

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042924\  
 Data File : VY018075.D  
 Acq On : 29 Apr 2024 17:54  
 Operator : SY/MD  
 Sample : P2294-01  
 Misc : 6.53g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 FOOT-PRINT-A-1

Quant Time: Apr 30 01:02:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

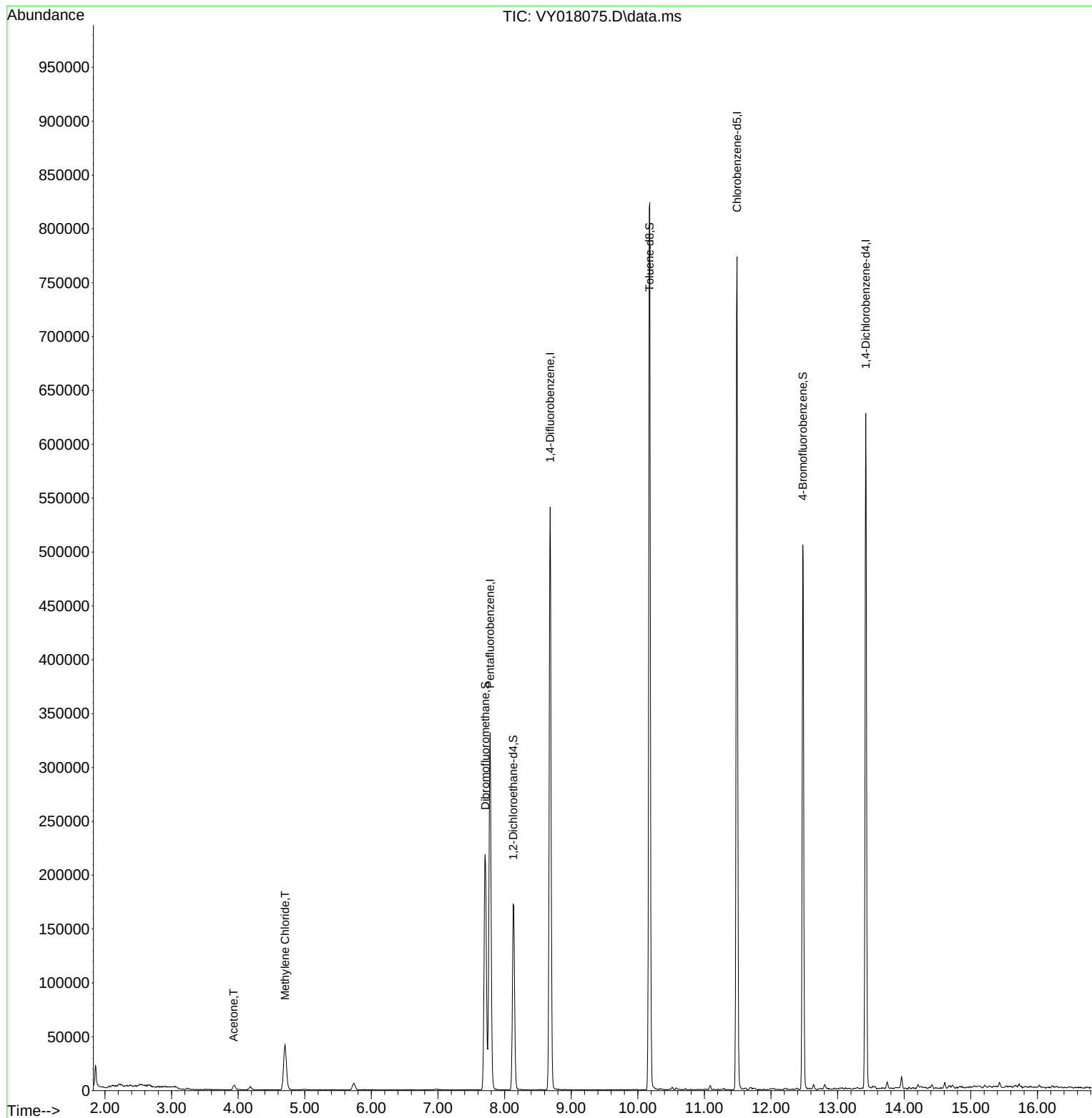
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.783     | 168   | 275134   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685     | 114   | 504958   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489    | 117   | 461714   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422    | 152   | 177337   | 50.000   | ug/l   | 0.00     |
|                             |           |       |          |          |        |          |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.130     | 65    | 129045   | 54.199   | ug/l   | -0.01    |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | =      | 108.400% |
| 35) Dibromofluoromethane    | 7.710     | 113   | 165708   | 53.192   | ug/l   | -0.01    |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | =      | 106.380% |
| 50) Toluene-d8              | 10.179    | 98    | 580613   | 49.117   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | =      | 98.240%  |
| 62) 4-Bromofluorobenzene    | 12.477    | 95    | 157063   | 42.902   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 30 - 143 | Recovery | =      | 85.800%  |
|                             |           |       |          |          |        |          |
| Target Compounds            |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 3.930     | 43    | 7598     | 16.151   | ug/l   | 96       |
| 20) Methylene Chloride      | 4.704     | 84    | 36974    | 11.601   | ug/l # | 91       |
| -----                       |           |       |          |          |        |          |

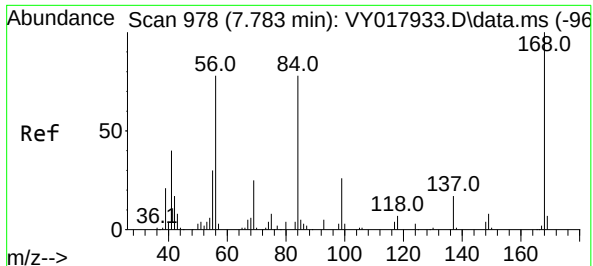
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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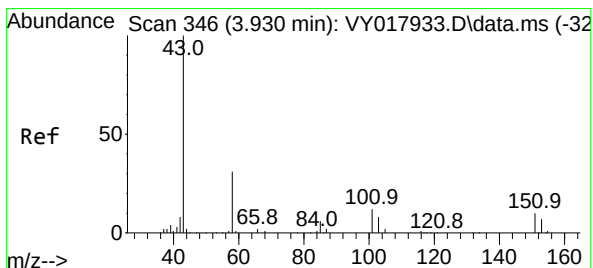
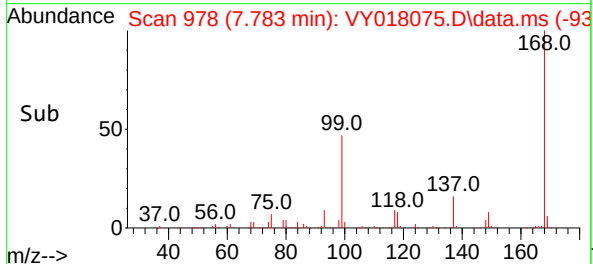
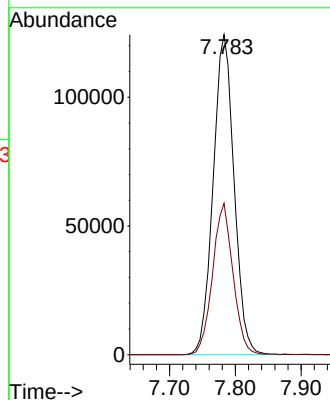
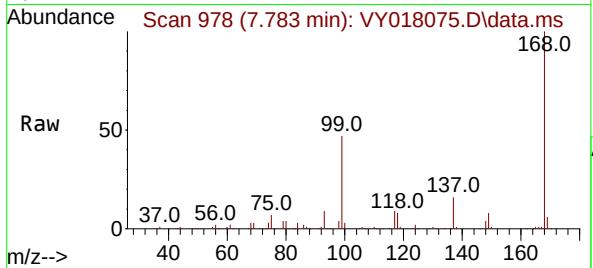




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY018075.D  
Acq: 29 Apr 2024 17:54

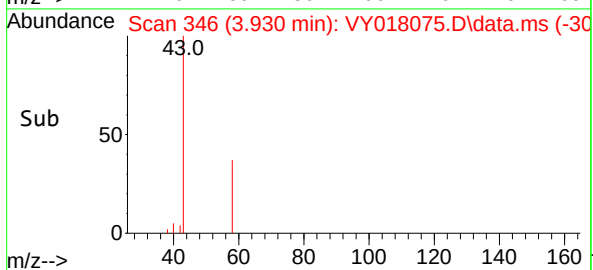
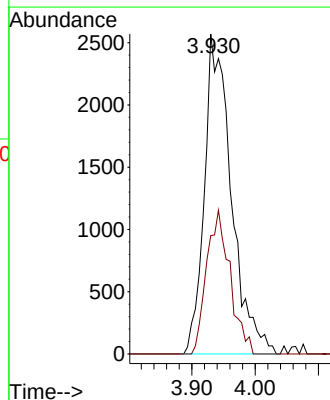
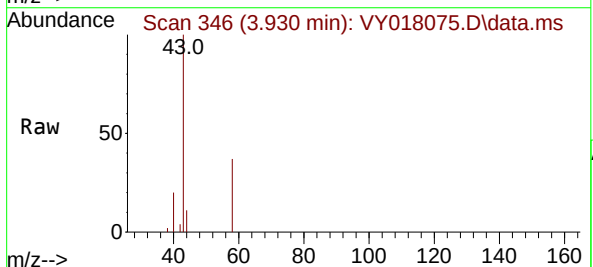
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FOOT-PRINT-A-1

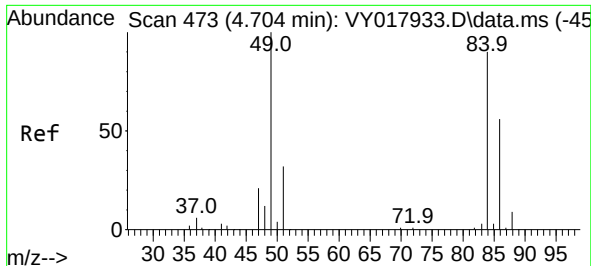
Tgt Ion:168 Resp: 275134  
Ion Ratio Lower Upper  
168 100  
99 47.3 39.1 58.7



#16  
Acetone  
Concen: 16.151 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.018 min  
Lab File: VY018075.D  
Acq: 29 Apr 2024 17:54

Tgt Ion: 43 Resp: 7598  
Ion Ratio Lower Upper  
43 100  
58 37.0 31.7 47.5





#20

Methylene Chloride

Concen: 11.601 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY018075.D

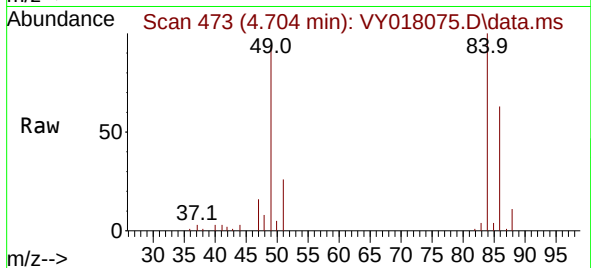
Acq: 29 Apr 2024 17:54

Instrument :

MSVOA\_Y

ClientSampleId :

FOOT-PRINT-A-1



Tgt Ion: 84 Resp: 36974

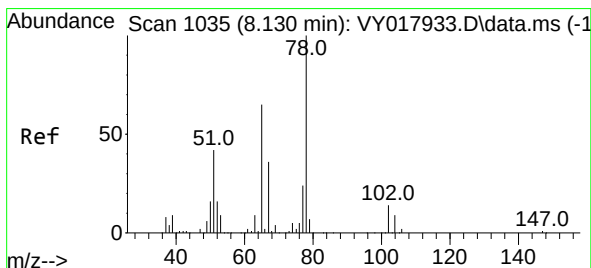
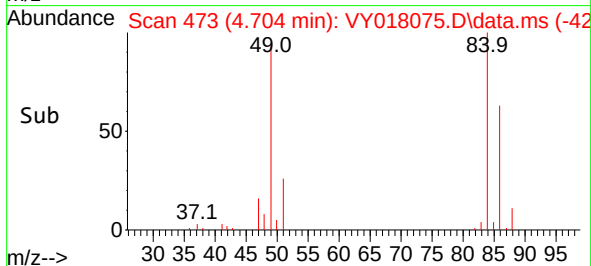
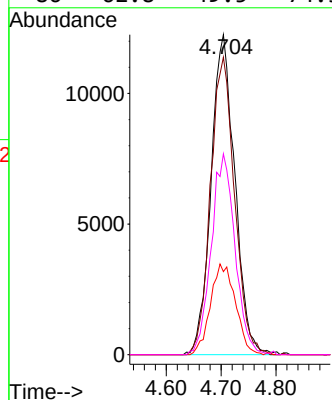
Ion Ratio Lower Upper

84 100

49 92.9 84.4 126.6

51 26.0 26.0 39.0#

86 62.8 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 54.199 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY018075.D

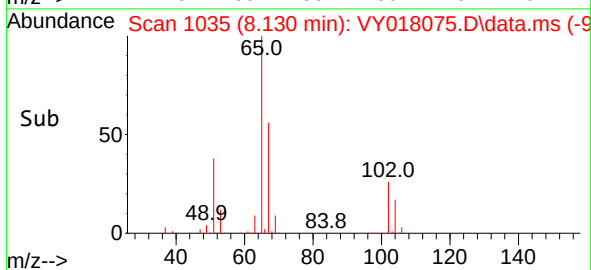
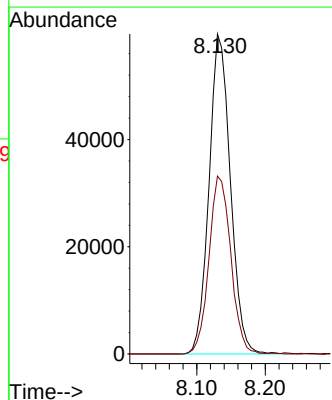
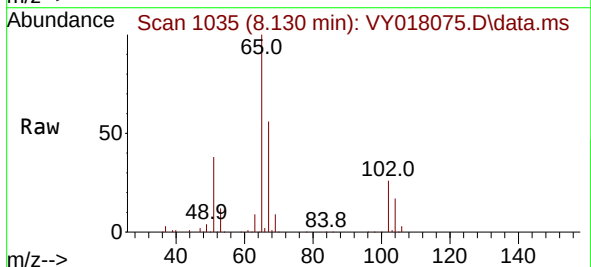
Acq: 29 Apr 2024 17:54

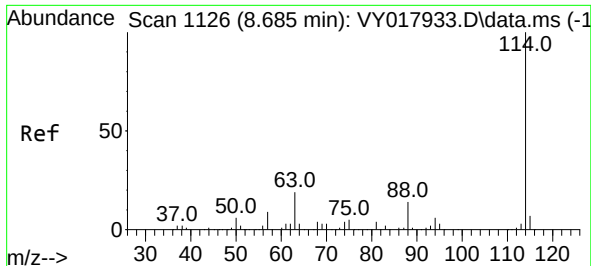
Tgt Ion: 65 Resp: 129045

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Instrument :

MSVOA\_Y

ClientSampleId :

FOOT-PRINT-A-1

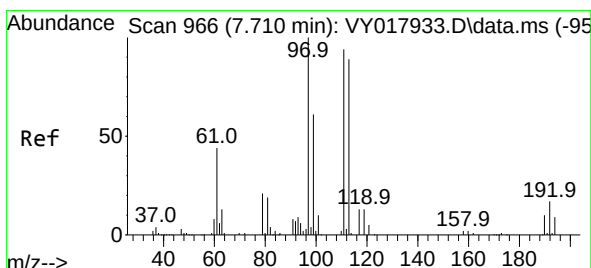
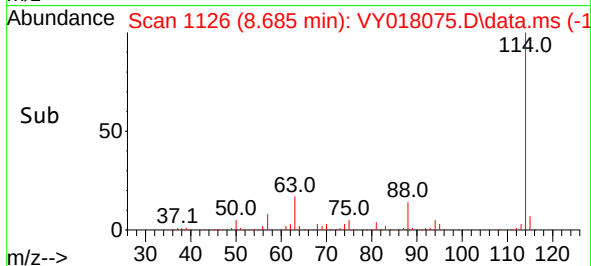
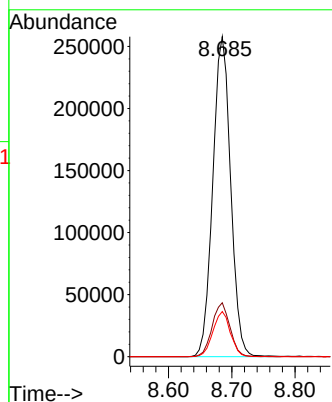
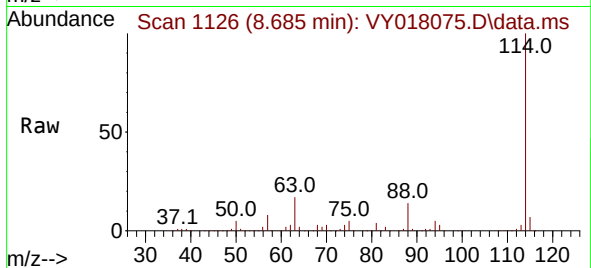
Tgt Ion:114 Resp: 504958

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.192 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

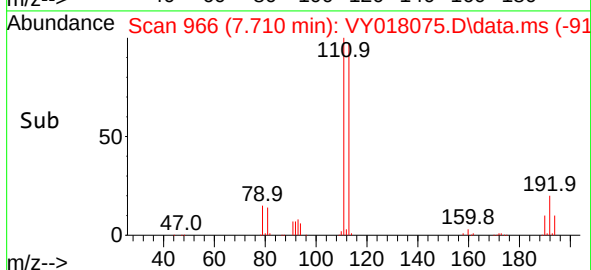
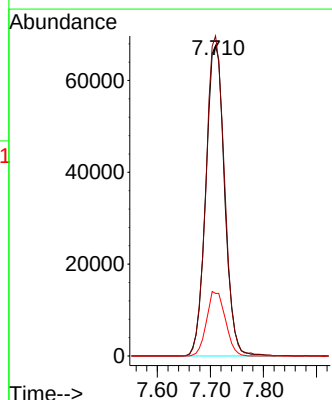
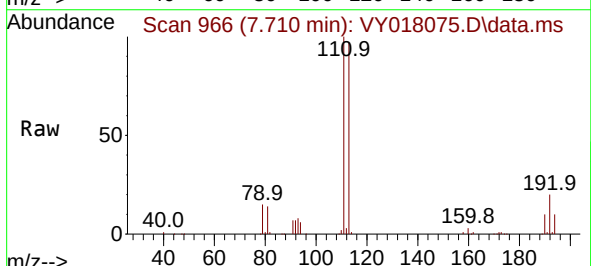
Tgt Ion:113 Resp: 165708

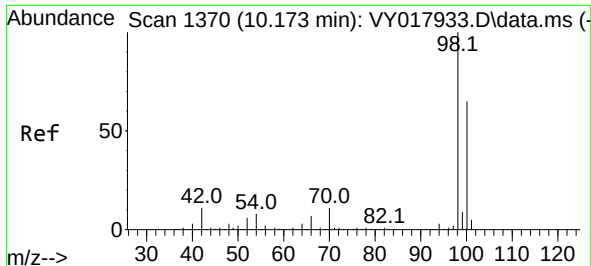
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.8 15.9 23.9

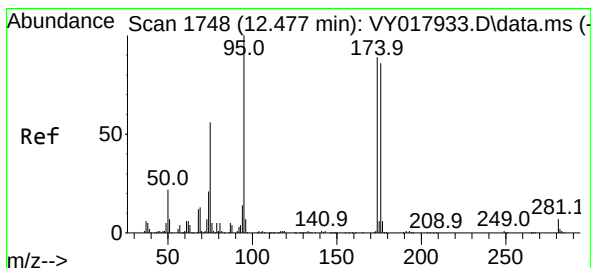
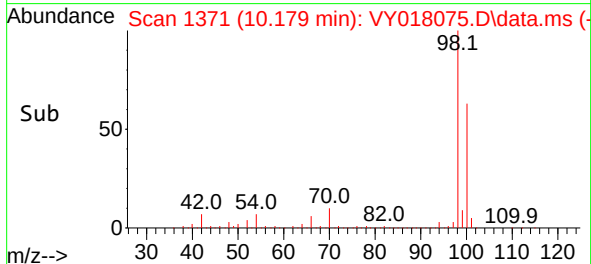
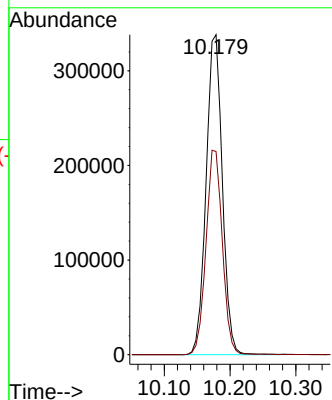
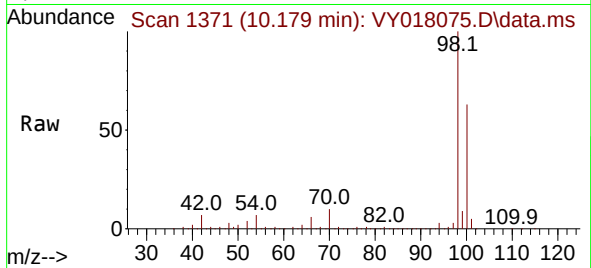




#50  
Toluene-d8  
Concen: 49.117 ug/l  
RT: 10.179 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: VY018075.D  
Acq: 29 Apr 2024 17:54

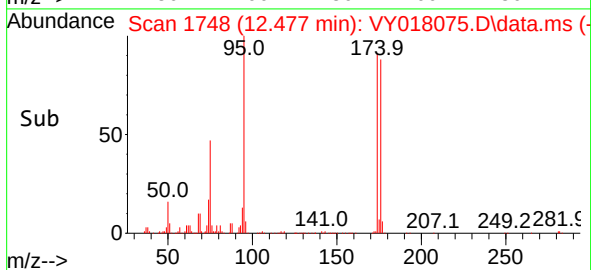
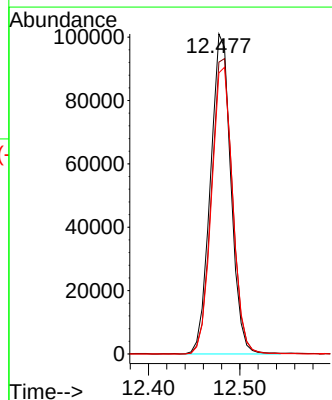
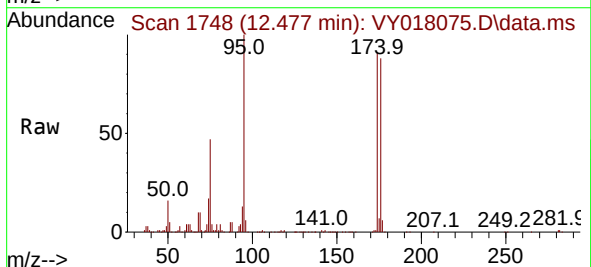
Instrument :  
MSVOA\_Y  
ClientSampleId :  
FOOT-PRINT-A-1

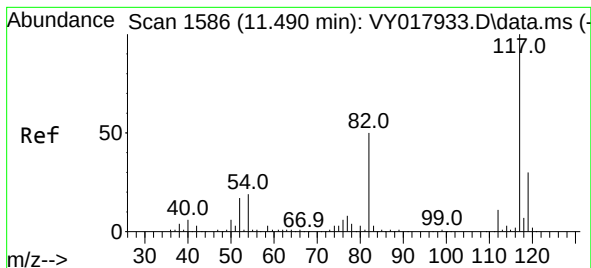
Tgt Ion: 98 Resp: 580613  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 42.902 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY018075.D  
Acq: 29 Apr 2024 17:54

Tgt Ion: 95 Resp: 157063  
Ion Ratio Lower Upper  
95 100  
174 95.3 0.0 175.6  
176 92.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Instrument :

MSVOA\_Y

ClientSampleId :

FOOT-PRINT-A-1

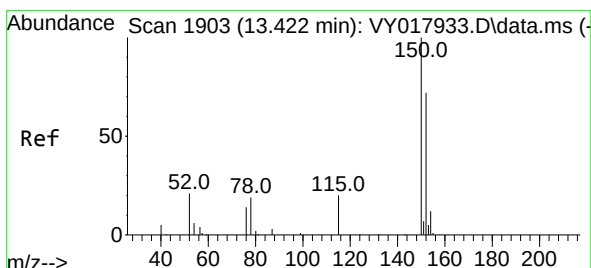
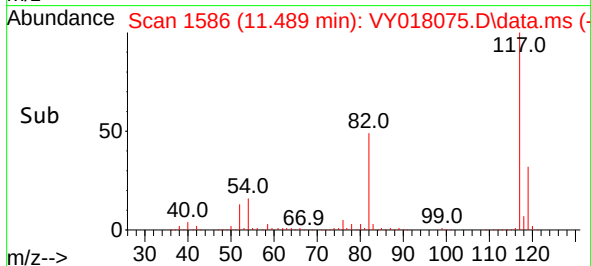
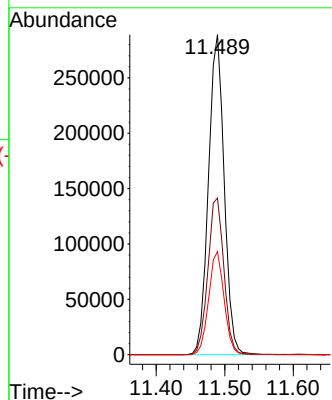
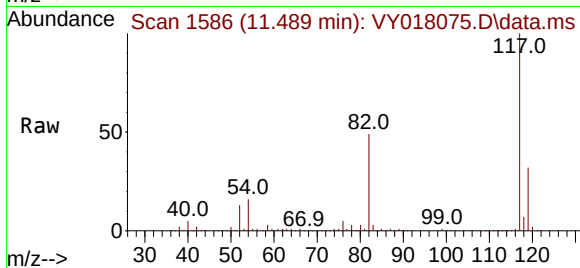
Tgt Ion:117 Resp: 461714

Ion Ratio Lower Upper

117 100

82 48.9 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018075.D

Acq: 29 Apr 2024 17:54

Tgt Ion:152 Resp: 177337

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 157.0 0.0 345.6

