

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072822\  
 Data File : VY009760.D  
 Acq On : 28 Jul 2022 18:46  
 Operator : KP/MD  
 Sample : N3895-10  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-48

Quant Time: Jul 29 02:58:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

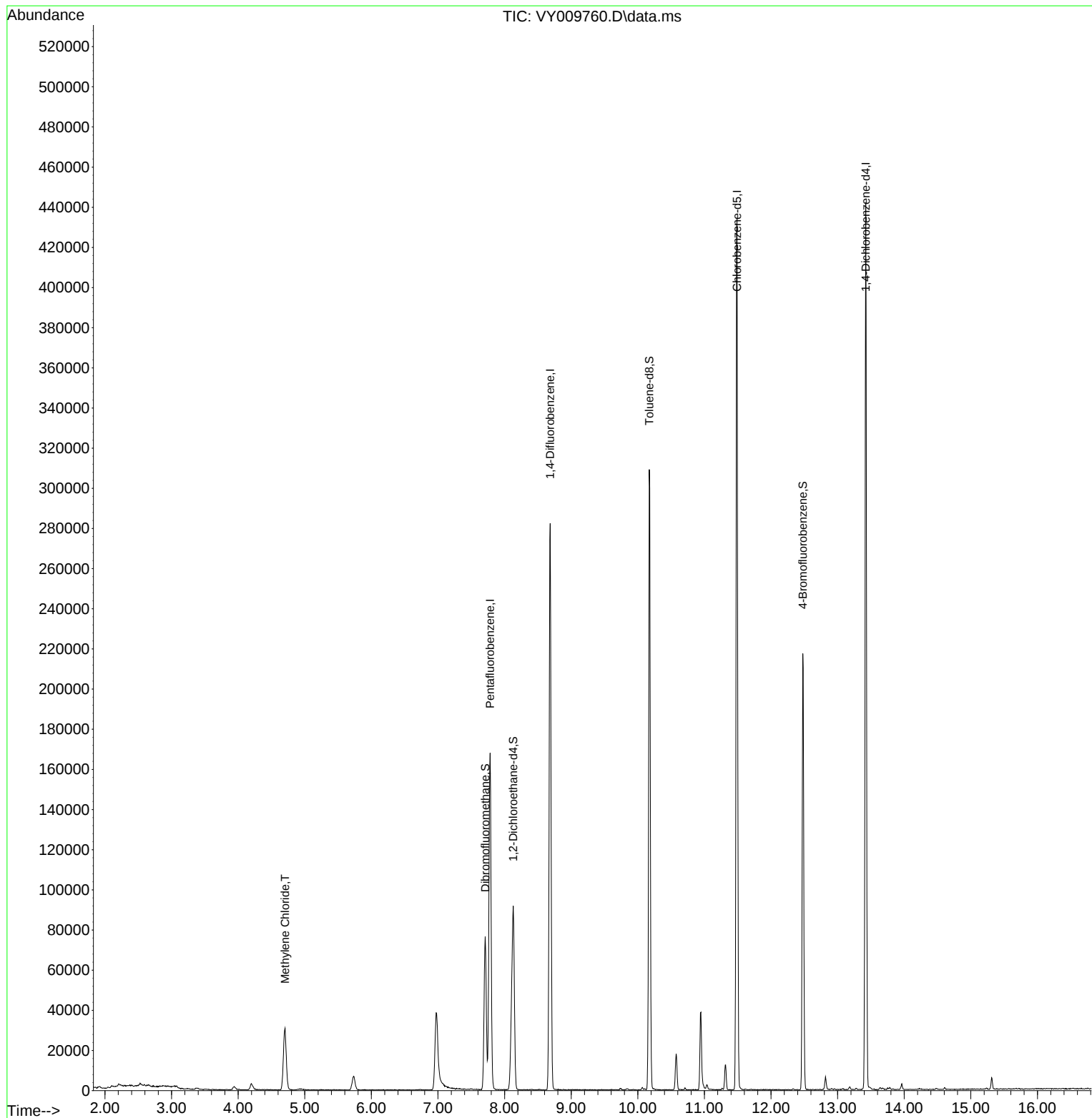
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 140527   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 251791   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 248323   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 116371   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 54178    | 58.835   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 117.680% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 53909    | 39.366   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 78.740%  |
| 50) Toluene-d8              | 10.173 | 98    | 203806   | 51.204   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | =      | 102.400% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 59487    | 32.760   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | =      | 65.520%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 4.704  | 84    | 23430    | 6.006    | ug/l # | 84       |
| -----                       |        |       |          |          |        |          |

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

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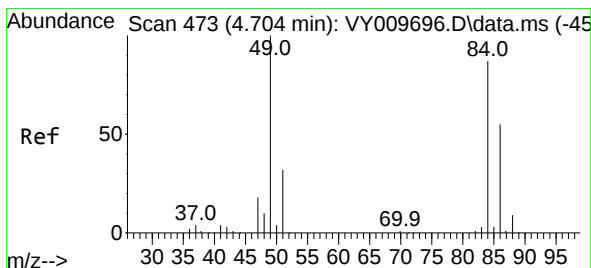
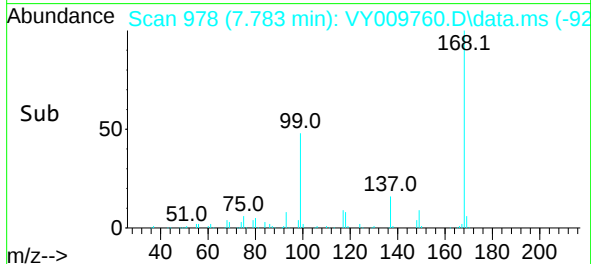
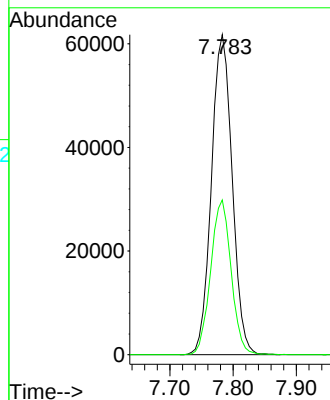
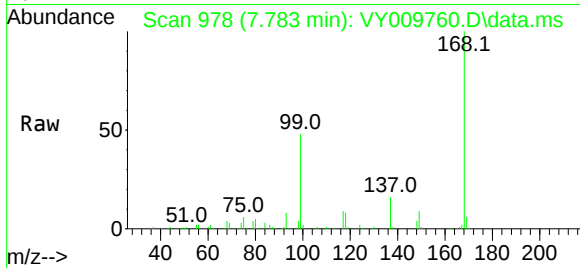




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009760.D  
Acq: 28 Jul 2022 18:46

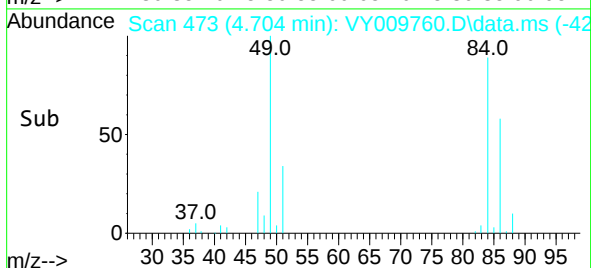
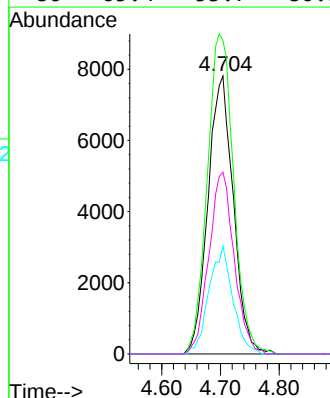
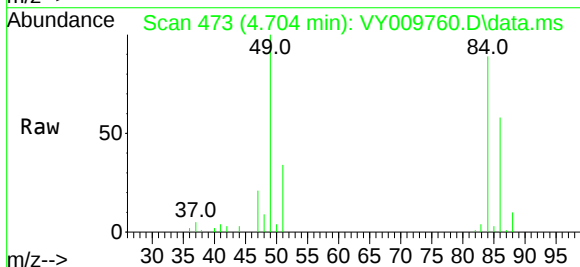
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RVE-48

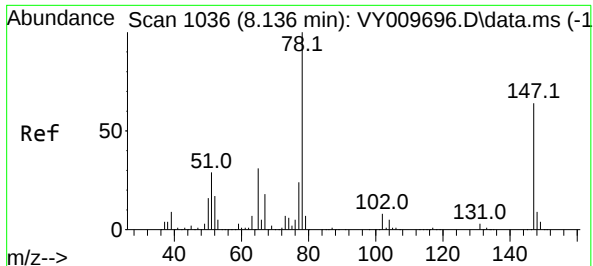
Tgt Ion:168 Resp: 140527  
Ion Ratio Lower Upper  
168 100  
99 48.4 46.9 70.3



#20  
Methylene Chloride  
Concen: 6.006 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009760.D  
Acq: 28 Jul 2022 18:46

Tgt Ion: 84 Resp: 23430  
Ion Ratio Lower Upper  
84 100  
49 112.9 114.4 171.6#  
51 38.8 35.3 52.9  
86 65.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 58.835 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009760.D

Acq: 28 Jul 2022 18:46

Instrument :

MSVOA\_Y

ClientSampleId :

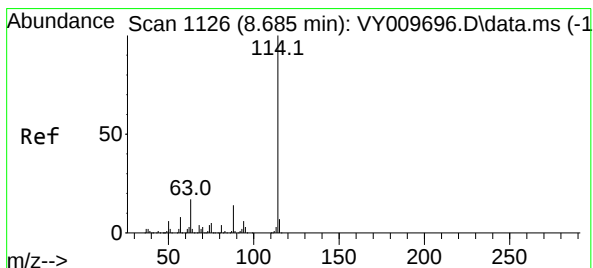
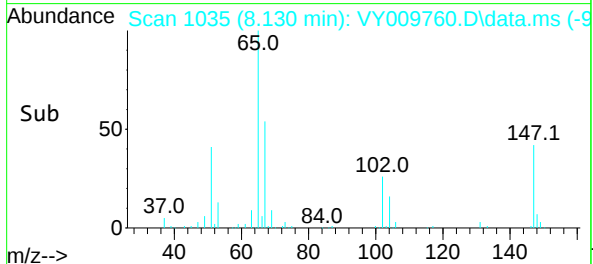
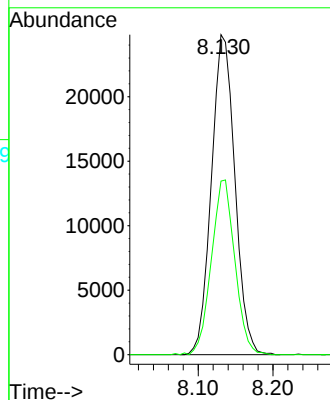
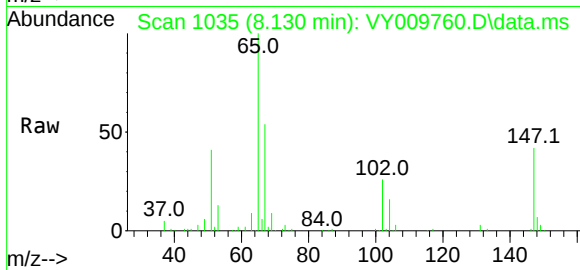
RVE-48

Tgt Ion: 65 Resp: 54178

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009760.D

Acq: 28 Jul 2022 18:46

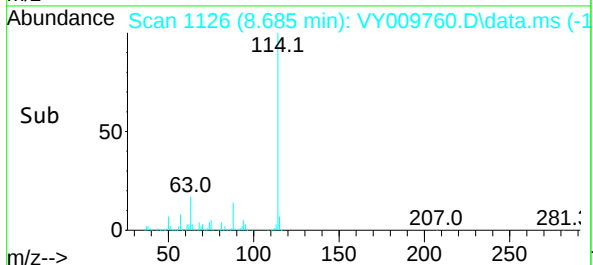
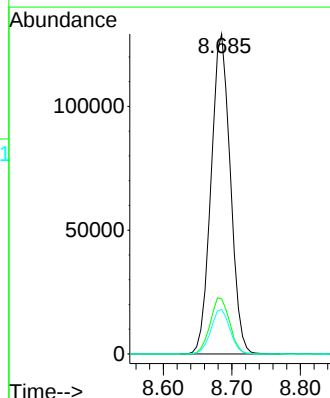
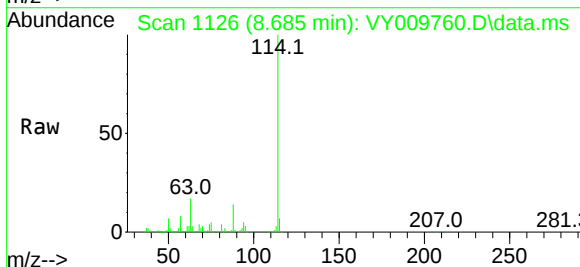
Tgt Ion: 114 Resp: 251791

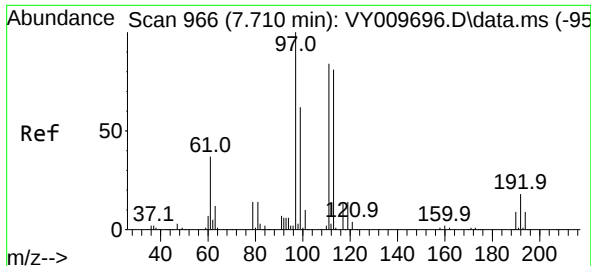
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 39.366 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009760.D

Acq: 28 Jul 2022 18:46

Instrument :

MSVOA\_Y

ClientSampleId :

RVE-48

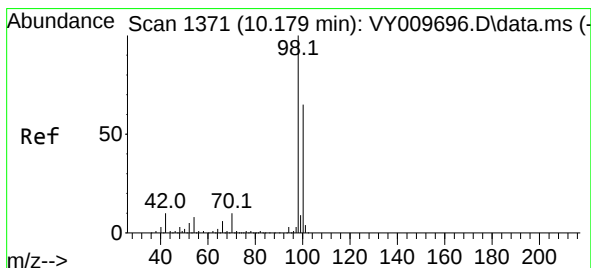
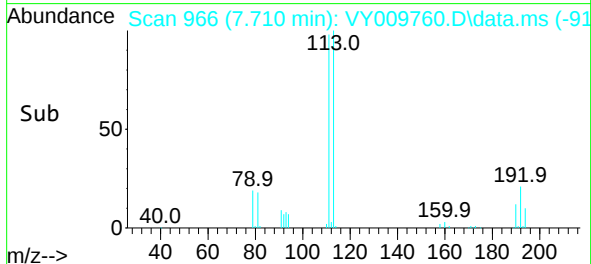
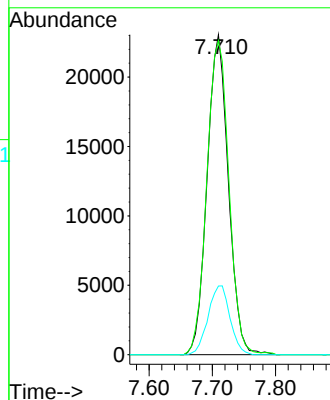
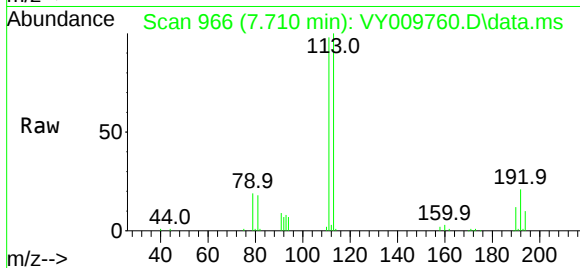
Tgt Ion:113 Resp: 53909

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 22.2 17.6 26.4



#50

Toluene-d8

Concen: 51.204 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009760.D

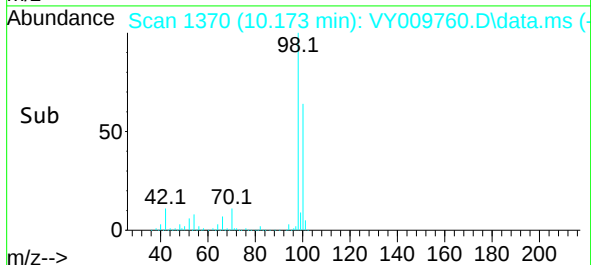
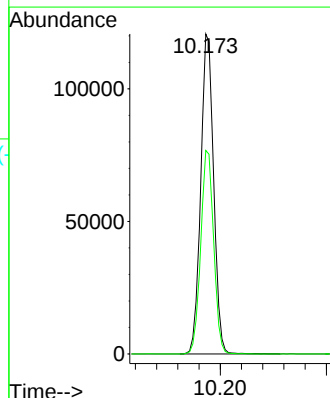
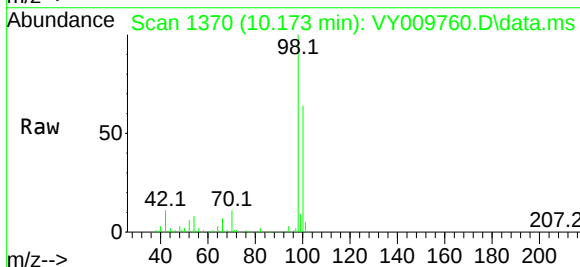
Acq: 28 Jul 2022 18:46

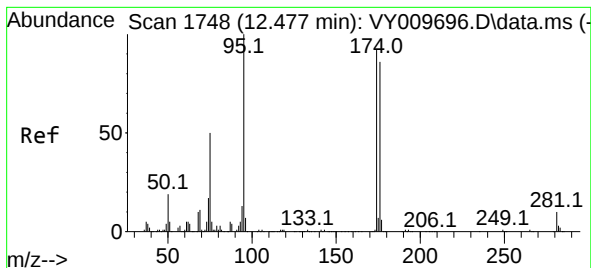
Tgt Ion: 98 Resp: 203806

Ion Ratio Lower Upper

98 100

100 63.8 50.2 75.2

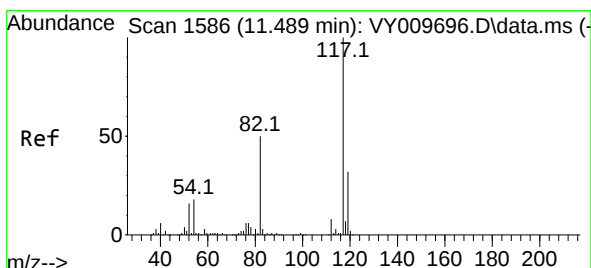
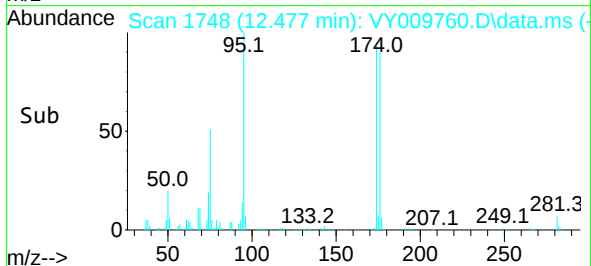
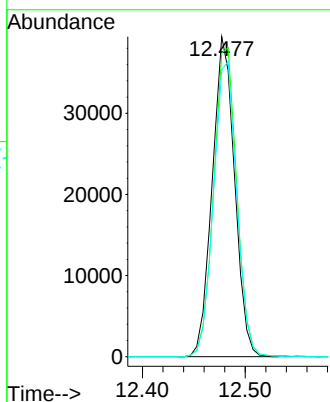
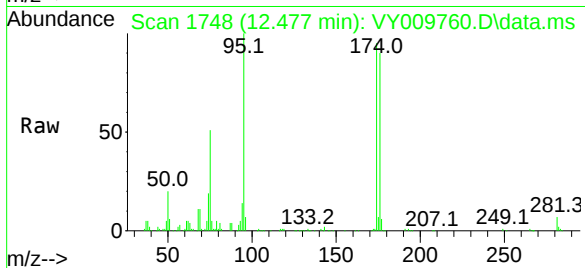




#62  
4-Bromofluorobenzene  
Concen: 32.760 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009760.D  
Acq: 28 Jul 2022 18:46

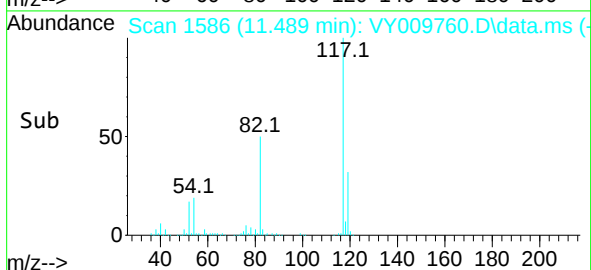
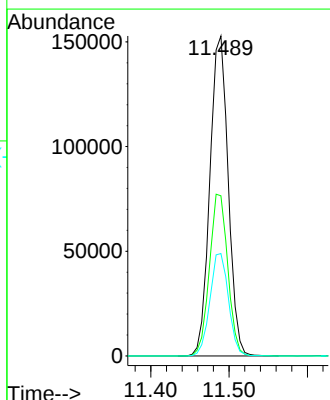
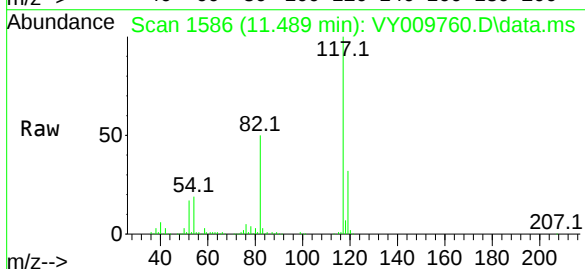
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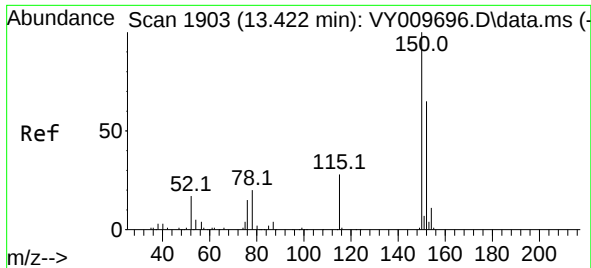
Tgt Ion: 95 Resp: 59487  
Ion Ratio Lower Upper  
95 100  
174 100.0 0.0 177.0  
176 95.6 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY009760.D  
Acq: 28 Jul 2022 18:46

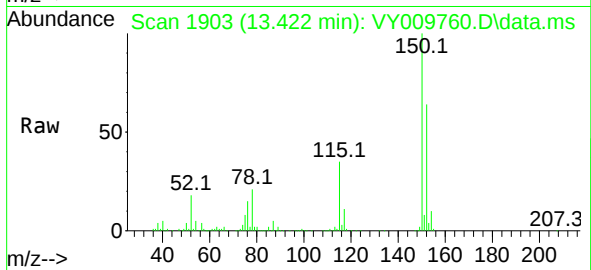
Tgt Ion: 117 Resp: 248323  
Ion Ratio Lower Upper  
117 100  
82 50.1 43.0 64.4  
119 32.0 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. 0.000 min  
 Lab File: VY009760.D  
 Acq: 28 Jul 2022 18:46

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RVE-48



Tgt Ion:152 Resp: 116371  
 Ion Ratio Lower Upper  
 152 100  
 115 53.4 28.2 84.7  
 150 156.3 0.0 347.6

