

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092724\  
 Data File : VD079919.D  
 Acq On : 27 Sep 2024 13:46  
 Operator : RP/MD  
 Sample : VD0927SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 27 23:38:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM091024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 27 23:37:15 2024  
 Response via : Initial Calibration

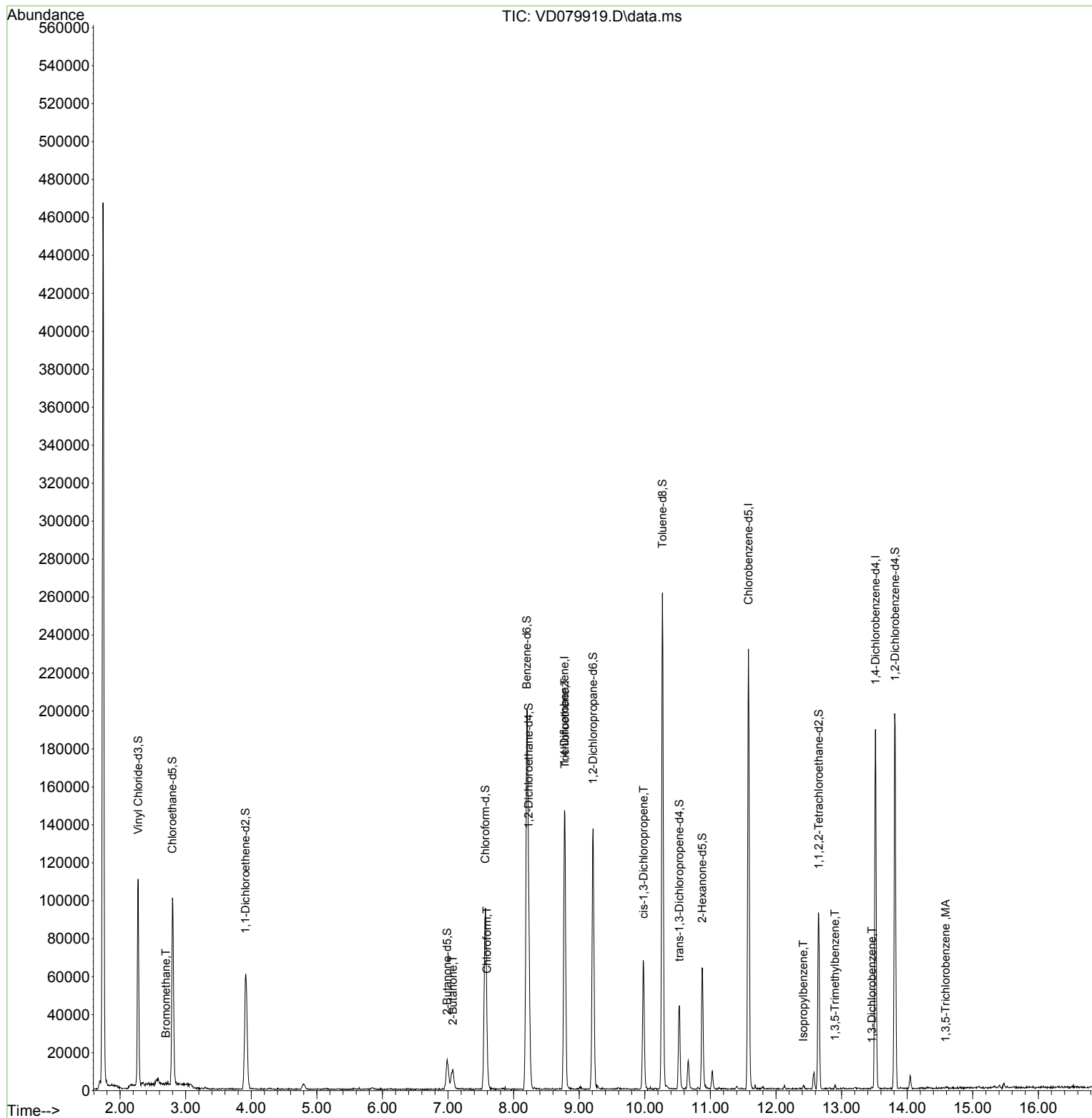
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 126494   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 128721   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 48353    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 100764   | 18.319   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.280%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 102804   | 23.607   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.440%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 12270    | 12.286   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.160%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 26242    | 51.349   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.700% |
| 24) Chloroform-d              | 7.569  | 84    | 100408   | 24.148   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 96.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 55272    | 25.421   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 101.680% |
| 32) Benzene-d6                | 8.199  | 84    | 199198   | 21.920   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 65524    | 23.542   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.160%  |
| 41) Toluene-d8                | 10.269 | 98    | 172286   | 21.544   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 86.160%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 26104    | 21.815   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 87.280%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 22106    | 48.723   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 97.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 48778    | 23.849   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 95.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 47336    | 25.959   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.840% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 6) Bromomethane               | 2.699  | 94    | 652      | 0.250    | ug/L # | 71       |
| 22) 2-Butanone                | 7.075  | 43    | 677      | 0.926    | ug/L # | 49       |
| 25) Chloroform                | 7.593  | 83    | 5433     | 1.283    | ug/L   | 80       |
| 34) Trichloroethene           | 8.781  | 95    | 3820     | 1.725    | ug/L # | 8        |
| 39) cis-1,3-Dichloropropene   | 9.981  | 75    | 2352     | 0.641    | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.416 | 105   | 1017     | 0.122    | ug/L # | 87       |
| 62) 1,3,5-Trimethylbenzene    | 12.898 | 105   | 772      | 0.126    | ug/L # | 83       |
| 64) 1,3-Dichlorobenzene       | 13.463 | 146   | 562      | 0.163    | ug/L # | 62       |
| 69) 1,3,5-Trichlorobenzene    | 14.587 | 180   | 397      | 0.190    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

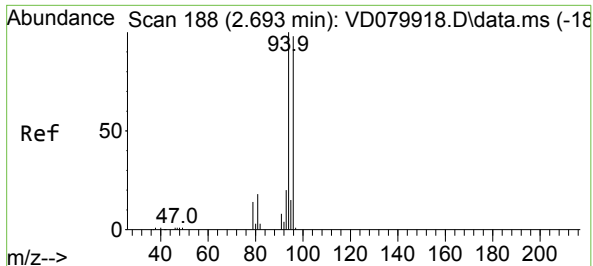
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092724\  
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Sample : VD0927SBL01  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

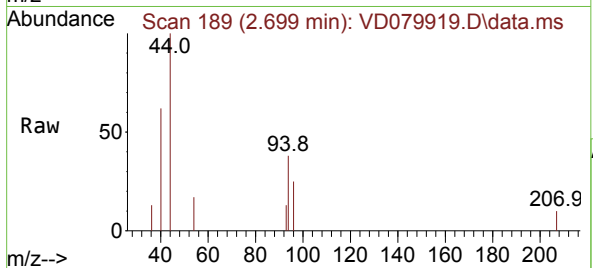
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Quant Title : SFAM01.0  
QLast Update : Fri Sep 27 23:37:15 2024  
Response via : Initial Calibration



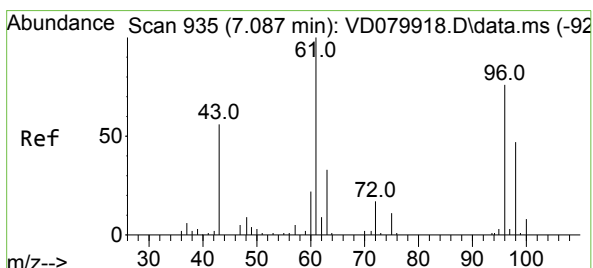
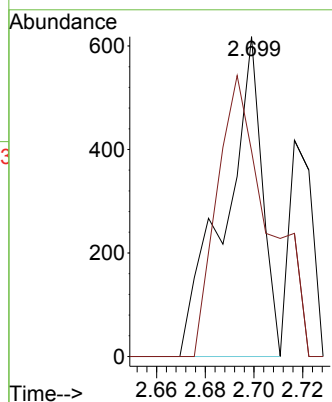
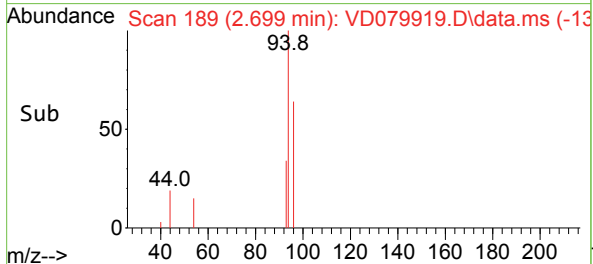


#6  
Bromomethane  
Concen: 0.250 ug/L  
RT: 2.699 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD079919.D  
Acq: 27 Sep 2024 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

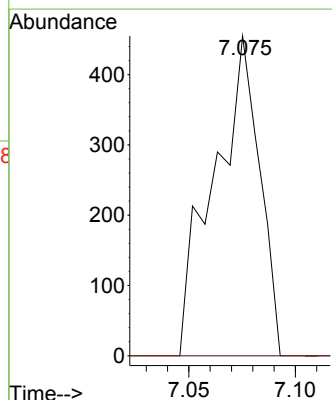
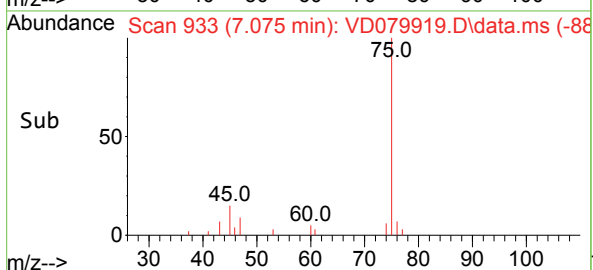
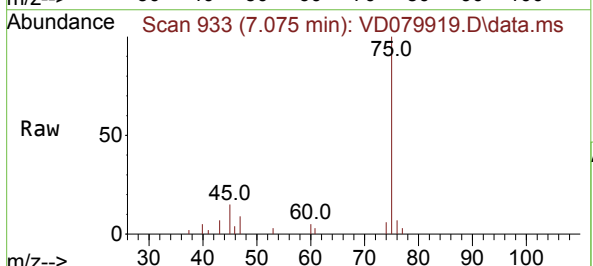


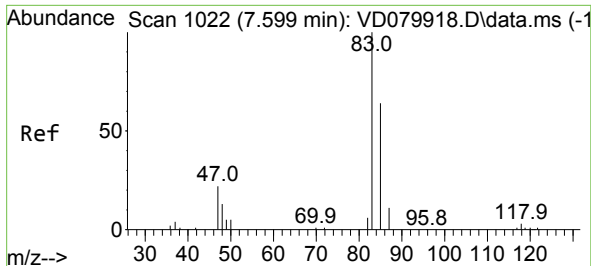
Tgt Ion: 94 Resp: 652  
Ion Ratio Lower Upper  
94 100  
96 64.2 64.3 119.5#



#22  
2-Butanone  
Concen: 0.926 ug/L  
RT: 7.075 min Scan# 933  
Delta R.T. -0.012 min  
Lab File: VD079919.D  
Acq: 27 Sep 2024 13:46

Tgt Ion: 43 Resp: 677  
Ion Ratio Lower Upper  
43 100  
72 0.0 13.1 39.3#





#25

Chloroform

Concen: 1.283 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD079919.D

Acq: 27 Sep 2024 13:46

Instrument :

MSVOA\_D

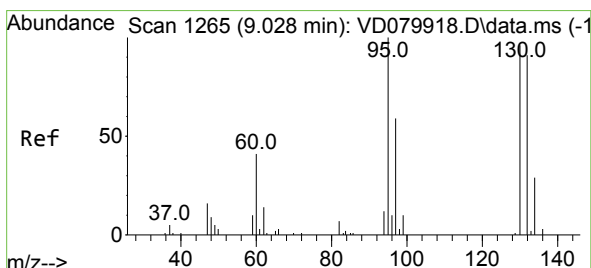
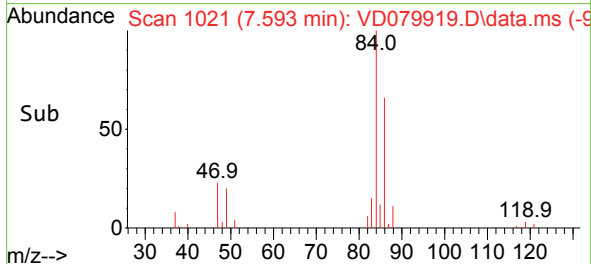
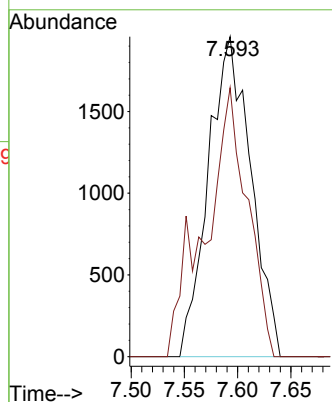
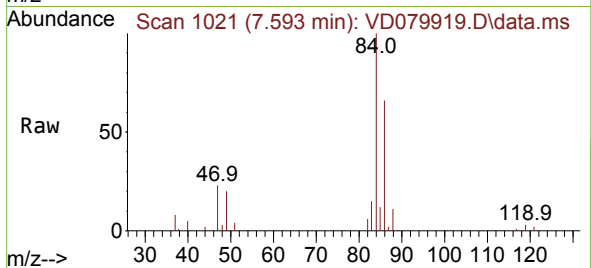
ClientSampleId :

Tgt Ion: 83 Resp: 5433

Ion Ratio Lower Upper

83 100

85 84.1 47.3 87.9



#34

Trichloroethene

Concen: 1.725 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD079919.D

Acq: 27 Sep 2024 13:46

Tgt Ion: 95 Resp: 3820

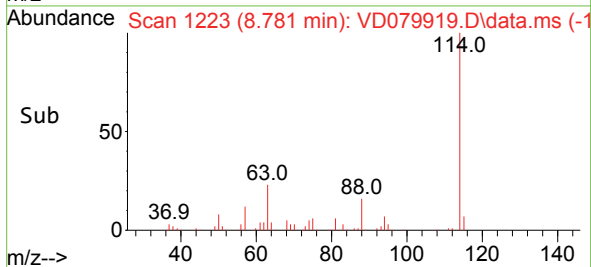
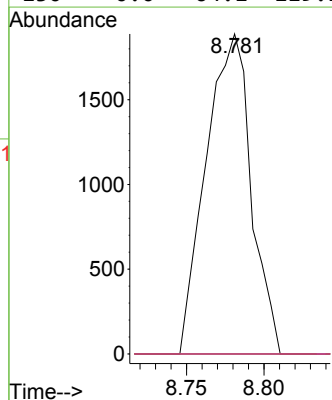
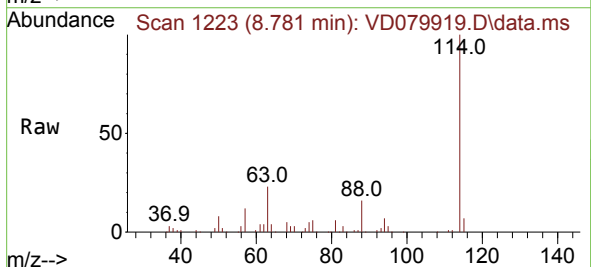
Ion Ratio Lower Upper

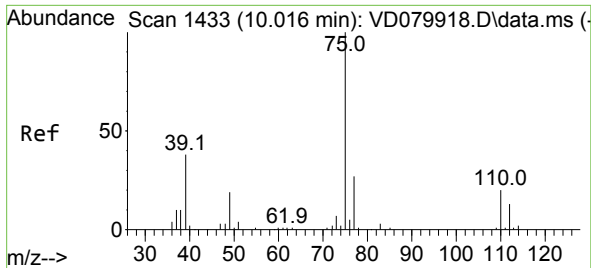
95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#





#39

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD079919.D

Acq: 27 Sep 2024 13:46

Instrument :

MSVOA\_D

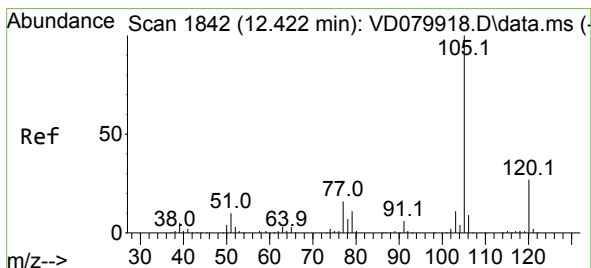
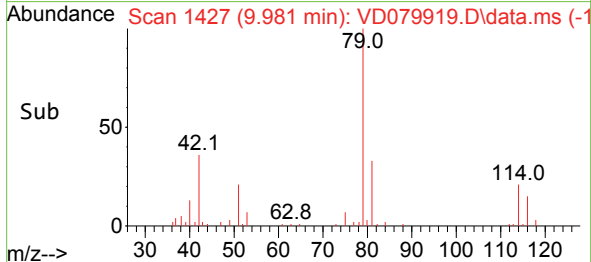
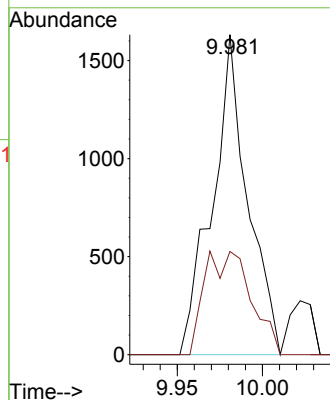
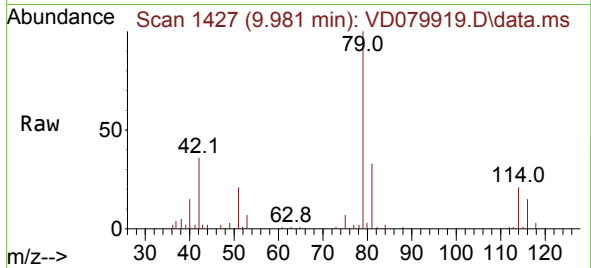
ClientSampleId :

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 32.2 24.1 44.8



#60

Isopropylbenzene

Concen: 0.122 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079919.D

Acq: 27 Sep 2024 13:46

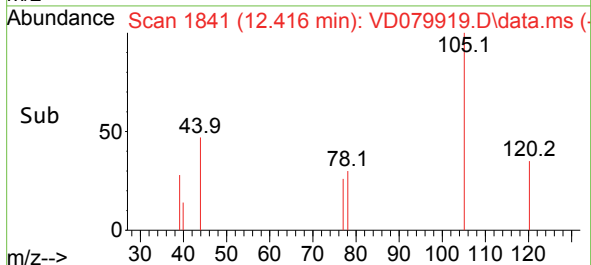
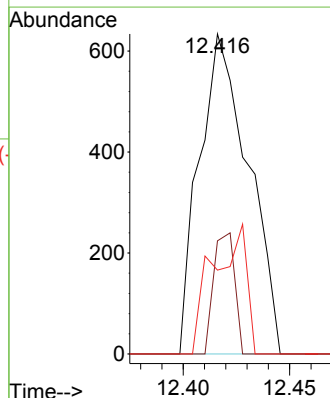
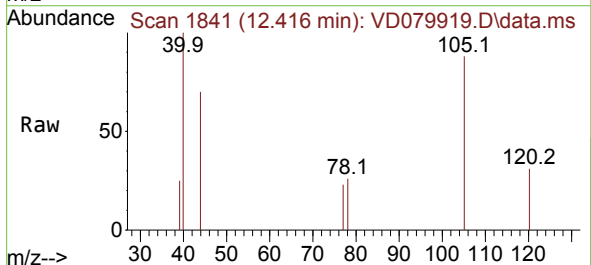
Tgt Ion: 105 Resp: 1017

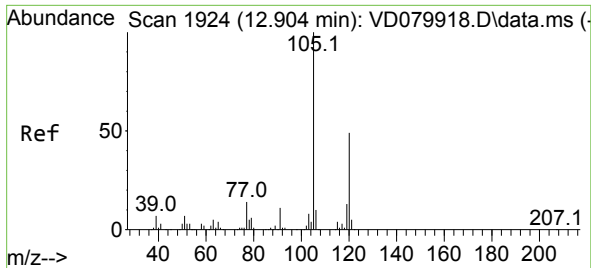
Ion Ratio Lower Upper

105 100

120 16.1 20.9 31.3#

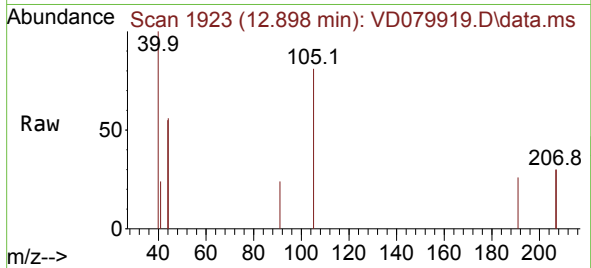
77 14.9 12.6 19.0



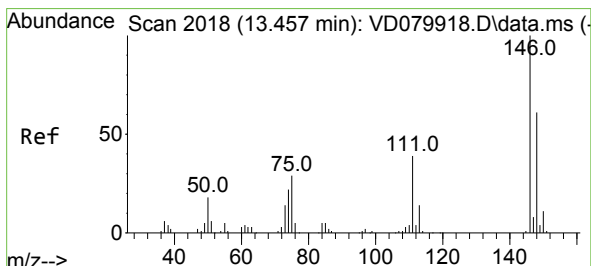
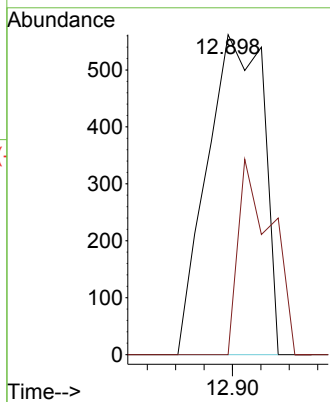
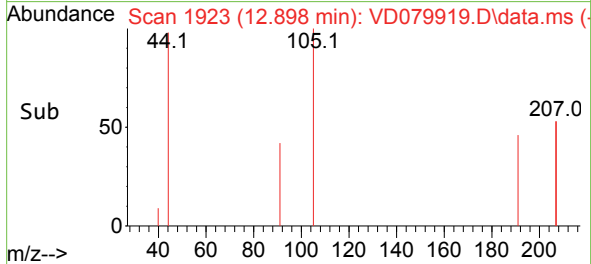


#62  
1,3,5-Trimethylbenzene  
Concen: 0.126 ug/L  
RT: 12.898 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: VD079919.D  
Acq: 27 Sep 2024 13:46

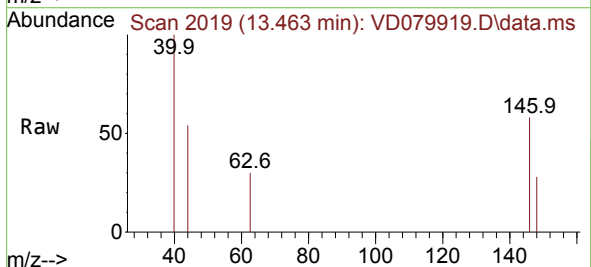
Instrument :  
MSVOA\_D  
ClientSampleId :



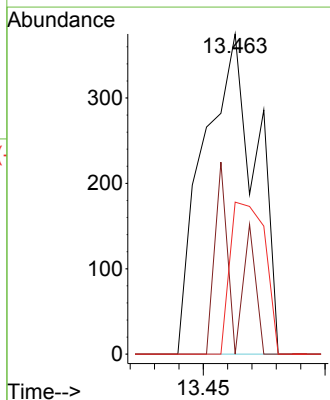
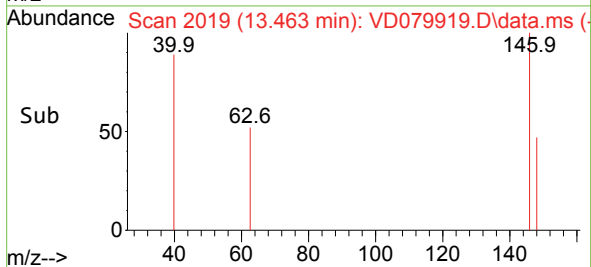
Tgt Ion:105 Resp: 772  
Ion Ratio Lower Upper  
105 100  
120 36.3 38.3 57.5#

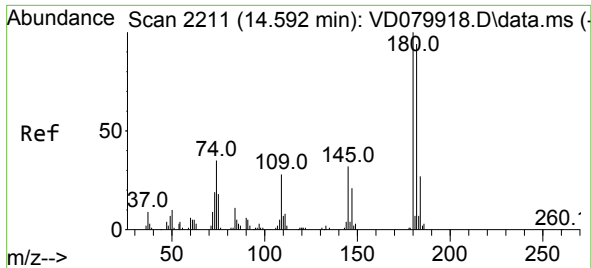


#64  
1,3-Dichlorobenzene  
Concen: 0.163 ug/L  
RT: 13.463 min Scan# 2019  
Delta R.T. 0.006 min  
Lab File: VD079919.D  
Acq: 27 Sep 2024 13:46



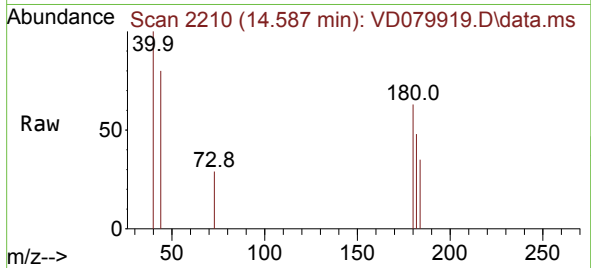
Tgt Ion:146 Resp: 562  
Ion Ratio Lower Upper  
146 100  
111 0.0 27.4 50.8#  
148 47.5 45.6 84.8





#69  
 1,3,5-Trichlorobenzene  
 Concen: 0.190 ug/L  
 RT: 14.587 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VD079919.D  
 Acq: 27 Sep 2024 13:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 397         |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 65.0  | 72.6 109.0# |
| 184         | 0.0   | 24.2 36.2#  |
| 145         | 0.0   | 24.7 37.1#  |

