

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020724\  
 Data File : VD078358.D  
 Acq On : 07 Feb 2024 12:04  
 Operator : RP/MD  
 Sample : VD0207SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 08 00:22:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Feb 08 00:21:59 2024  
 Response via : Initial Calibration

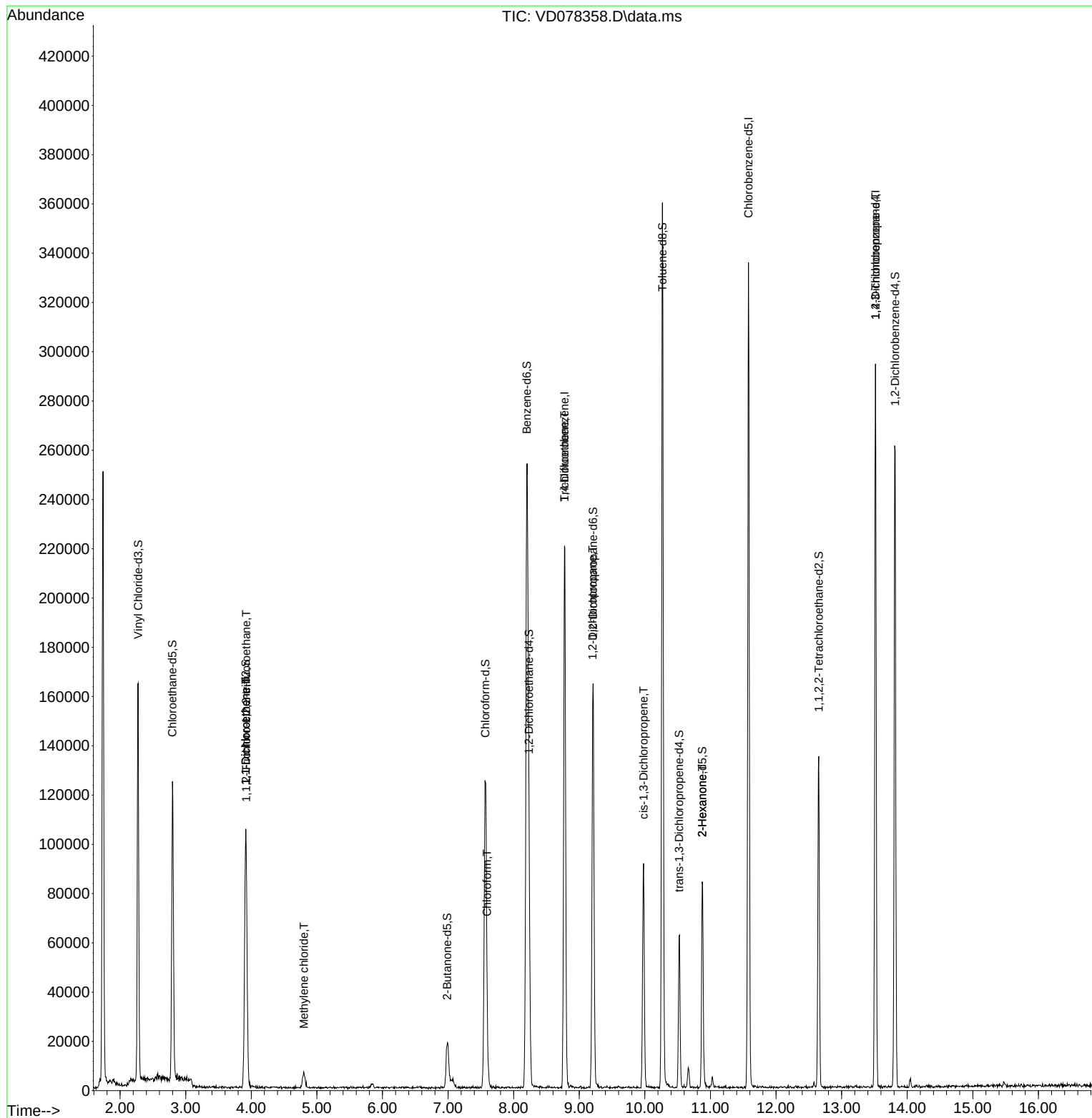
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 8.775     | 114            | 195754   | 25.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581    | 117            | 185999   | 25.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516    | 152            | 73761    | 25.000     | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 2.275     | 65             | 147027   | 26.473     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 105.880% |        |          |
| 7) Chloroethane-d5            | 2.799     | 69             | 122016   | 26.136     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 104.560% |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916     | 65             | 29990    | 25.009     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 110 | Recovery | = 100.040% |        |          |
| 21) 2-Butanone-d5             | 6.987     | 46             | 33991    | 41.569     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 83.140%  |        |          |
| 24) Chloroform-d              | 7.569     | 84             | 126843   | 22.726     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 40 - 150 | Recovery | = 90.920%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234     | 65             | 71572    | 23.762     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 130 | Recovery | = 95.040%  |        |          |
| 32) Benzene-d6                | 8.199     | 84             | 273648   | 25.161     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 20 - 135 | Recovery | = 100.640% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210     | 67             | 81358    | 24.299     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 120 | Recovery | = 97.200%  |        |          |
| 41) Toluene-d8                | 10.269    | 98             | 244882   | 25.068     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 130 | Recovery | = 100.280% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.522    | 79             | 34047    | 22.774     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 135 | Recovery | = 91.080%  |        |          |
| 47) 2-Hexanone-d5             | 10.875    | 63             | 29616    | 43.597     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 87.200%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651    | 84             | 67359    | 21.650     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 120 | Recovery | = 86.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816    | 152            | 67806    | 25.678     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 75 - 120 | Recovery | = 102.720% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.922     | 101            | 816      | 0.266      | ug/L # | 22       |
| 12) 1,1-Dichloroethene        | 3.916     | 96             | 720      | 0.253      | ug/L # | 1        |
| 16) Methylene chloride        | 4.805     | 84             | 4476     | 1.166      | ug/L   | 97       |
| 25) Chloroform                | 7.593     | 83             | 9997     | 1.672      | ug/L   | 95       |
| 34) Trichloroethene           | 8.775     | 95             | 5593     | 1.767      | ug/L # | 3        |
| 37) 1,2-Dichloropropane       | 9.204     | 63             | 8792     | 2.662      | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 9.981     | 75             | 2670     | 0.519      | ug/L # | 29       |
| 48) 2-Hexanone                | 10.875    | 43             | 3733     | 2.231      | ug/L # | 62       |
| 61) 1,2,3-Trichloropropane    | 13.516    | 75             | 10423    | 5.540      | ug/L # | 66       |
| -----                         |           |                |          |            |        |          |

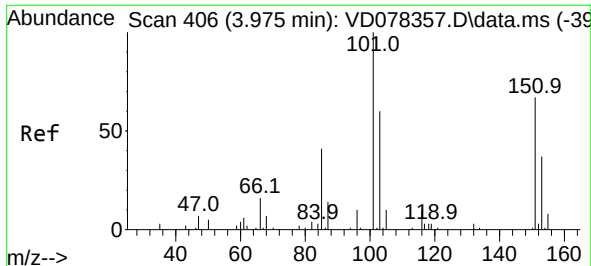
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD078358\  
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Acq On : 07 Feb 2024 12:04  
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Sample : VD0207SBL01  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Feb 08 00:22:48 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Feb 08 00:21:59 2024  
Response via : Initial Calibration

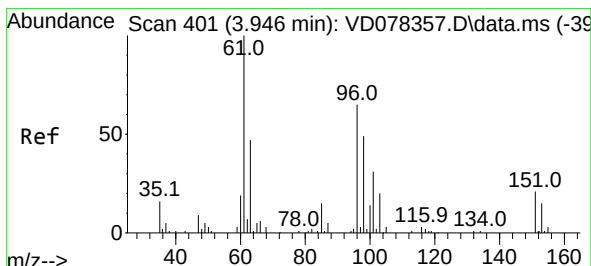
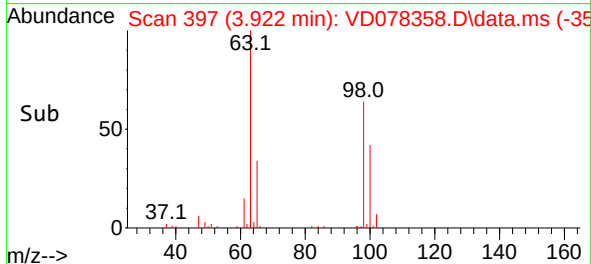
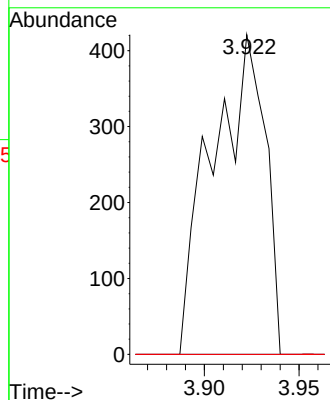
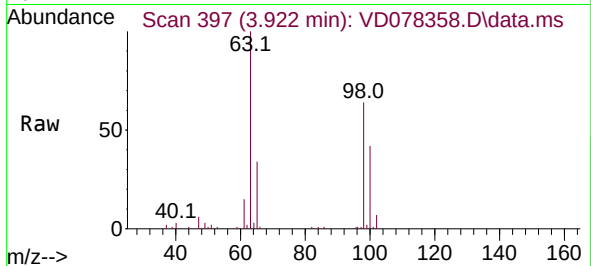




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.266 ug/L  
 RT: 3.922 min Scan# 397  
 Delta R.T. -0.053 min  
 Lab File: VD078358.D  
 Acq: 07 Feb 2024 12:04

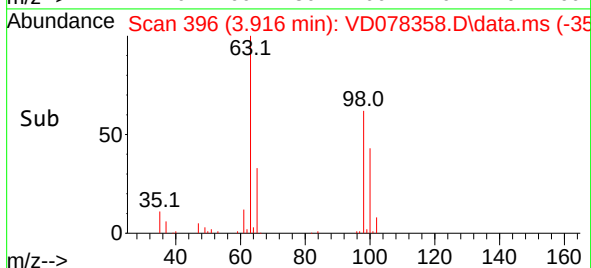
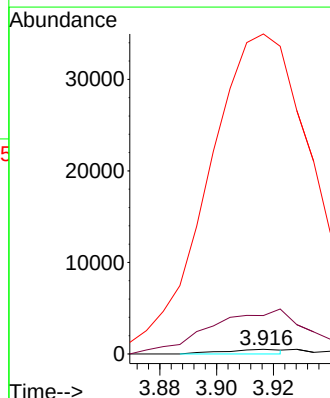
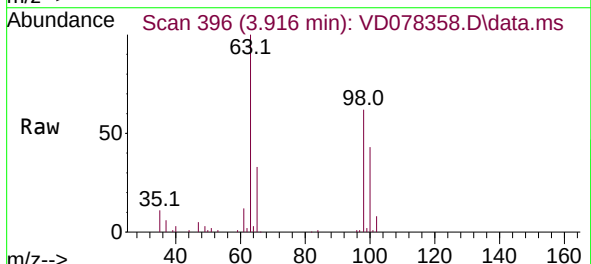
Instrument :  
 MSVOA\_D  
 ClientSampleId :

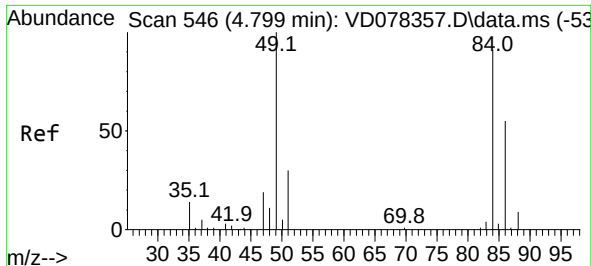
Tgt Ion:101 Resp: 816  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 54.6 81.8#



#12  
 1,1-Dichloroethene  
 Concen: 0.253 ug/L  
 RT: 3.916 min Scan# 396  
 Delta R.T. -0.029 min  
 Lab File: VD078358.D  
 Acq: 07 Feb 2024 12:04

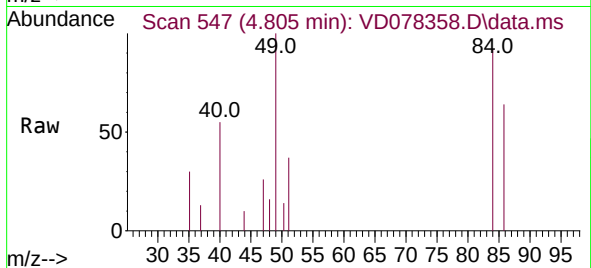
Tgt Ion: 96 Resp: 720  
 Ion Ratio Lower Upper  
 96 100  
 61 830.1 108.8 202.2#  
 63 6922.8 65.2 121.0#



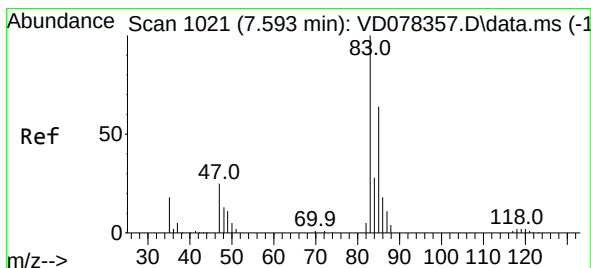
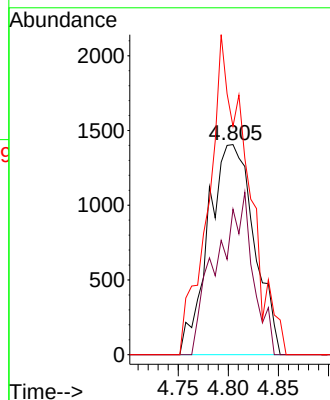
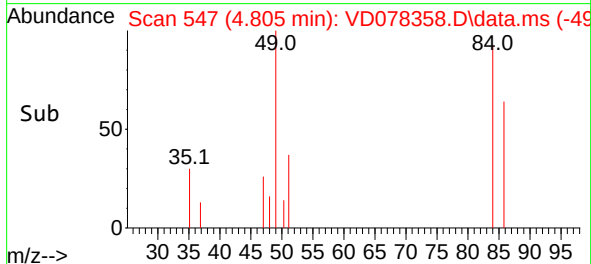


#16  
Methylene chloride  
Concen: 1.166 ug/L  
RT: 4.805 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VD078358.D  
Acq: 07 Feb 2024 12:04

Instrument :  
MSVOA\_D  
ClientSampleId :

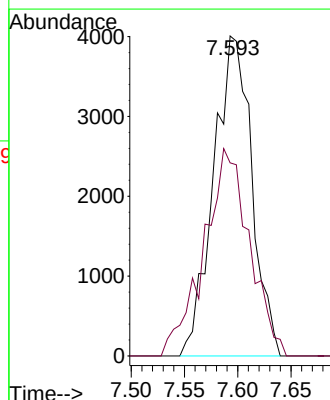
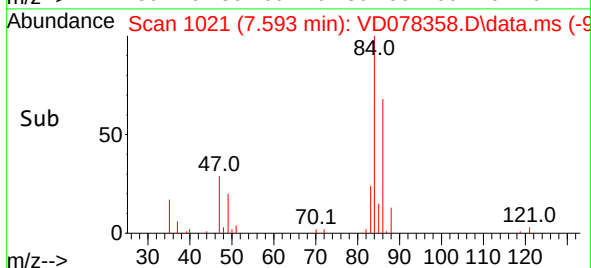
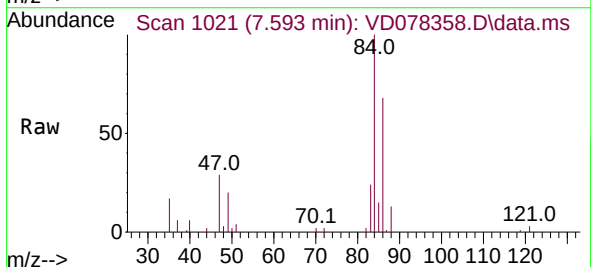


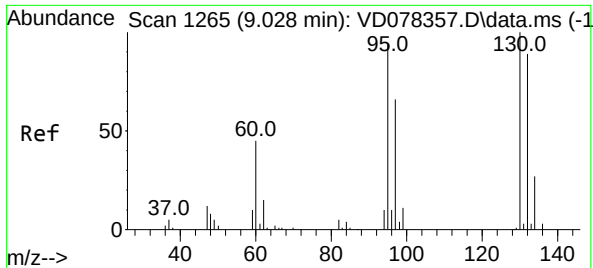
Tgt Ion: 84 Resp: 4476  
Ion Ratio Lower Upper  
84 100  
86 69.2 45.4 84.2  
49 108.7 77.3 143.7



#25  
Chloroform  
Concen: 1.672 ug/L  
RT: 7.593 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: VD078358.D  
Acq: 07 Feb 2024 12:04

Tgt Ion: 83 Resp: 9997  
Ion Ratio Lower Upper  
83 100  
85 60.4 44.9 83.3





#34

Trichloroethene

Concen: 1.767 ug/L

RT: 8.775 min Scan# 1295

Delta R.T. -0.253 min

Lab File: VD078358.D

Acq: 07 Feb 2024 12:04

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 95 Resp: 5593

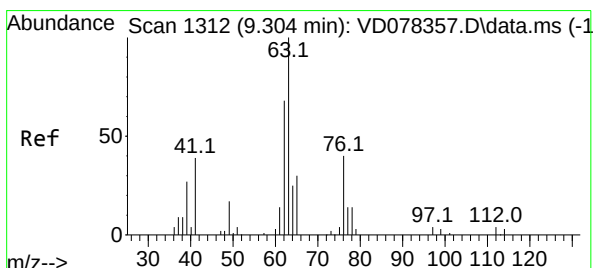
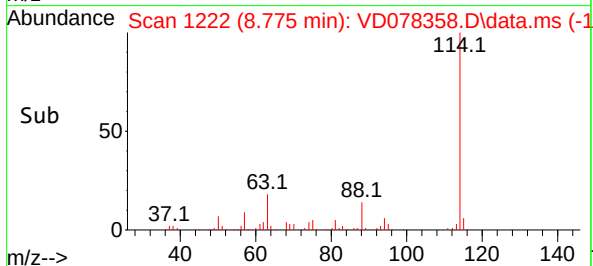
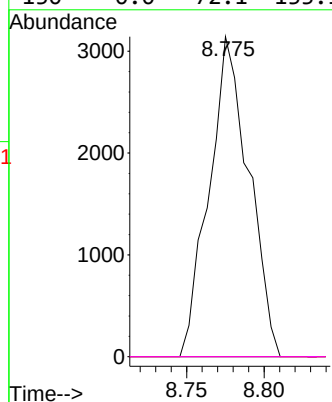
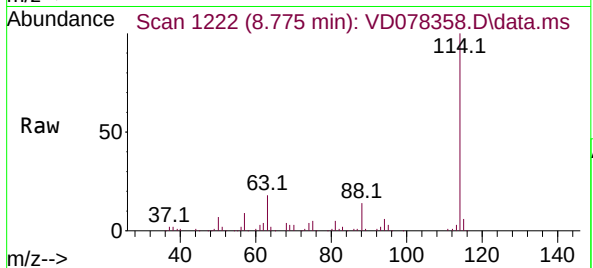
Ion Ratio Lower Upper

95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#



#37

1,2-Dichloropropane

Concen: 2.662 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD078358.D

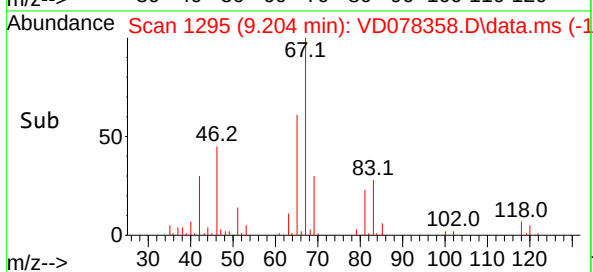
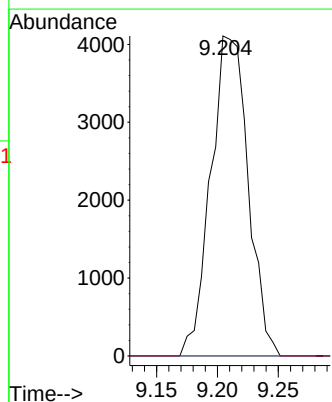
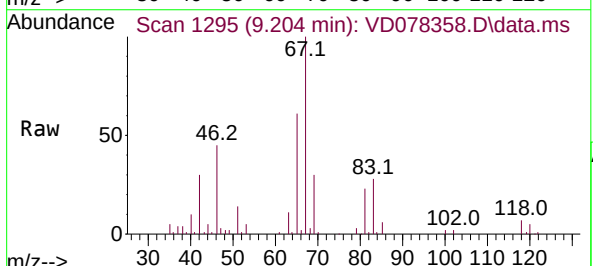
Acq: 07 Feb 2024 12:04

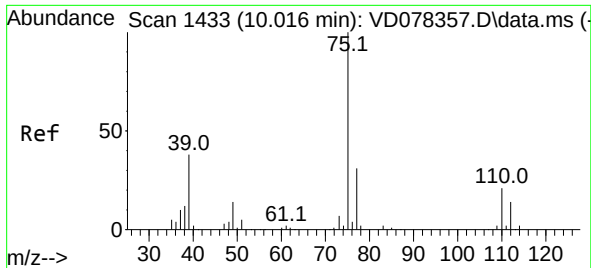
Tgt Ion: 63 Resp: 8792

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

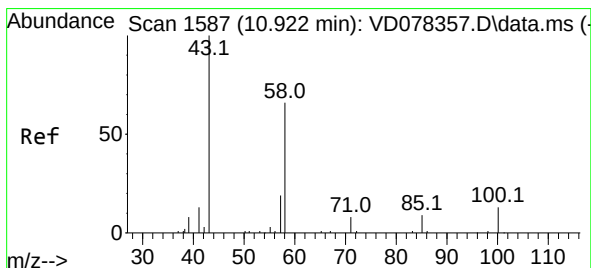
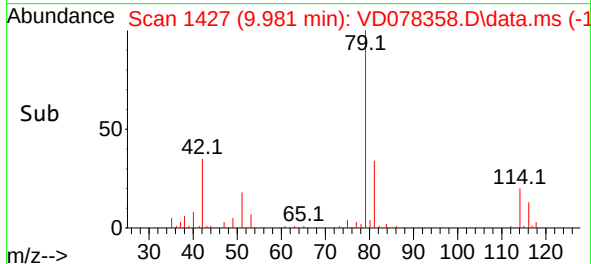
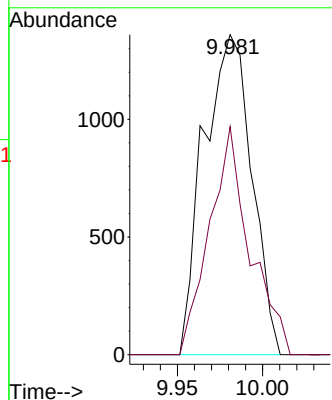
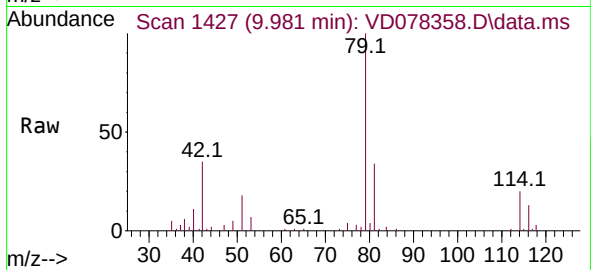




#39  
cis-1,3-Dichloropropene  
Concen: 0.519 ug/L  
RT: 9.981 min Scan# 1433  
Delta R.T. -0.035 min  
Lab File: VD078358.D  
Acq: 07 Feb 2024 12:04

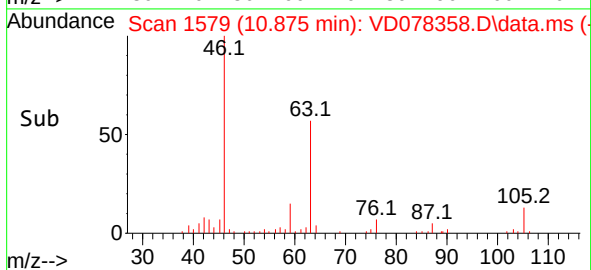
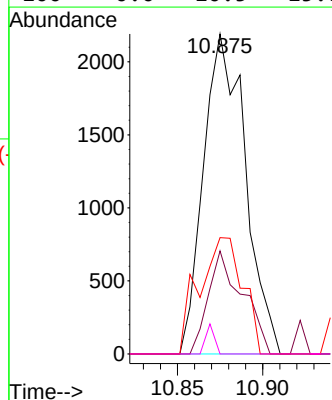
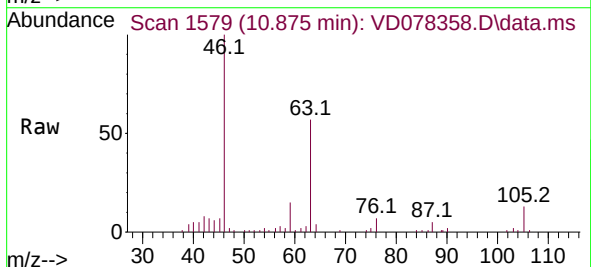
Instrument :  
MSVOA\_D  
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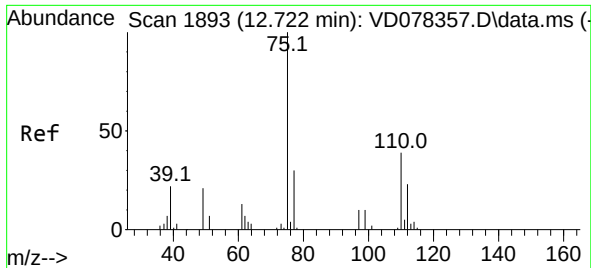
Tgt Ion: 75 Resp: 2670  
Ion Ratio Lower Upper  
75 100  
77 71.3 22.3 41.5#



#48  
2-Hexanone  
Concen: 2.231 ug/L  
RT: 10.875 min Scan# 1579  
Delta R.T. -0.047 min  
Lab File: VD078358.D  
Acq: 07 Feb 2024 12:04

Tgt Ion: 43 Resp: 3733  
Ion Ratio Lower Upper  
43 100  
58 26.4 48.5 72.7#  
57 29.2 15.6 23.4#  
100 0.0 10.5 15.7#





#61

1,2,3-Trichloropropane

Concen: 5.540 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.794 min

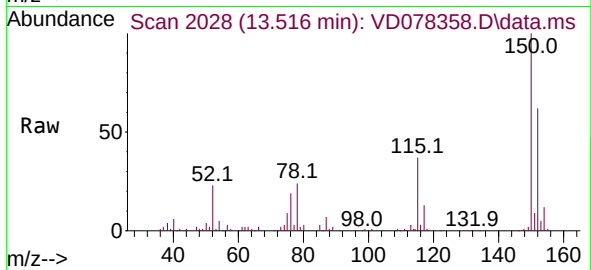
Lab File: VD078358.D

Acq: 07 Feb 2024 12:04

Instrument :

MSVOA\_D

ClientSampleId :



Tgt Ion: 75 Resp: 10423

Ion Ratio Lower Upper

75 100

77 30.7 26.5 39.7

110 3.3 31.8 47.8#

