

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102623\  
 Data File : VX038518.D  
 Acq On : 26 Oct 2023 14:48  
 Operator : JC/MD  
 Sample : VX1026MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1026MBL01

Quant Time: Oct 27 05:17:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 206457   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 349801   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 355893   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 194943   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 124161   | 37.390   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 74.780%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 114497   | 45.426   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.860%  |
| 50) Toluene-d8              | 8.647  | 98    | 418937   | 43.496   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 87.000%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 165638   | 45.362   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.720%  |

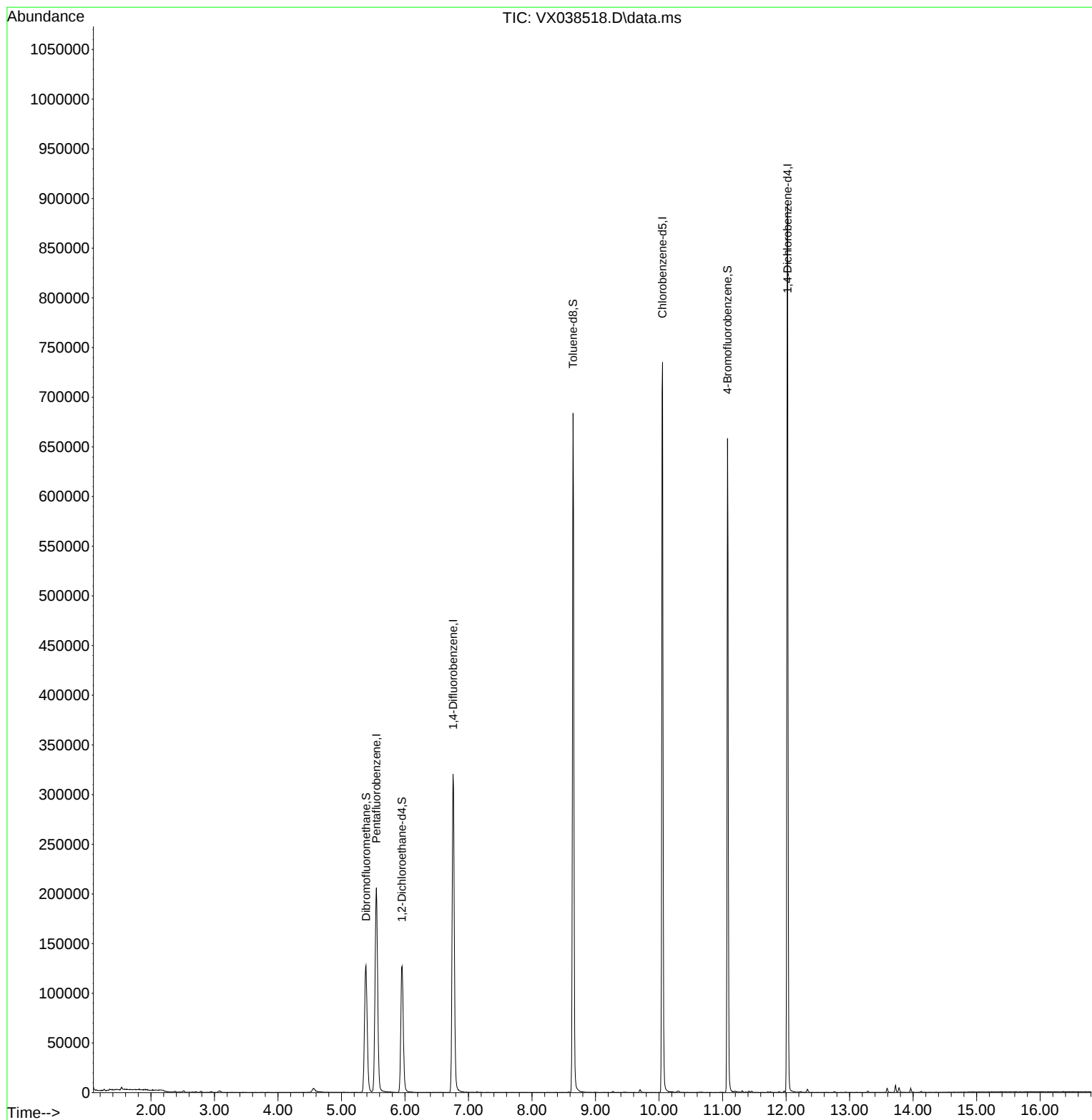
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

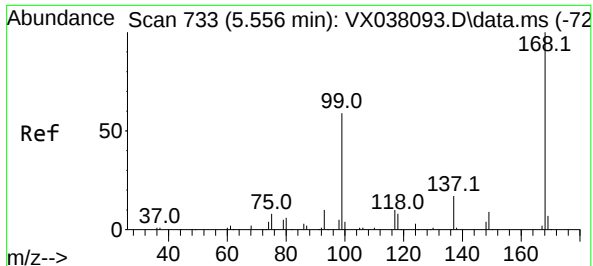
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
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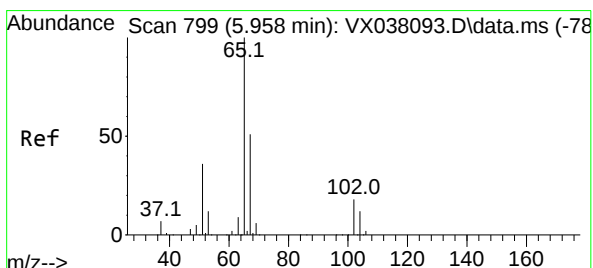
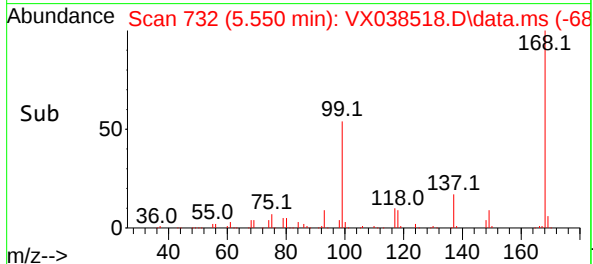
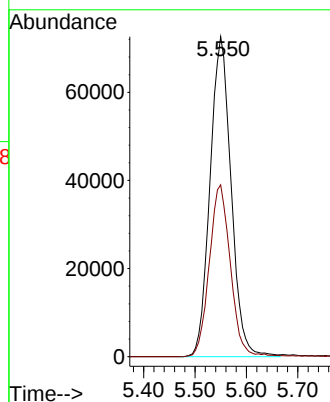
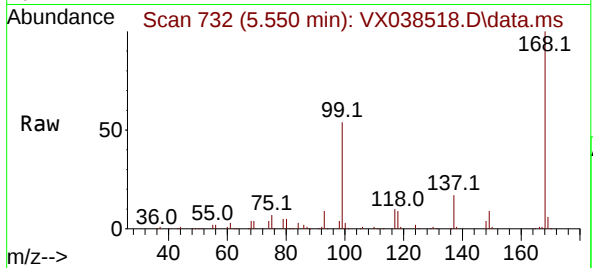




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

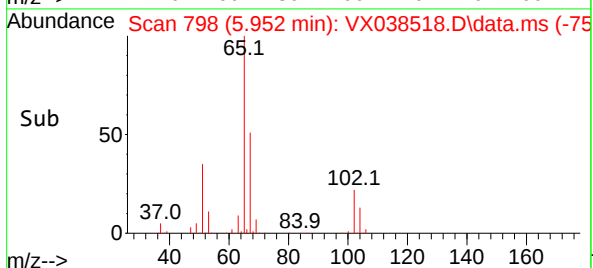
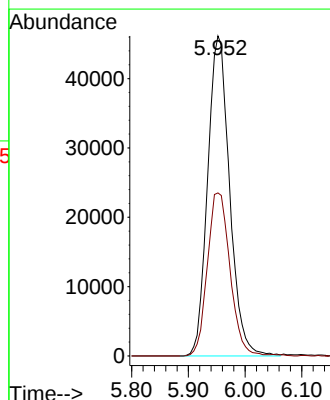
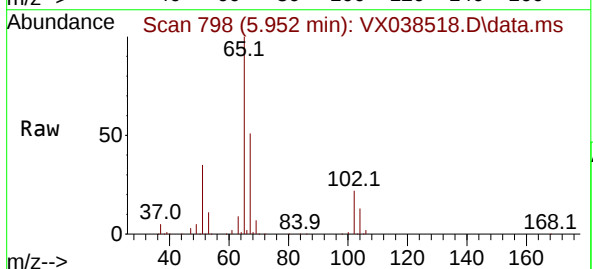
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1026MBL01

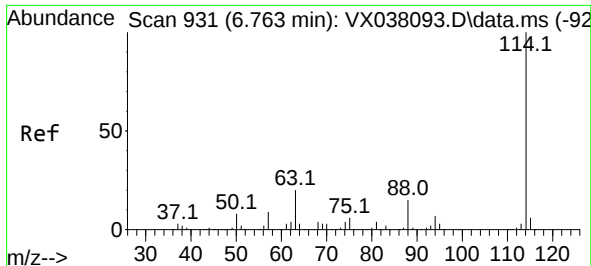
Tgt Ion:168 Resp: 206457  
Ion Ratio Lower Upper  
168 100  
99 53.7 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 37.390 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

Tgt Ion: 65 Resp: 124161  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 100.2

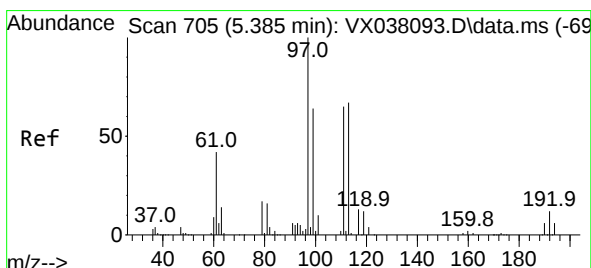
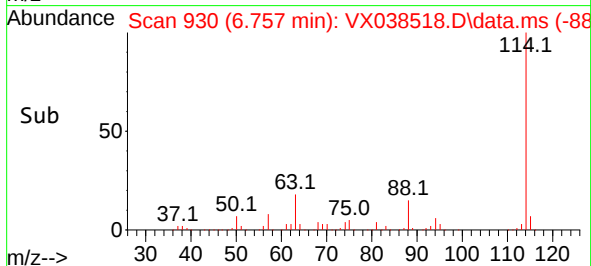
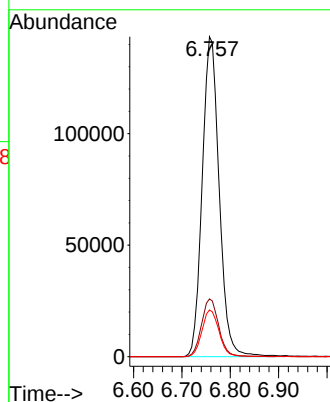
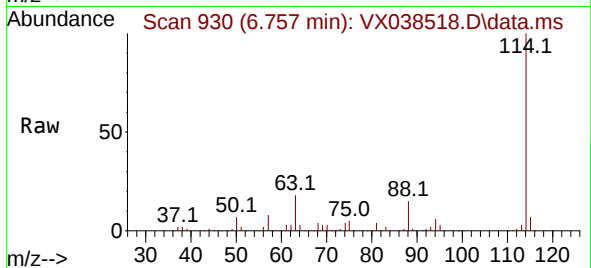




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

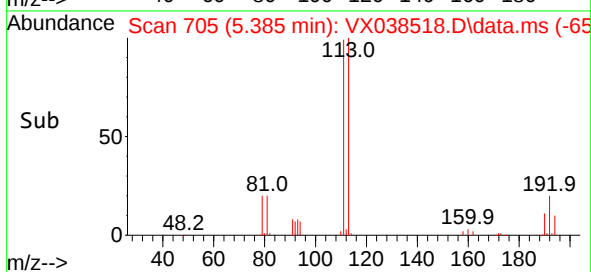
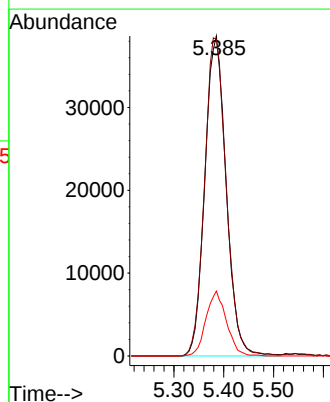
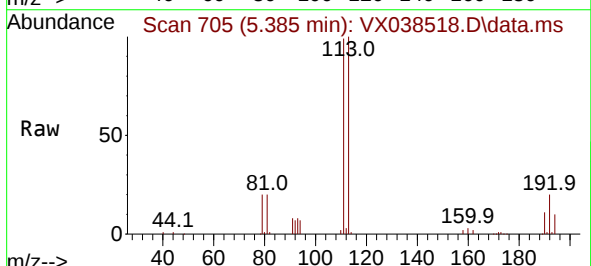
Instrument :  
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ClientSampleId :  
VX1026MBL01

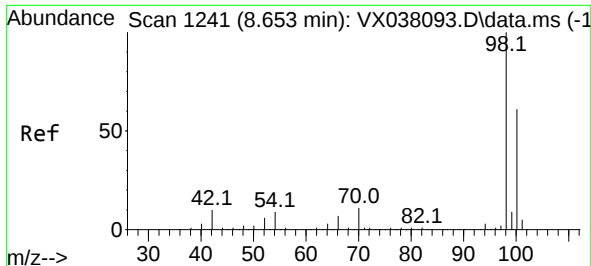
Tgt Ion:114 Resp: 349801  
Ion Ratio Lower Upper  
114 100  
63 18.0 0.0 45.0  
88 14.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.426 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

Tgt Ion:113 Resp: 114497  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.9 124.3  
192 19.5 13.3 19.9

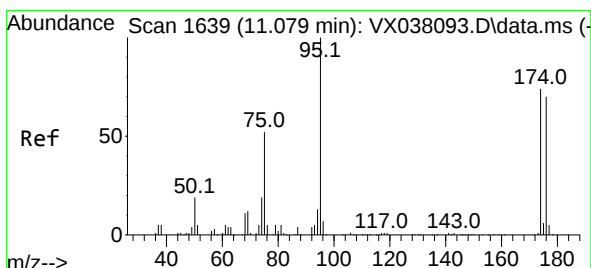
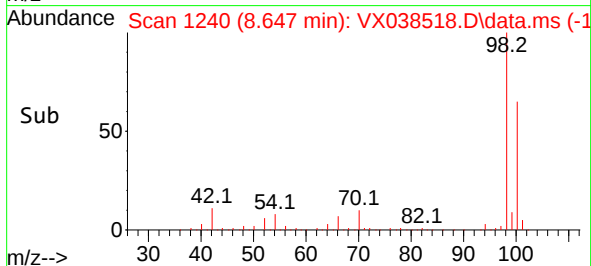
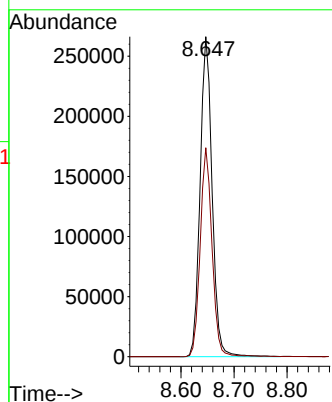
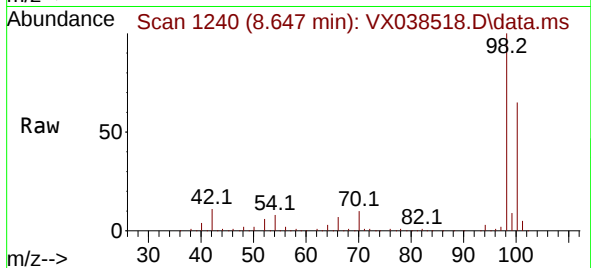




#50  
Toluene-d8  
Concen: 43.496 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

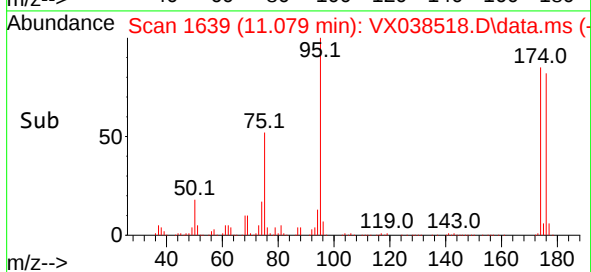
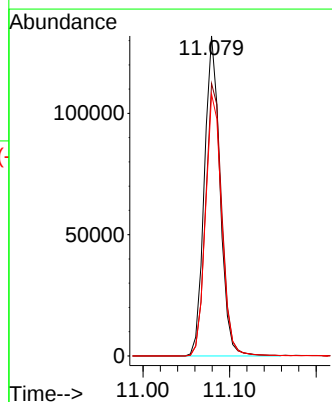
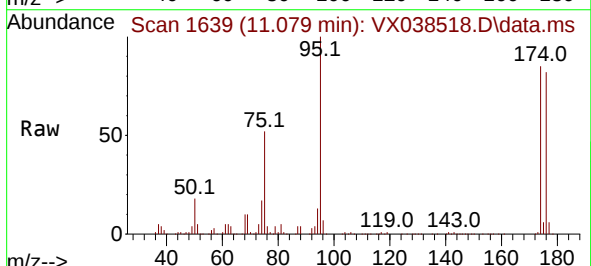
Instrument :  
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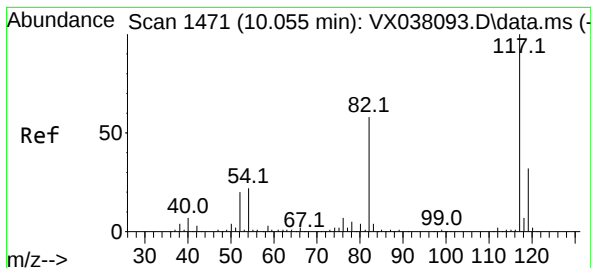
Tgt Ion: 98 Resp: 418937  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 45.362 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

Tgt Ion: 95 Resp: 165638  
Ion Ratio Lower Upper  
95 100  
174 89.2 0.0 135.6  
176 85.0 0.0 131.0

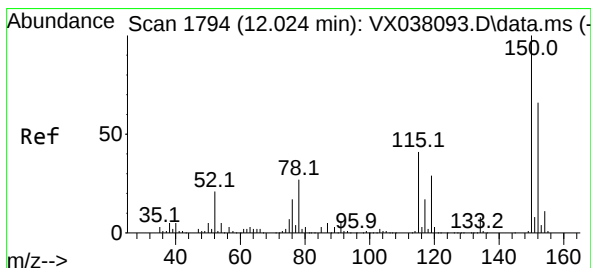
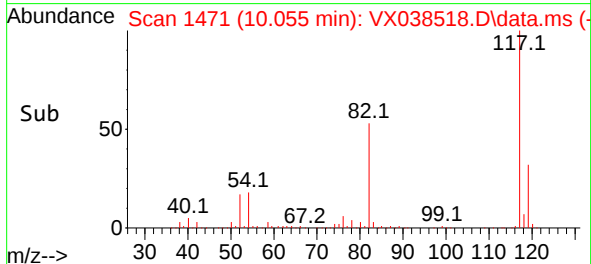
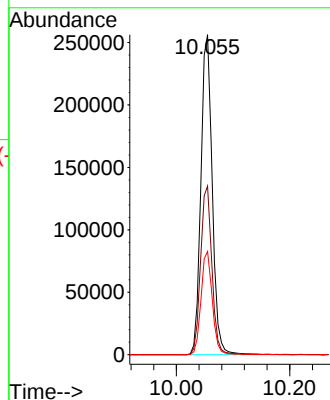
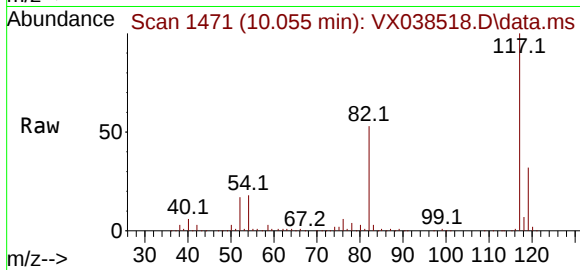




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1026MBL01

Tgt Ion:117 Resp: 355893  
Ion Ratio Lower Upper  
117 100  
82 52.7 46.2 69.4  
119 32.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038518.D  
Acq: 26 Oct 2023 14:48

Tgt Ion:152 Resp: 194943  
Ion Ratio Lower Upper  
152 100  
115 58.2 43.3 129.9  
150 158.1 0.0 345.0

