

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120222\  
 Data File : VX033186.D  
 Acq On : 02 Dec 2022 15:25  
 Operator : JC/MD  
 Sample : N5852-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW9-PT-IN-03-12012022

Quant Time: Dec 03 04:33:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 115029   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 186730   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 165653   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 75121    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 61341    | 54.879   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 109.760% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 49855    | 47.359   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.720%  |
| 50) Toluene-d8              | 8.647  | 98    | 160980   | 50.861   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.720% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 58831    | 42.543   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 85.080%  |

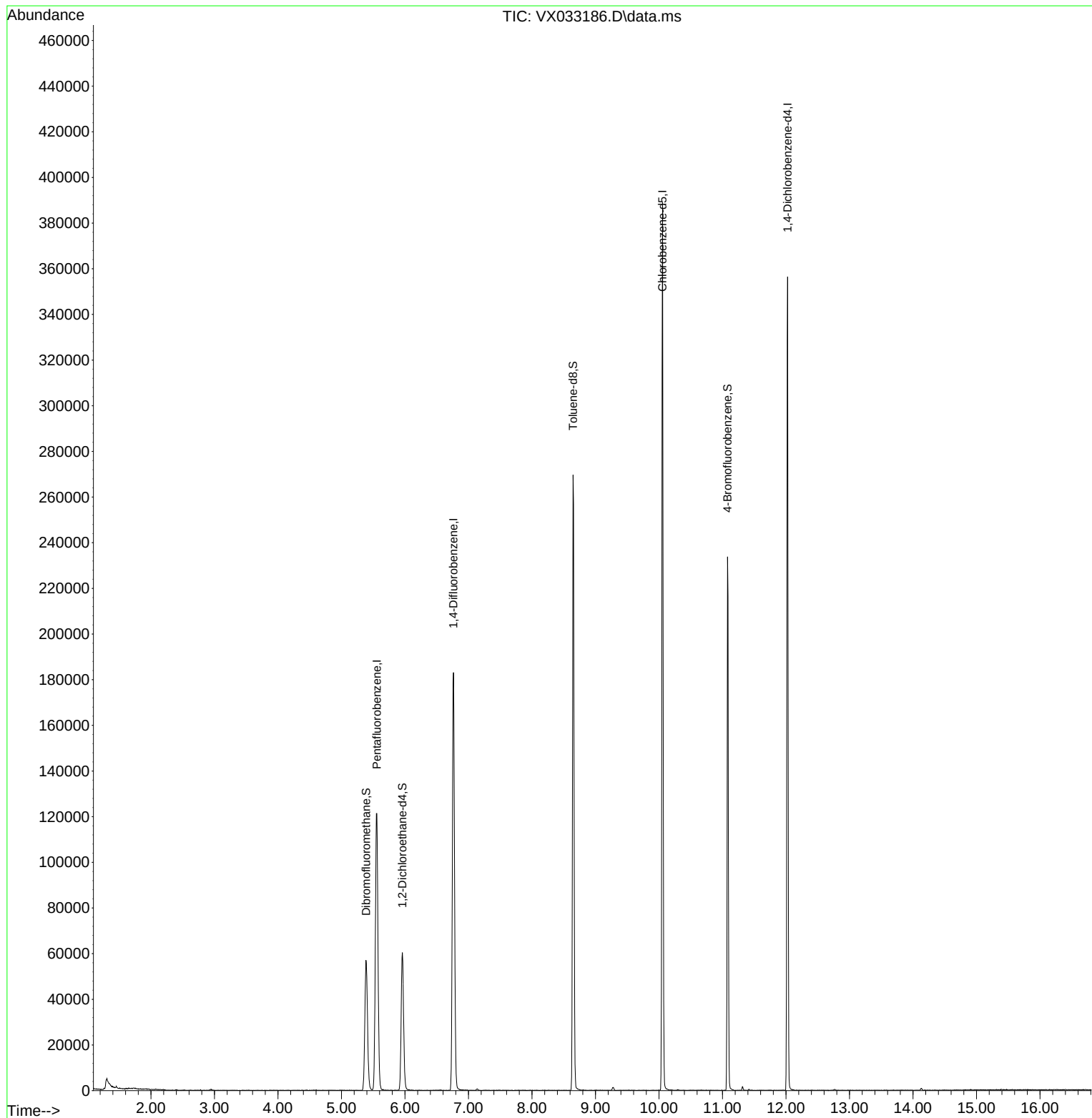
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

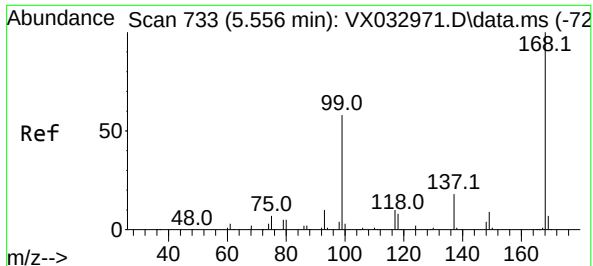
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW9-PT-IN-03-12012022

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Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
Response via : Initial Calibration

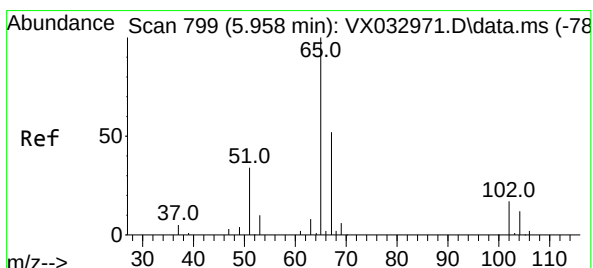
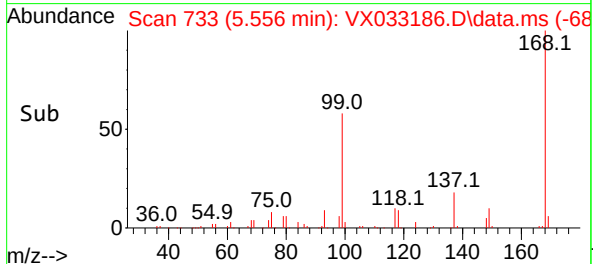
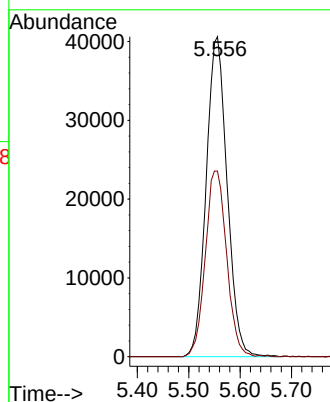
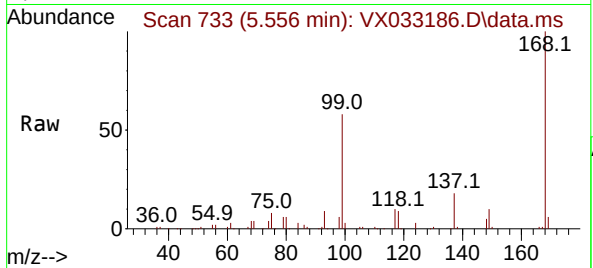




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

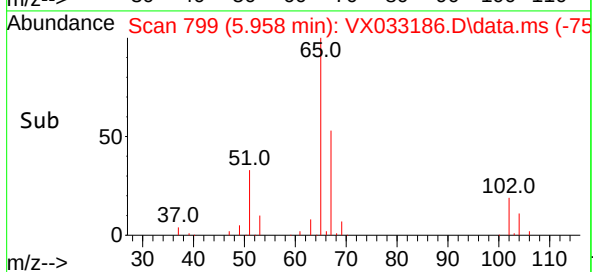
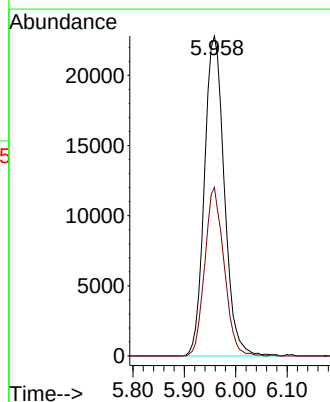
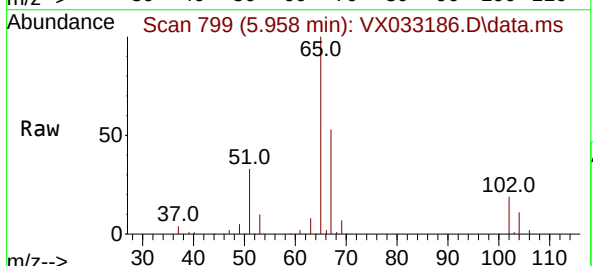
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-PT-IN-03-12012022

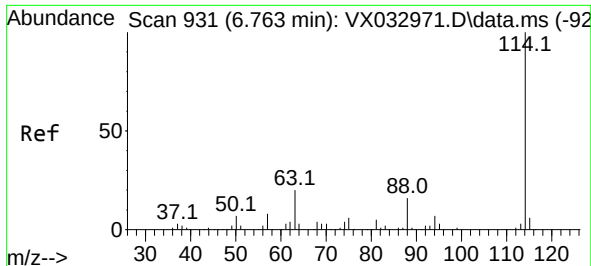
Tgt Ion:168 Resp: 115029  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 54.879 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

Tgt Ion: 65 Resp: 61341  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.8

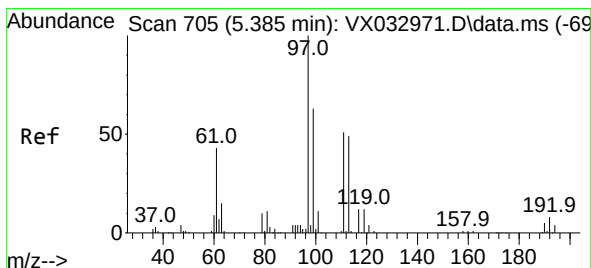
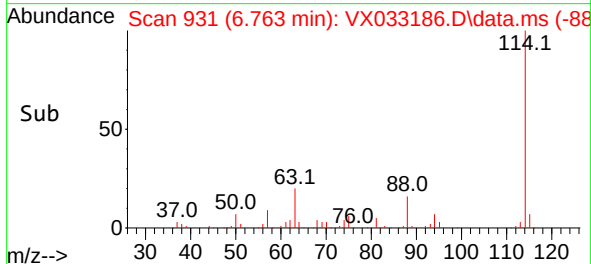
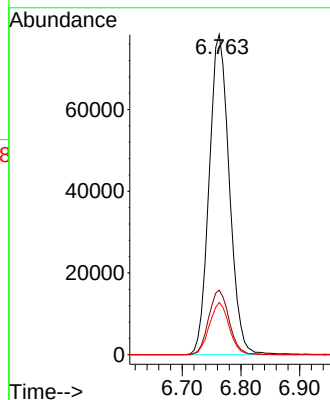
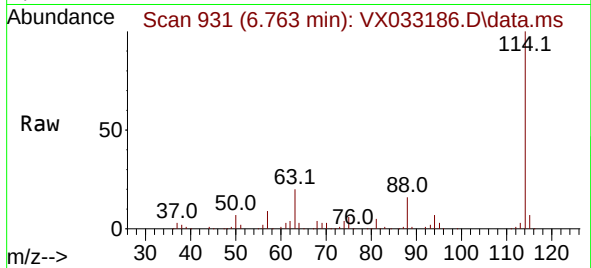




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

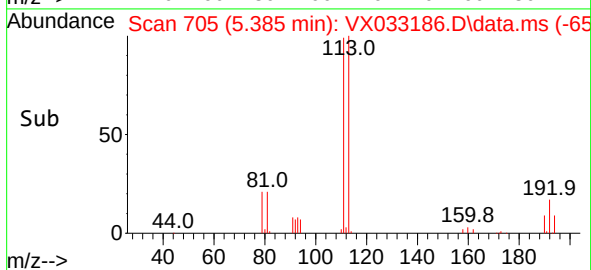
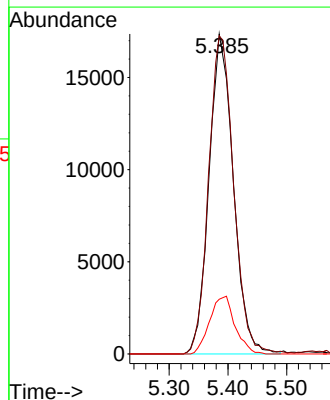
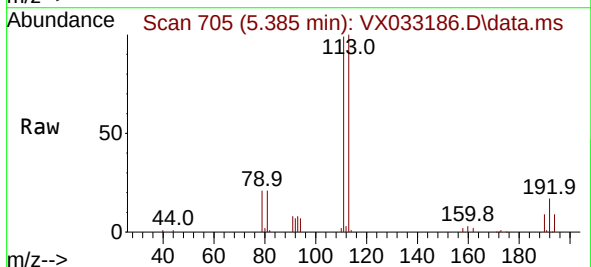
Instrument :  
MSVOA\_X  
ClientSampleId :  
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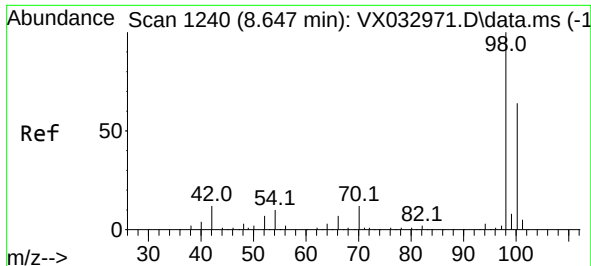
Tgt Ion:114 Resp: 186730  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 41.6  
88 16.3 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 47.359 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

Tgt Ion:113 Resp: 49855  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.4 123.6  
192 18.7 15.4 23.2

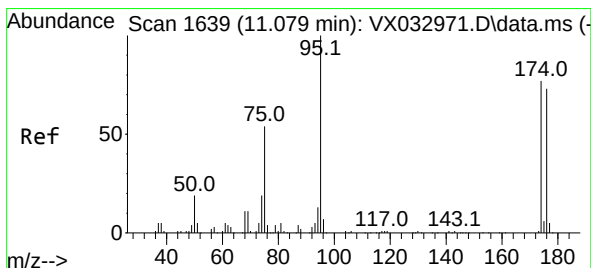
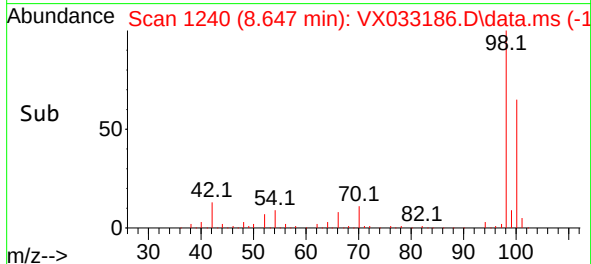
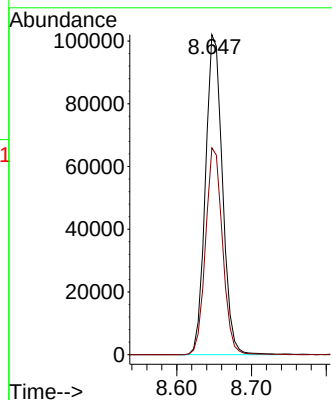
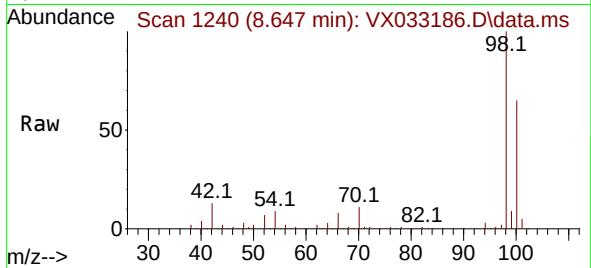




#50  
Toluene-d8  
Concen: 50.861 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

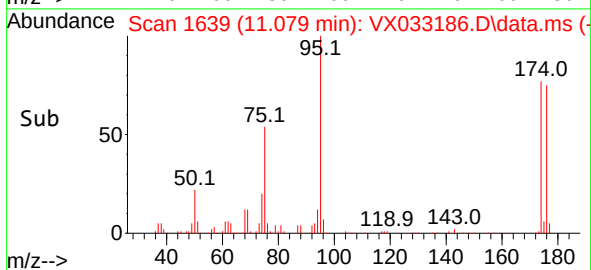
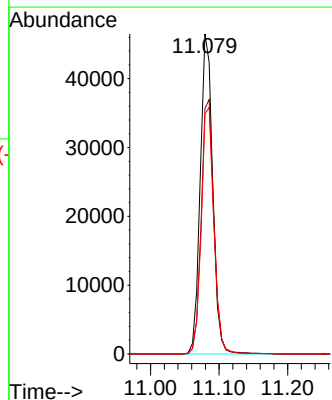
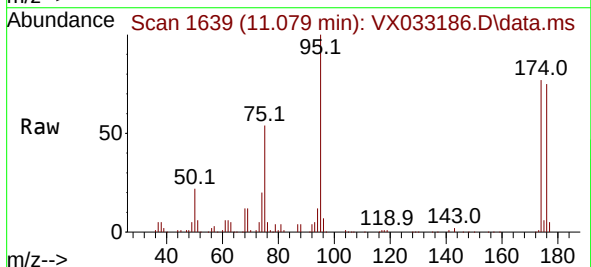
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW9-PT-IN-03-12012022

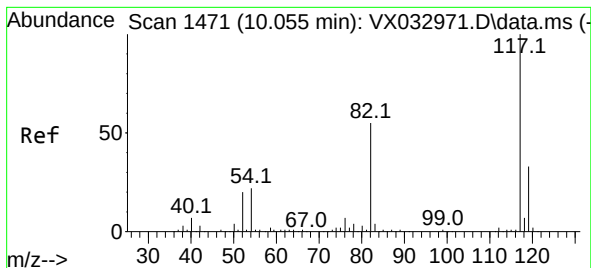
Tgt Ion: 98 Resp: 160980  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 42.543 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX033186.D  
Acq: 02 Dec 2022 15:25

Tgt Ion: 95 Resp: 58831  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 164.0  
176 78.4 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

Instrument :

MSVOA\_X

ClientSampleId :

RW9-PT-IN-03-12012022

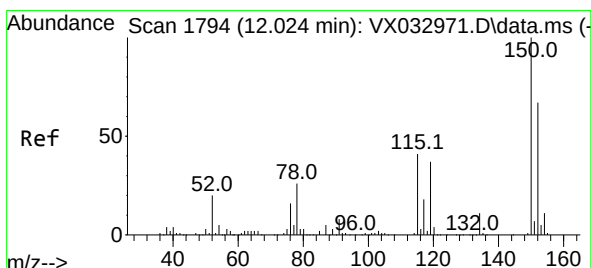
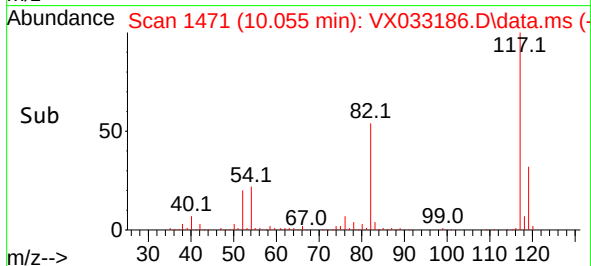
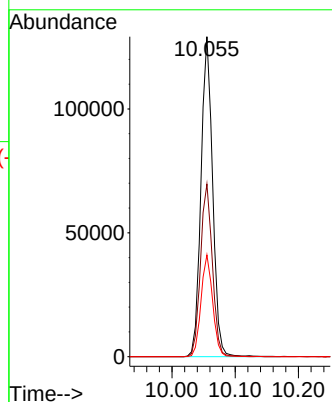
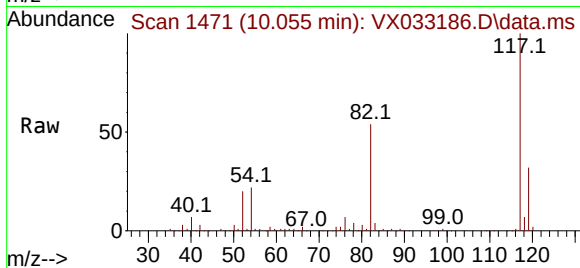
Tgt Ion:117 Resp: 165653

Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 31.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

Tgt Ion:152 Resp: 75121

Ion Ratio Lower Upper

152 100

115 59.7 44.0 132.0

150 154.4 0.0 351.8

