

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091923\  
 Data File : VX037802.D  
 Acq On : 19 Sep 2023 13:43  
 Operator : JC/MD  
 Sample : 04453-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-9-14

Quant Time: Sep 20 01:02:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 225906   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 381648   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 366131   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 184155   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 139860   | 47.122   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 94.240%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 119233   | 46.692   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 462783   | 48.774   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.540%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 172542   | 50.043   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 100.080% |

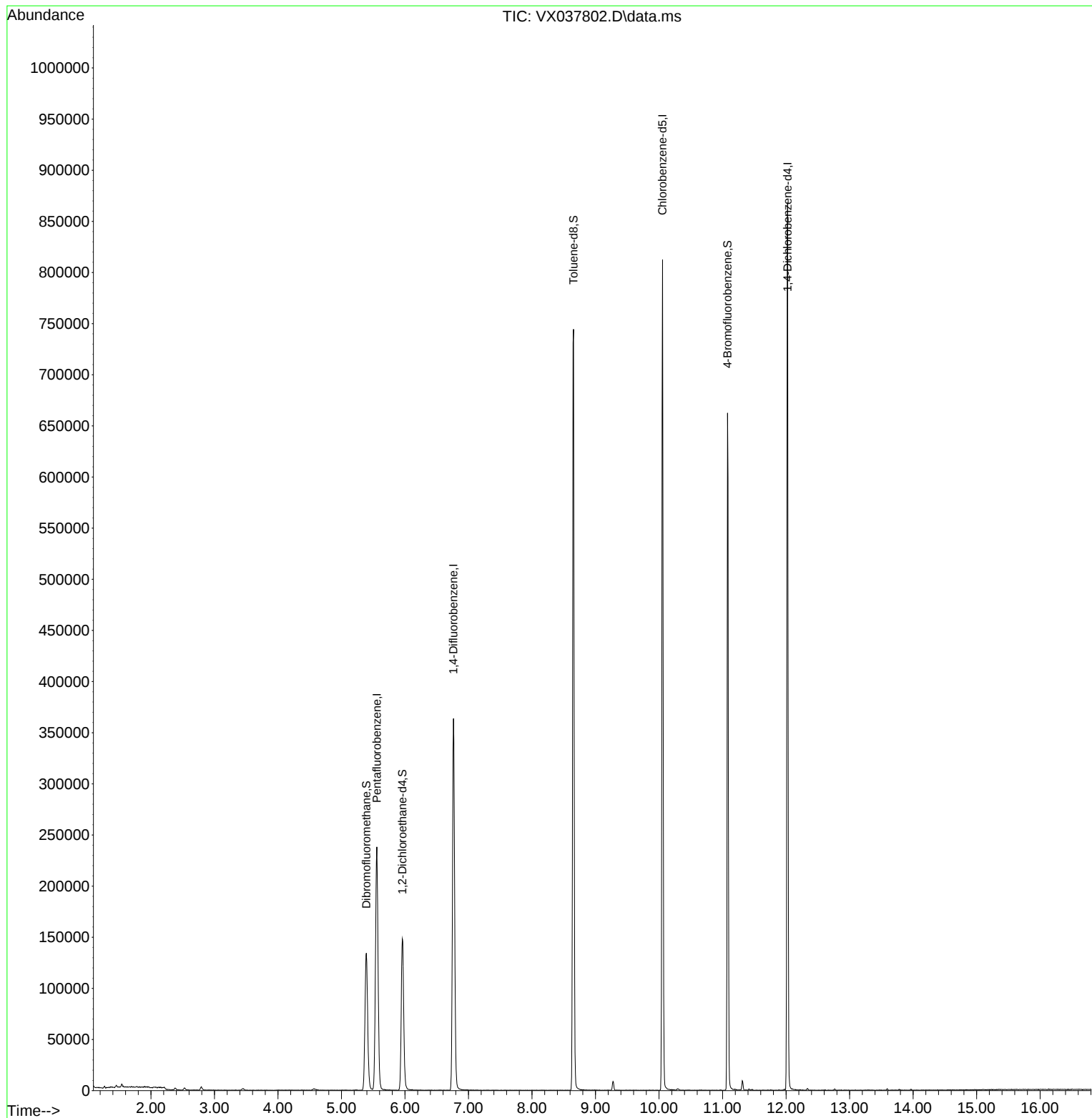
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

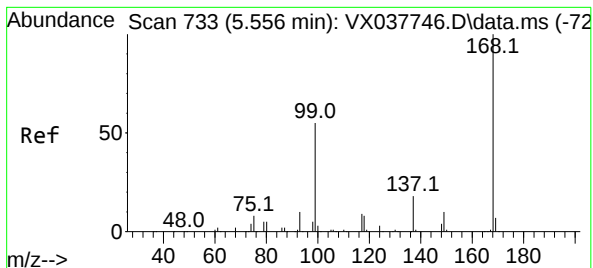
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration

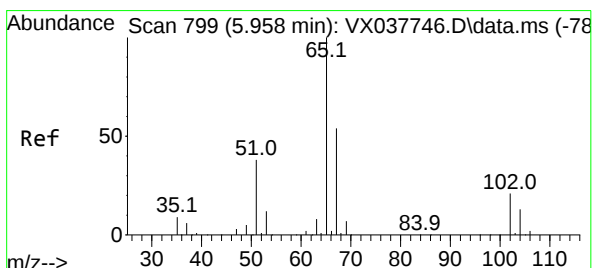
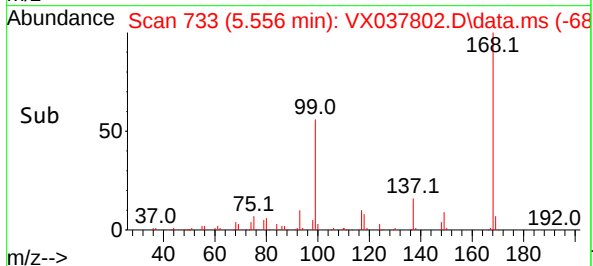
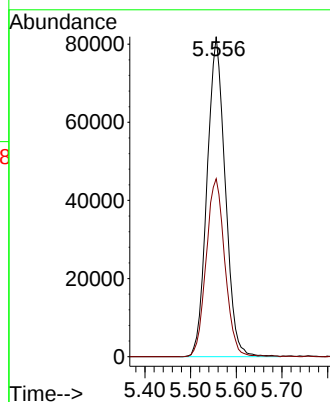
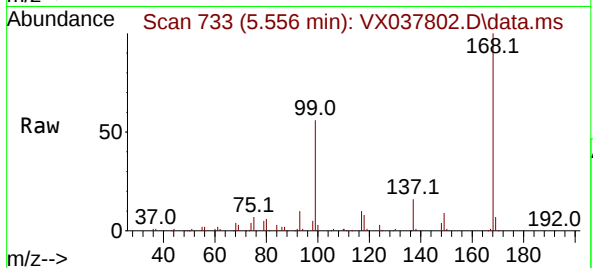




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

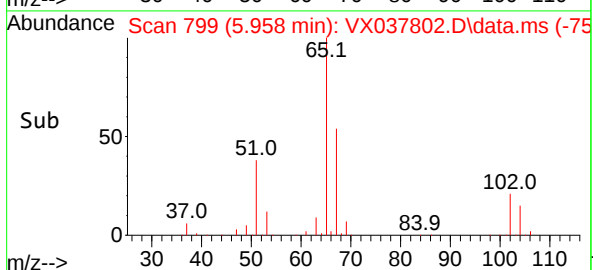
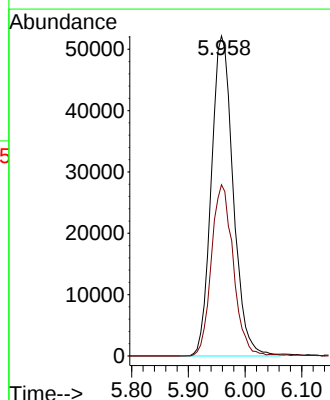
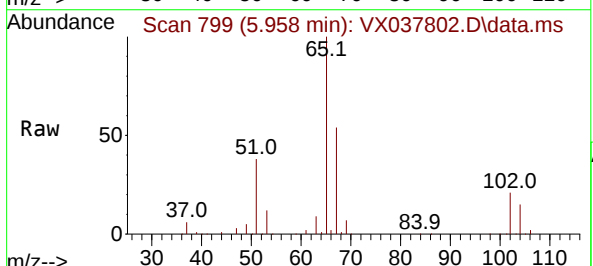
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-9-14

Tgt Ion:168 Resp: 225906  
Ion Ratio Lower Upper  
168 100  
99 55.6 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 47.122 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

Tgt Ion: 65 Resp: 139860  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 100.2

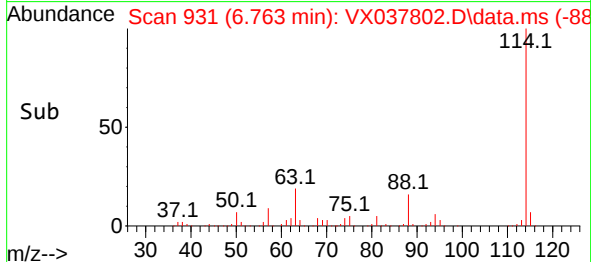
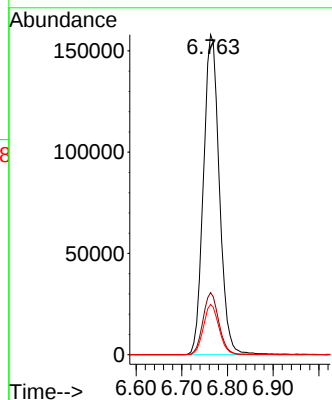
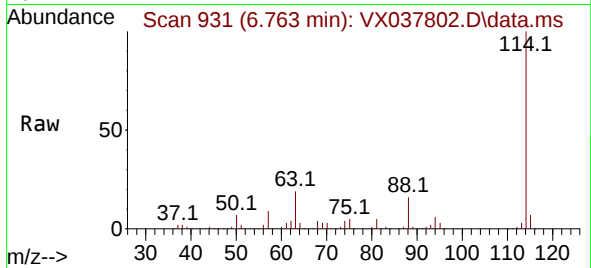




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

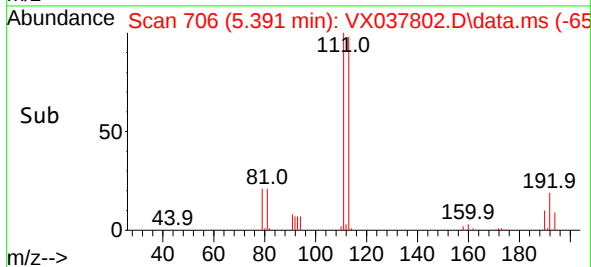
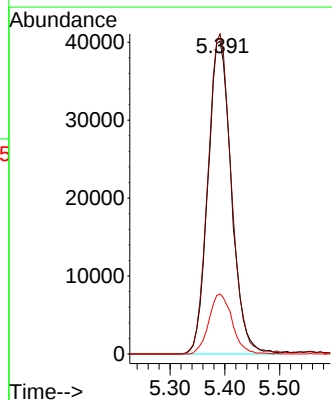
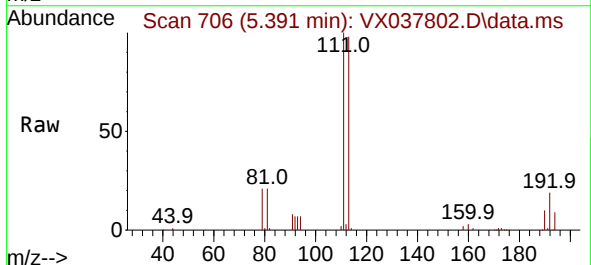
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-9-14

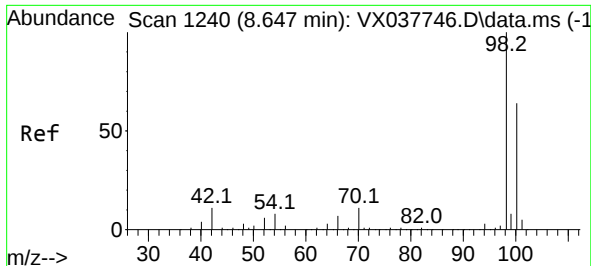
Tgt Ion:114 Resp: 381648  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 15.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.692 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

Tgt Ion:113 Resp: 119233  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 19.0 13.3 19.9

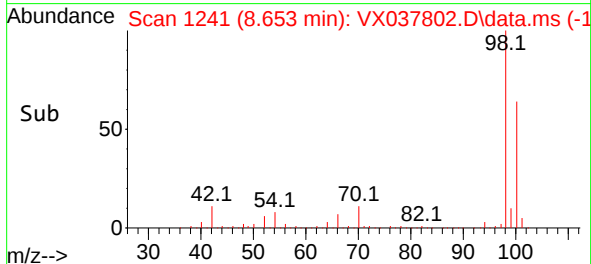
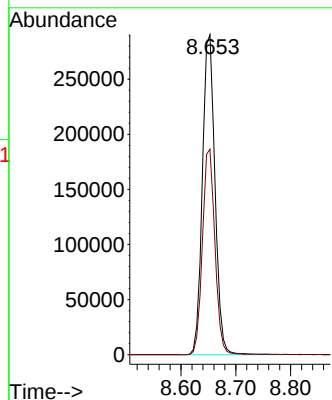
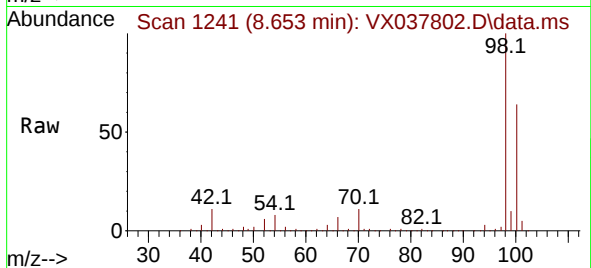




#50  
Toluene-d8  
Concen: 48.774 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

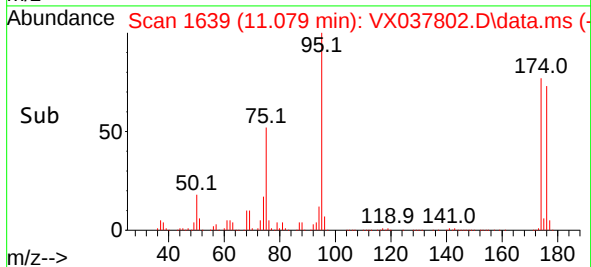
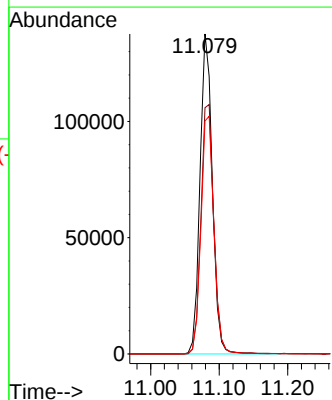
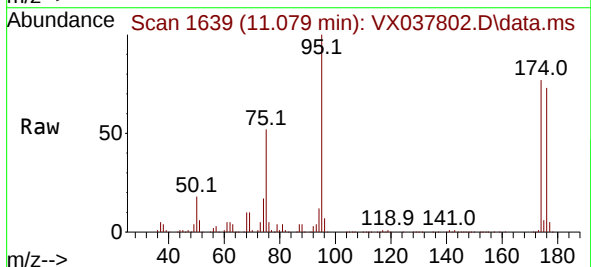
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-9-14

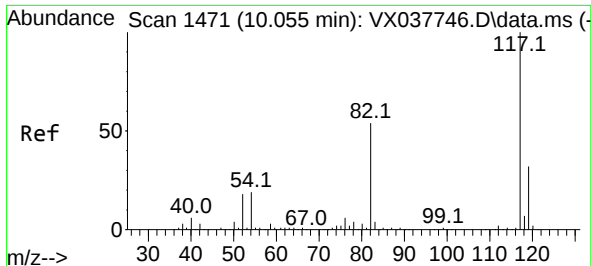
Tgt Ion: 98 Resp: 462783  
Ion Ratio Lower Upper  
98 100  
100 63.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 50.043 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

Tgt Ion: 95 Resp: 172542  
Ion Ratio Lower Upper  
95 100  
174 81.7 0.0 135.6  
176 78.2 0.0 131.0

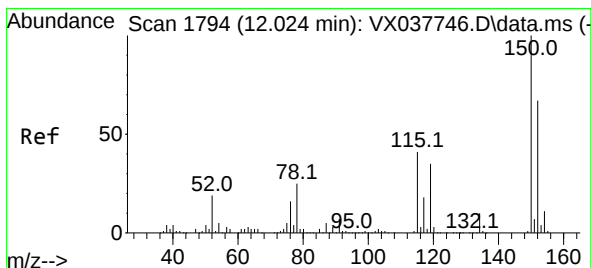
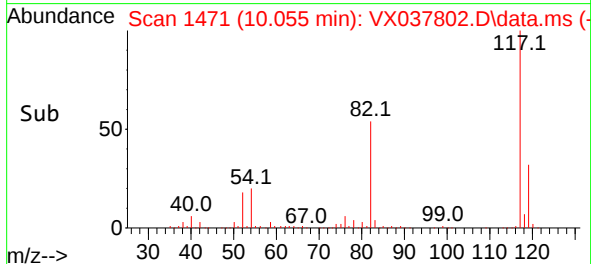
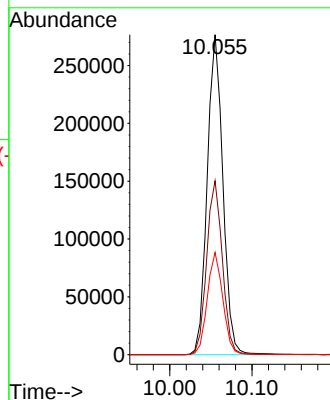
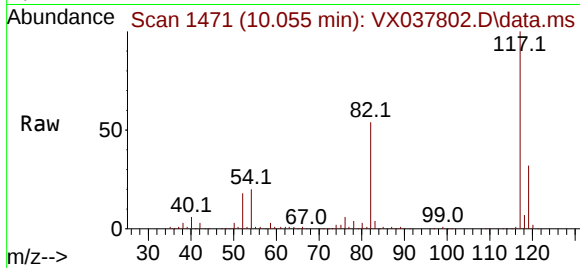




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037802.D  
Acq: 19 Sep 2023 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-9-14

Tgt Ion:117 Resp: 366131  
Ion Ratio Lower Upper  
117 100  
82 54.4 46.2 69.4  
119 32.0 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: VX037802.D  
Acq: 19 Sep 2023 13:43

Tgt Ion:152 Resp: 184155  
Ion Ratio Lower Upper  
152 100  
115 60.1 43.3 129.9  
150 155.7 0.0 345.0

