

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092122\  
 Data File : VX031544.D  
 Acq On : 22 Sep 2022 02:59  
 Operator : JC/MD  
 Sample : N4614-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB091322

Quant Time: Sep 22 04:25:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 09:45:29 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 75248    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 123416   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 112437   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 51396    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 77102    | 55.894   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.780% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 64184    | 50.320   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.640% |          |
| 50) Toluene-d8              | 8.647  | 98    | 244942   | 49.815   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.640%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 78203    | 46.954   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 93.900%  |          |

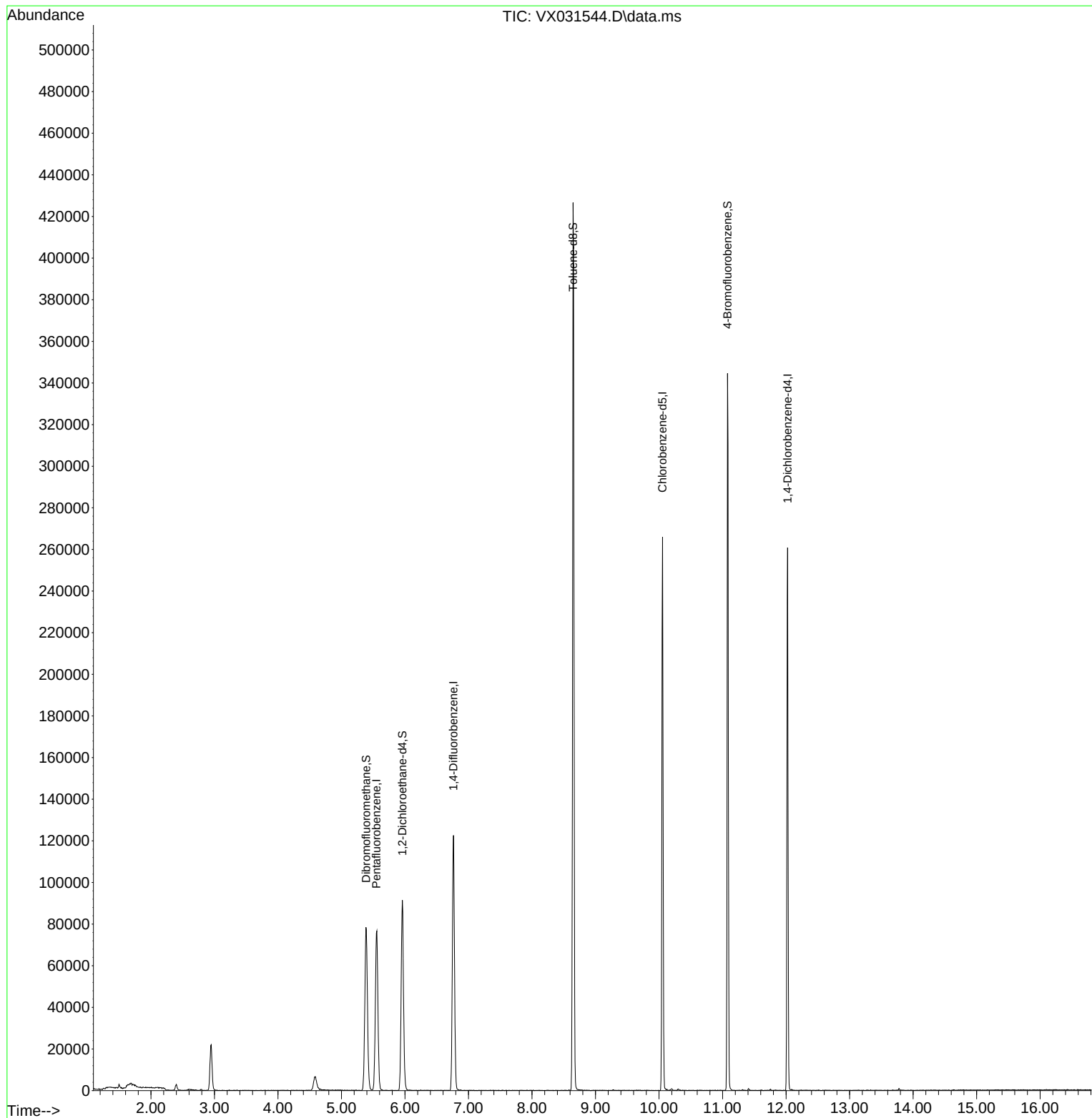
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

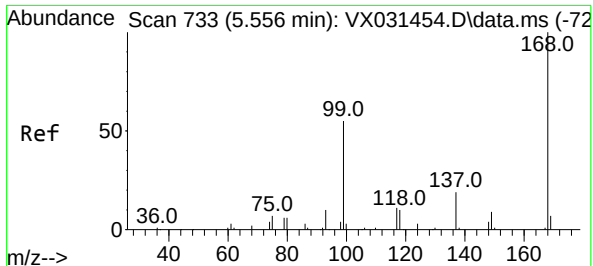
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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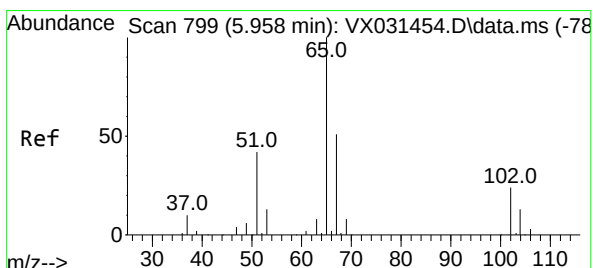
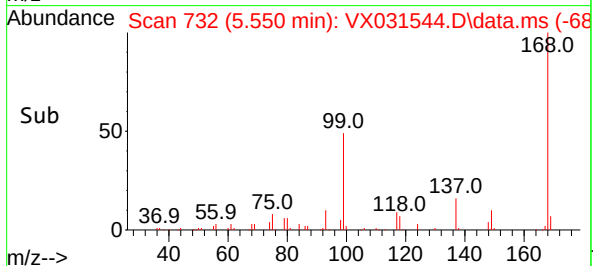
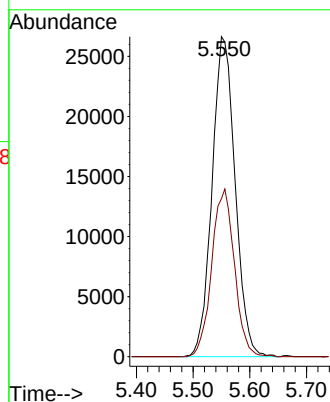
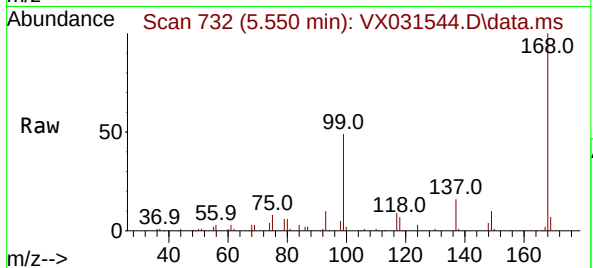




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

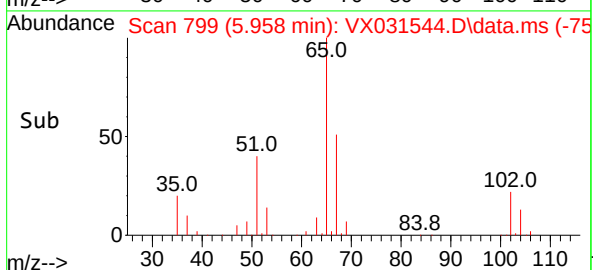
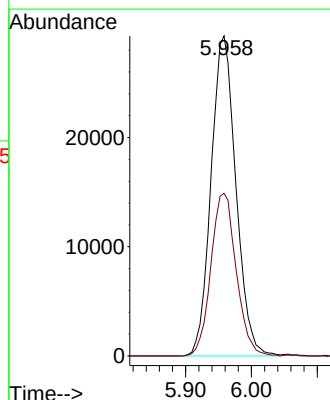
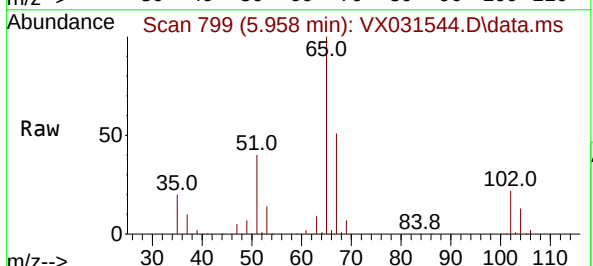
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB091322

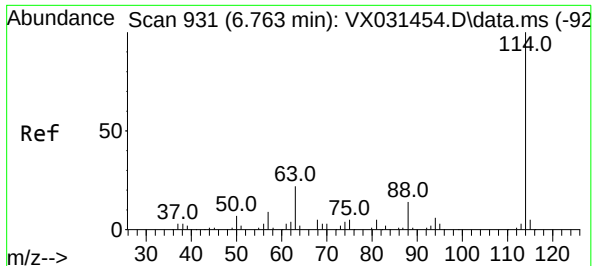
Tgt Ion:168 Resp: 75248  
Ion Ratio Lower Upper  
168 100  
99 49.4 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 55.894 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

Tgt Ion: 65 Resp: 77102  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 102.4

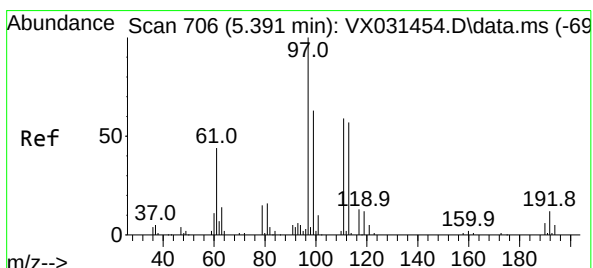
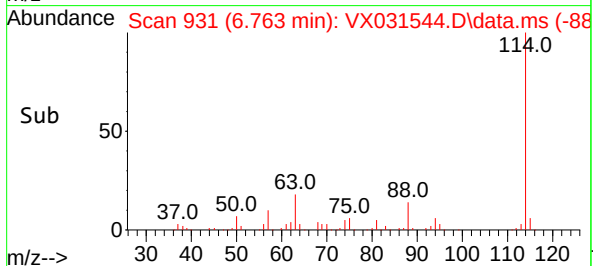
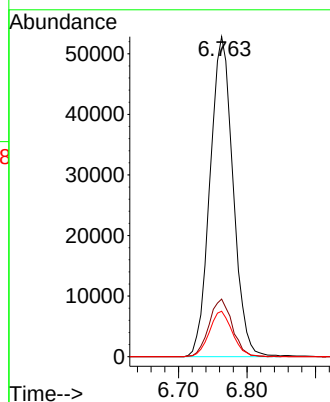
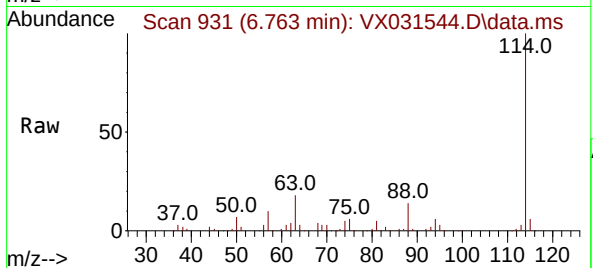




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

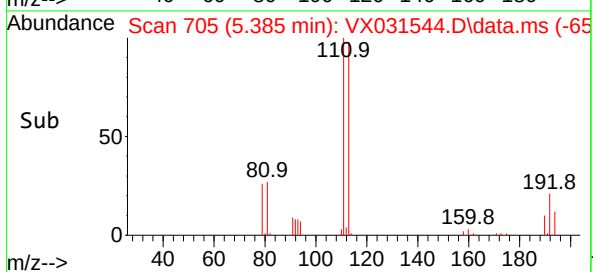
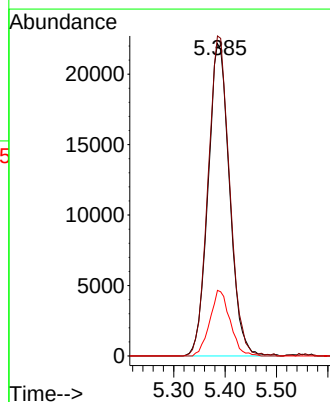
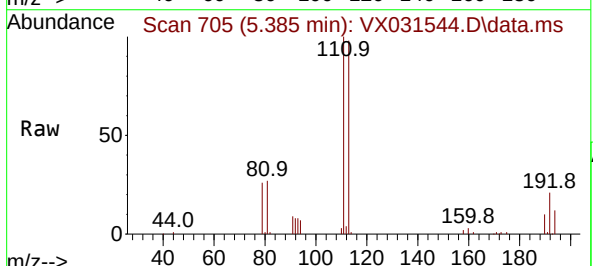
Instrument :  
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ClientSampleId :  
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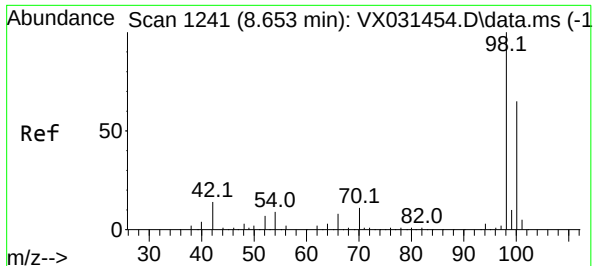
Tgt Ion:114 Resp: 123416  
Ion Ratio Lower Upper  
114 100  
63 18.0 0.0 42.6  
88 14.2 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 50.320 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

Tgt Ion:113 Resp: 64184  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.4 123.6  
192 19.9 14.1 21.1

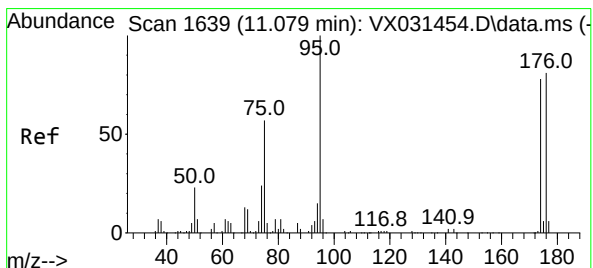
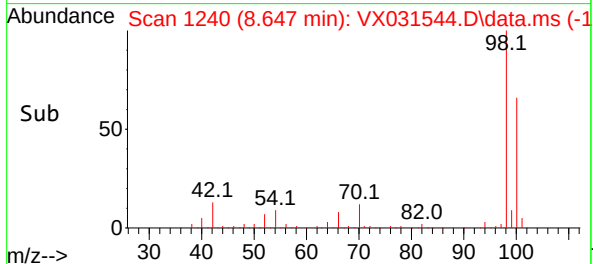
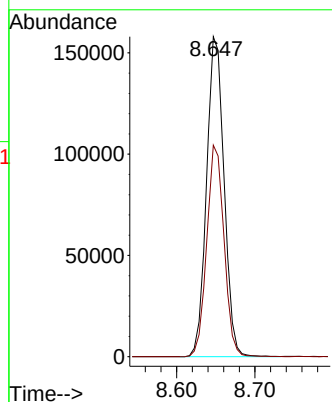
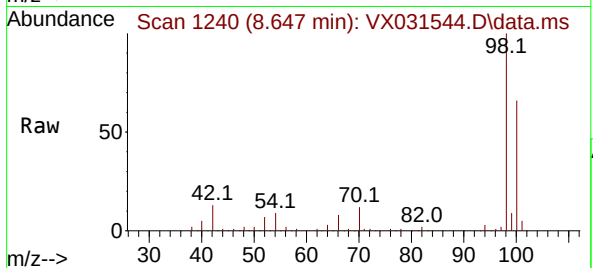




#50  
Toluene-d8  
Concen: 49.815 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

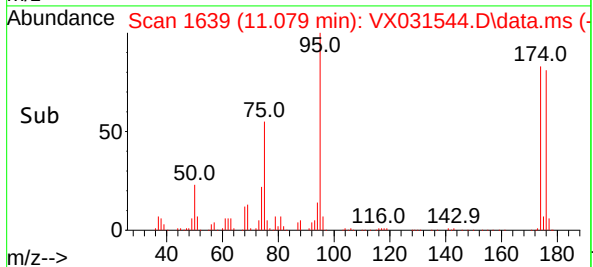
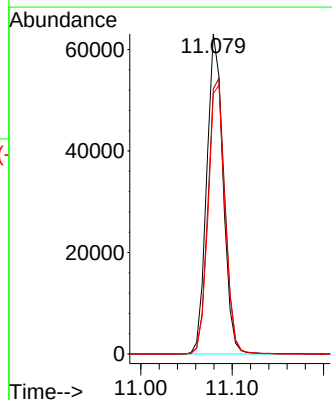
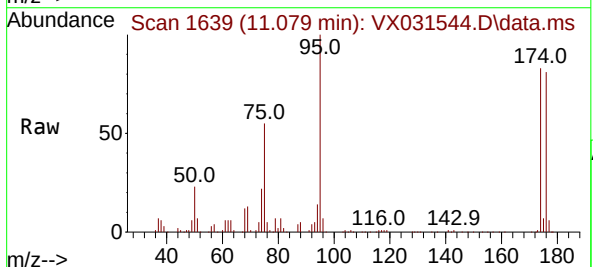
Instrument :  
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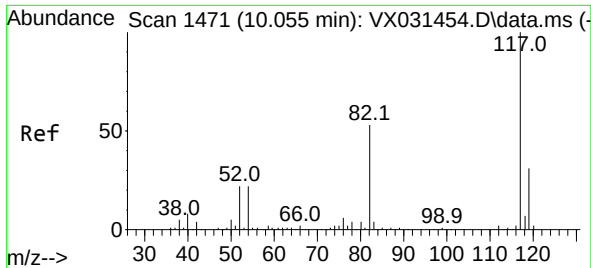
Tgt Ion: 98 Resp: 244942  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 46.954 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

Tgt Ion: 95 Resp: 78203  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 153.2  
176 86.6 0.0 144.0

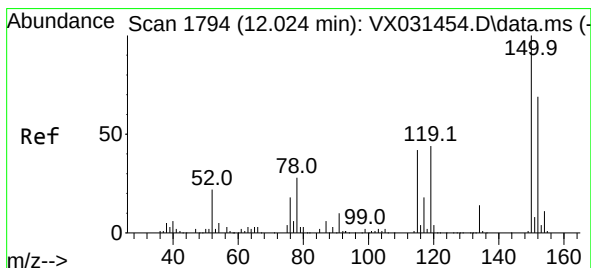
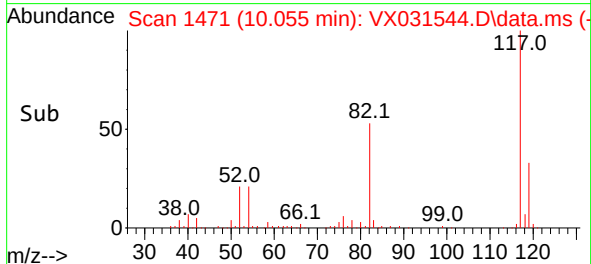
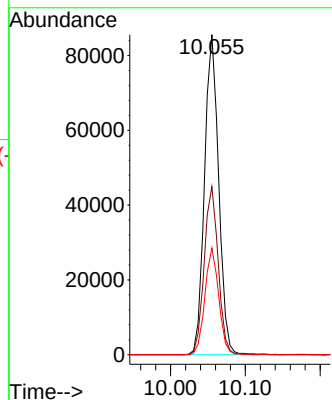
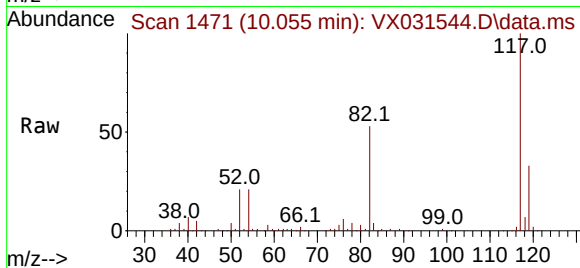




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB091322

Tgt Ion:117 Resp: 112437  
Ion Ratio Lower Upper  
117 100  
82 52.6 46.8 70.2  
119 33.3 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031544.D  
Acq: 22 Sep 2022 02:59

Tgt Ion:152 Resp: 51396  
Ion Ratio Lower Upper  
152 100  
115 54.8 43.4 130.1  
150 158.1 0.0 346.8

