

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102321\  
 Data File : VX024910.D  
 Acq On : 23 Oct 2021 20:59  
 Operator : JC/MD  
 Sample : M4303-18  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 25 02:36:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 25 02:31:08 2021  
 Response via : Initial Calibration

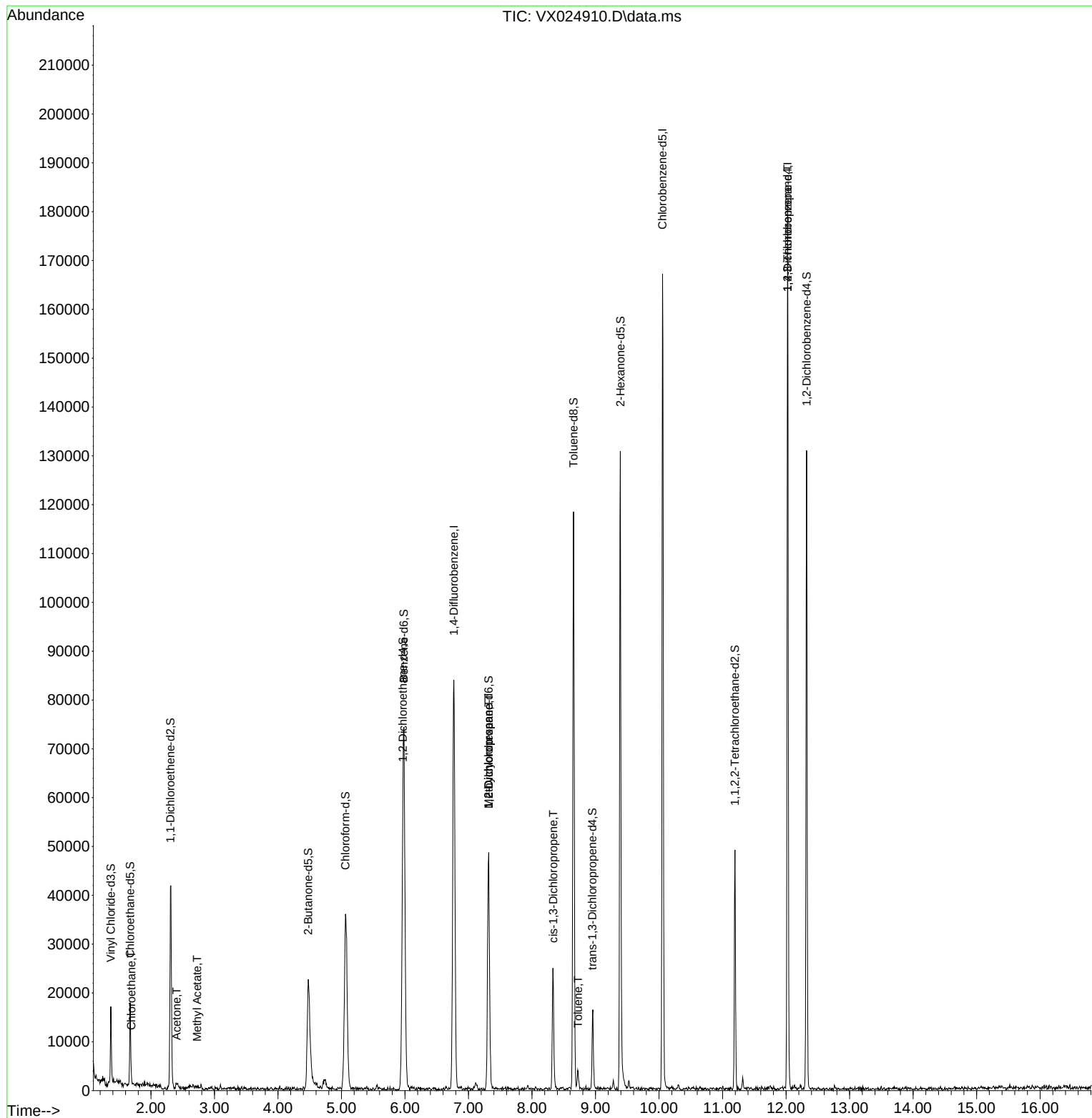
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114   | 80477    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 73675    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 34251    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65    | 8860     | 3.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.000%  |
| 7) Chloroethane-d5            | 1.672  | 69    | 9481     | 4.454    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63    | 24785    | 2.814    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 56.200%# |
| 20) 2-Butanone-d5             | 4.477  | 46    | 41590    | 48.148   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.300%  |
| 24) Chloroform-d              | 5.062  | 84    | 48045    | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65    | 25495    | 4.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.000%  |
| 32) Benzene-d6                | 5.983  | 84    | 73928    | 4.307    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 36) 1,2-Dichloropropane-d6    | 7.318  | 67    | 24130    | 4.406    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 8.653  | 98    | 68515    | 3.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.600%  |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79    | 8715     | 3.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 69.400%  |
| 46) 2-Hexanone-d5             | 9.391  | 63    | 38441    | 42.490   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.980%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 17951    | 4.288    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 24414    | 4.230    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.691  | 64    | 242      | 0.102    | ug/L # | 42       |
| 13) Acetone                   | 2.404  | 43    | 1564     | 2.414    | ug/L   | 83       |
| 15) Methyl Acetate            | 2.727  | 43    | 403      | 0.274    | ug/L # | 41       |
| 35) Methylcyclohexane         | 7.318  | 83    | 7355     | 0.751    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 7.318  | 63    | 3331     | 0.633    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 8.336  | 75    | 813      | 0.092    | ug/L   | 85       |
| 42) Toluene                   | 8.726  | 91    | 2281     | 0.091    | ug/L   | 86       |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75    | 4469     | 1.337    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

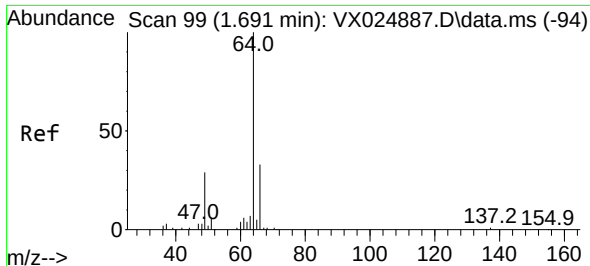
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 25 02:31:08 2021  
Response via : Initial Calibration

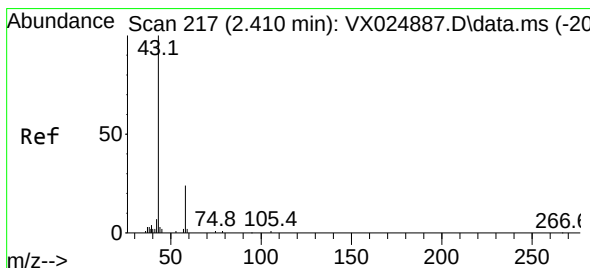
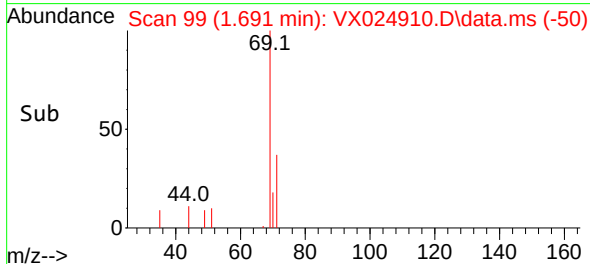
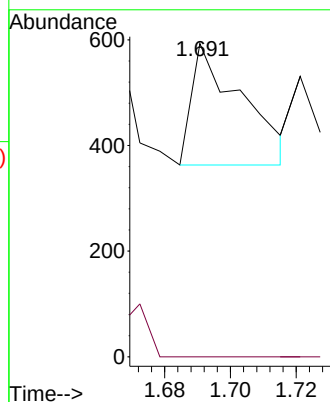
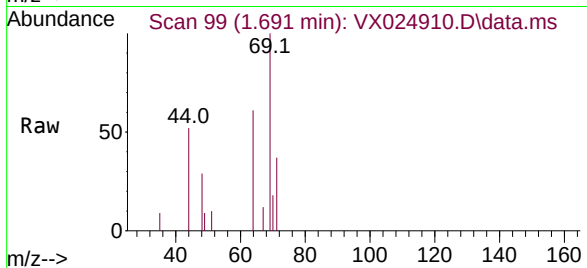




#8  
Chloroethane  
Concen: 0.102 ug/L  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

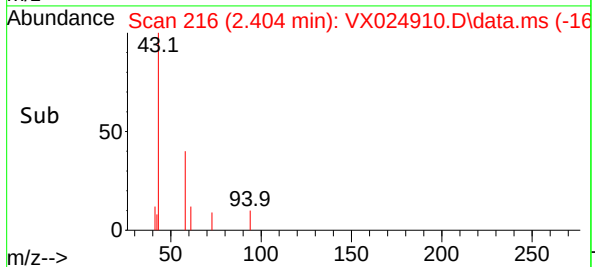
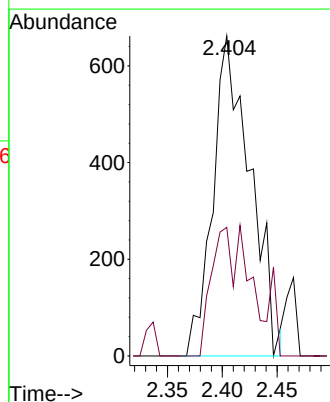
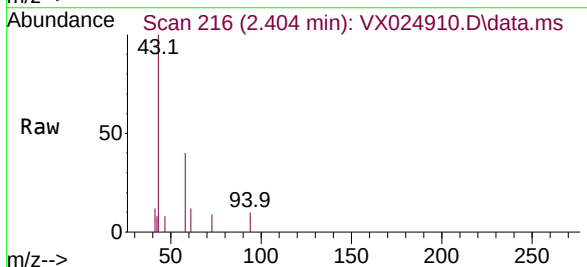
Instrument :  
MSVOA\_X  
ClientSampled :

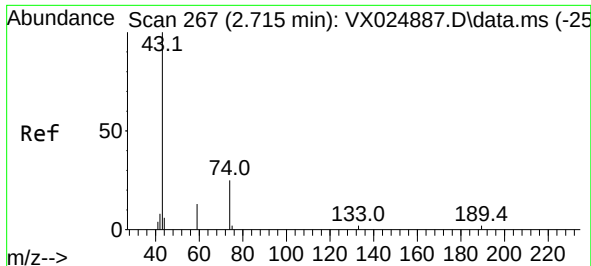
Tgt Ion: 64 Resp: 242  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.6 42.0#



#13  
Acetone  
Concen: 2.414 ug/L  
RT: 2.404 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

Tgt Ion: 43 Resp: 1564  
Ion Ratio Lower Upper  
43 100  
58 22.8 0.0 64.2

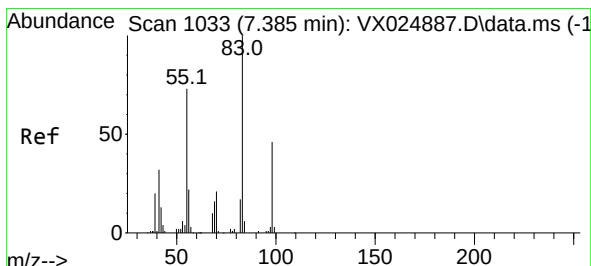
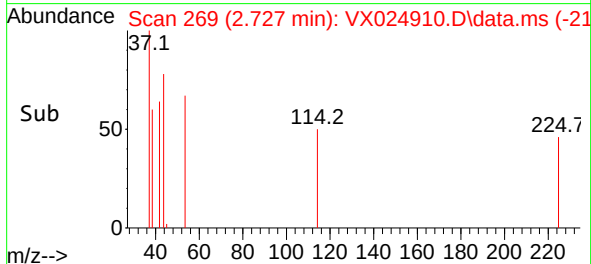
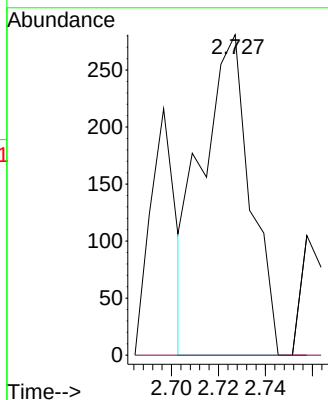
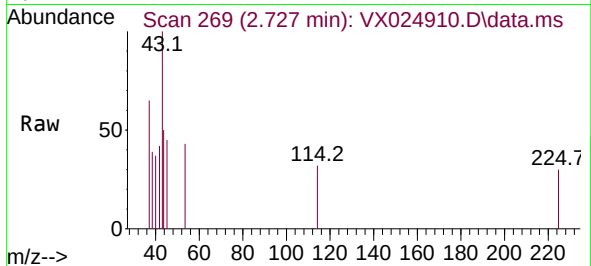




#15  
Methyl Acetate  
Concen: 0.274 ug/L  
RT: 2.727 min Scan# 269  
Delta R.T. 0.012 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

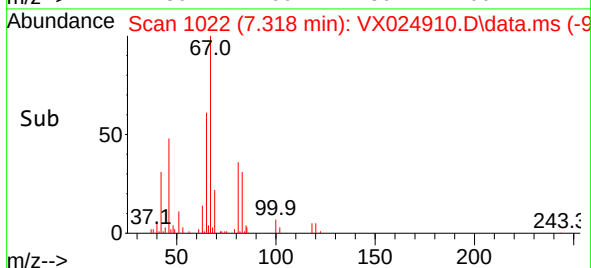
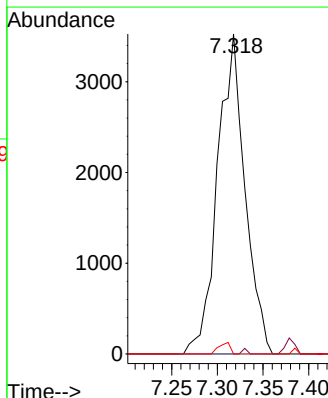
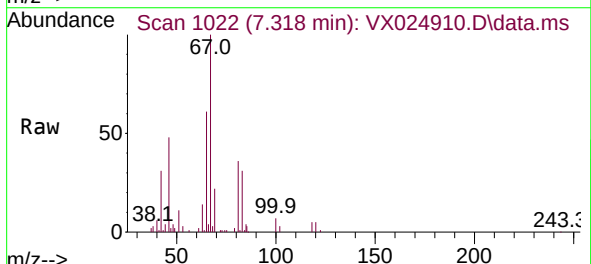
Instrument :  
MSVOA\_X  
ClientSampleId :

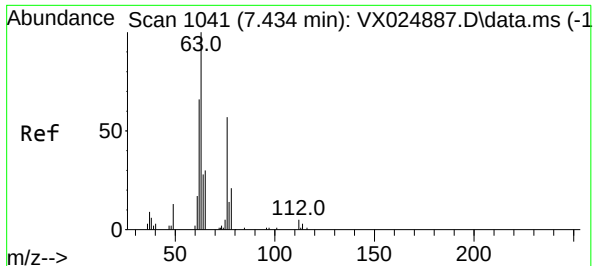
Tgt Ion: 43 Resp: 403  
Ion Ratio Lower Upper  
43 100  
74 0.0 26.8 40.2#



#35  
Methylcyclohexane  
Concen: 0.751 ug/L  
RT: 7.318 min Scan# 1022  
Delta R.T. -0.067 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

Tgt Ion: 83 Resp: 7355  
Ion Ratio Lower Upper  
83 100  
55 0.3 55.7 83.5#  
98 1.5 38.3 57.5#



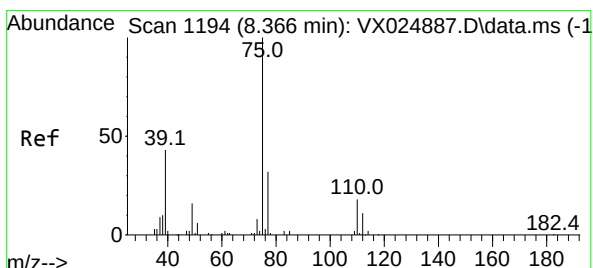
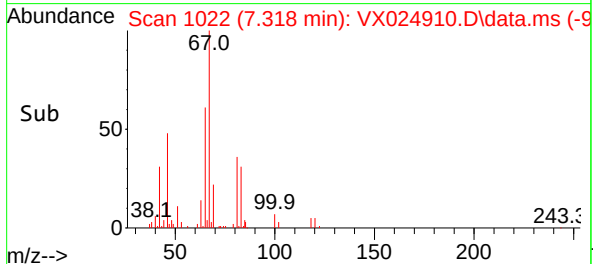
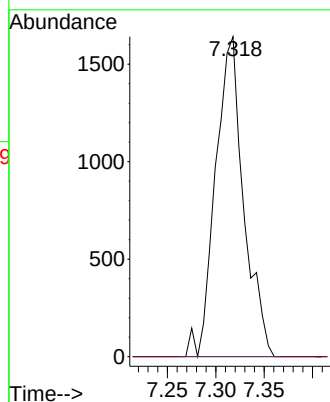
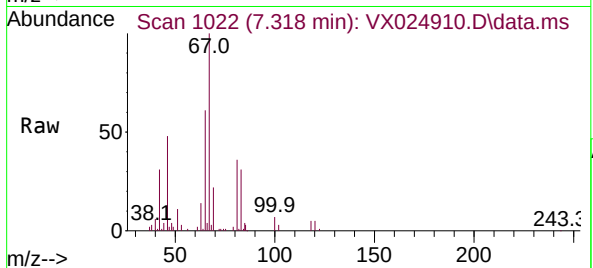


#37

1,2-Dichloropropane  
Concen: 0.633 ug/L  
RT: 7.318 min Scan# 1022  
Delta R.T. -0.116 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

Instrument :  
MSVOA\_X  
ClientSampled :

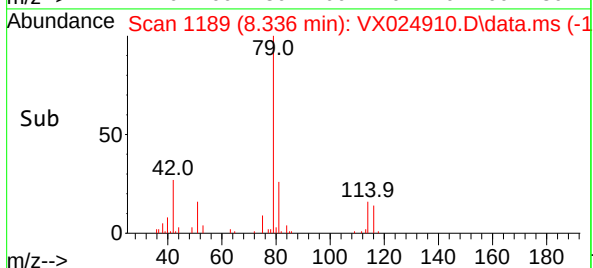
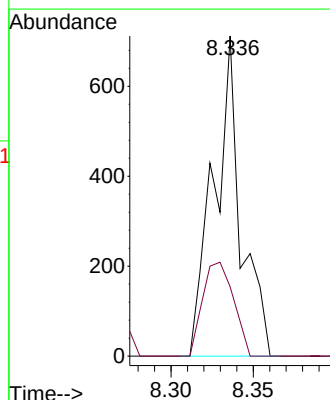
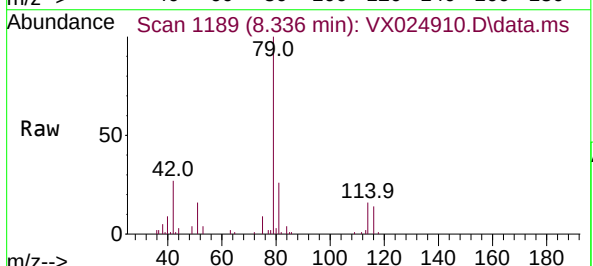
Tgt Ion: 63 Resp: 3331  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#

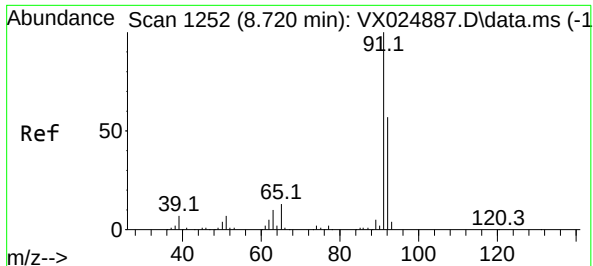


#39

cis-1,3-Dichloropropene  
Concen: 0.092 ug/L  
RT: 8.336 min Scan# 1189  
Delta R.T. -0.030 min  
Lab File: VX024910.D  
Acq: 23 Oct 2021 20:59

Tgt Ion: 75 Resp: 813  
Ion Ratio Lower Upper  
75 100  
77 21.6 20.9 38.9





#42

Toluene

Concen: 0.091 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024910.D

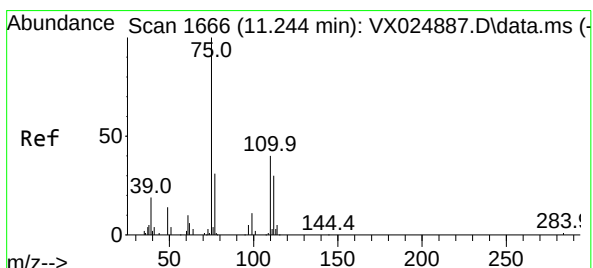
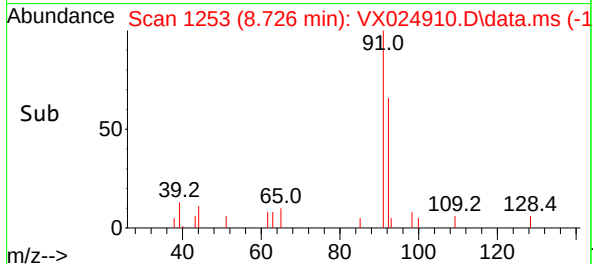
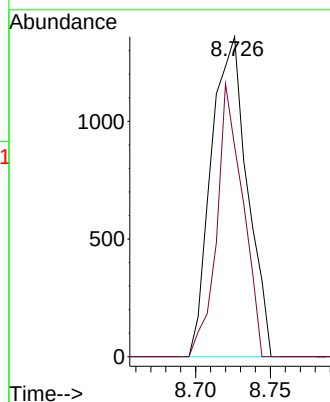
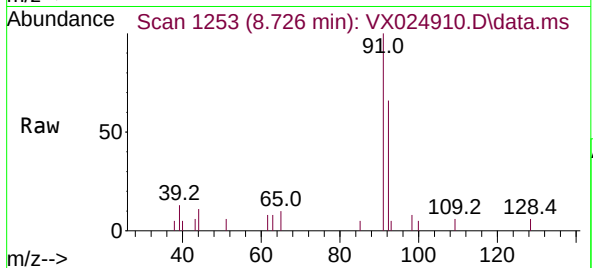
Acq: 23 Oct 2021 20:59

Tgt Ion: 91 Resp: 2281

Ion Ratio Lower Upper

91 100

92 65.7 39.1 72.5



#61

1,2,3-Trichloropropane

Concen: 1.337 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX024910.D

Acq: 23 Oct 2021 20:59

Tgt Ion: 75 Resp: 4469

Ion Ratio Lower Upper

75 100

77 38.0 28.1 42.1

110 4.5 34.7 52.1#

