

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020923\  
 Data File : VD075291.D  
 Acq On : 09 Feb 2023 13:44  
 Operator : KP/SY  
 Sample : 01510-09  
 Misc : 5.25G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JPP-55-020823

Quant Time: Feb 10 02:01:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 04:26:58 2023  
 Response via : Initial Calibration

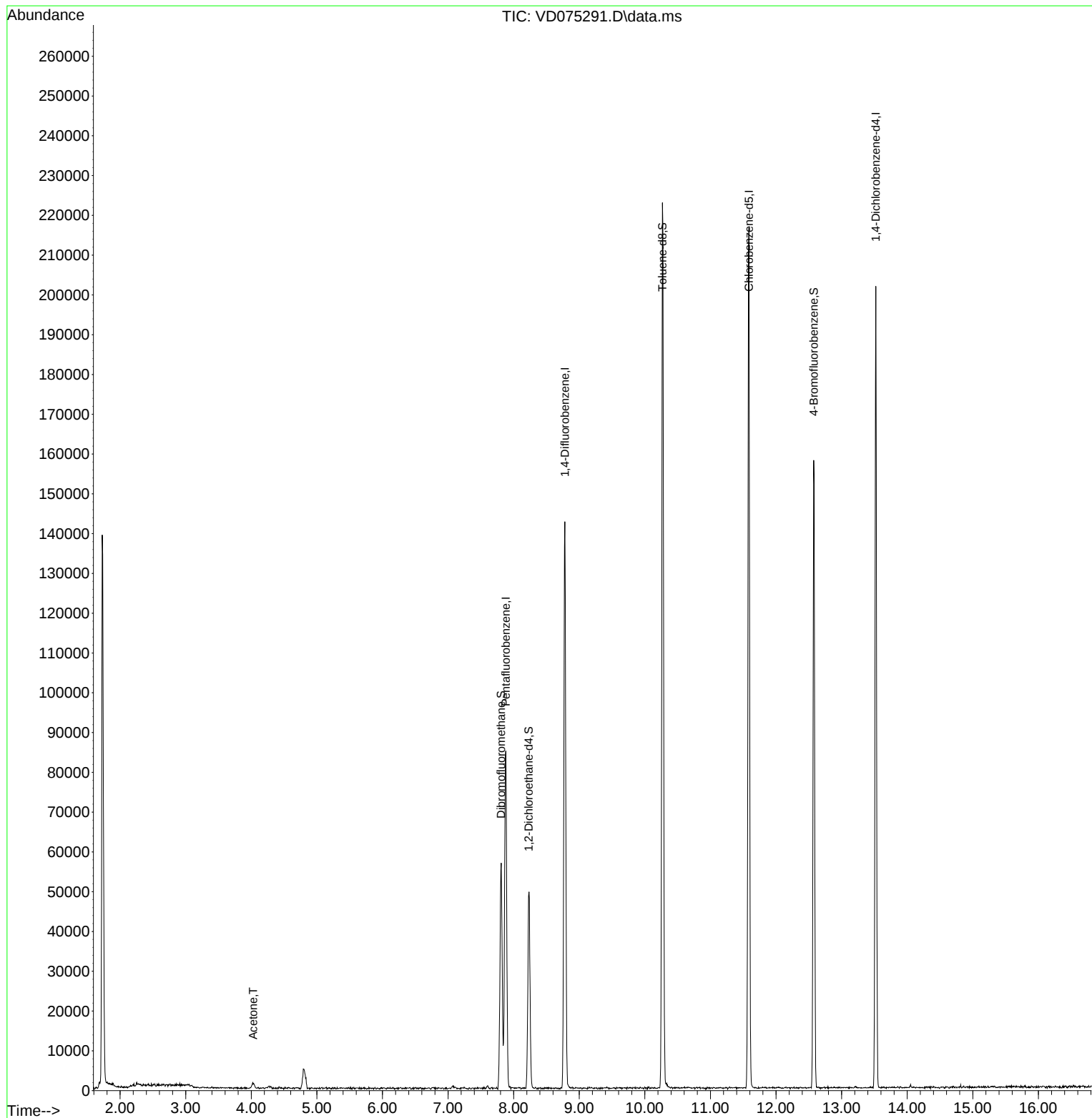
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.881  | 168   | 63674    | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.781  | 114   | 121691   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.586 | 117   | 118706   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.521 | 152   | 48522    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 38842    | 52.023   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 104.040%    |
| 35) Dibromofluoromethane    | 7.810  | 113   | 40120    | 47.018   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 94.040%     |
| 50) Toluene-d8              | 10.269 | 98    | 151412   | 46.790   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 93.580%     |
| 62) 4-Bromofluorobenzene    | 12.574 | 95    | 49092    | 46.008   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 92.020%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.028  | 43    | 2554     | 12.937   | ug/l  | Qvalue # 86 |
| -----                       |        |       |          |          |       |             |

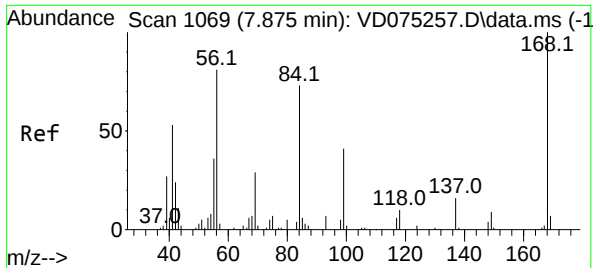
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020923\  
Data File : VD075291.D  
Acq On : 09 Feb 2023 13:44  
Operator : KP/SY  
Sample : 01510-09  
Misc : 5.25G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
JPP-55-020823

Quant Time: Feb 10 02:01:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D020723S.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 08 04:26:58 2023  
Response via : Initial Calibration

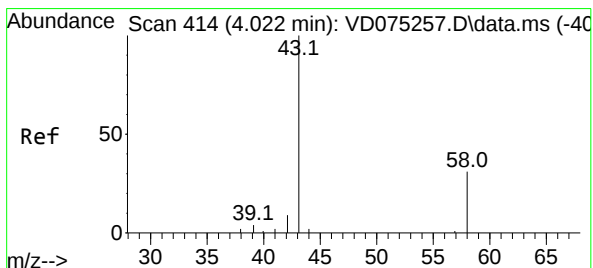
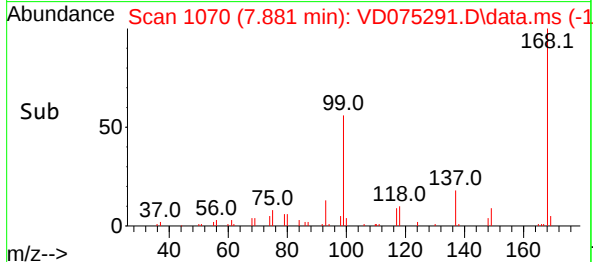
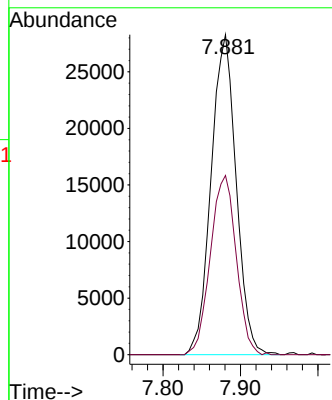
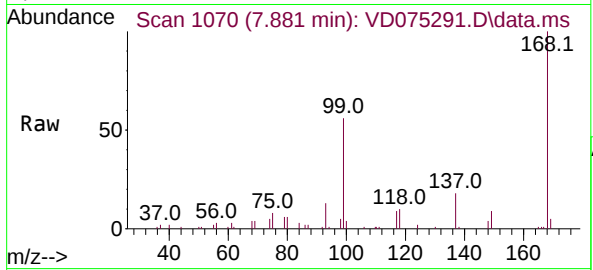




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD075291.D  
Acq: 09 Feb 2023 13:44

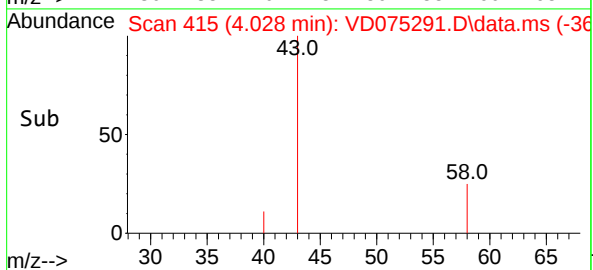
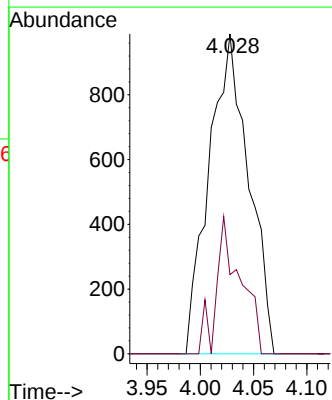
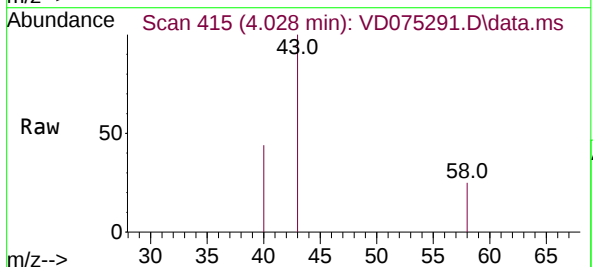
Instrument :  
MSVOA\_D  
ClientSampleId :  
JPP-55-020823

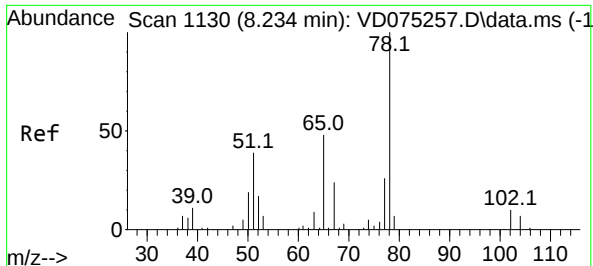
Tgt Ion:168 Resp: 63674  
Ion Ratio Lower Upper  
168 100  
99 56.0 45.2 67.8



#16  
Acetone  
Concen: 12.937 ug/l  
RT: 4.028 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VD075291.D  
Acq: 09 Feb 2023 13:44

Tgt Ion: 43 Resp: 2554  
Ion Ratio Lower Upper  
43 100  
58 24.8 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 52.023 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Instrument :

MSVOA\_D

ClientSampleId :

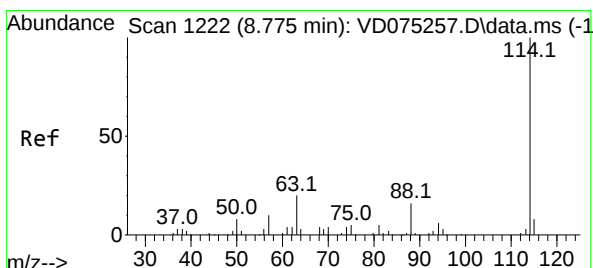
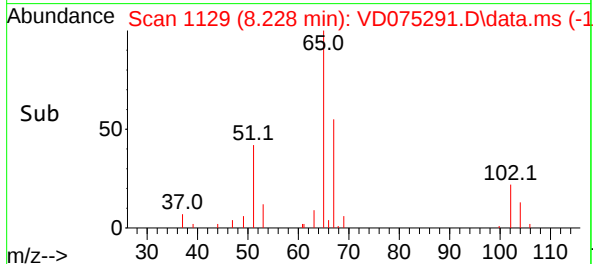
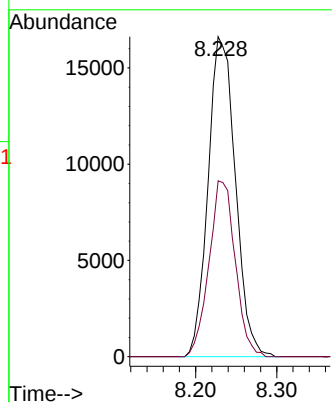
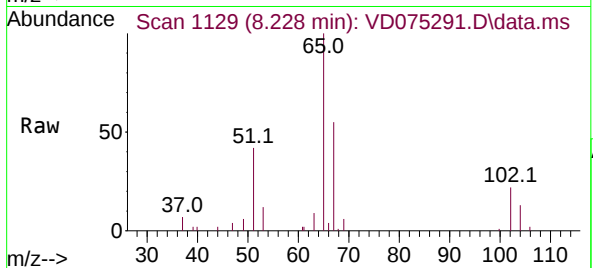
JPP-55-020823

Tgt Ion: 65 Resp: 38842

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

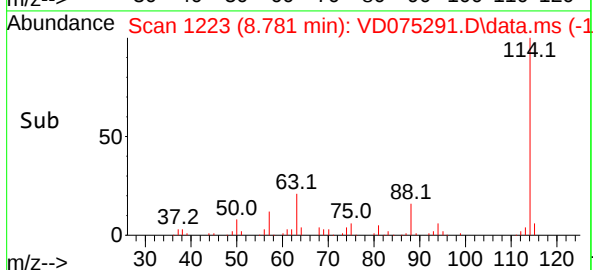
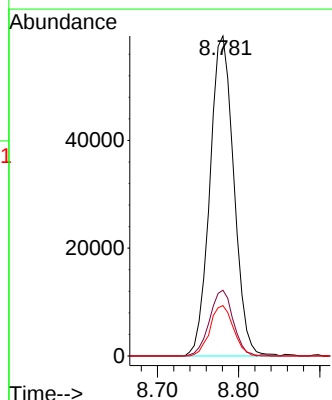
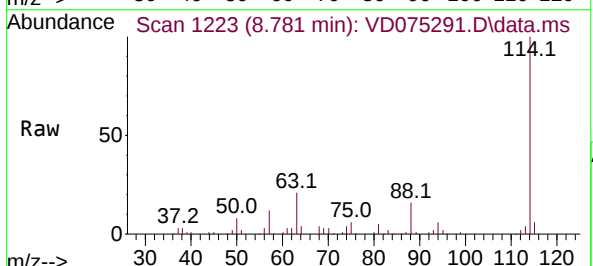
Tgt Ion: 114 Resp: 121691

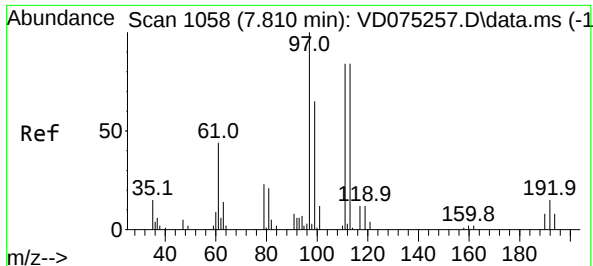
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.018 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075291.D

Acq: 09 Feb 2023 13:44

Instrument :

MSVOA\_D

ClientSampleId :

JPP-55-020823

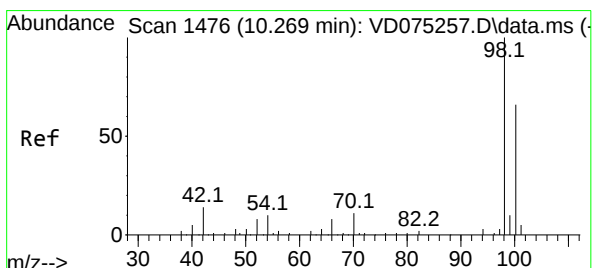
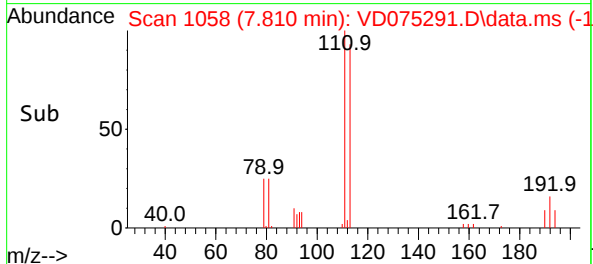
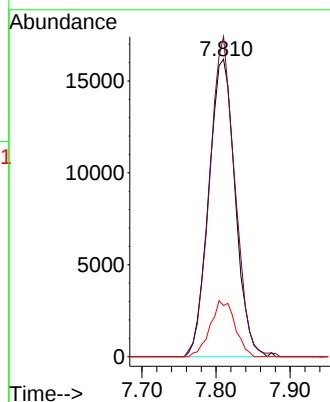
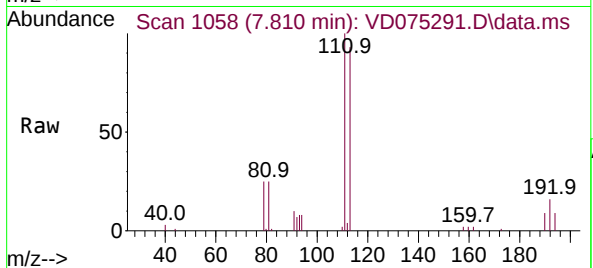
Tgt Ion:113 Resp: 40120

Ion Ratio Lower Upper

113 100

111 103.0 80.1 120.1

192 17.6 15.4 23.0



#50

Toluene-d8

Concen: 46.790 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075291.D

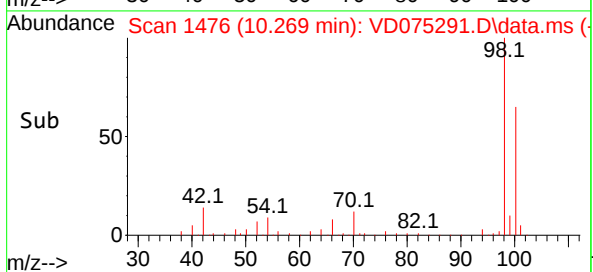
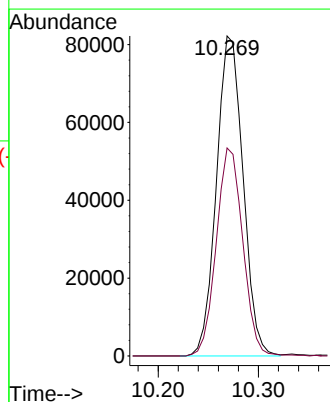
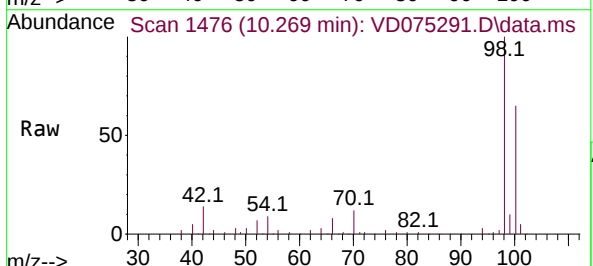
Acq: 09 Feb 2023 13:44

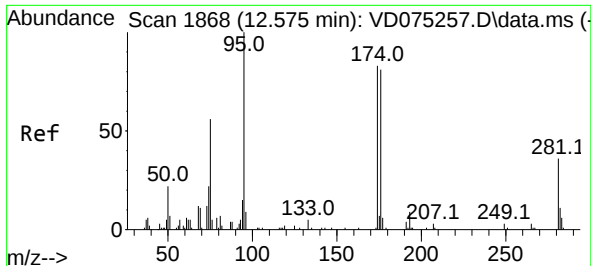
Tgt Ion: 98 Resp: 151412

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1

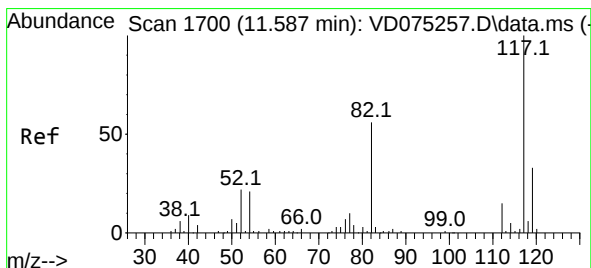
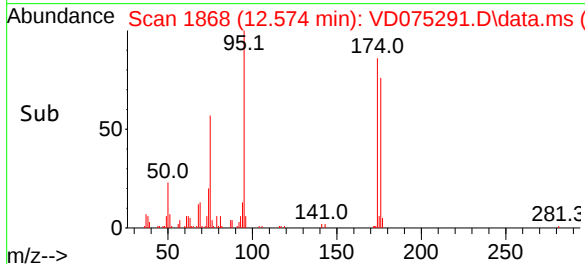
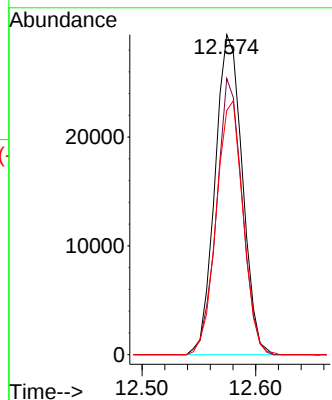
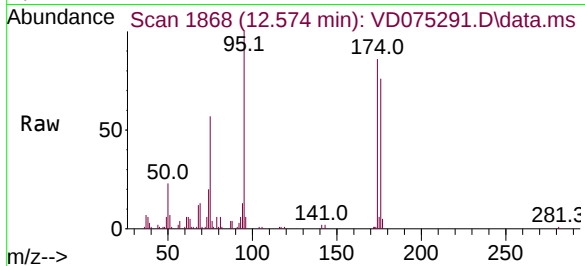




#62  
4-Bromofluorobenzene  
Concen: 46.008 ug/l  
RT: 12.574 min Scan# 1868  
Delta R.T. -0.001 min  
Lab File: VD075291.D  
Acq: 09 Feb 2023 13:44

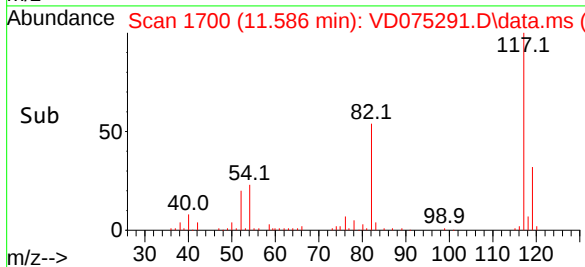
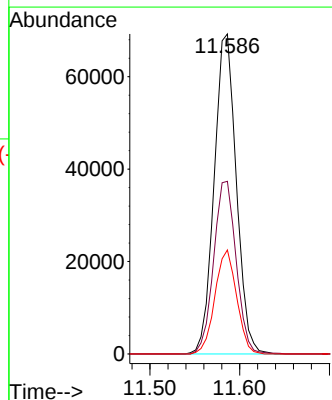
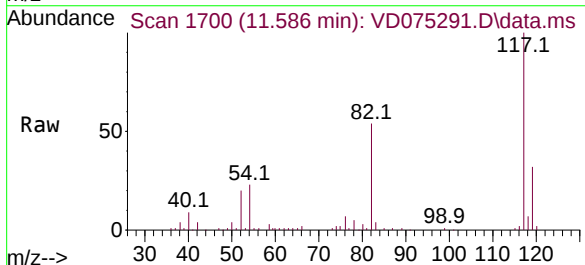
Instrument :  
MSVOA\_D  
ClientSampleId :  
JPP-55-020823

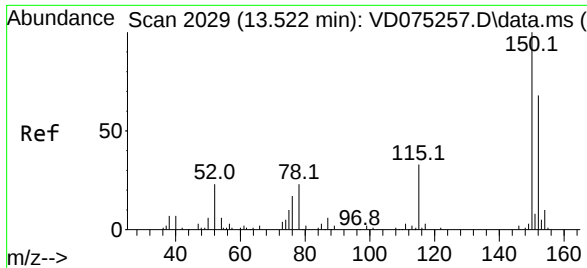
Tgt Ion: 95 Resp: 49092  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 161.2  
176 78.1 0.0 160.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.586 min Scan# 1700  
Delta R.T. -0.001 min  
Lab File: VD075291.D  
Acq: 09 Feb 2023 13:44

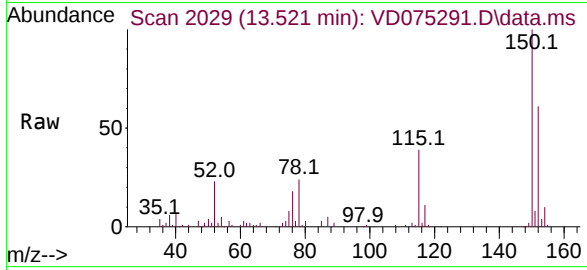
Tgt Ion: 117 Resp: 118706  
Ion Ratio Lower Upper  
117 100  
82 53.9 39.6 59.4  
119 32.5 24.6 37.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.521 min Scan# 20  
 Delta R.T. -0.001 min  
 Lab File: VD075291.D  
 Acq: 09 Feb 2023 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JPP-55-020823



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 48522 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 60.5  | 28.8  | 86.4  |
| 150      | 159.0 | 0.0   | 348.6 |

