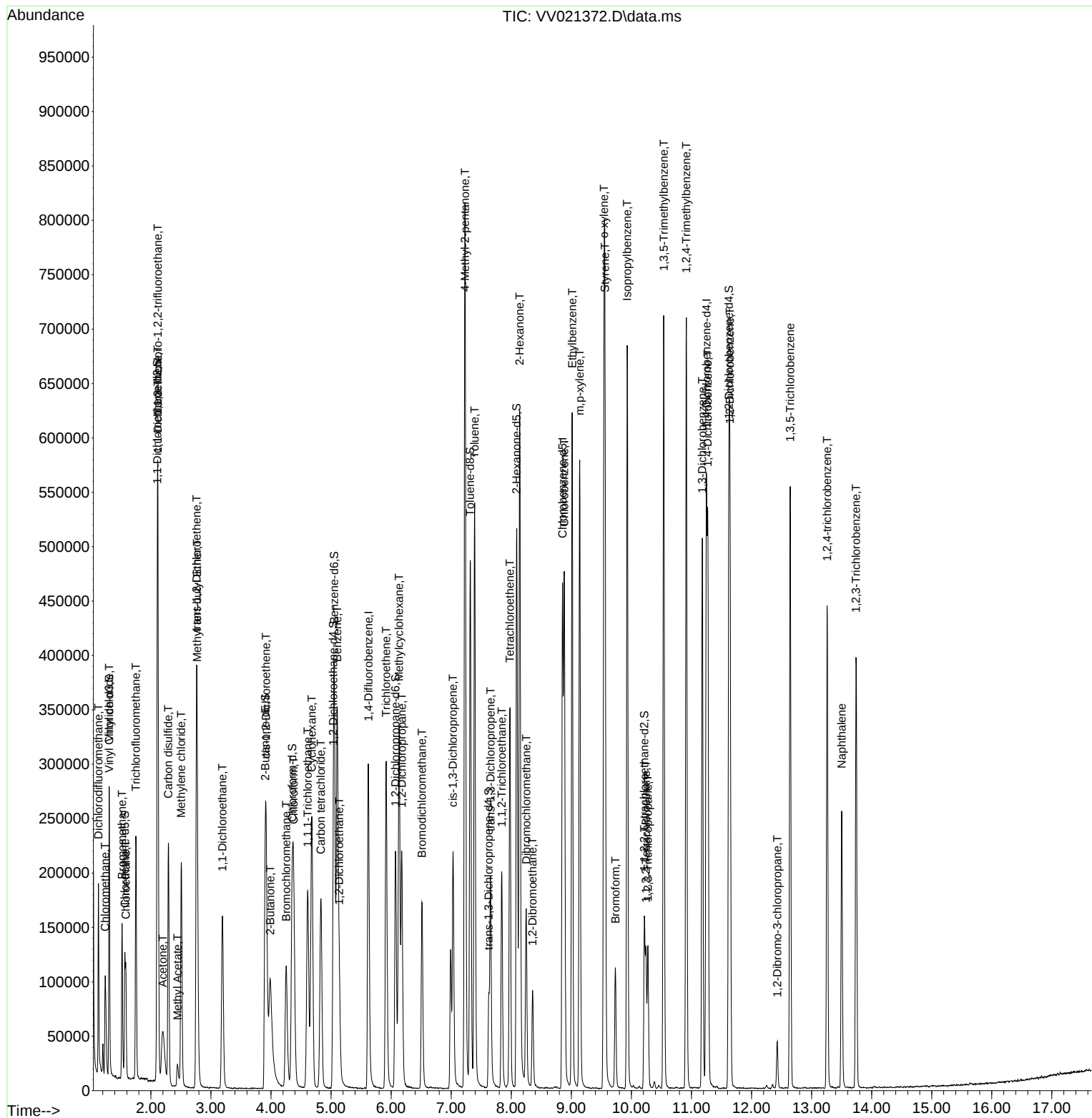
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 90480    | 4.78  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.612  | 97   | 155533   | 4.99  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 147103   | 4.79  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 136377   | 4.90  | ug/L  | 100      |
| 33) Benzene                   | 5.101  | 78   | 356090   | 4.97  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 104165   | 4.81  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 147758   | 4.50  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 89392    | 5.06  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 118140   | 4.90  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 136005   | 4.80  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 546274   | 49.13 | ug/L  | 97       |
| 42) Toluene                   | 7.390  | 91   | 399521   | 4.98  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 113091   | 4.73  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 62814    | 4.78  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.979  | 164  | 85261    | 4.82  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.140  | 43   | 398509   | 49.44 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.249  | 129  | 86021    | 4.87  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 62007    | 4.90  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.882  | 112  | 260802   | 4.93  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.014  | 91   | 436730   | 4.90  | ug/L  | 100      |
| 53) m,p-xylene                | 9.140  | 106  | 168997   | 4.93  | ug/L  | 99       |
| 54) o-xylene                  | 9.545  | 106  | 165241   | 4.94  | ug/L  | 97       |
| 55) Styrene                   | 9.561  | 104  | 275788   | 4.91  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.242 | 83   | 60110    | 5.06  | ug/L  | 99       |
| 59) Bromoform                 | 9.734  | 173  | 52830    | 4.89  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 451756   | 4.90  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 53477    | 5.02  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 382372   | 4.85  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 396749   | 4.91  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 212757   | 4.80  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 214946   | 4.84  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 198510   | 4.84  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 10313    | 4.85  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 181326   | 4.72  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 145037   | 4.81  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 205772   | 5.00  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 129407   | 4.88  | ug/L  | 99       |

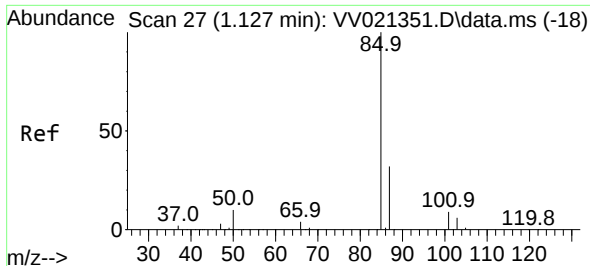
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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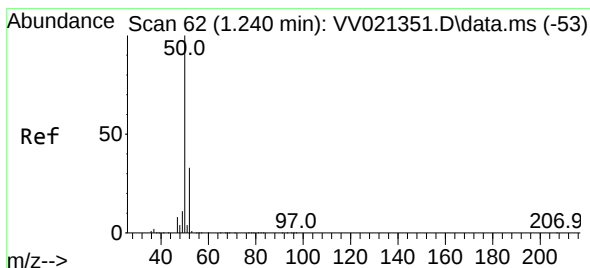
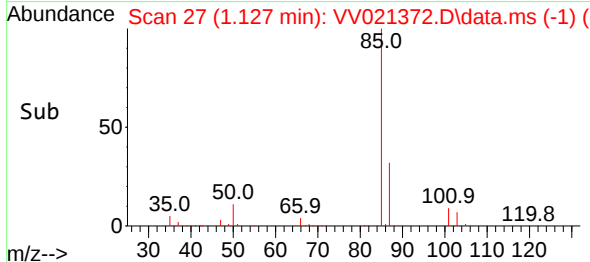
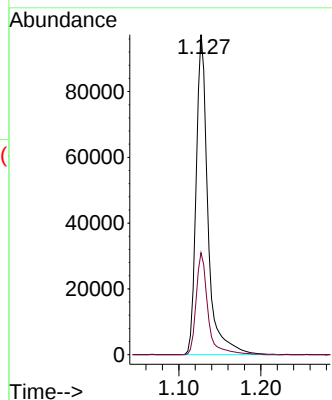
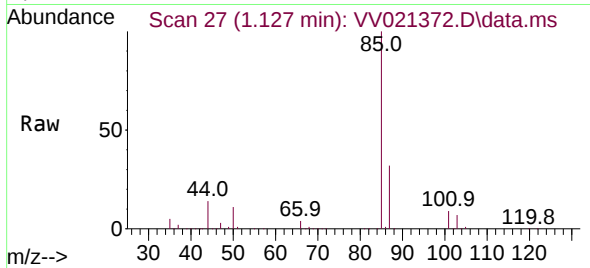




#2  
Dichlorodifluoromethane  
Concen: 4.70 ug/L  
RT: 1.127 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

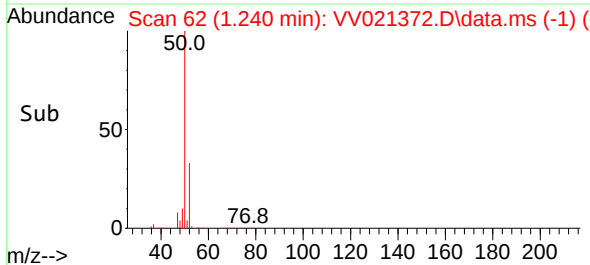
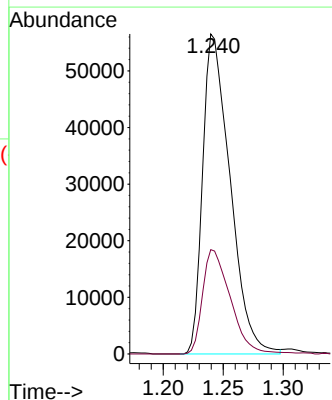
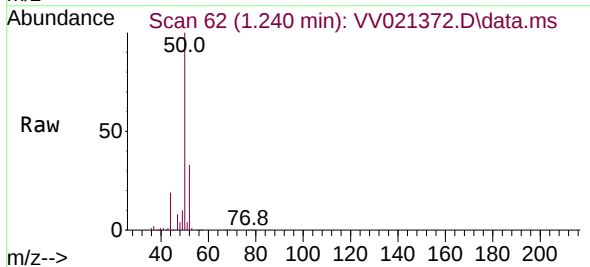
Instrument :  
MSVOA\_V  
ClientSampled :

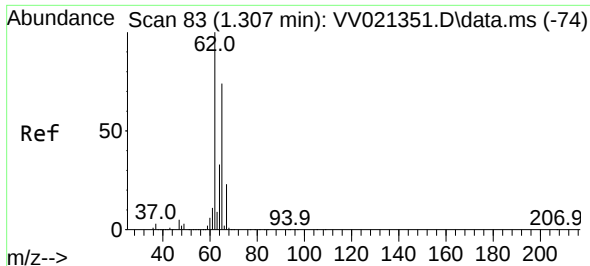
Tgt Ion: 85 Resp: 97217  
Ion Ratio Lower Upper  
85 100  
87 31.8 25.7 38.5



#3  
Chloromethane  
Concen: 4.78 ug/L  
RT: 1.240 min Scan# 62  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 50 Resp: 89945  
Ion Ratio Lower Upper  
50 100  
52 32.6 22.5 41.9

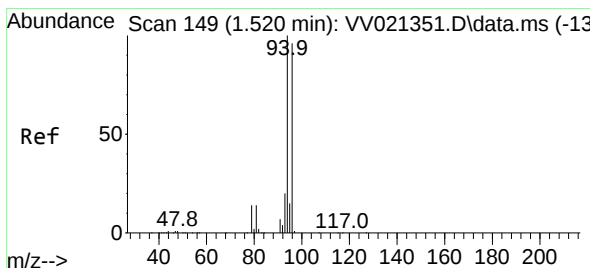
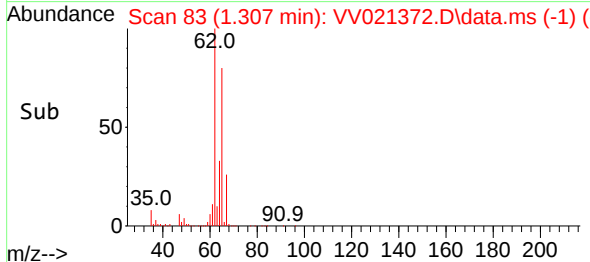
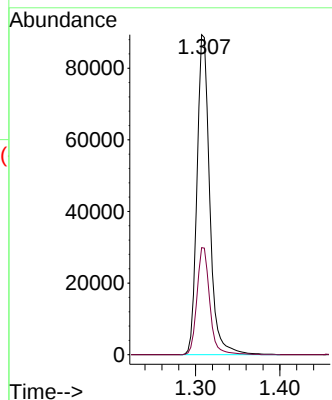
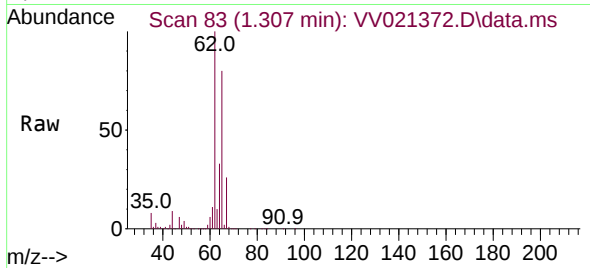




#5  
 Vinyl chloride  
 Concen: 4.94 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VV021372.D  
 Acq: 21 May 2021 20:38

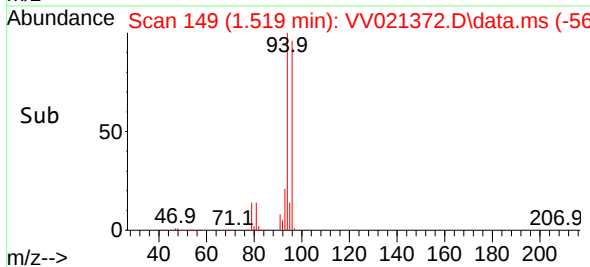
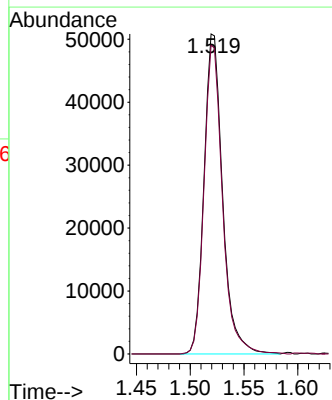
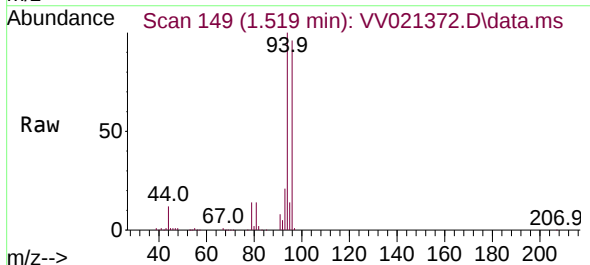
Instrument :  
 MSVOA\_V  
 ClientSampled :

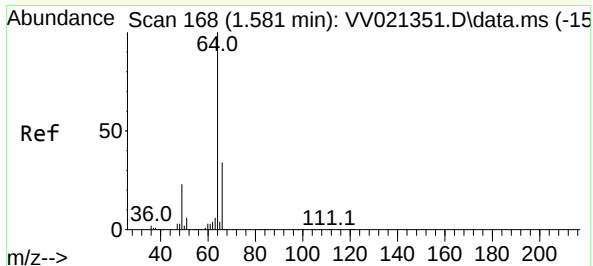
Tgt Ion: 62 Resp: 93763  
 Ion Ratio Lower Upper  
 62 100  
 64 33.4 22.8 42.4



#6  
 Bromomethane  
 Concen: 4.87 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.000 min  
 Lab File: VV021372.D  
 Acq: 21 May 2021 20:38

Tgt Ion: 94 Resp: 61007  
 Ion Ratio Lower Upper  
 94 100  
 96 96.4 65.0 120.6

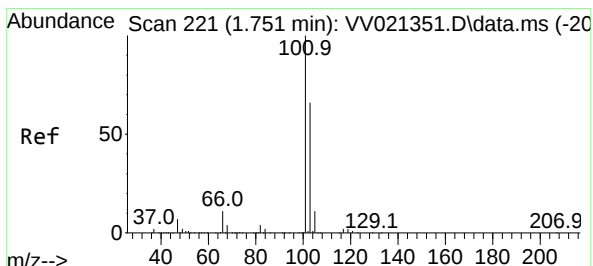
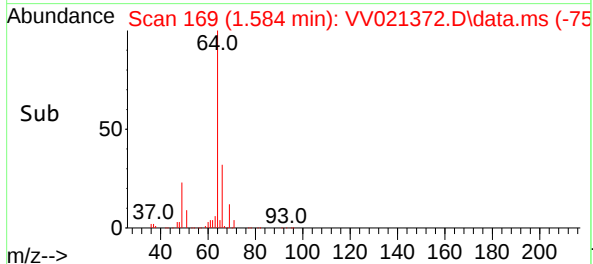
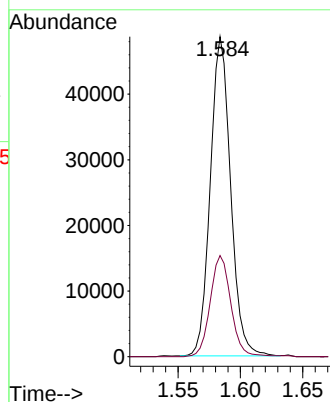
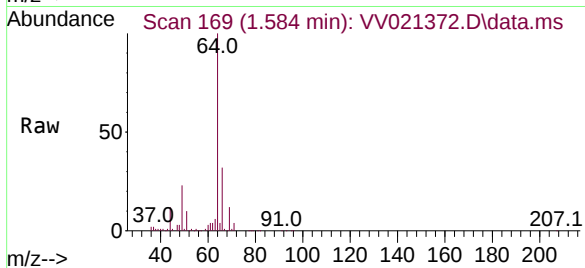




#8  
Chloroethane  
Concen: 4.91 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

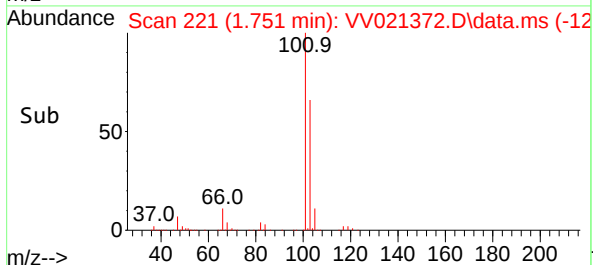
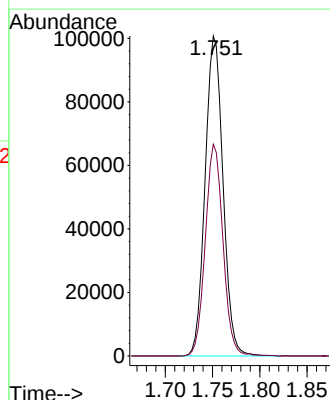
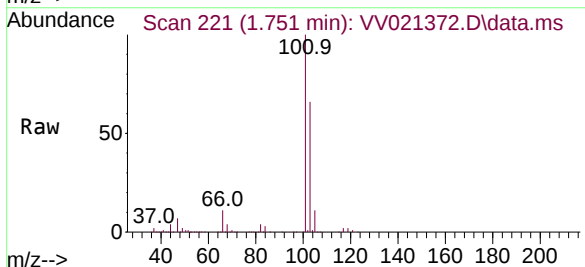
Instrument :  
MSVOA\_V  
ClientSampled :

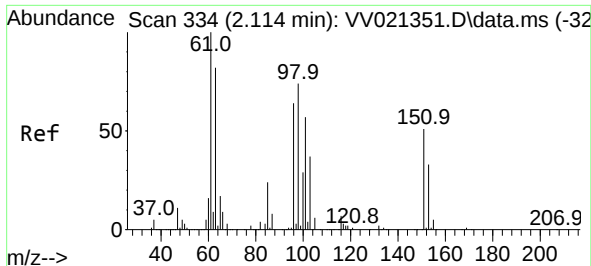
Tgt Ion: 64 Resp: 55174  
Ion Ratio Lower Upper  
64 100  
66 31.6 22.3 41.5



#9  
Trichlorofluoromethane  
Concen: 4.80 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 101 Resp: 132636  
Ion Ratio Lower Upper  
101 100  
103 65.5 51.9 77.9

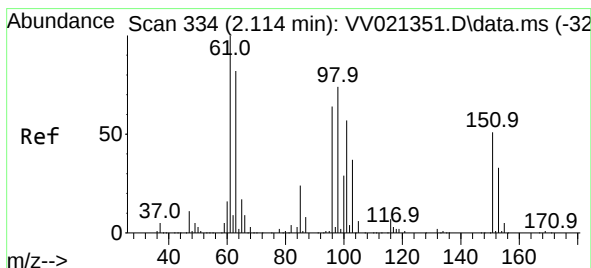
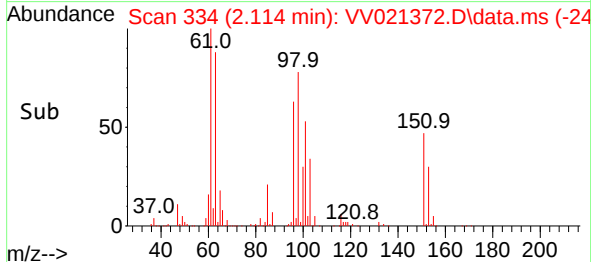
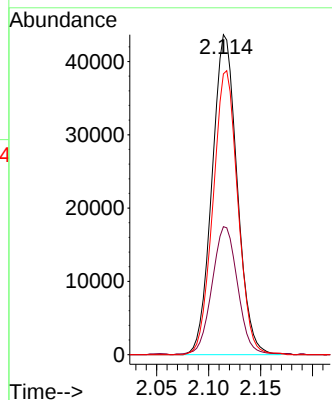
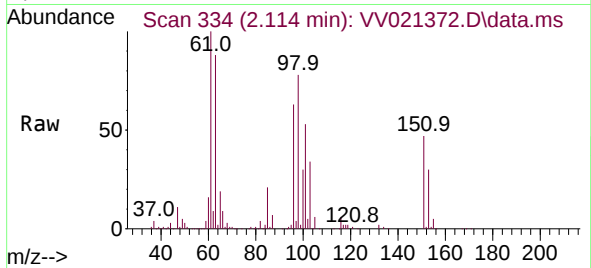




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 4.66 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

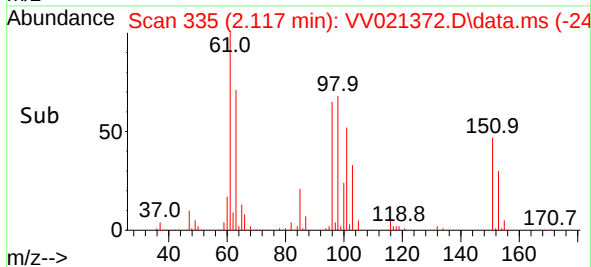
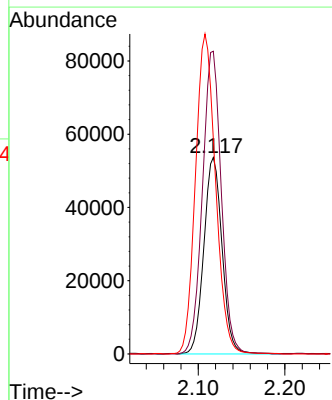
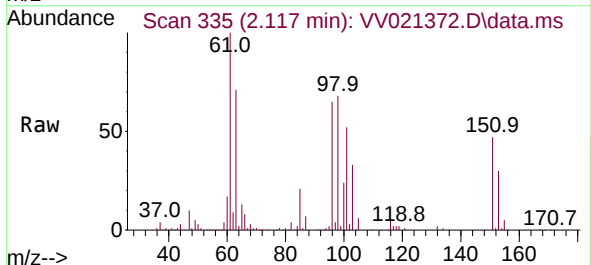
Instrument :  
MSVOA\_V  
ClientSampleId :

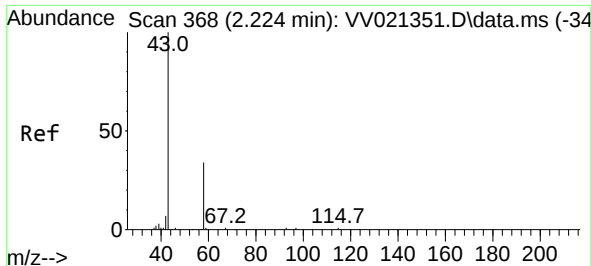
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Ion Ratio Lower Upper  
101 100  
85 41.0 33.0 49.6  
151 87.5 64.2 96.2



#12  
1,1-Dichloroethene  
Concen: 5.16 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 96 Resp: 78352  
Ion Ratio Lower Upper  
96 100  
61 154.1 109.8 204.0  
63 109.4 71.3 132.3

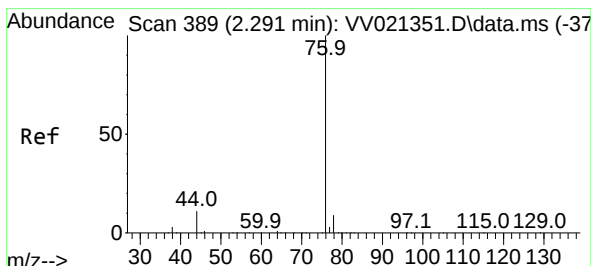
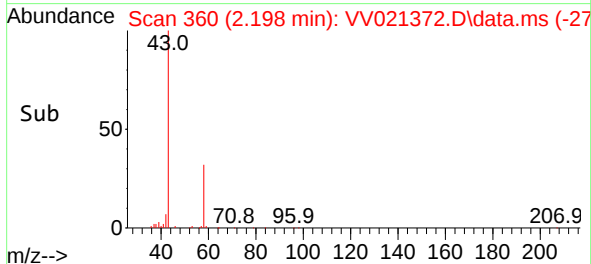
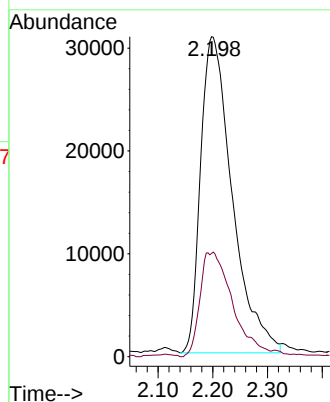
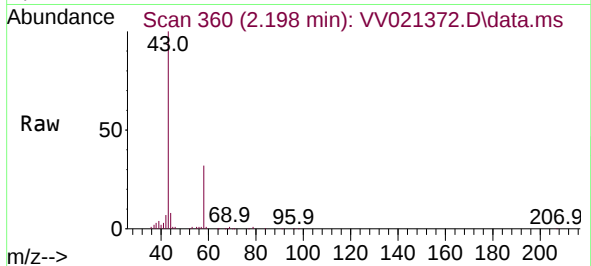




#13  
Acetone  
Concen: 47.53 ug/L  
RT: 2.198 min Scan# 360  
Delta R.T. -0.026 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

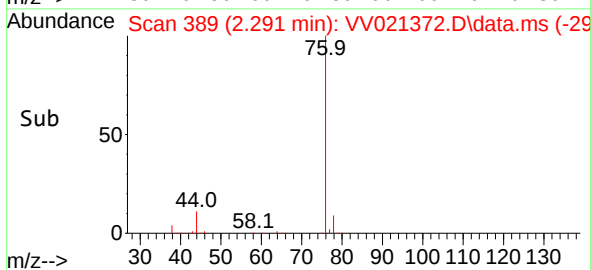
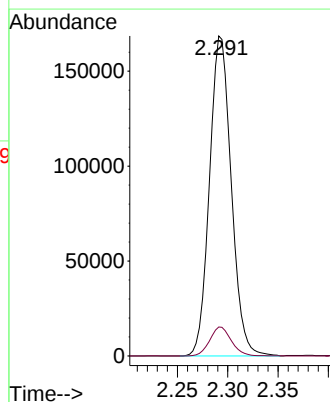
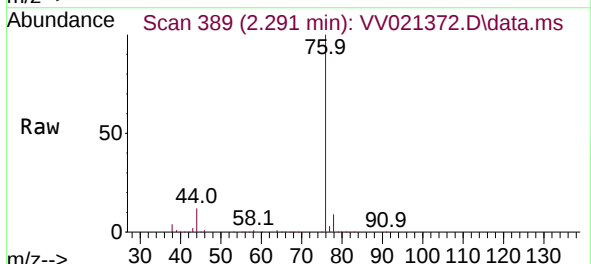
Instrument :  
MSVOA\_V  
ClientSampled :

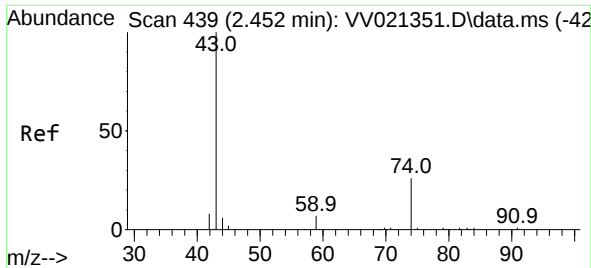
Tgt Ion: 43 Resp: 123362  
Ion Ratio Lower Upper  
43 100  
58 11.1 0.0 67.4



#14  
Carbon disulfide  
Concen: 4.77 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 76 Resp: 253930  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3

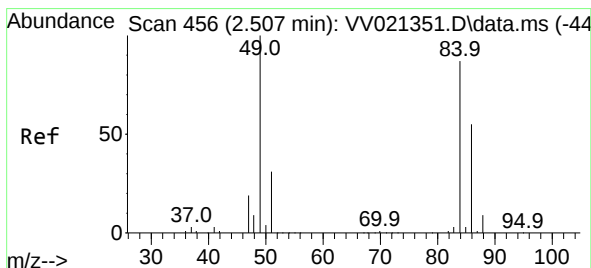
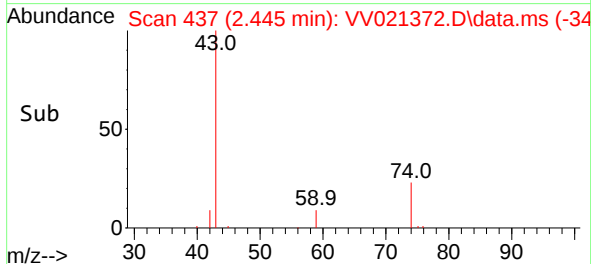
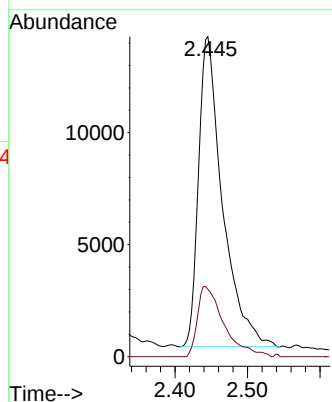
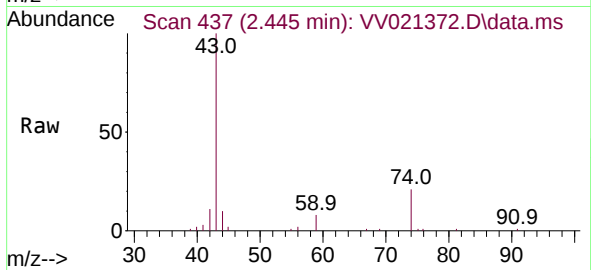




#15  
Methyl Acetate  
Concen: 5.27 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. -0.007 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

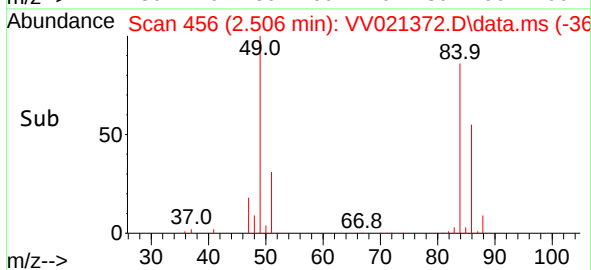
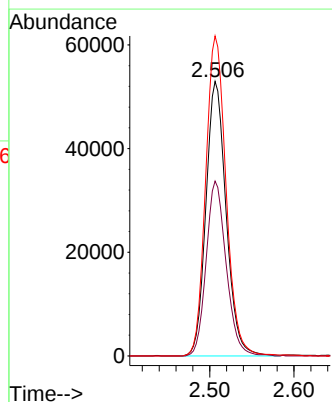
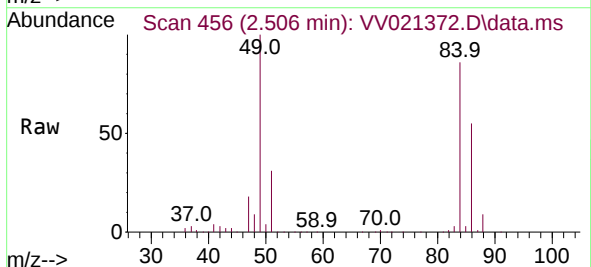
Instrument :  
MSVOA\_V  
ClientSampled :

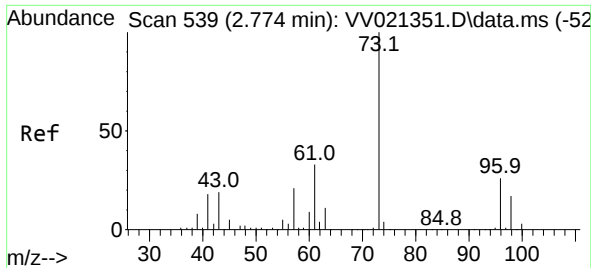
Tgt Ion: 43 Resp: 31803  
Ion Ratio Lower Upper  
43 100  
74 24.9 20.1 30.1



#16  
Methylene chloride  
Concen: 4.09 ug/L  
RT: 2.506 min Scan# 456  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 84 Resp: 88479  
Ion Ratio Lower Upper  
84 100  
86 63.7 47.2 87.6  
49 116.6 81.9 152.1

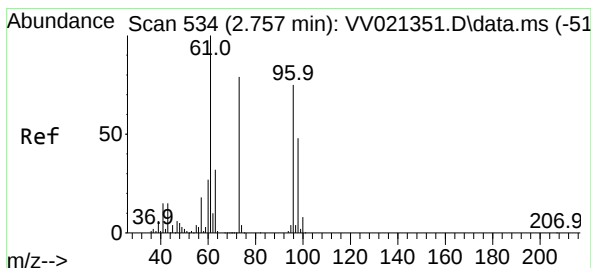
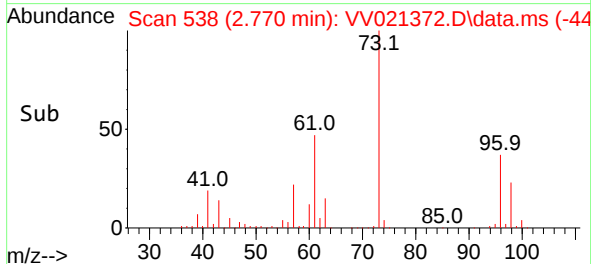
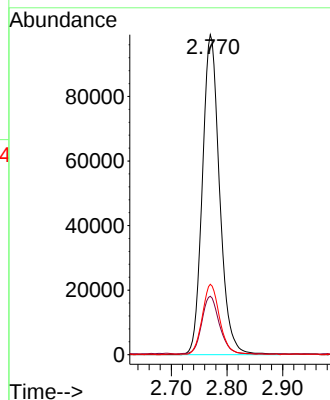
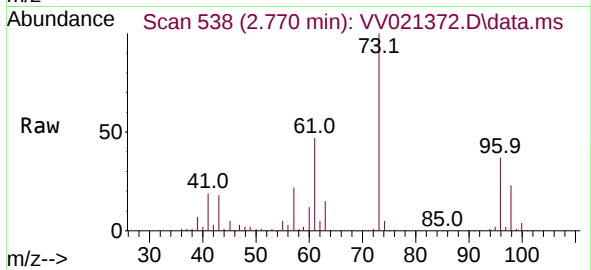




#17  
Methyl tert-butyl Ether  
Concen: 4.86 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. -0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

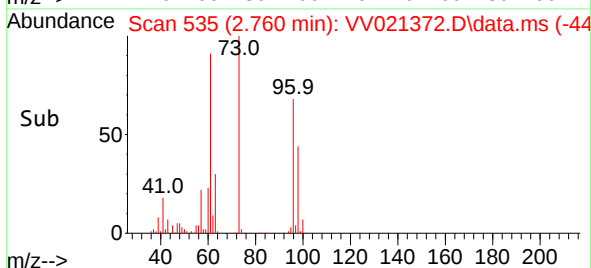
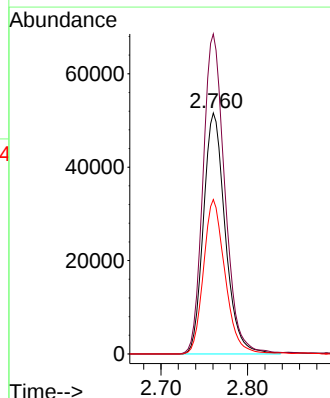
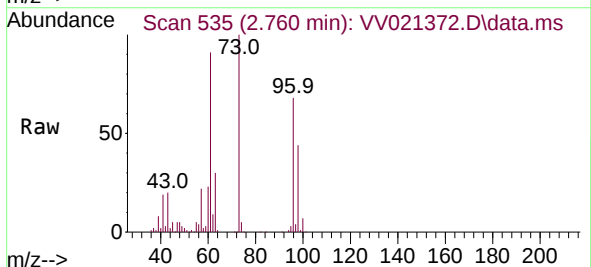
Instrument :  
MSVOA\_V  
ClientSampled :

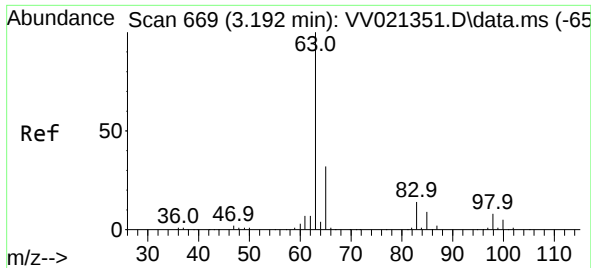
Tgt Ion: 73 Resp: 212799  
Ion Ratio Lower Upper  
73 100  
43 18.3 15.3 22.9  
57 21.8 17.0 25.6



#18  
trans-1,2-Dichloroethene  
Concen: 4.85 ug/L  
RT: 2.760 min Scan# 535  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 96 Resp: 90234  
Ion Ratio Lower Upper  
96 100  
61 132.8 94.1 174.8  
98 64.0 45.0 83.6

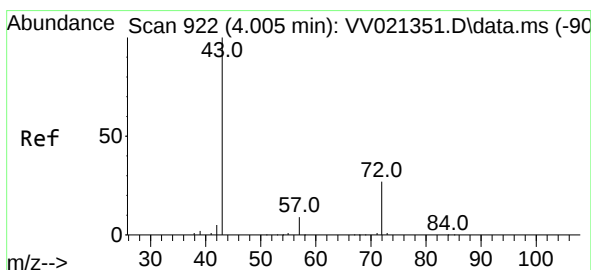
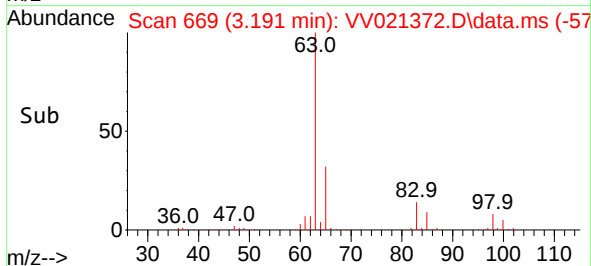
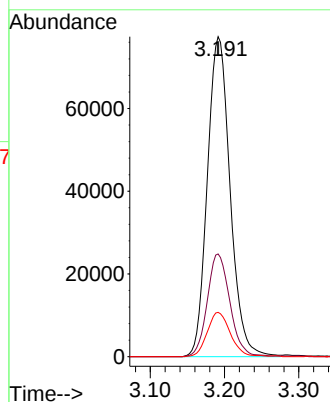
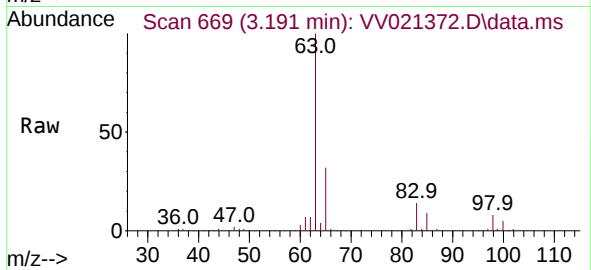




#19  
1,1-Dichloroethane  
Concen: 5.04 ug/L  
RT: 3.191 min Scan# 669  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

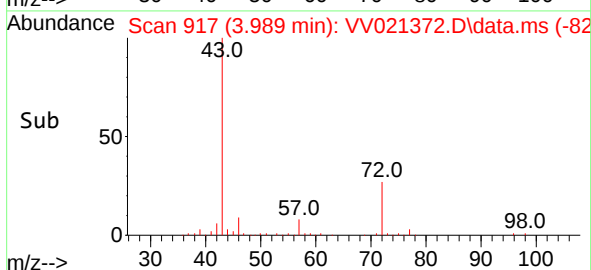
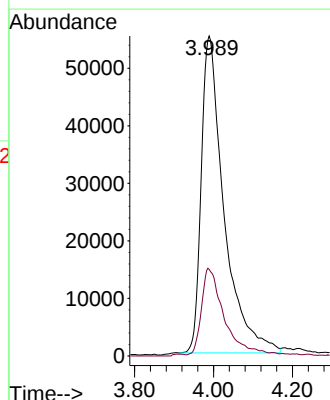
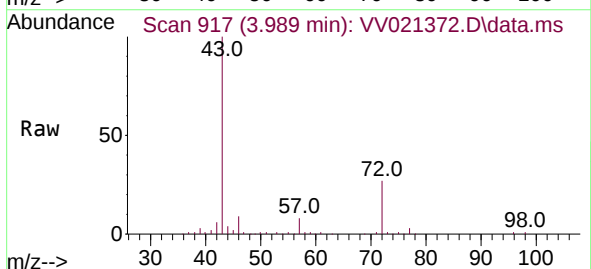
Instrument :  
MSVOA\_V  
ClientSampleId :

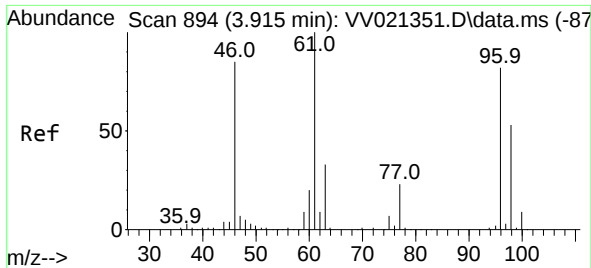
|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion: 63 | Resp: 164692 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 63          | 100          |       |      |
| 65          | 32.1         | 22.3  | 41.5 |
| 83          | 13.9         | 9.7   | 17.9 |



#21  
2-Butanone  
Concen: 47.73 ug/L  
RT: 3.989 min Scan# 917  
Delta R.T. -0.016 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 220221 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 72 26.9     | 14.5 43.5    |

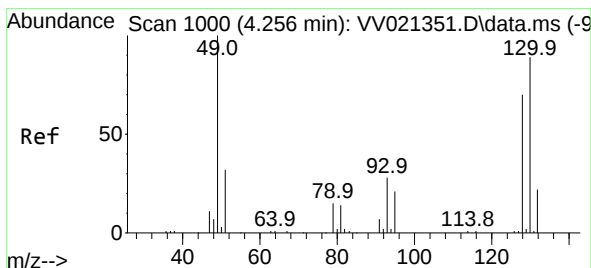
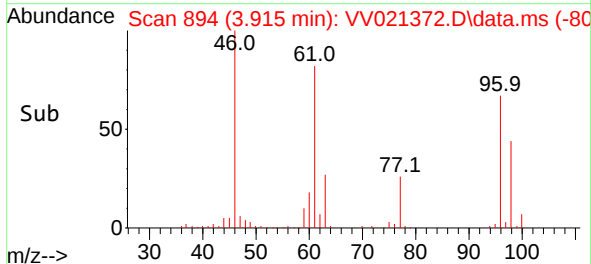
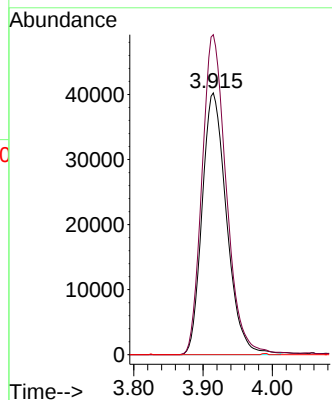
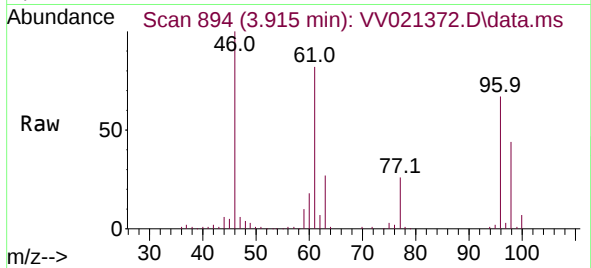




#22  
cis-1,2-Dichloroethene  
Concen: 4.85 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

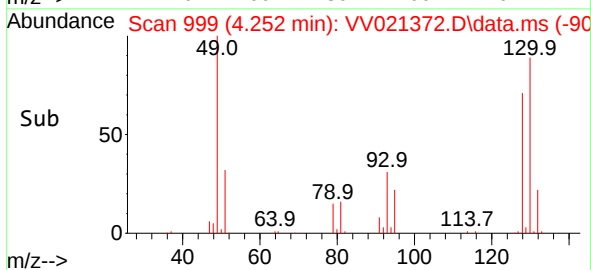
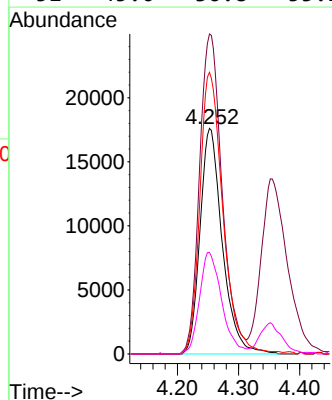
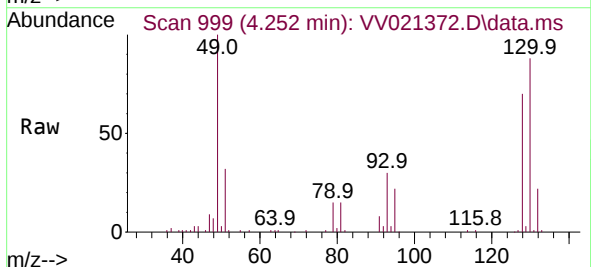
Instrument :  
MSVOA\_V  
ClientSampleId :

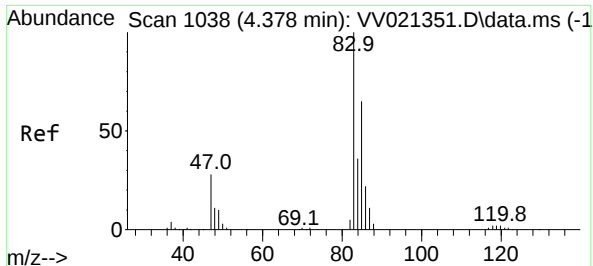
Tgt Ion: 96 Resp: 98626  
Ion Ratio Lower Upper  
96 100  
61 122.2 84.6 157.2  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 4.89 ug/L  
RT: 4.252 min Scan# 999  
Delta R.T. -0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:128 Resp: 44445  
Ion Ratio Lower Upper  
128 100  
49 141.9 100.0 185.8  
130 124.9 87.4 162.2  
51 45.0 36.8 55.2





#25

Chloroform

Concen: 4.71 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV021372.D

Acq: 21 May 2021 20:38

Tgt Ion: 83 Resp: 161969

Ion Ratio Lower Upper

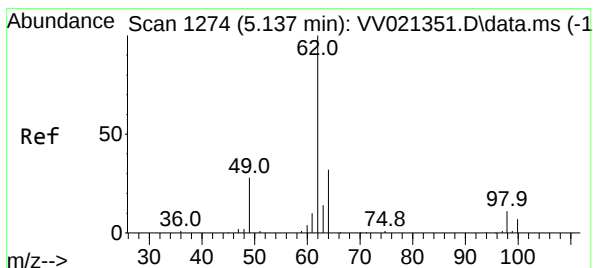
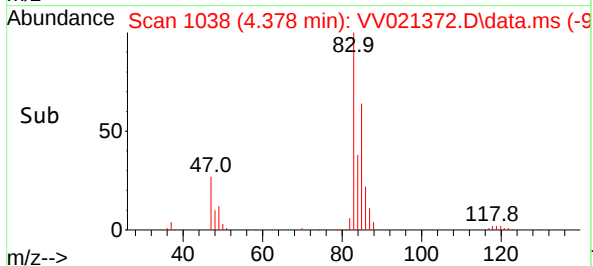
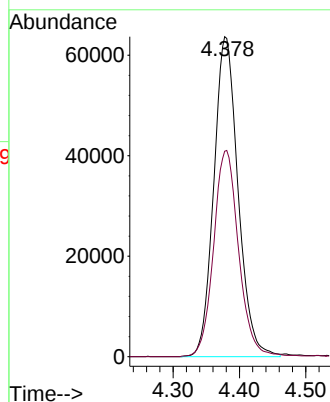
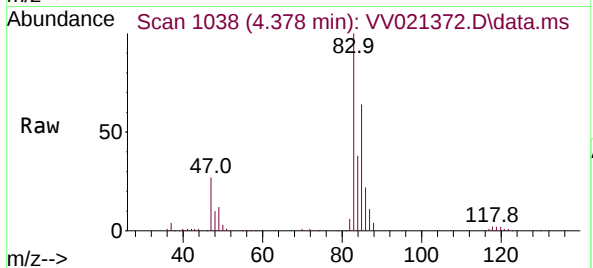
83 100

85 64.2 46.4 86.2

Instrument :

MSVOA\_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 4.78 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV021372.D

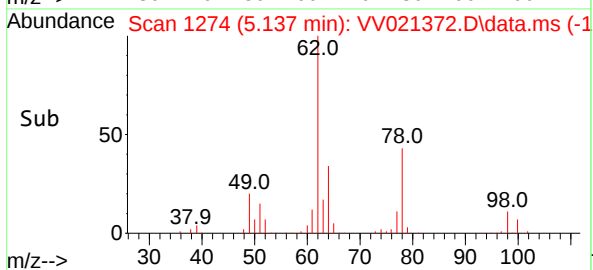
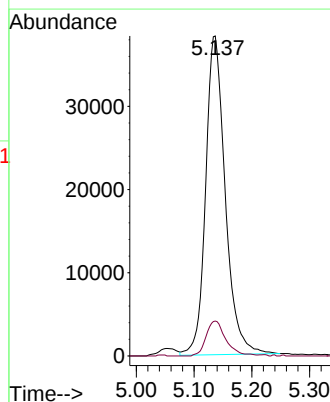
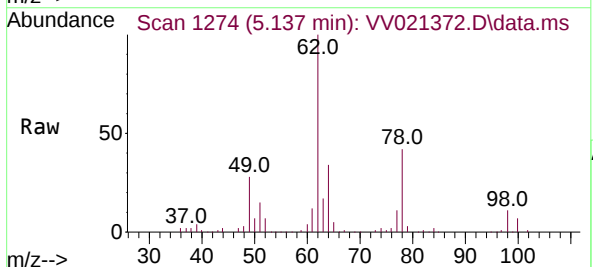
Acq: 21 May 2021 20:38

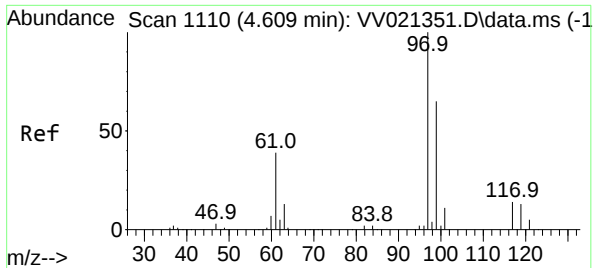
Tgt Ion: 62 Resp: 90480

Ion Ratio Lower Upper

62 100

98 10.9 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.99 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

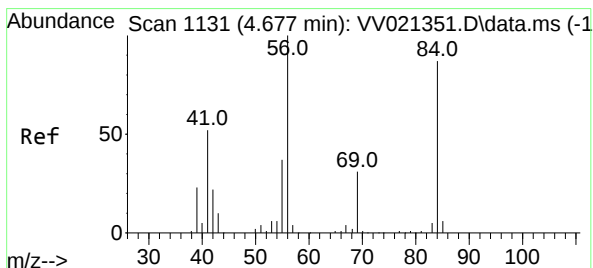
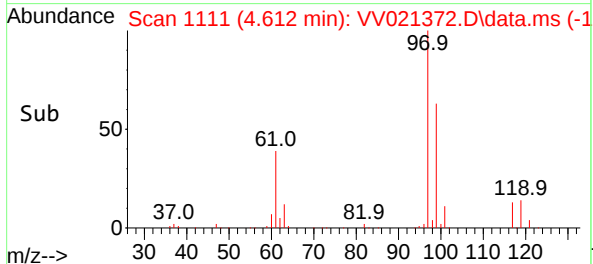
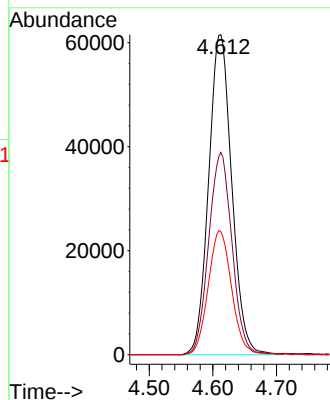
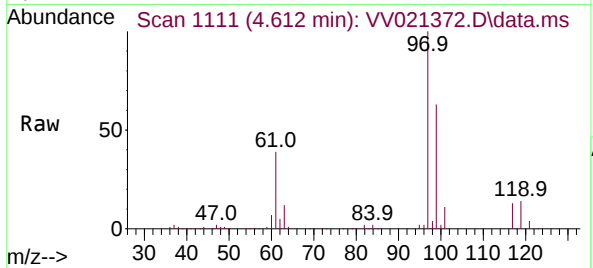
Lab File: VV021372.D

Acq: 21 May 2021 20:38

Tgt Ion: 97 Resp: 155533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.7  | 50.6  | 75.8  |
| 61  | 39.2  | 33.2  | 49.8  |

Instrument :  
MSVOA\_V  
ClientSampled :



#30

Cyclohexane

Concen: 4.79 ug/L

RT: 4.680 min Scan# 1132

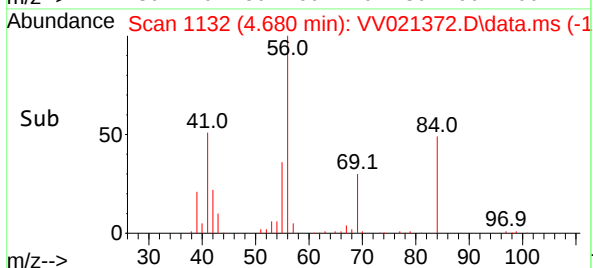
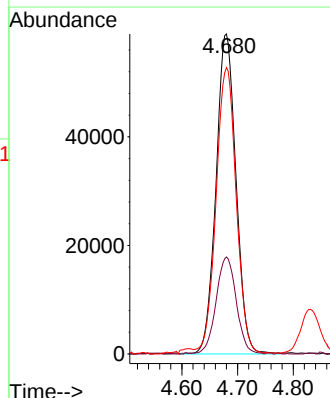
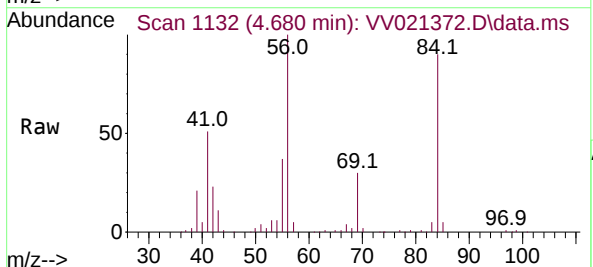
Delta R.T. 0.003 min

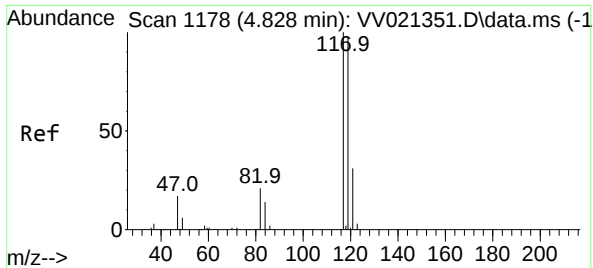
Lab File: VV021372.D

Acq: 21 May 2021 20:38

Tgt Ion: 56 Resp: 147103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 30.7  | 25.4  | 38.0  |
| 84  | 89.5  | 73.5  | 110.3 |

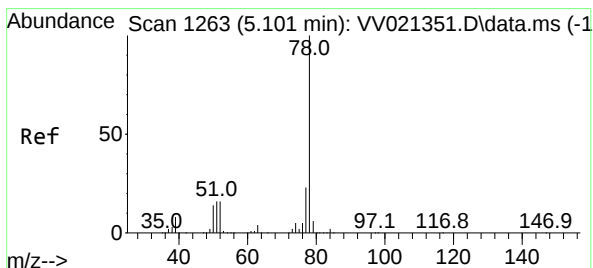
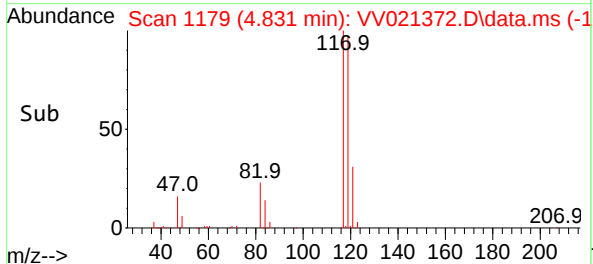
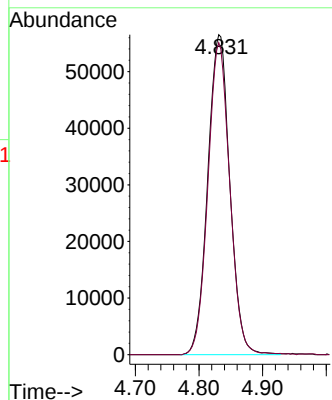
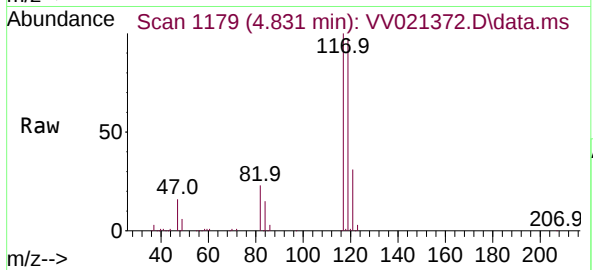




#31  
Carbon tetrachloride  
Concen: 4.90 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

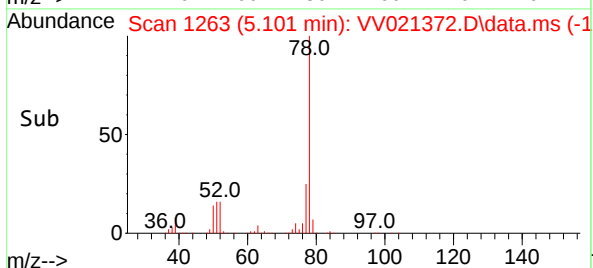
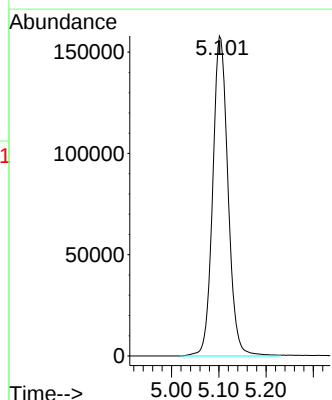
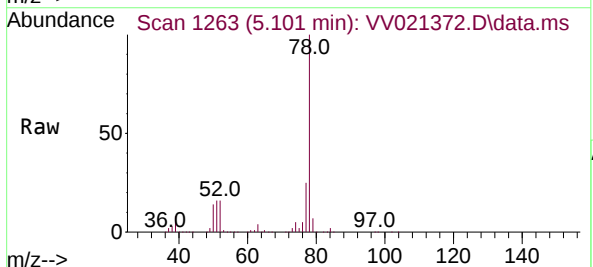
Instrument :  
MSVOA\_V  
ClientSampleId :

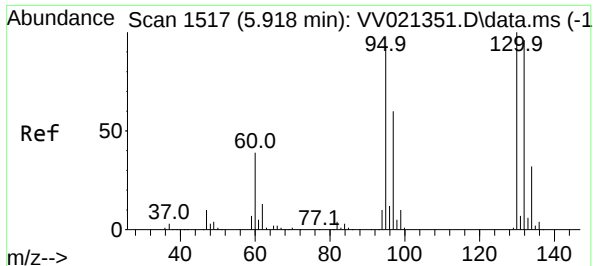
Tgt Ion:117 Resp: 136377  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.4 116.2



#33  
Benzene  
Concen: 4.97 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 78 Resp: 356090

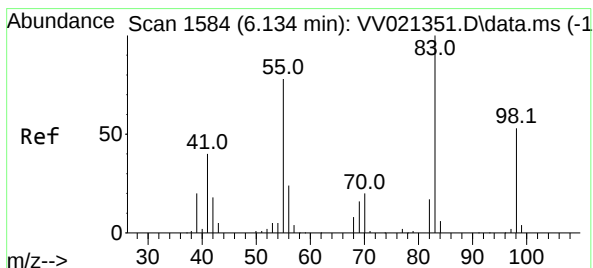
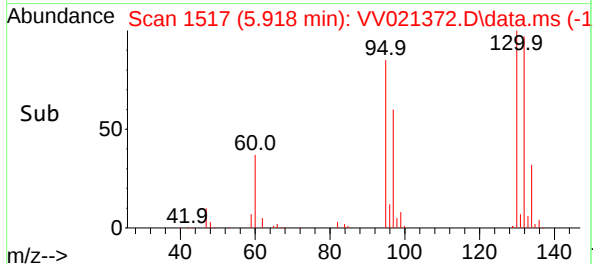
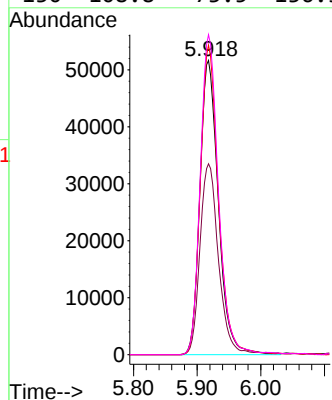
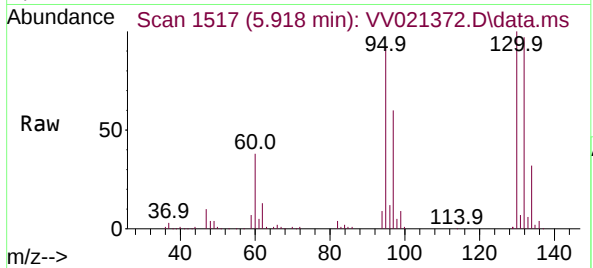




#34  
Trichloroethene  
Concen: 4.81 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

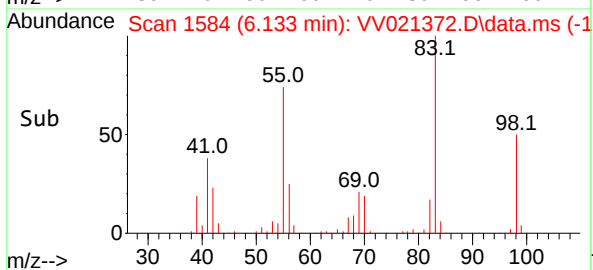
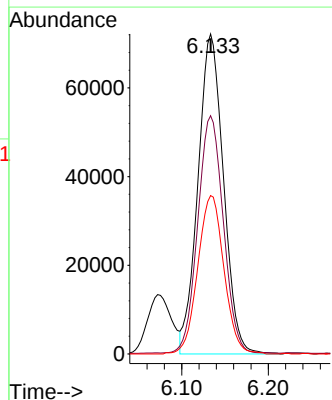
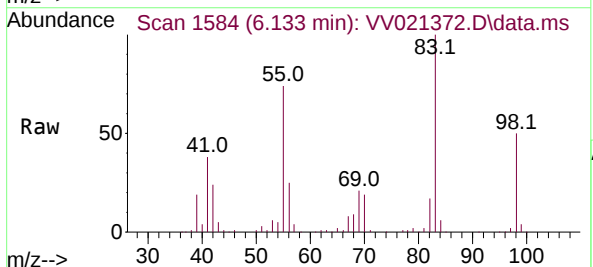
Instrument :  
MSVOA\_V  
ClientSampled :

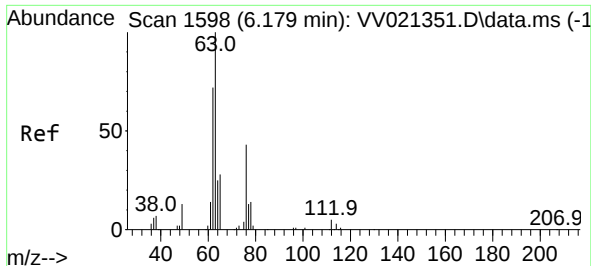
Tgt Ion: 95 Resp: 104165  
Ion Ratio Lower Upper  
95 100  
97 64.9 45.1 83.9  
132 105.2 71.5 132.9  
130 108.8 73.5 136.5



#35  
Methylcyclohexane  
Concen: 4.50 ug/L  
RT: 6.133 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 83 Resp: 147758  
Ion Ratio Lower Upper  
83 100  
55 74.1 59.1 88.7  
98 50.8 40.1 60.1

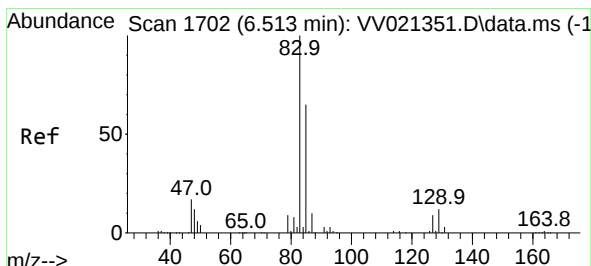
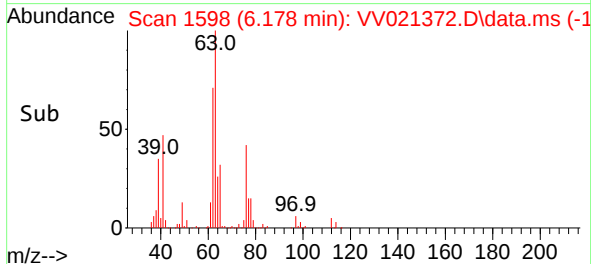
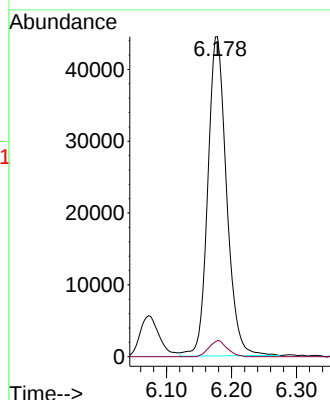
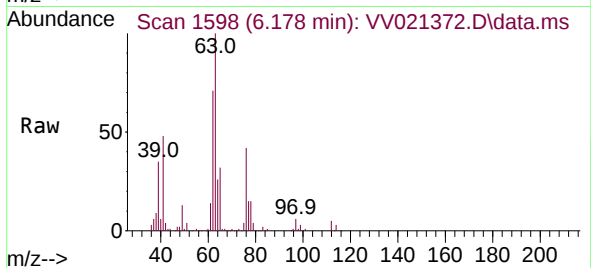




#37  
1,2-Dichloropropane  
Concen: 5.06 ug/L  
RT: 6.178 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

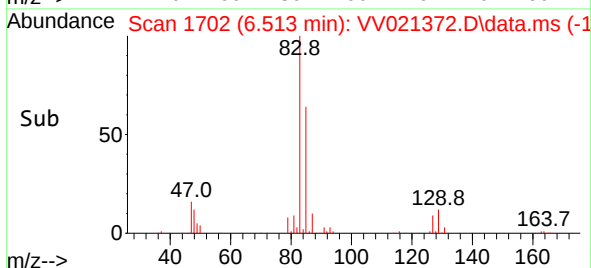
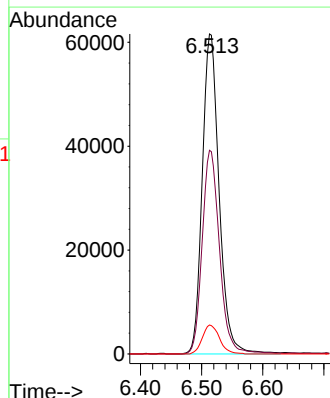
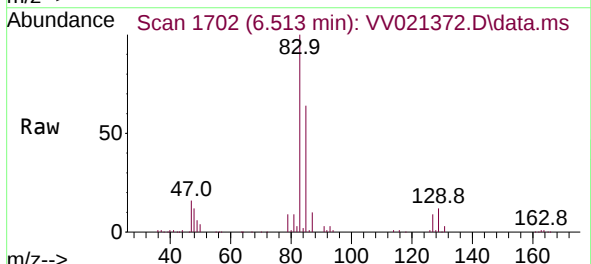
Instrument :  
MSVOA\_V  
ClientSampled :

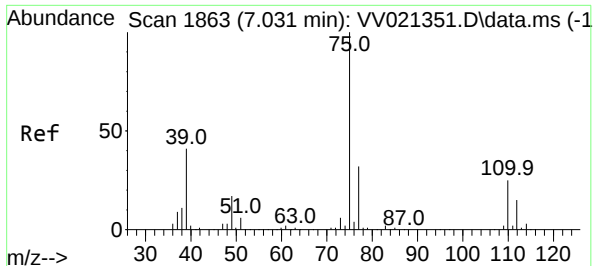
Tgt Ion: 63 Resp: 89392  
Ion Ratio Lower Upper  
63 100  
112 4.9 3.8 5.8



#38  
Bromodichloromethane  
Concen: 4.90 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 83 Resp: 118140  
Ion Ratio Lower Upper  
83 100  
85 63.6 43.0 79.8  
127 9.0 7.0 10.6



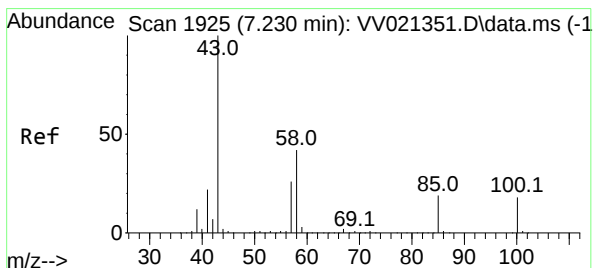
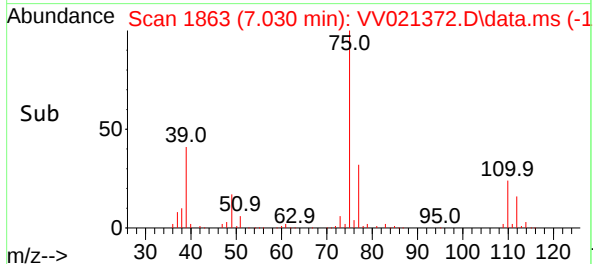
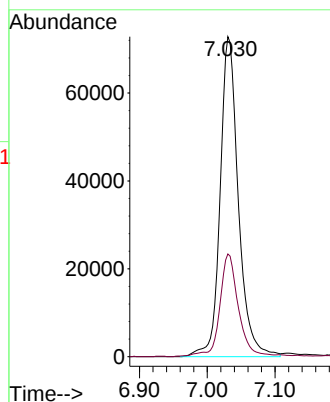
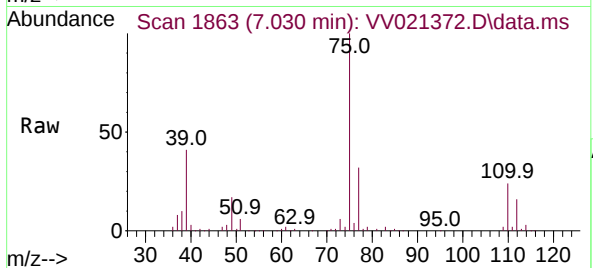


#39

cis-1,3-Dichloropropene  
Concen: 4.80 ug/L  
RT: 7.030 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Instrument :  
MSVOA\_V  
ClientSampled :

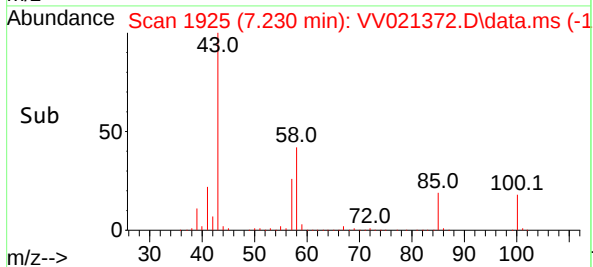
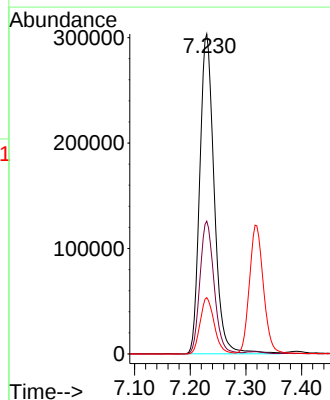
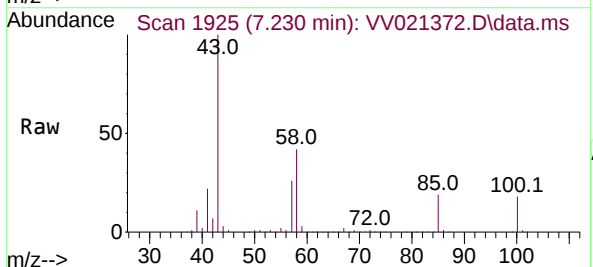
Tgt Ion: 75 Resp: 136005  
Ion Ratio Lower Upper  
75 100  
77 32.1 22.5 41.9

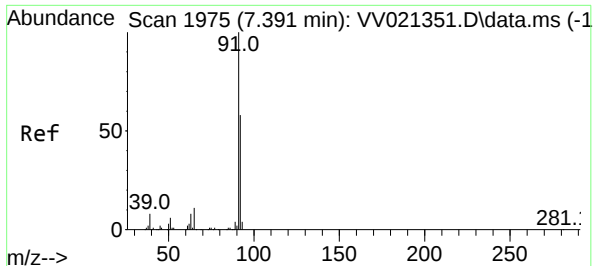


#40

4-Methyl-2-pentanone  
Concen: 49.13 ug/L  
RT: 7.230 min Scan# 1925  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion: 43 Resp: 546274  
Ion Ratio Lower Upper  
43 100  
58 40.9 34.1 51.1  
100 17.2 14.6 21.8





#42

Toluene

Concen: 4.98 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV021372.D

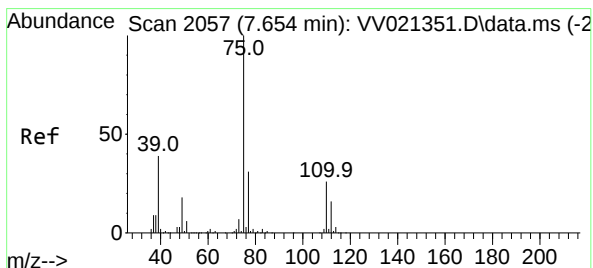
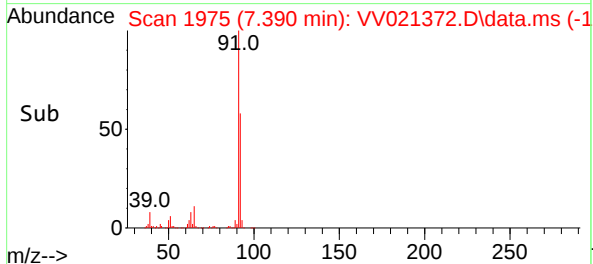
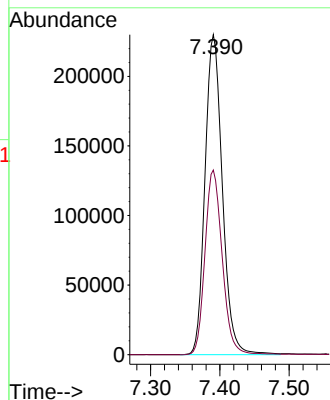
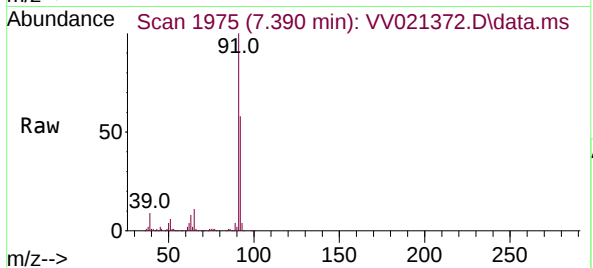
Acq: 21 May 2021 20:38

Tgt Ion: 91 Resp: 399521

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.73 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV021372.D

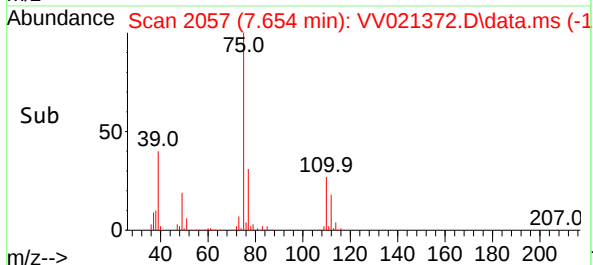
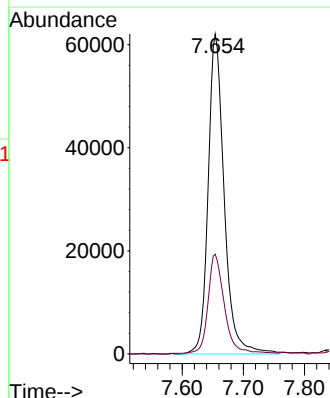
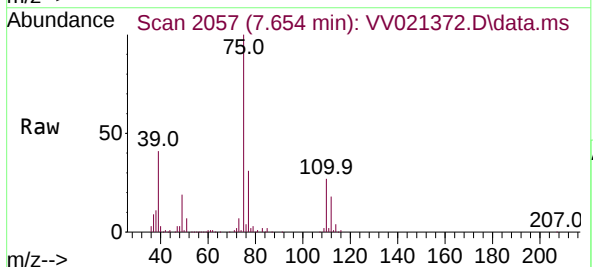
Acq: 21 May 2021 20:38

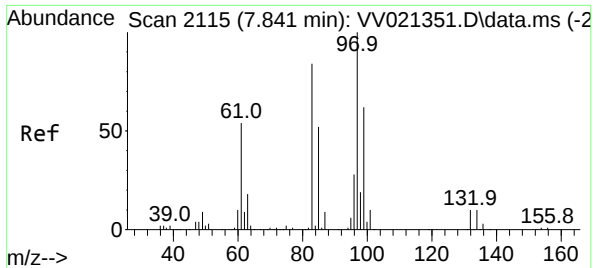
Tgt Ion: 75 Resp: 113091

Ion Ratio Lower Upper

75 100

77 31.2 22.9 42.5

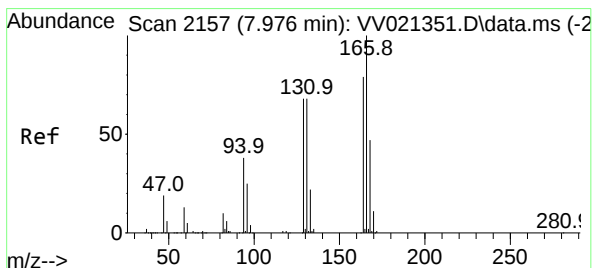
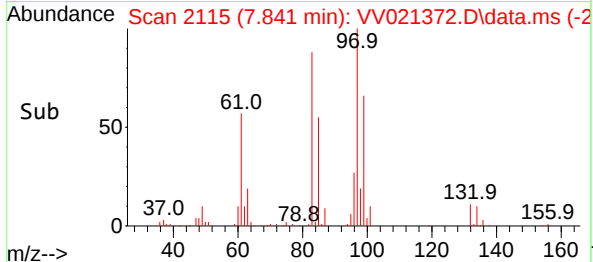
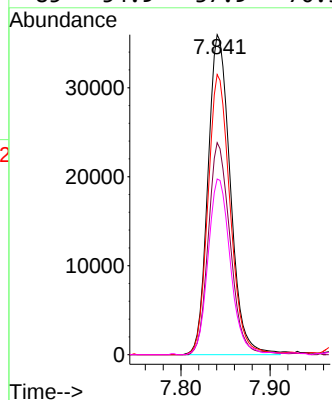
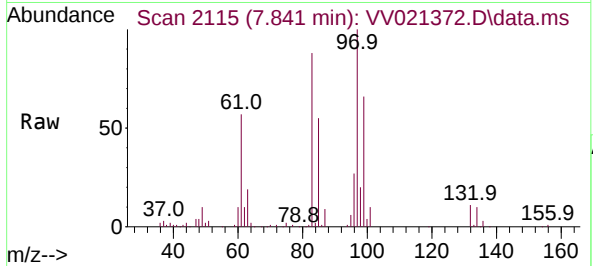




#45  
1,1,2-Trichloroethane  
Concen: 4.78 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

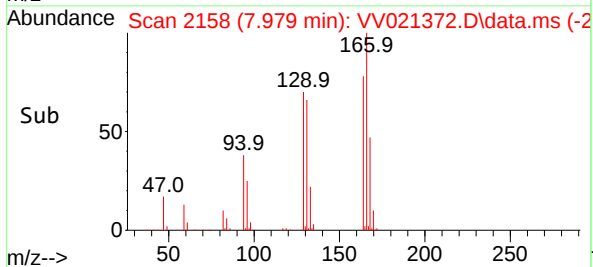
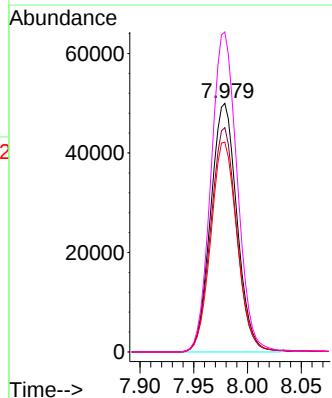
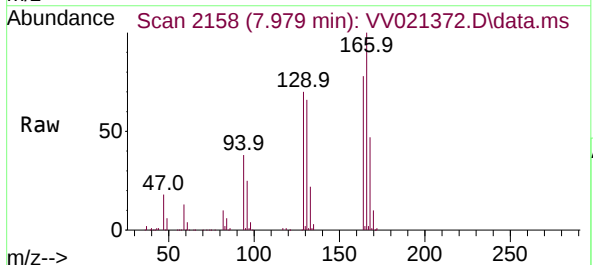
Instrument :  
MSVOA\_V  
ClientSampleId :

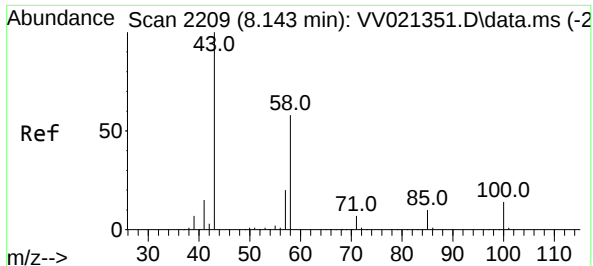
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 62814 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.2  | 44.1  | 81.9  |
| 83       | 87.5  | 59.4  | 110.4 |
| 85       | 54.9  | 37.9  | 70.5  |



#47  
Tetrachloroethene  
Concen: 4.82 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 85261 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 90.2  | 65.0  | 120.6 |
| 131      | 84.4  | 61.8  | 114.8 |
| 166      | 128.7 | 88.1  | 163.5 |

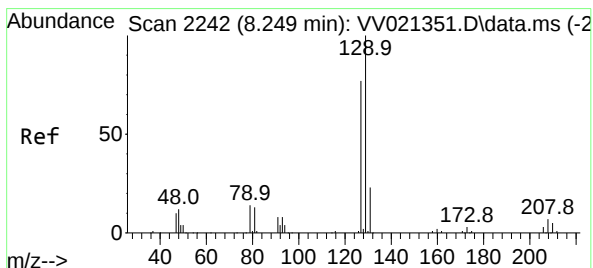
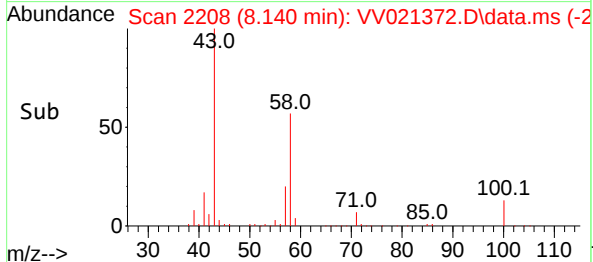
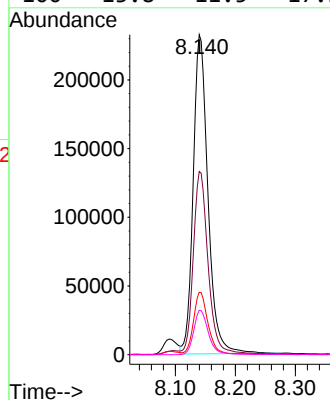
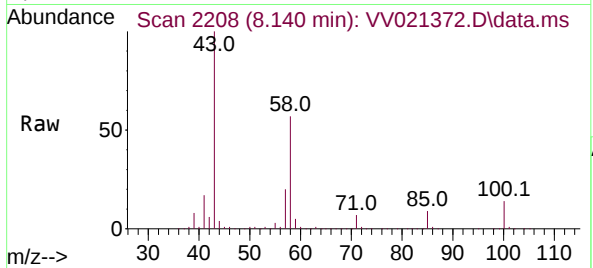




#48  
2-Hexanone  
Concen: 49.44 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. -0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

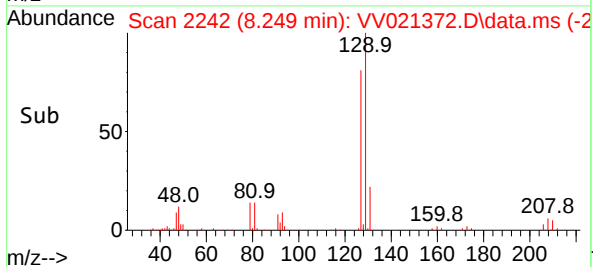
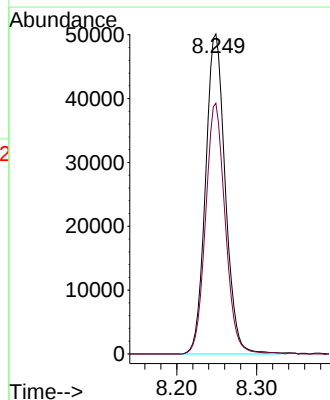
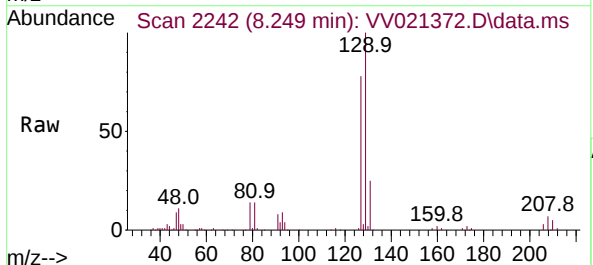
Instrument :  
MSVOA\_V  
ClientSampled :

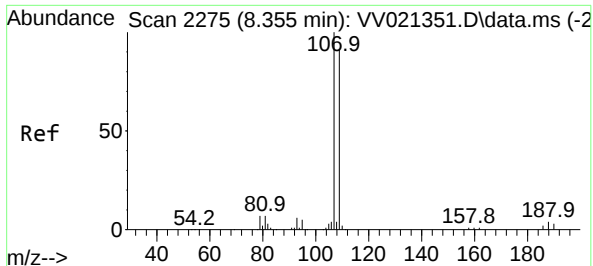
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 398509 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 57.1  | 47.8  | 71.8   |
| 57       | 19.1  | 16.6  | 24.8   |
| 100      | 13.8  | 11.5  | 17.3   |



#49  
Dibromochloromethane  
Concen: 4.87 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

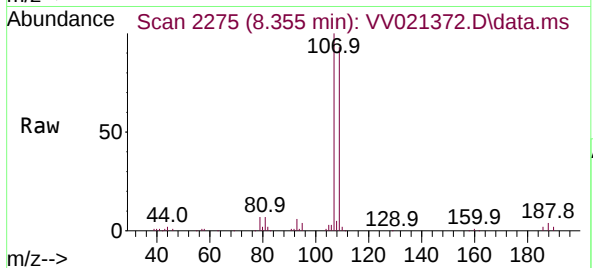
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 86021 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 78.3  | 53.6  | 99.6  |



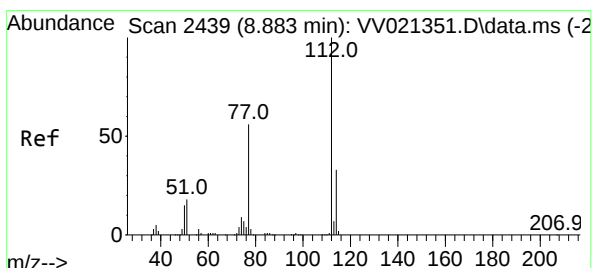
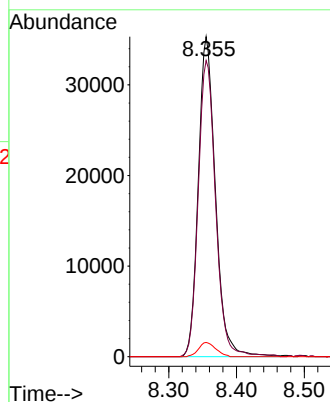
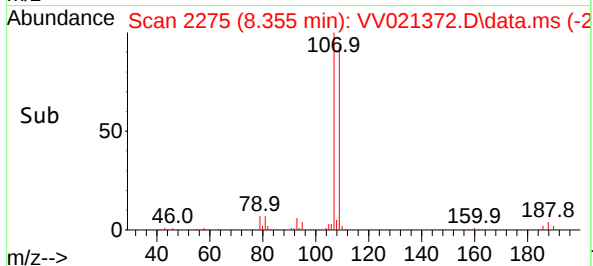


#50  
1,2-Dibromoethane  
Concen: 4.90 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

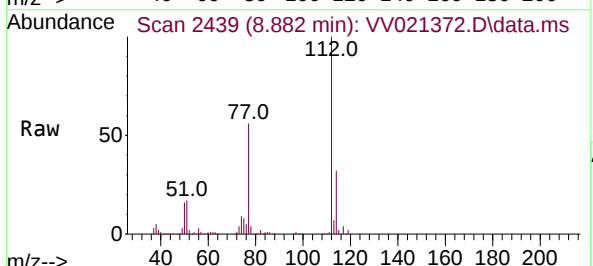
Instrument :  
MSVOA\_V  
ClientSampled :



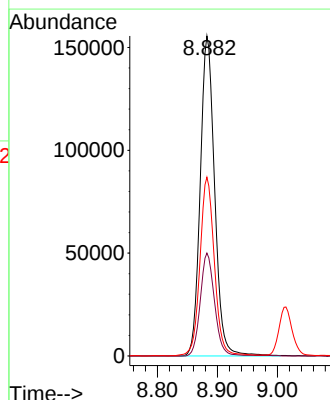
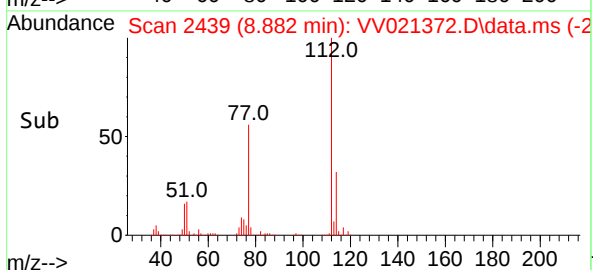
Tgt Ion:107 Resp: 62007  
Ion Ratio Lower Upper  
107 100  
109 92.6 66.6 123.8  
188 4.5 3.3 4.9

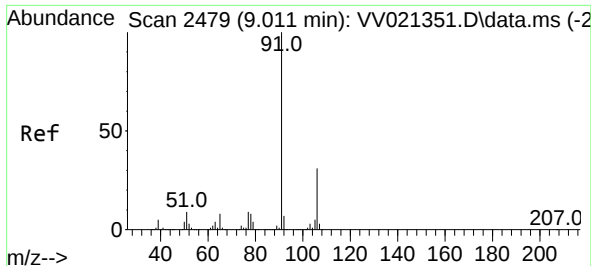


#51  
Chlorobenzene  
Concen: 4.93 ug/L  
RT: 8.882 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38



Tgt Ion:112 Resp: 260802  
Ion Ratio Lower Upper  
112 100  
114 32.1 22.4 41.6  
77 55.8 45.0 67.4

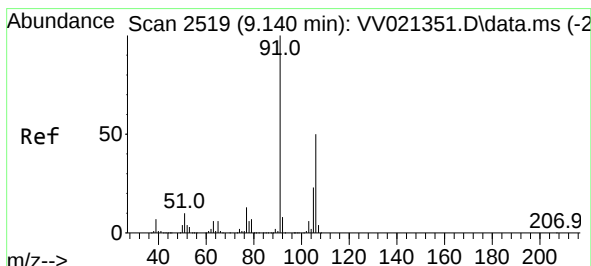
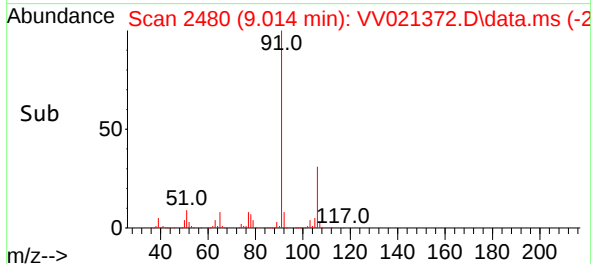
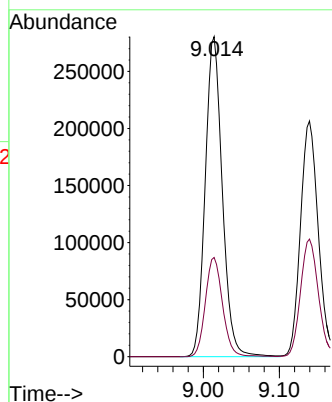
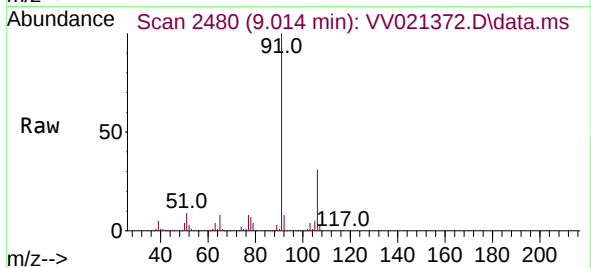




#52  
Ethylbenzene  
Concen: 4.90 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

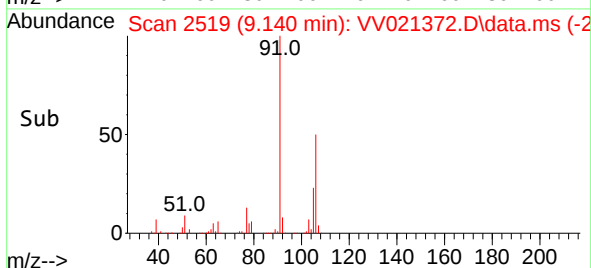
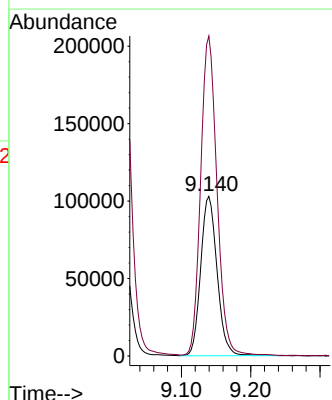
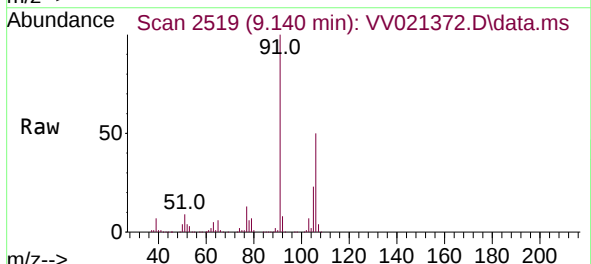
Instrument :  
MSVOA\_V  
ClientSampled :

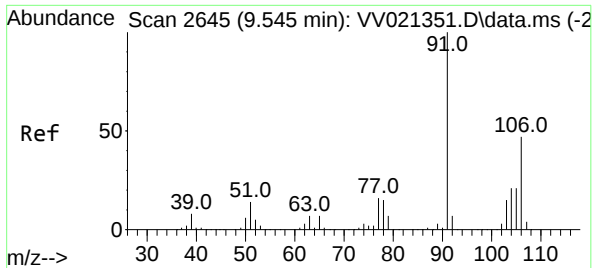
Tgt Ion: 91 Resp: 436730  
Ion Ratio Lower Upper  
91 100  
106 31.0 21.6 40.2



#53  
m,p-xylene  
Concen: 4.93 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:106 Resp: 168997  
Ion Ratio Lower Upper  
106 100  
91 200.6 141.3 262.3

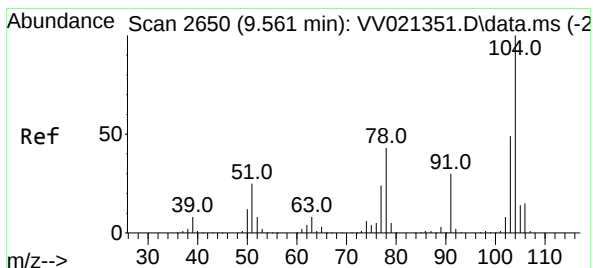
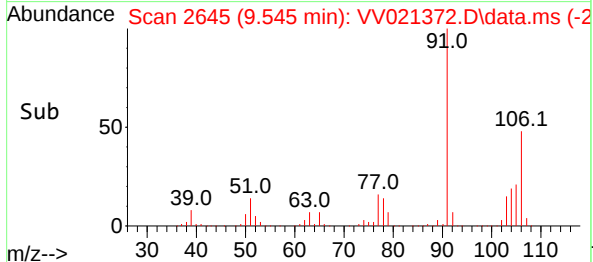
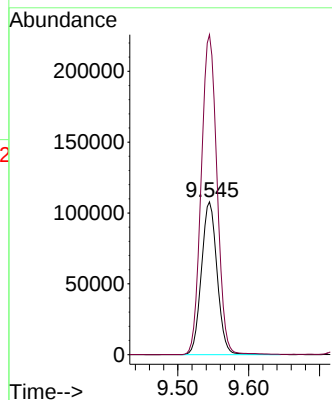
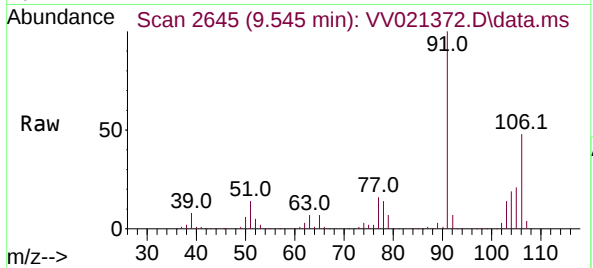




#54  
o-xylene  
Concen: 4.94 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

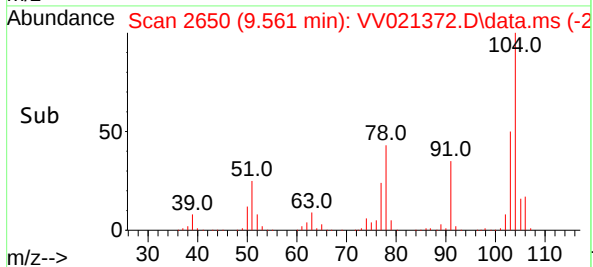
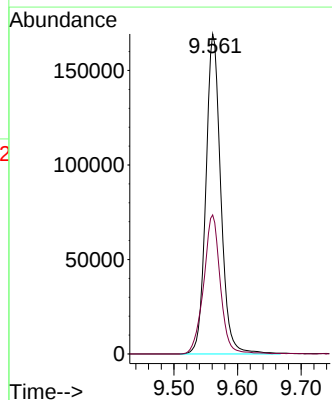
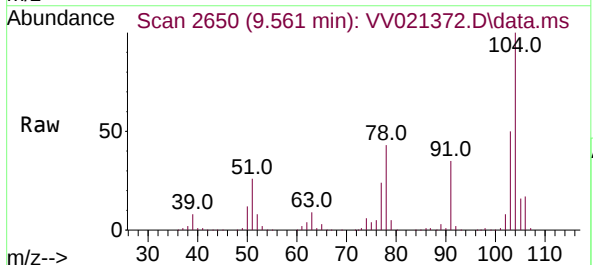
Instrument :  
MSVOA\_V  
ClientSampled :

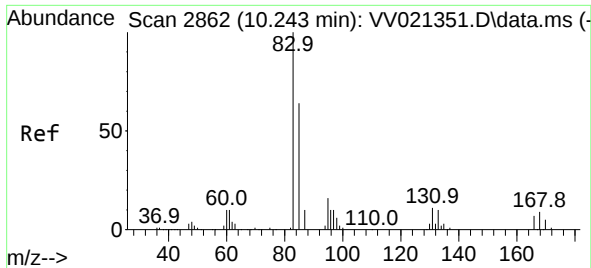
Tgt Ion:106 Resp: 165241  
Ion Ratio Lower Upper  
106 100  
91 209.5 149.5 277.7



#55  
Styrene  
Concen: 4.91 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:104 Resp: 275788  
Ion Ratio Lower Upper  
104 100  
78 43.5 31.9 59.2

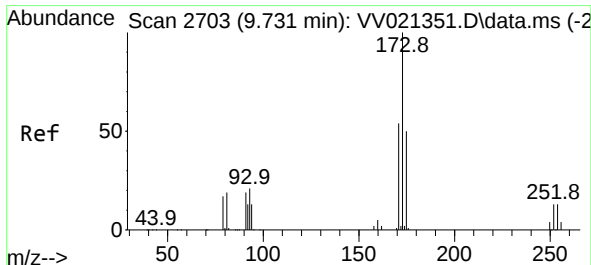
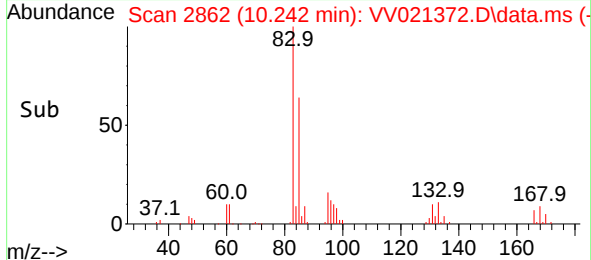
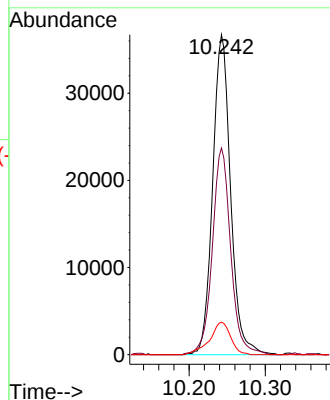
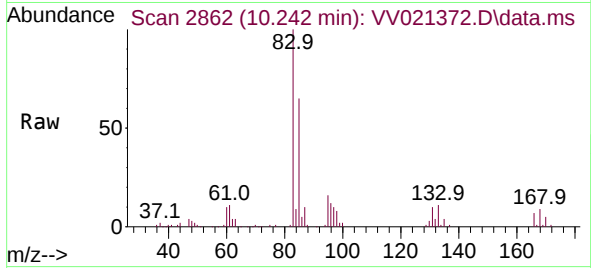




#57  
 1,1,2,2-Tetrachloroethane  
 Concen: 5.06 ug/L  
 RT: 10.242 min Scan# 2862  
 Delta R.T. -0.000 min  
 Lab File: VV021372.D  
 Acq: 21 May 2021 20:38

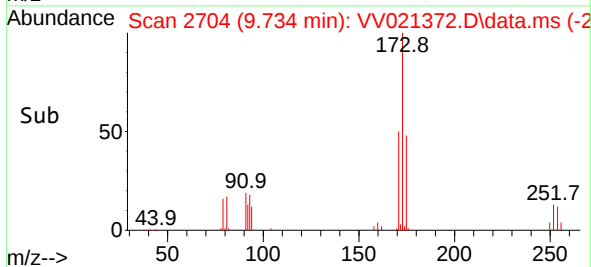
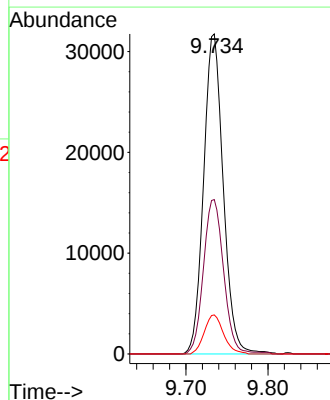
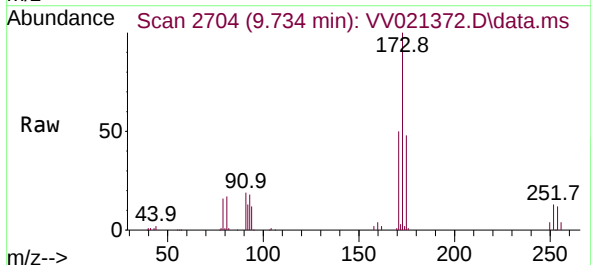
Instrument :  
 MSVOA\_V  
 ClientSampleId :

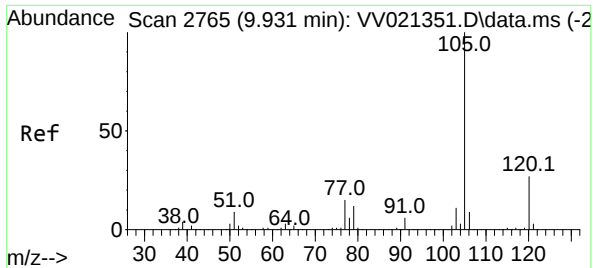
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 60110 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.6  | 44.6  | 82.8  |
| 131       | 10.1  | 8.4   | 12.6  |



#59  
 Bromoform  
 Concen: 4.89 ug/L  
 RT: 9.734 min Scan# 2704  
 Delta R.T. 0.003 min  
 Lab File: VV021372.D  
 Acq: 21 May 2021 20:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 52830 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.6  | 38.9  | 58.3  |
| 254       | 12.0  | 8.3   | 12.5  |

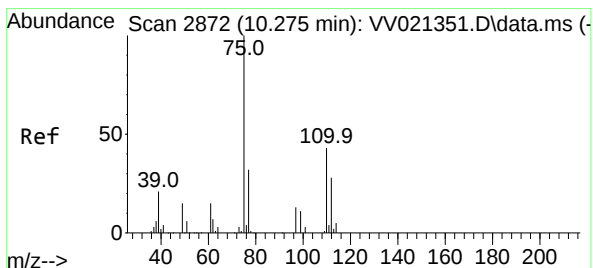
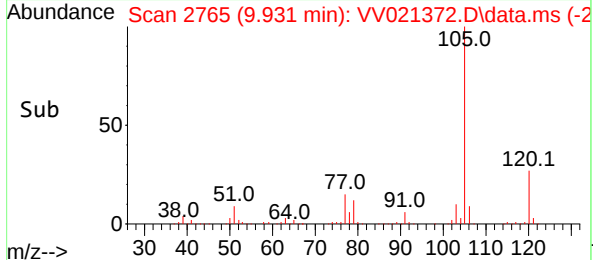
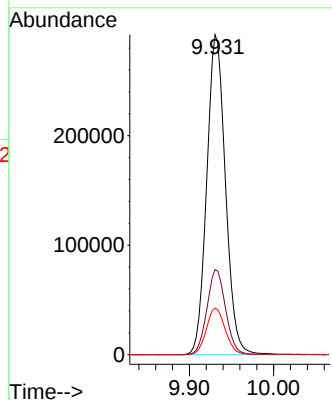
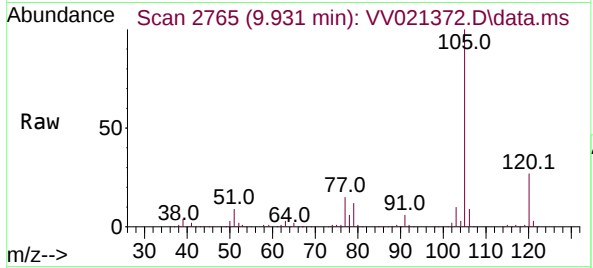




#60  
Isopropylbenzene  
Concen: 4.90 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

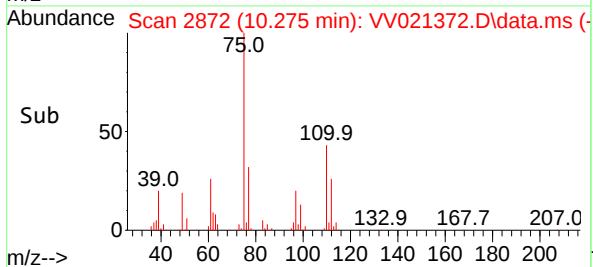
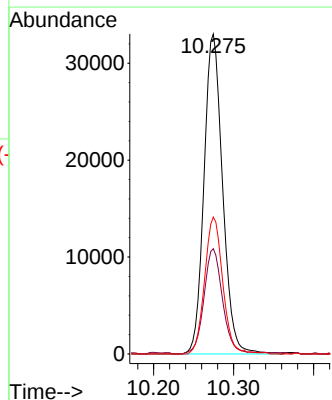
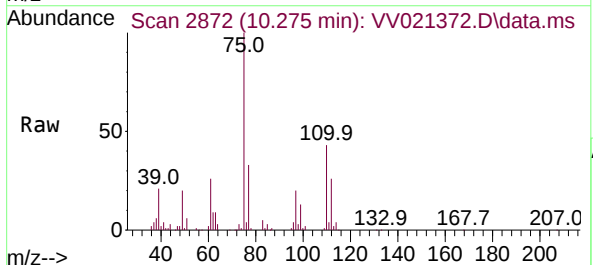
Instrument :  
MSVOA\_V  
ClientSampled :

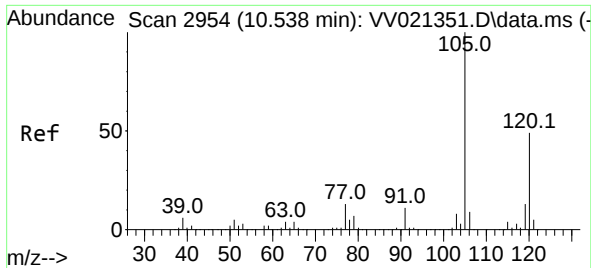
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 451756    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 26.6  | 21.7 32.5 |
| 77          | 14.8  | 12.3 18.5 |



#61  
1,2,3-Trichloropropane  
Concen: 5.02 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 75 | Resp: | 53477     |
| Ion Ratio   | Lower | Upper     |
| 75          | 100   |           |
| 77          | 33.0  | 26.1 39.1 |
| 110         | 41.7  | 33.2 49.8 |

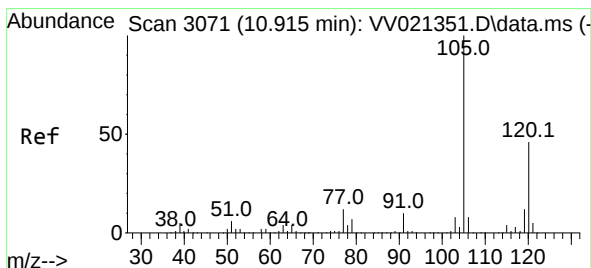
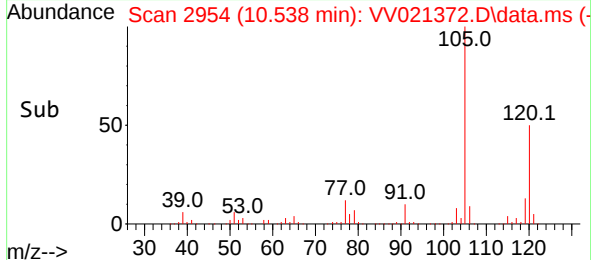
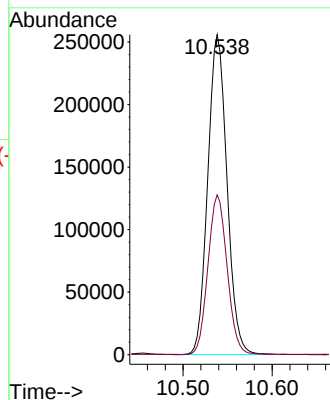
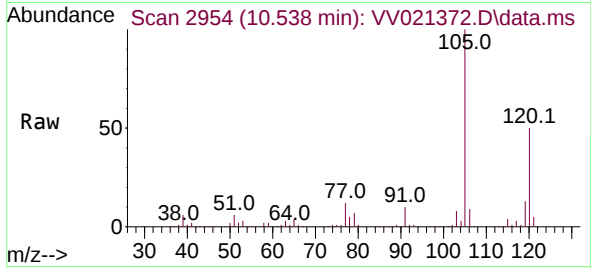




#62  
1,3,5-Trimethylbenzene  
Concen: 4.85 ug/L  
RT: 10.538 min Scan# 2954  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

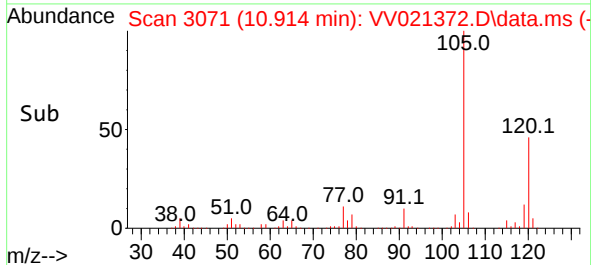
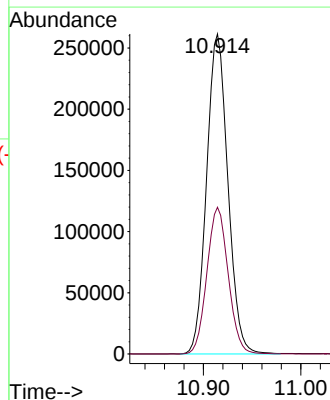
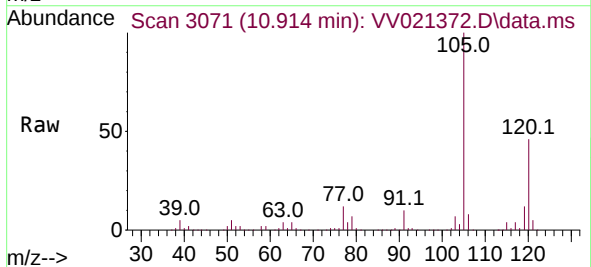
Instrument :  
MSVOA\_V  
ClientSampled :

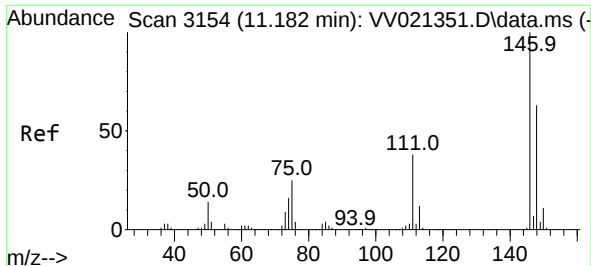
Tgt Ion:105 Resp: 382372  
Ion Ratio Lower Upper  
105 100  
120 50.1 39.4 59.0



#63  
1,2,4-Trimethylbenzene  
Concen: 4.91 ug/L  
RT: 10.914 min Scan# 3071  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:105 Resp: 396749  
Ion Ratio Lower Upper  
105 100  
120 45.9 36.7 55.1

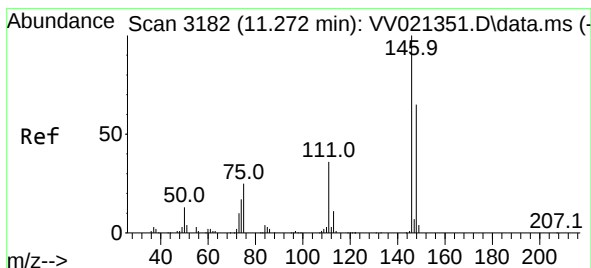
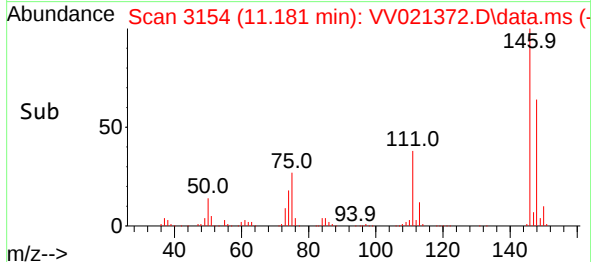
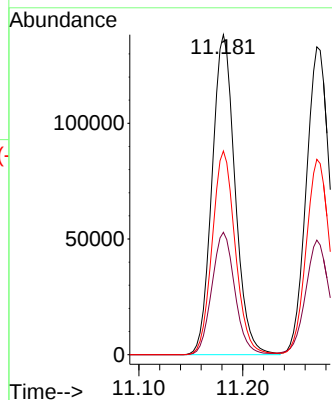
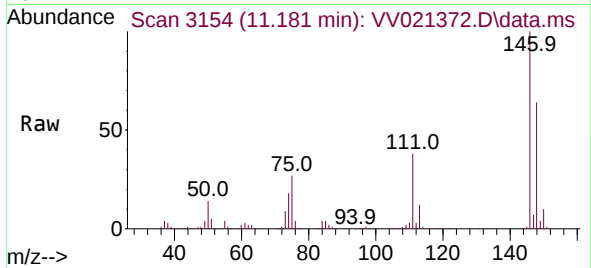




#64  
1,3-Dichlorobenzene  
Concen: 4.80 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

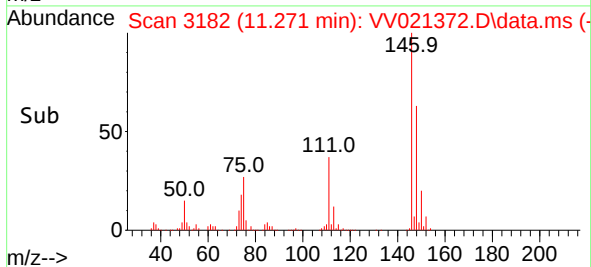
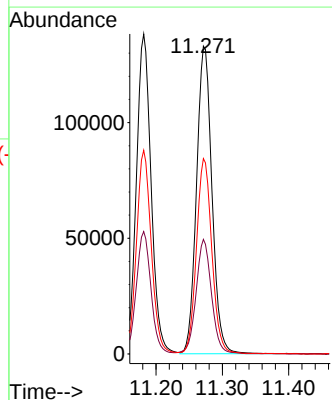
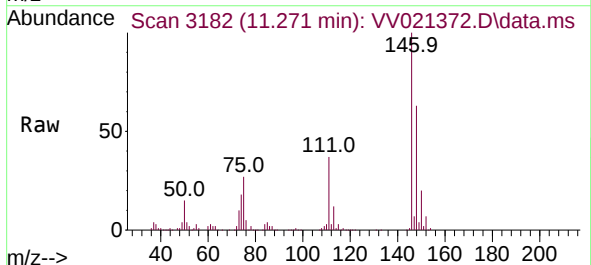
Instrument :  
MSVOA\_V  
ClientSampleId :

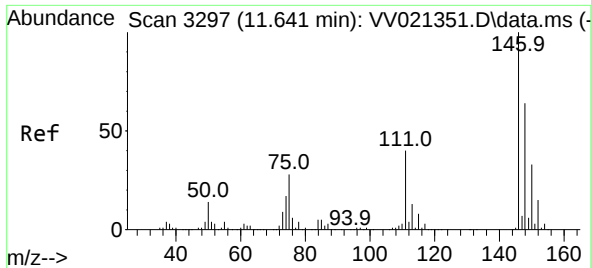
Tgt Ion:146 Resp: 212757  
Ion Ratio Lower Upper  
146 100  
111 38.2 26.8 49.8  
148 63.6 44.6 82.8



#65  
1,4-Dichlorobenzene  
Concen: 4.84 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:146 Resp: 214946  
Ion Ratio Lower Upper  
146 100  
111 37.2 25.8 47.8  
148 63.5 43.9 81.5

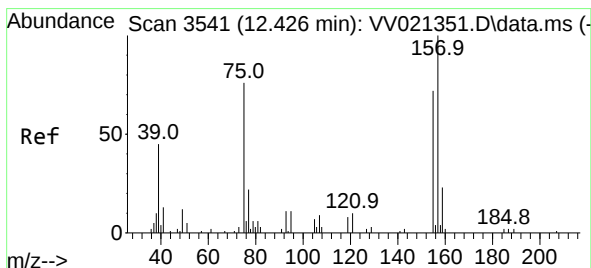
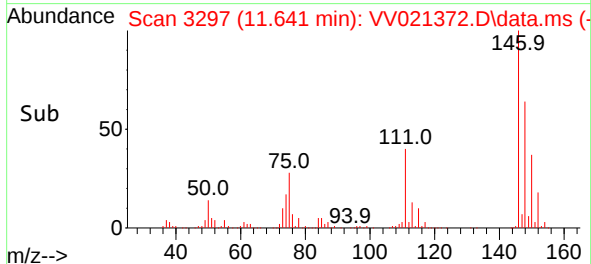
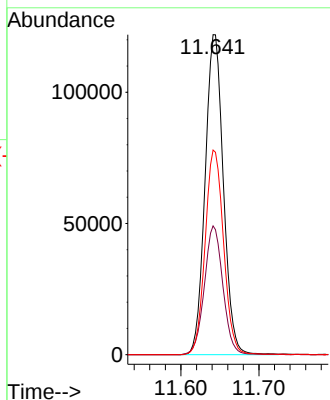
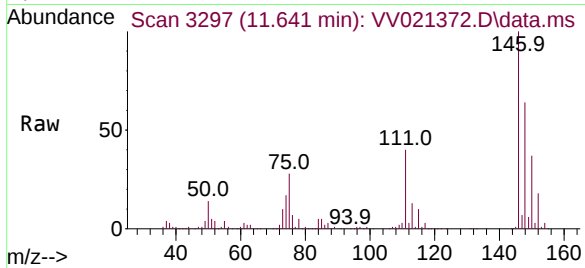




#67  
1,2-Dichlorobenzene  
Concen: 4.84 ug/L  
RT: 11.641 min Scan# 3297  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

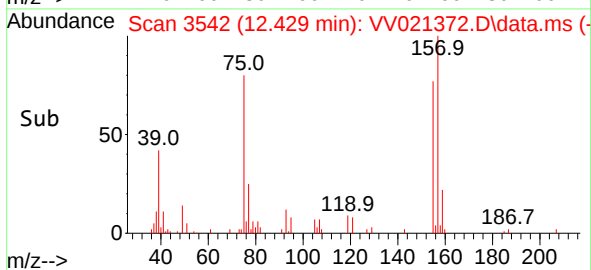
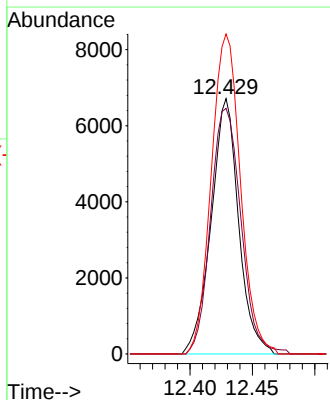
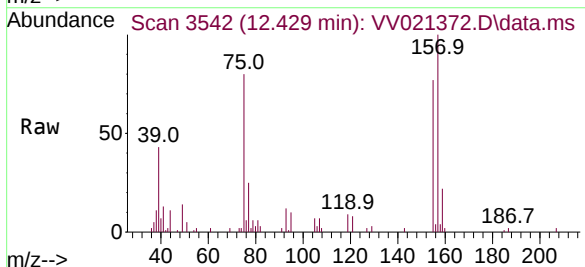
Instrument :  
MSVOA\_V  
ClientSampled :

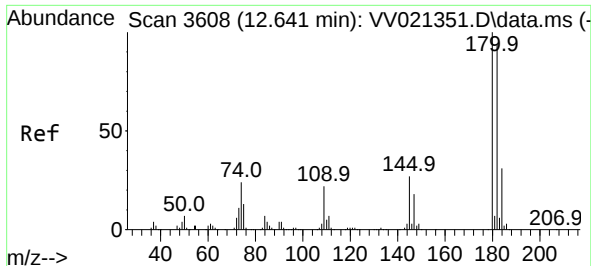
Tgt Ion:146 Resp: 198510  
Ion Ratio Lower Upper  
146 100  
111 40.3 32.6 49.0  
148 64.0 50.8 76.2



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.85 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

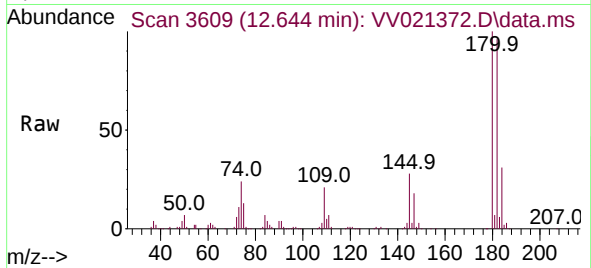
Tgt Ion: 75 Resp: 10313  
Ion Ratio Lower Upper  
75 100  
155 96.2 72.8 109.2  
157 125.3 94.7 142.1



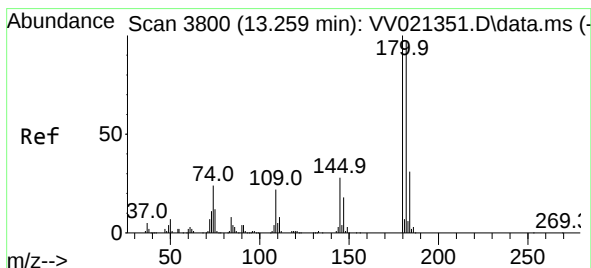
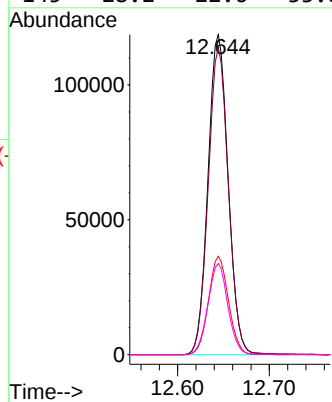
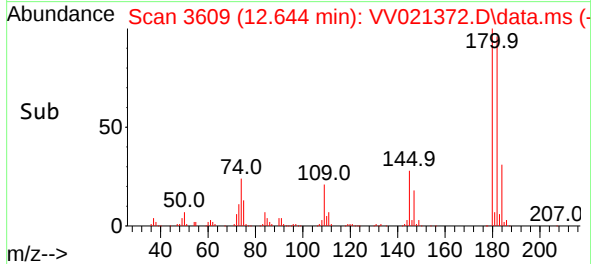


#69  
1,3,5-Trichlorobenzene  
Concen: 4.72 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

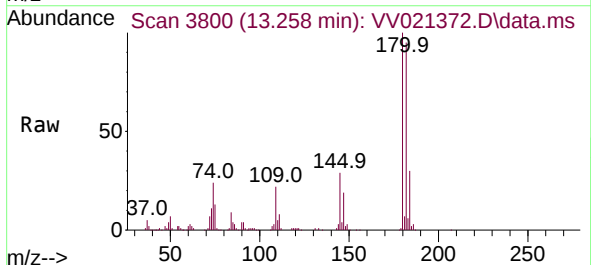
Instrument :  
MSVOA\_V  
ClientSampled :



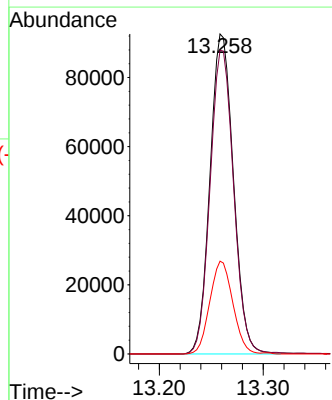
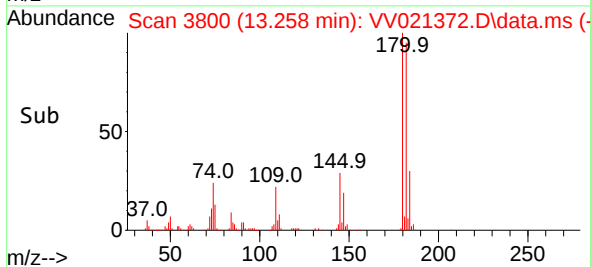
Tgt Ion:180 Resp: 181326  
Ion Ratio Lower Upper  
180 100  
182 95.9 75.6 113.4  
184 30.5 24.4 36.6  
145 28.2 22.6 33.8

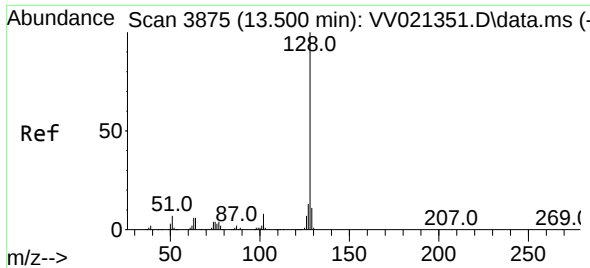


#70  
1,2,4-trichlorobenzene  
Concen: 4.81 ug/L  
RT: 13.258 min Scan# 3800  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38



Tgt Ion:180 Resp: 145037  
Ion Ratio Lower Upper  
180 100  
182 95.3 75.7 113.5  
145 28.5 23.0 34.4

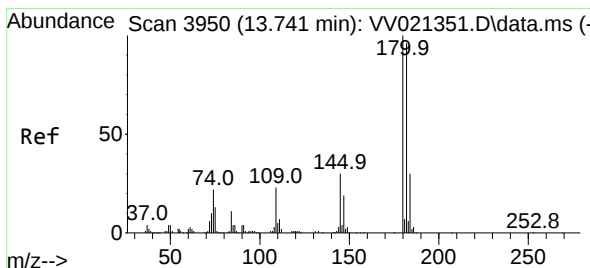
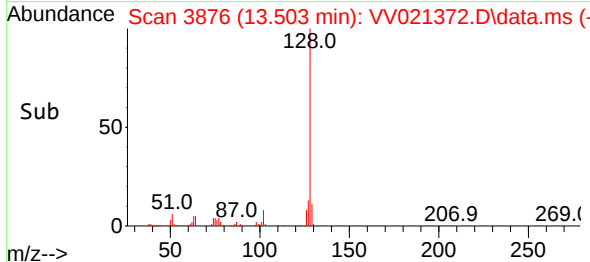
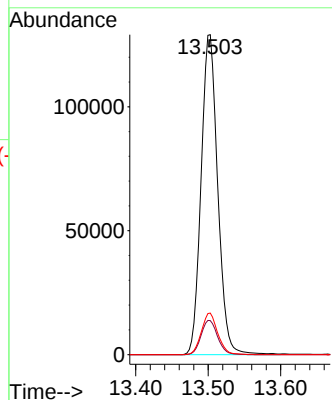
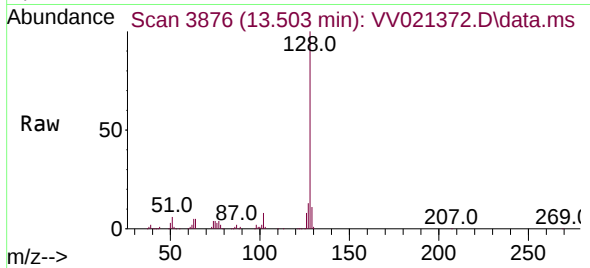




#71  
Naphthalene  
Concen: 5.00 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.003 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion:128 Resp: 205772  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.6 13.0  
127 12.8 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 4.88 ug/L  
RT: 13.741 min Scan# 3950  
Delta R.T. -0.000 min  
Lab File: VV021372.D  
Acq: 21 May 2021 20:38

Tgt Ion:180 Resp: 129407  
Ion Ratio Lower Upper  
180 100  
182 96.6 75.9 113.9  
145 30.5 24.6 37.0

