

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053024\  
 Data File : VD079092.D  
 Acq On : 30 May 2024 13:24  
 Operator : RP/MD  
 Sample : VIBLK  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: May 31 01:56:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 31 01:52:18 2024  
 Response via : Initial Calibration

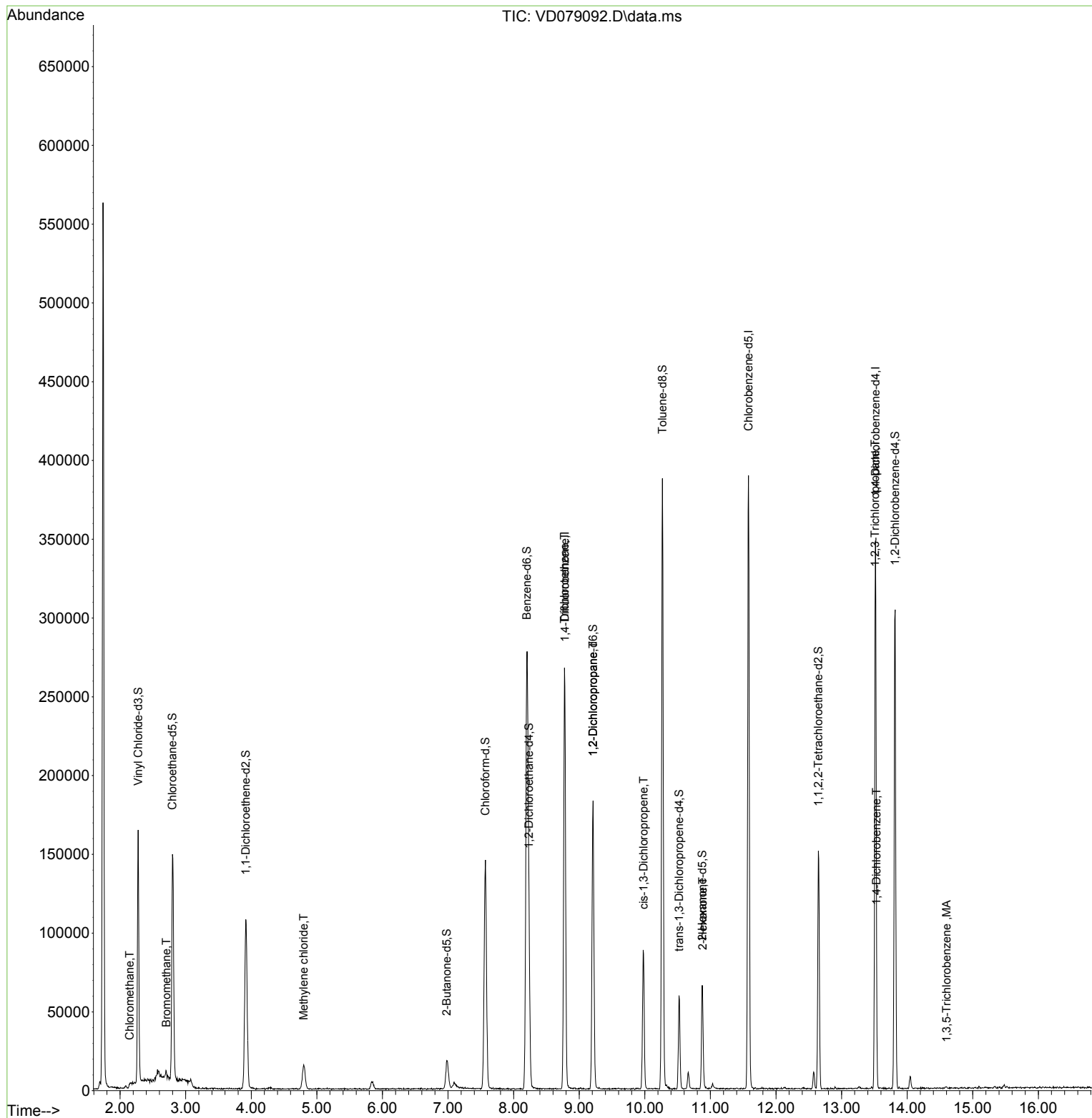
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 257659     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 247531     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 102969     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.276          | 65   | 152382     | 19.219   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.880%  |        |          |
| 7) Chloroethane-d5            | 2.799          | 69   | 162752     | 21.228   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.920%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.917          | 65   | 29598      | 21.028   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 84.120%  |        |          |
| 21) 2-Butanone-d5             | 6.981          | 46   | 31713      | 52.292   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 104.580% |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 158770     | 22.038   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.160%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 77042      | 23.182   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 92.720%  |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 319532     | 23.286   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 93.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 91939      | 23.259   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.040%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 280082     | 21.799   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 87.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 34385      | 20.696   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.800%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 23753      | 46.483   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 92.960%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646         | 84   | 77471      | 22.127   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 88.520%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 90339      | 25.421   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 101.680% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 3) Chloromethane              | 2.146          | 50   | 1801       | 0.331    | ug/L   | 87       |
| 6) Bromomethane               | 2.705          | 94   | 2989       | 0.432    | ug/L   | 97       |
| 16) Methylene chloride        | 4.799          | 84   | 13142      | 2.863    | ug/L   | 85       |
| 34) Trichloroethene           | 8.775          | 95   | 6783       | 1.786    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 9.210          | 63   | 8983       | 2.488    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.981          | 75   | 2368       | 0.420    | ug/L # | 78       |
| 48) 2-Hexanone                | 10.881         | 43   | 2564       | 1.966    | ug/L # | 49       |
| 61) 1,2,3-Trichloropropane    | 13.510         | 75   | 10928      | 6.011    | ug/L # | 63       |
| 65) 1,4-Dichlorobenzene       | 13.534         | 146  | 1182       | 0.171    | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 14.598         | 180  | 551        | 0.134    | ug/L # | 39       |
| -----                         |                |      |            |          |        |          |

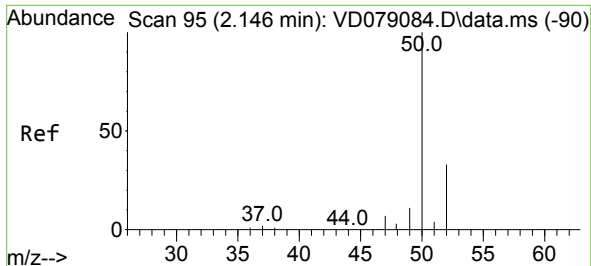
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053024\  
Data File : VD079092.D  
Acq On : 30 May 2024 13:24  
Operator : RP/MD  
Sample : VIBLK  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

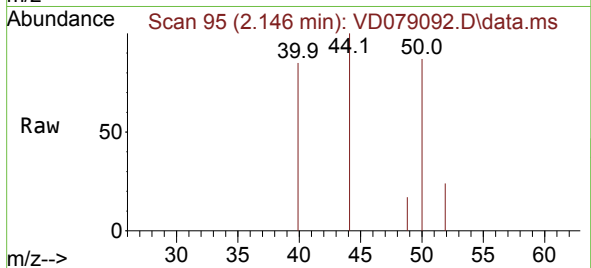
Quant Time: May 31 01:56:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 31 01:52:18 2024  
Response via : Initial Calibration



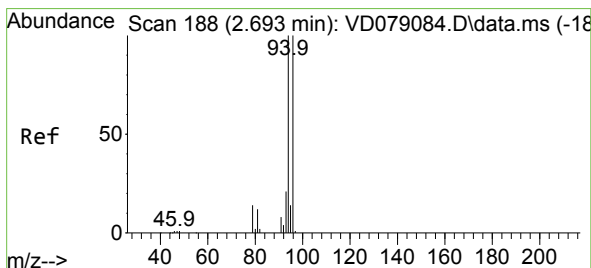
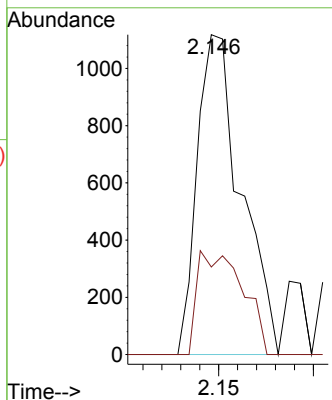
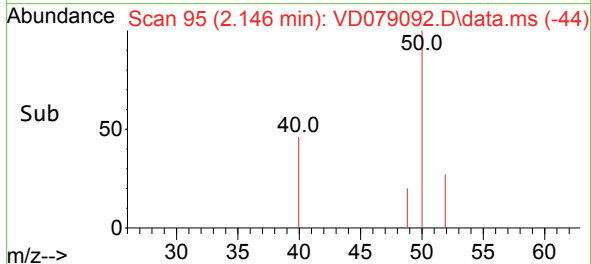


#3  
Chloromethane  
Concen: 0.331 ug/L  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24

Instrument :  
MSVOA\_D  
ClientSampleId :

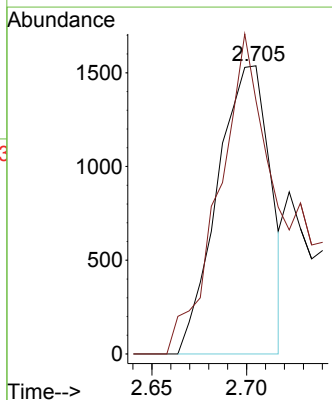
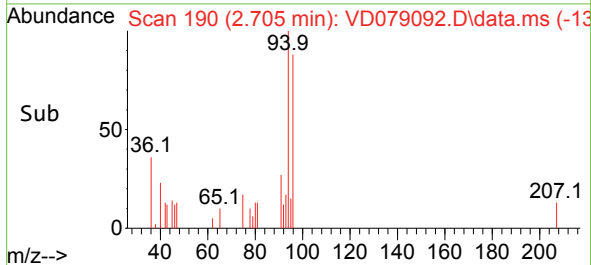
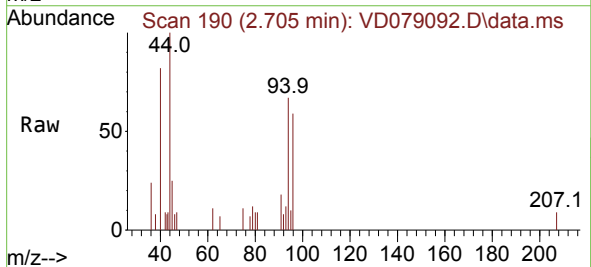


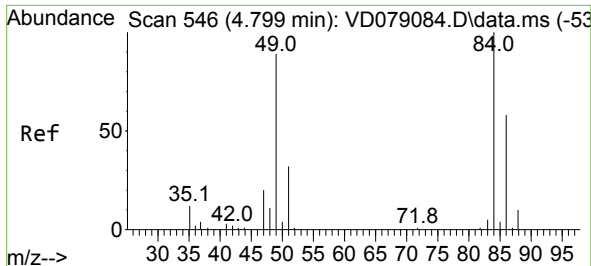
Tgt Ion: 50 Resp: 1801  
Ion Ratio Lower Upper  
50 100  
52 27.4 24.4 45.2



#6  
Bromomethane  
Concen: 0.432 ug/L  
RT: 2.705 min Scan# 190  
Delta R.T. 0.012 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24

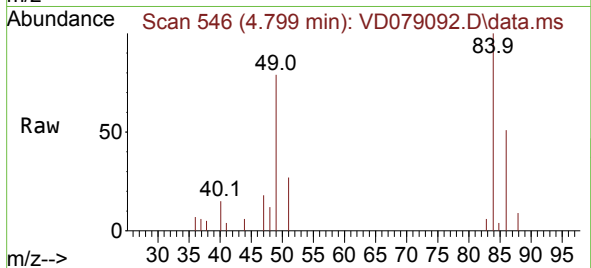
Tgt Ion: 94 Resp: 2989  
Ion Ratio Lower Upper  
94 100  
96 88.0 63.6 118.2



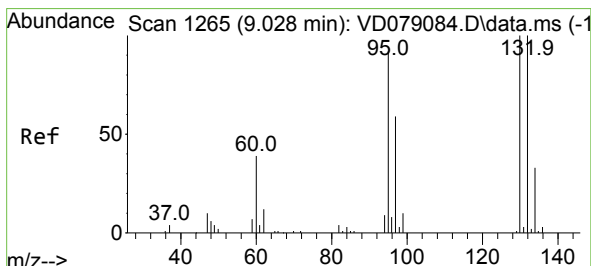
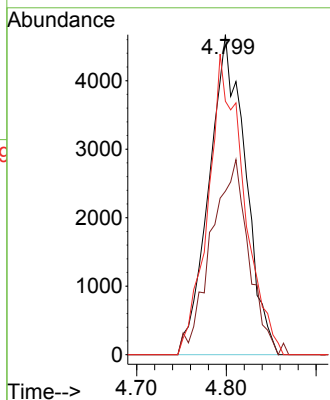
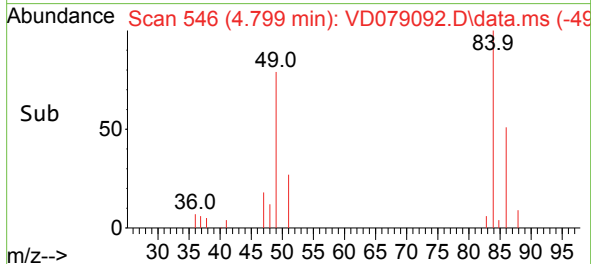


#16  
Methylene chloride  
Concen: 2.863 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24

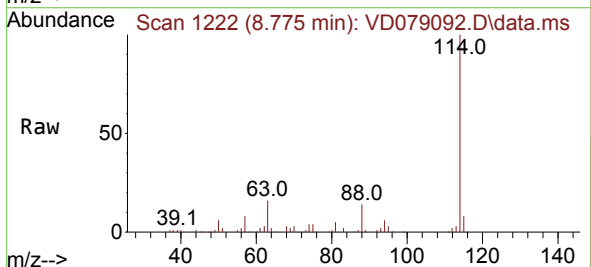
Instrument :  
MSVOA\_D  
ClientSampleId :



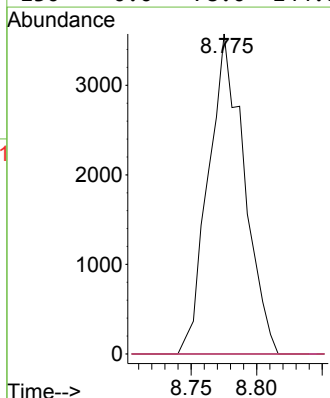
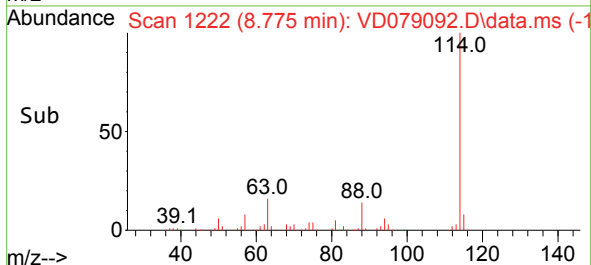
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 13142 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 86 51.1     | 40.9 76.0   |
| 49 79.2     | 67.5 125.3  |

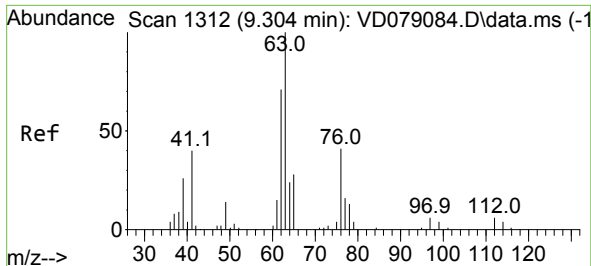


#34  
Trichloroethene  
Concen: 1.786 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24



|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 6783  |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 0.0      | 44.6 82.8#  |
| 132 0.0     | 74.9 139.1# |
| 130 0.0     | 78.0 144.8# |





#37

1,2-Dichloropropane

Concen: 2.488 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD079092.D

Acq: 30 May 2024 13:24

Instrument :

MSVOA\_D

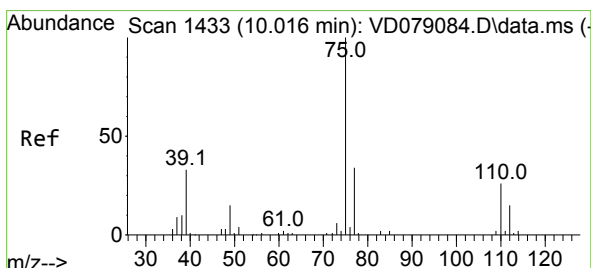
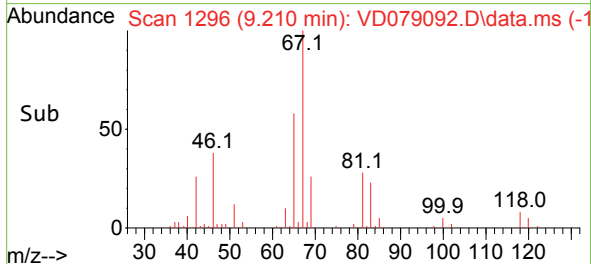
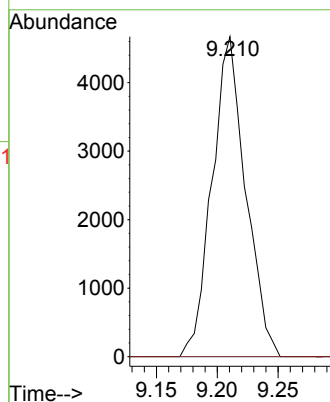
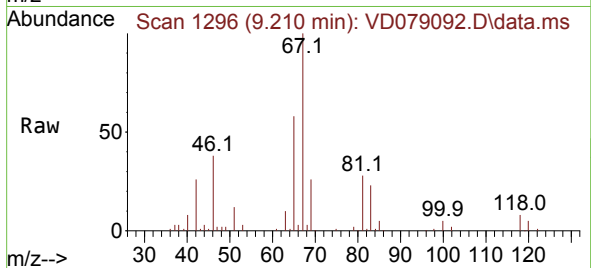
ClientSampleId :

Tgt Ion: 63 Resp: 8983

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079092.D

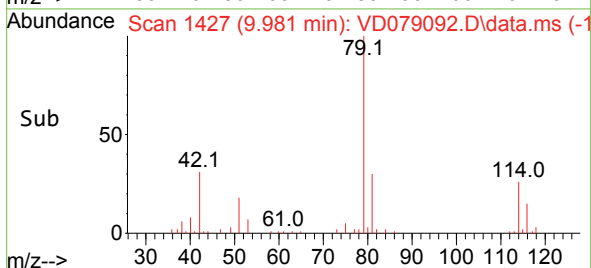
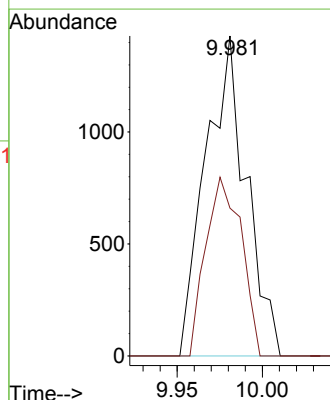
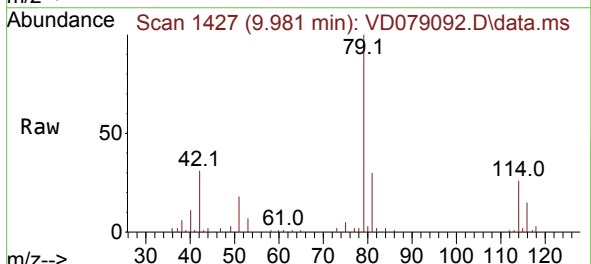
Acq: 30 May 2024 13:24

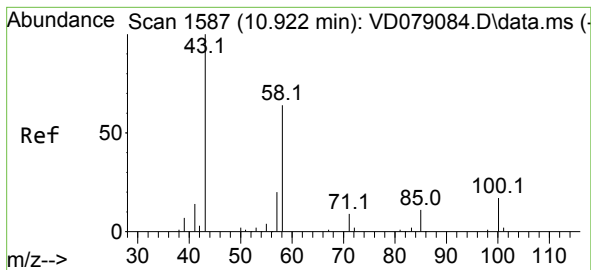
Tgt Ion: 75 Resp: 2368

Ion Ratio Lower Upper

75 100

77 46.2 23.4 43.4#





#48

2-Hexanone

Concen: 1.966 ug/L

RT: 10.881 min Scan# 1

Delta R.T. -0.041 min

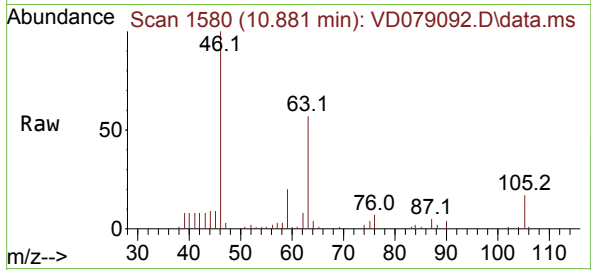
Lab File: VD079092.D

Acq: 30 May 2024 13:24

Instrument :

MSVOA\_D

ClientSampleId :



Tgt Ion: 43 Resp: 2564

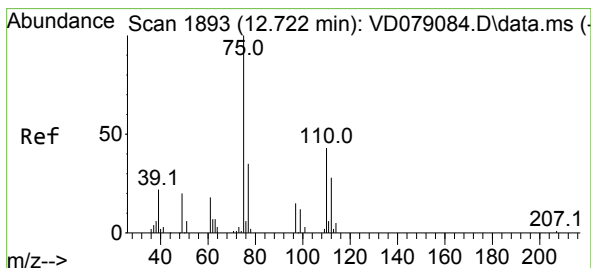
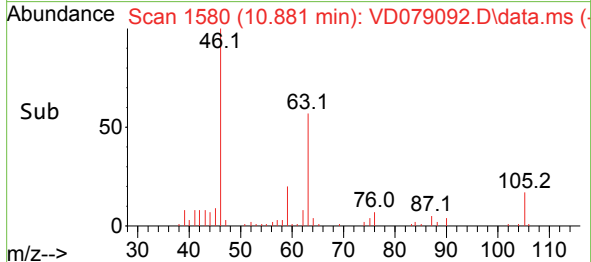
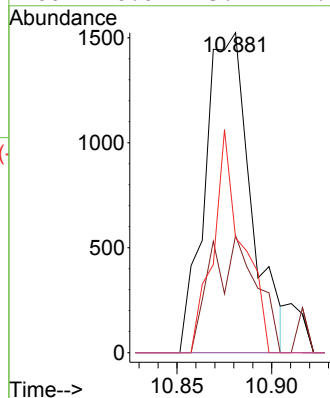
Ion Ratio Lower Upper

43 100

58 21.5 50.1 75.1#

57 44.3 16.5 24.7#

100 0.0 15.2 22.8#



#61

1,2,3-Trichloropropane

Concen: 6.011 ug/L

RT: 13.510 min Scan# 2027

Delta R.T. 0.788 min

Lab File: VD079092.D

Acq: 30 May 2024 13:24

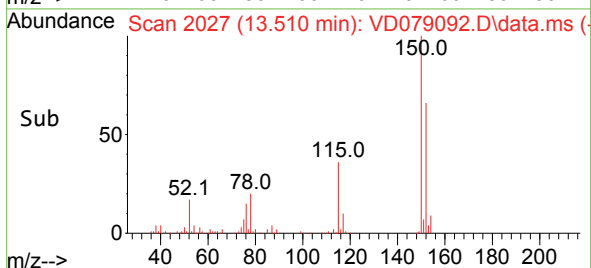
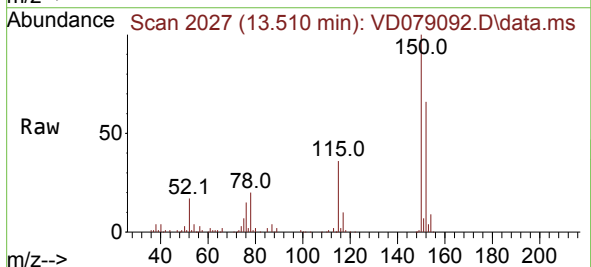
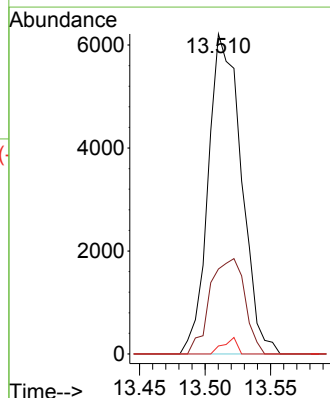
Tgt Ion: 75 Resp: 10928

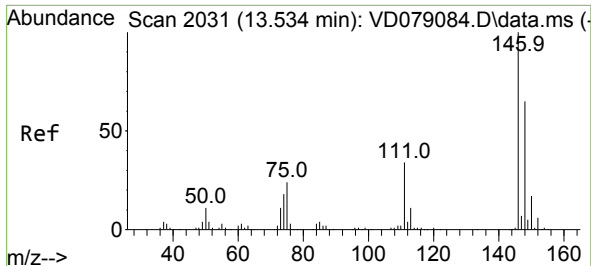
Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9

110 2.1 34.2 51.4#

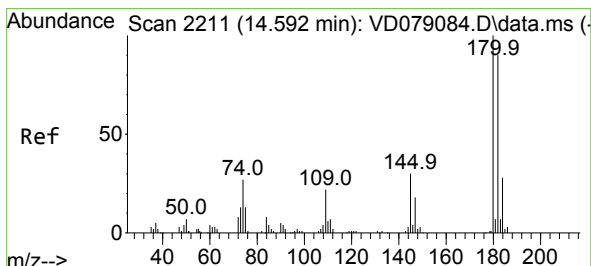
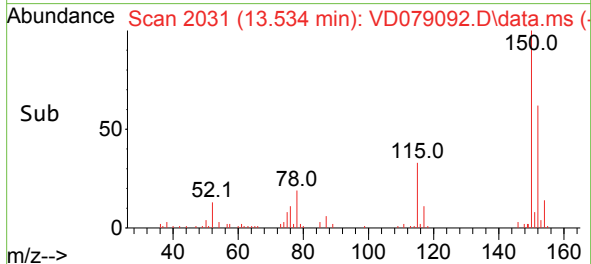
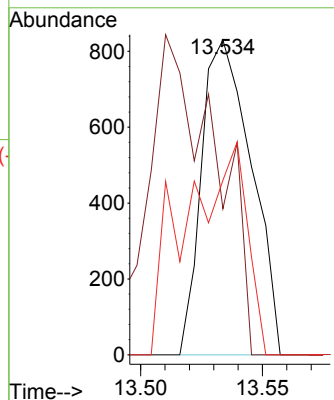
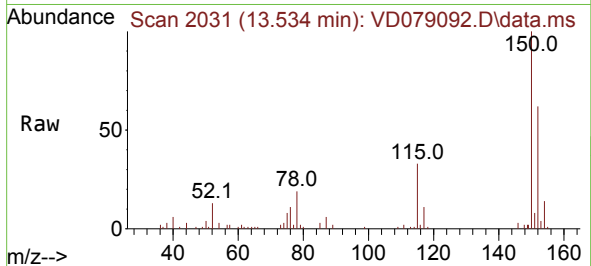




#65  
1,4-Dichlorobenzene  
Concen: 0.171 ug/L  
RT: 13.534 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:146 Resp: 1182  
Ion Ratio Lower Upper  
146 100  
111 46.4 26.3 48.9  
148 55.4 43.1 80.1



#69  
1,3,5-Trichlorobenzene  
Concen: 0.134 ug/L  
RT: 14.598 min Scan# 2212  
Delta R.T. 0.006 min  
Lab File: VD079092.D  
Acq: 30 May 2024 13:24

Tgt Ion:180 Resp: 551  
Ion Ratio Lower Upper  
180 100  
182 21.4 76.9 115.3#  
184 0.0 23.3 34.9#  
145 21.1 22.7 34.1#

