

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
 Data File : VX032824.D  
 Acq On : 15 Nov 2022 15:49  
 Operator : JC/MD  
 Sample : N5587-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-01-20221110

Quant Time: Nov 16 03:34:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 100016   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 165639   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 149520   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 69628    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 69727    | 50.174   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 100.340% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 56384    | 47.722   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.440%  |
| 50) Toluene-d8              | 8.647  | 98    | 204653   | 49.813   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.620%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 77561    | 48.329   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 96.660%  |

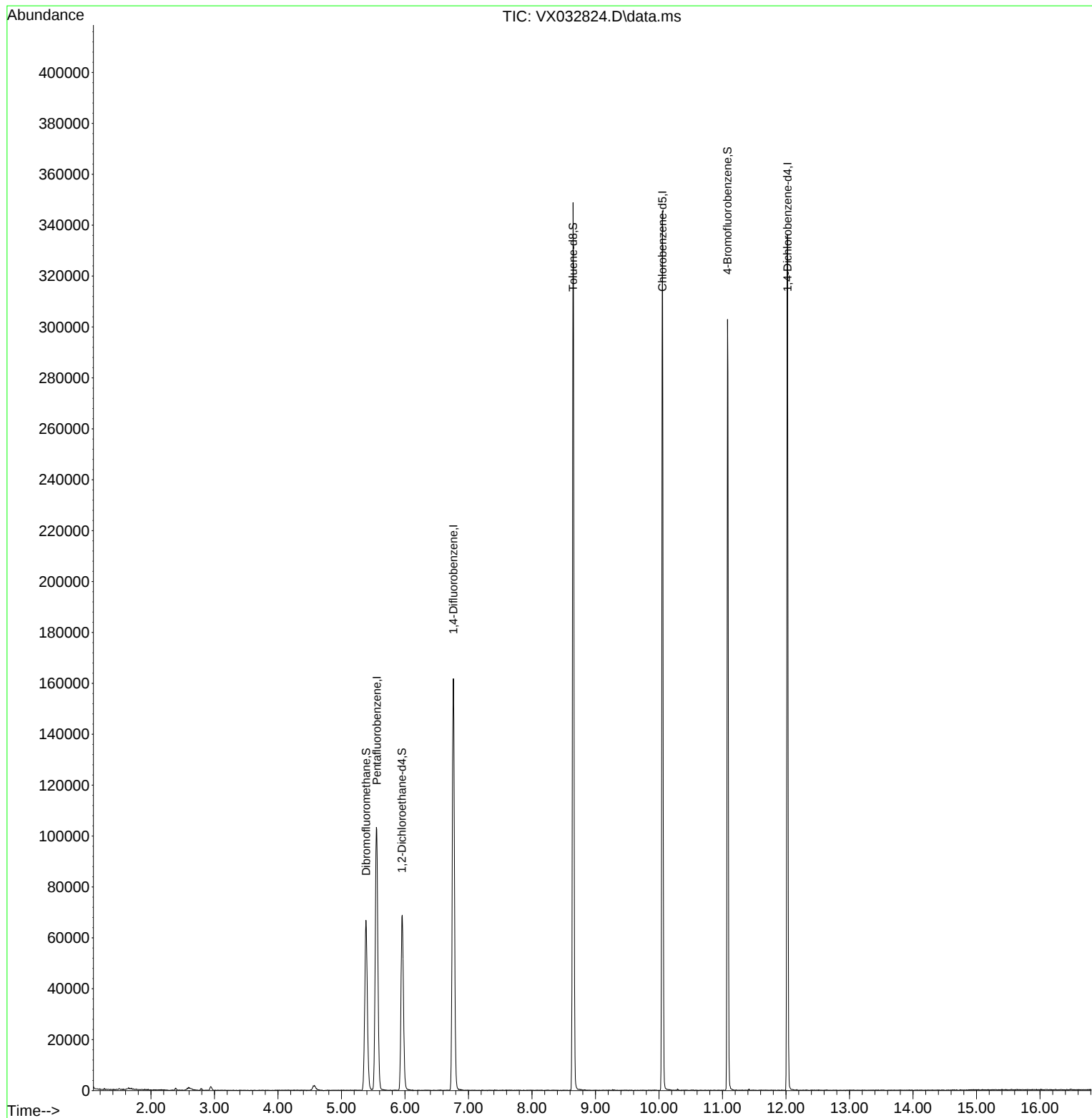
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

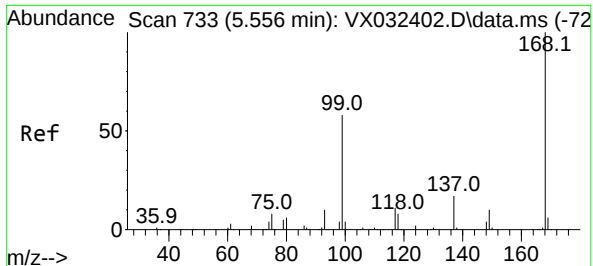
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

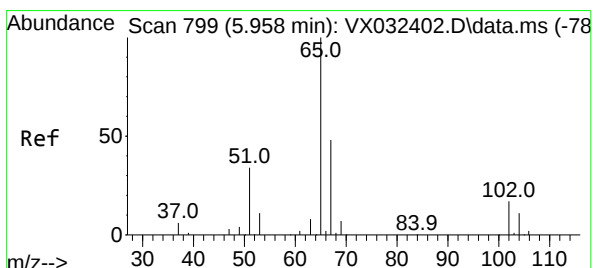
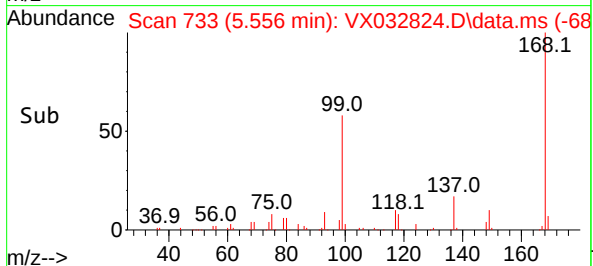
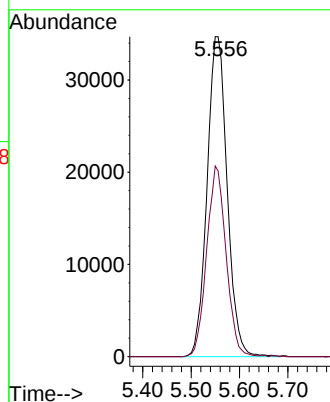
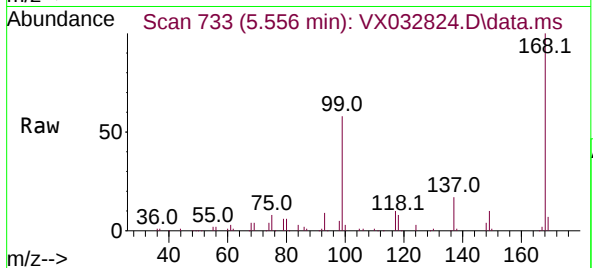




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

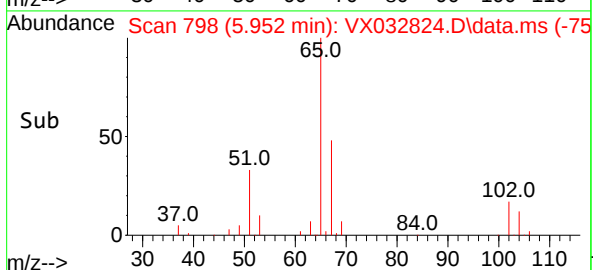
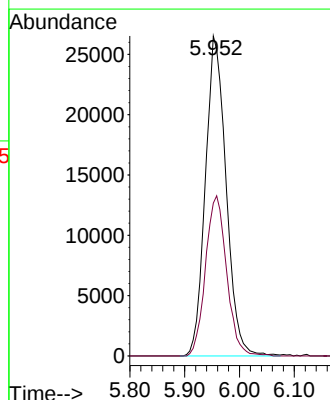
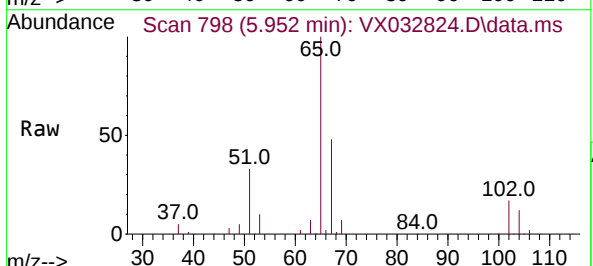
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-01-20221110

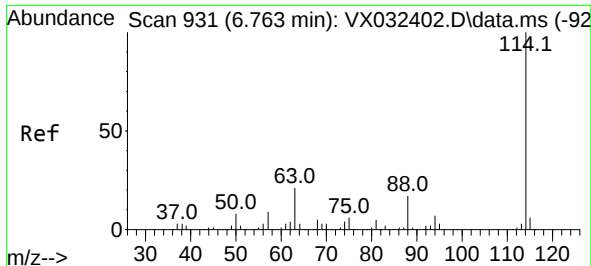
Tgt Ion:168 Resp: 100016  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 50.174 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

Tgt Ion: 65 Resp: 69727  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 101.8

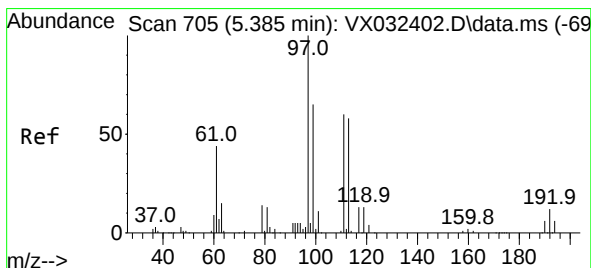
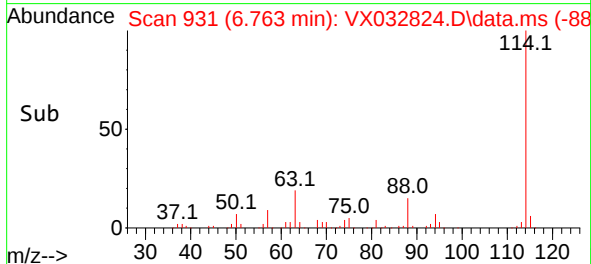
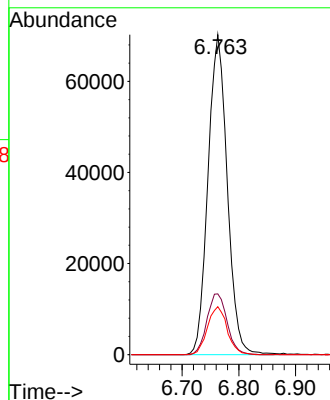
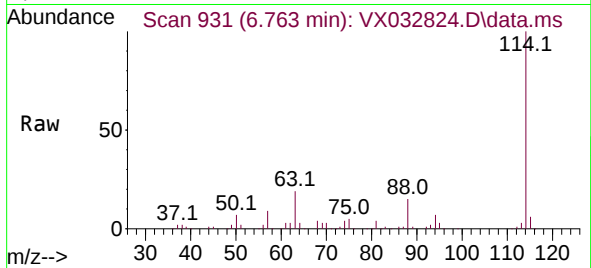




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

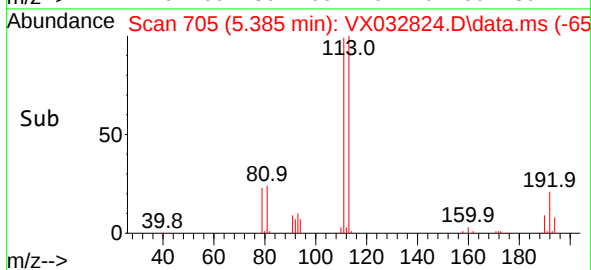
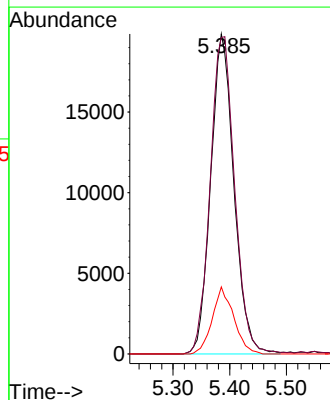
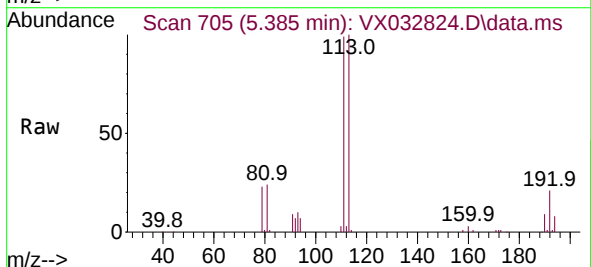
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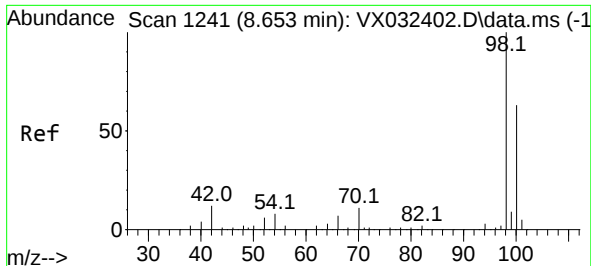
Tgt Ion:114 Resp: 165639  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 41.6  
88 15.0 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 47.722 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

Tgt Ion:113 Resp: 56384  
Ion Ratio Lower Upper  
113 100  
111 104.3 82.4 123.6  
192 19.3 15.4 23.2

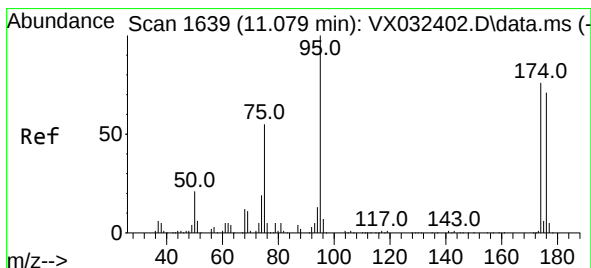
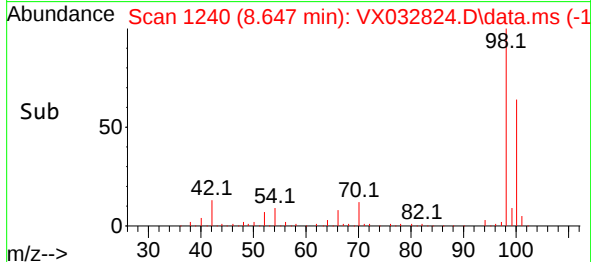
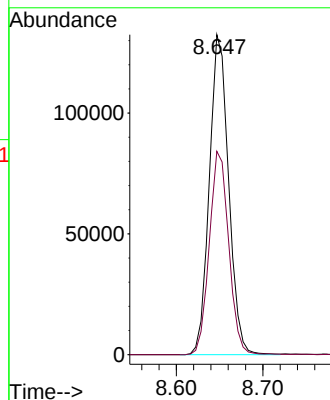
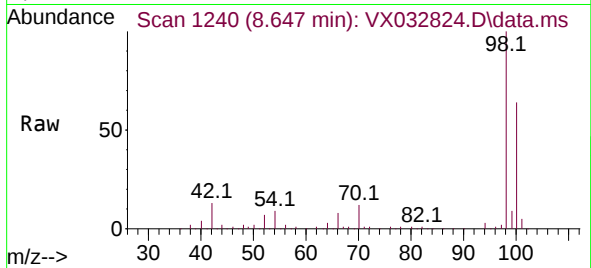




#50  
Toluene-d8  
Concen: 49.813 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

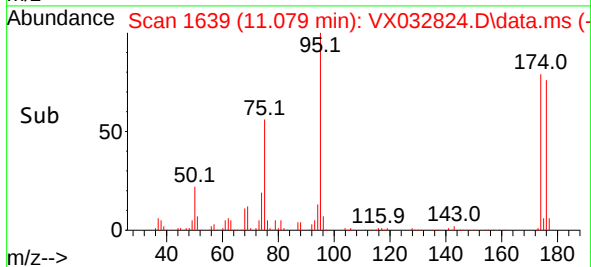
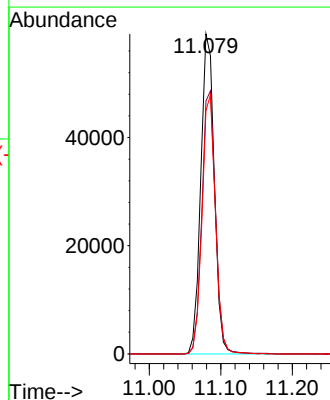
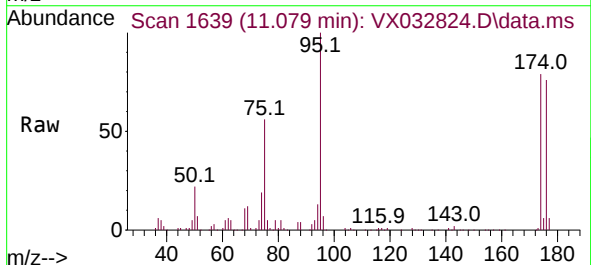
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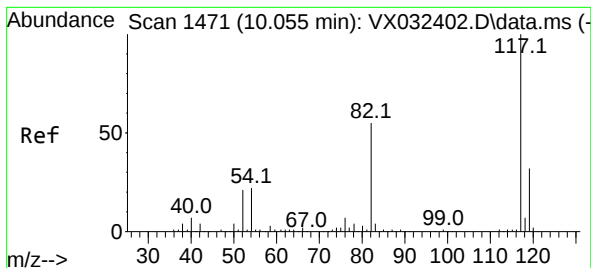
Tgt Ion: 98 Resp: 204653  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 48.329 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032824.D  
Acq: 15 Nov 2022 15:49

Tgt Ion: 95 Resp: 77561  
Ion Ratio Lower Upper  
95 100  
174 82.9 0.0 164.0  
176 80.1 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: VX032824.D

Acq: 15 Nov 2022 15:49

Instrument :

MSVOA\_X

ClientSampleId :

DUP-01-20221110

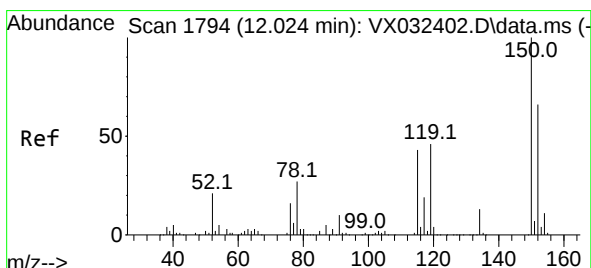
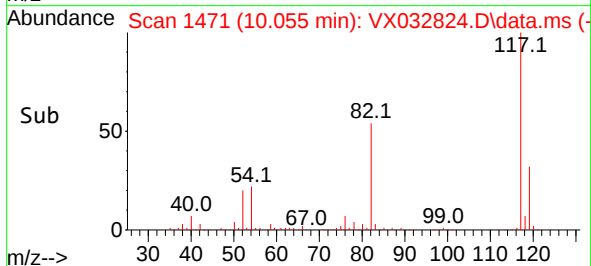
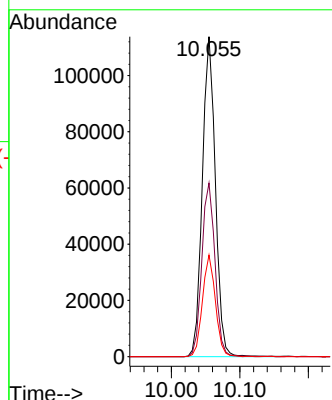
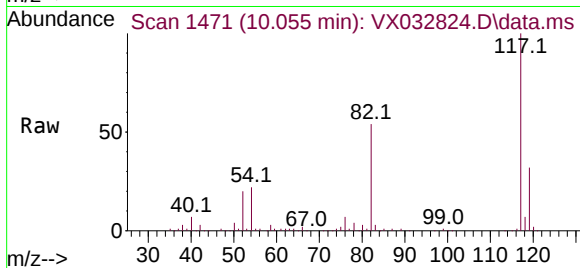
Tgt Ion:117 Resp: 149520

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 31.7 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: VX032824.D

Acq: 15 Nov 2022 15:49

Tgt Ion:152 Resp: 69628

Ion Ratio Lower Upper

152 100

115 58.5 44.0 132.0

150 157.4 0.0 351.8

