

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042622\  
 Data File : VX028354.D  
 Acq On : 26 Apr 2022 16:59  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Apr 27 02:06:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 529857   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 848564   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 801599   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 404112   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 324760   | 47.007   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 94.020%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 307738   | 51.713   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 103.420% |
| 50) Toluene-d8              | 8.653  | 98    | 1119430  | 48.977   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 97.960%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 422450   | 48.339   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 96.680%  |

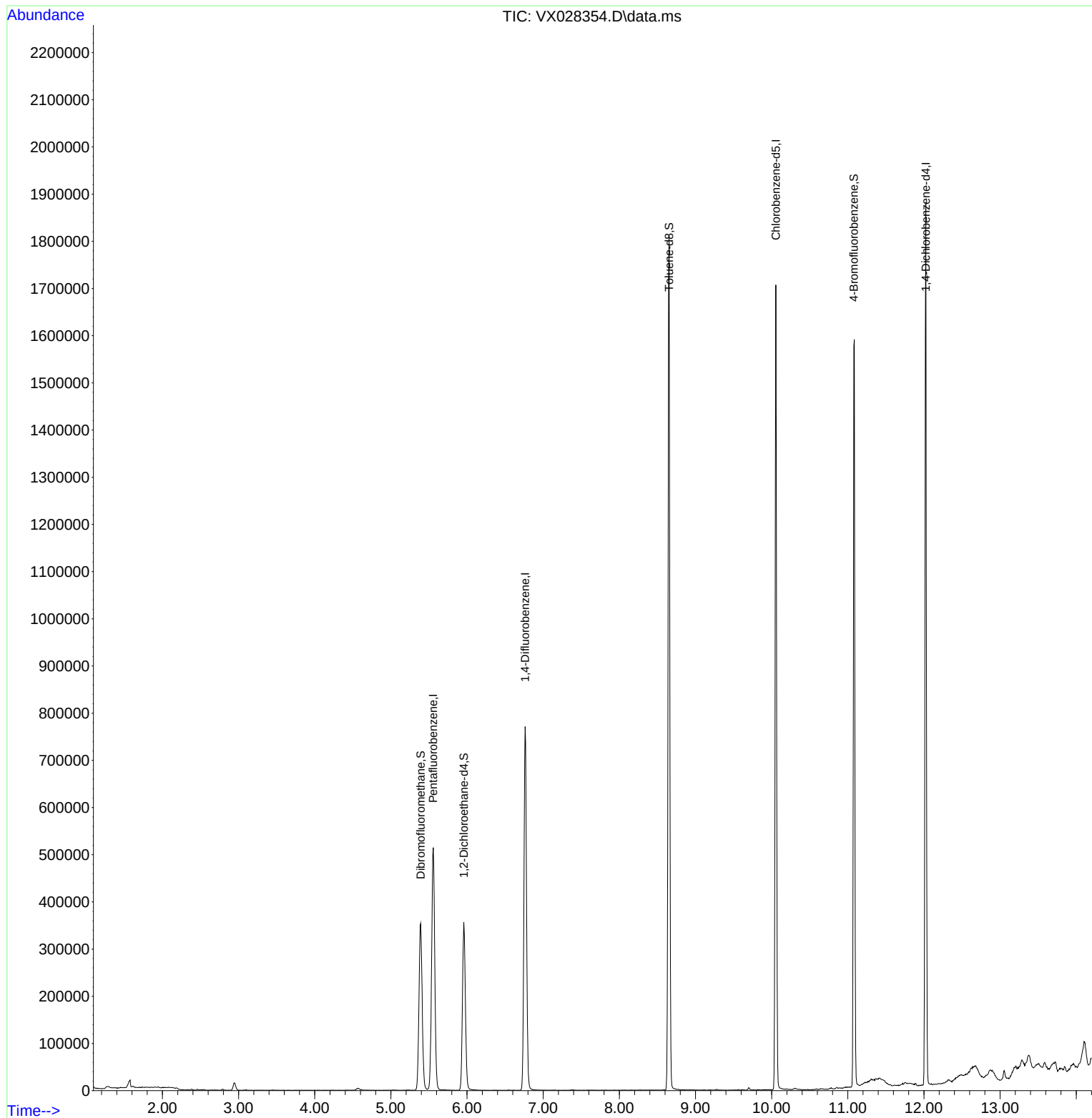
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

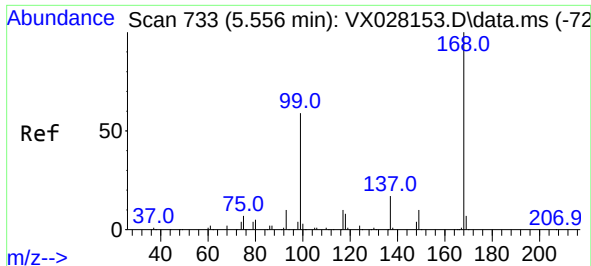
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

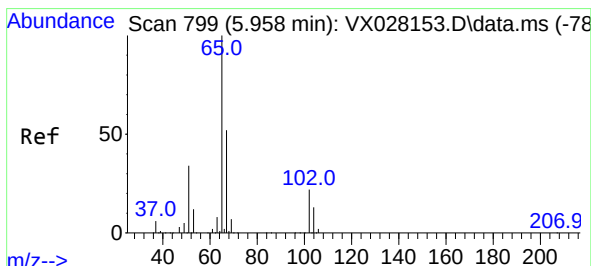
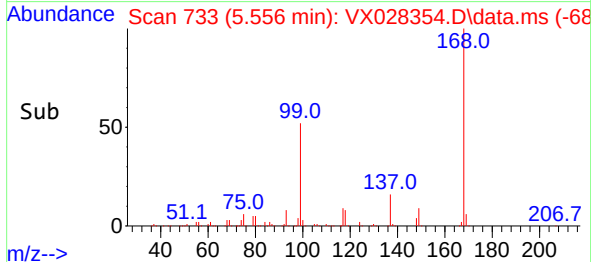
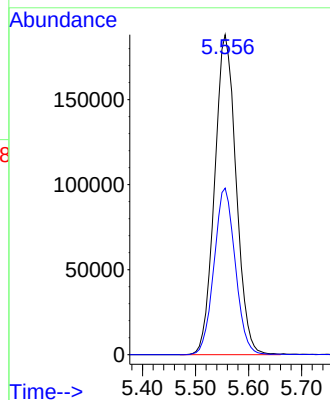
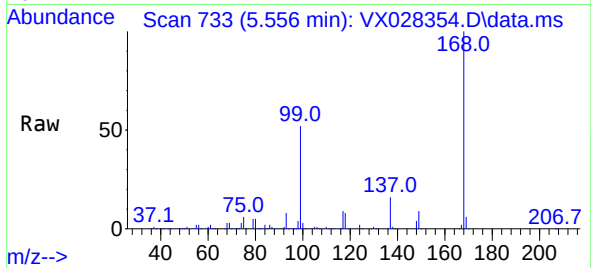




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

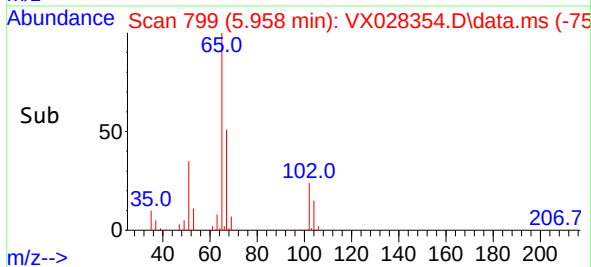
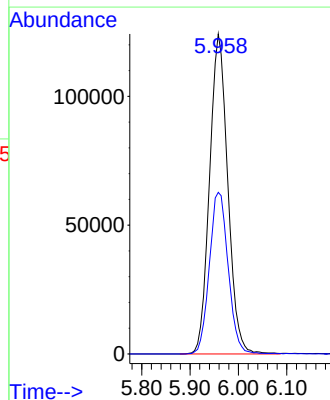
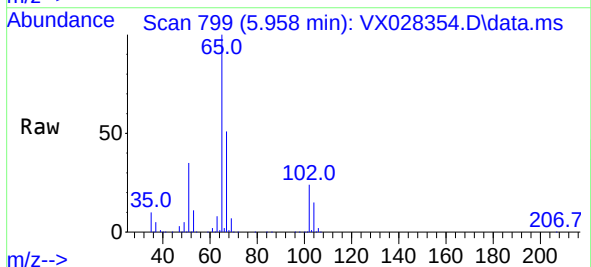
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

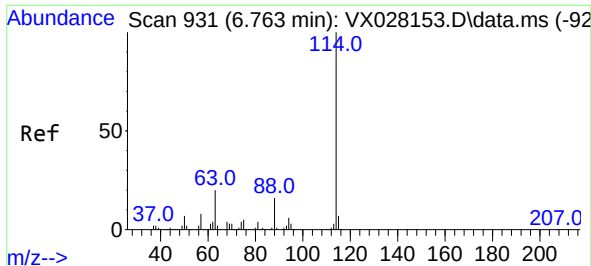
Tgt Ion:168 Resp: 529857  
Ion Ratio Lower Upper  
168 100  
99 52.0 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.007 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

Tgt Ion: 65 Resp: 324760  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 107.4

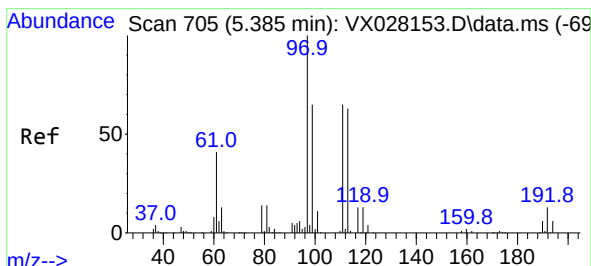
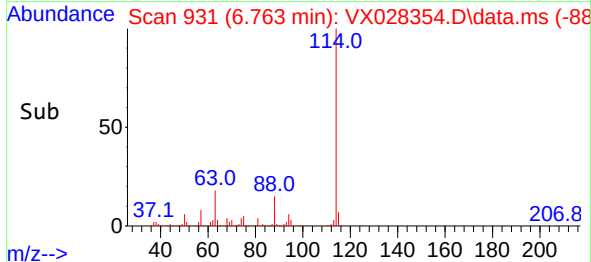
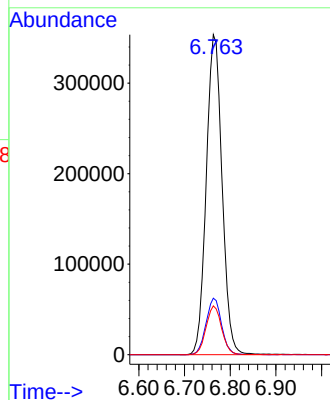
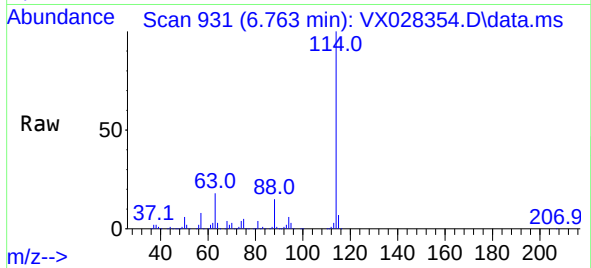




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

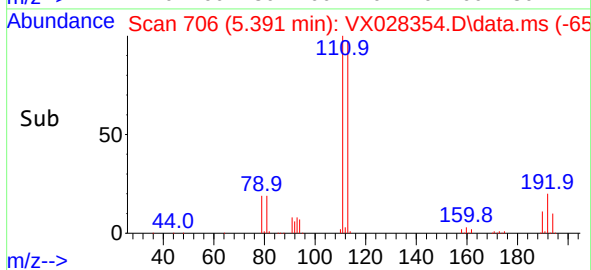
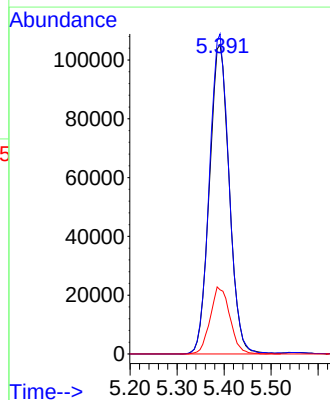
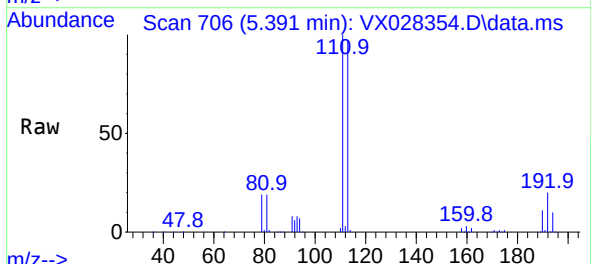
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

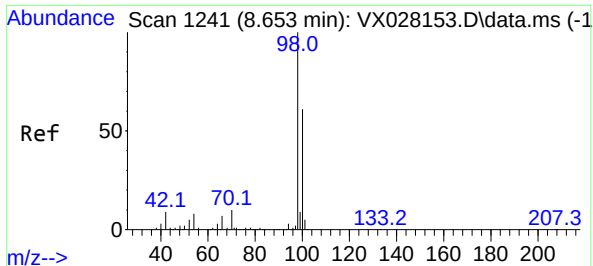
Tgt Ion:114 Resp: 848564  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 36.8  
88 15.2 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 51.713 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

Tgt Ion:113 Resp: 307738  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.8 124.2  
192 21.5 16.9 25.3

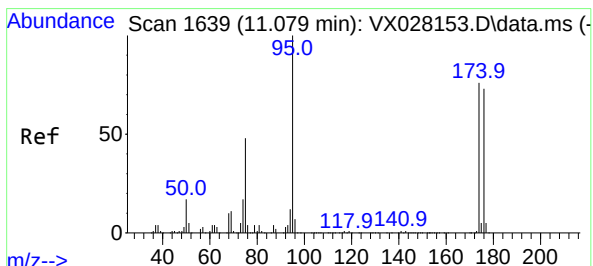
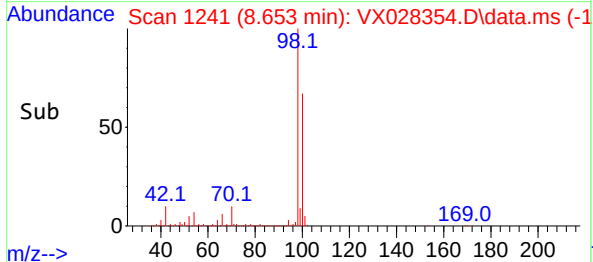
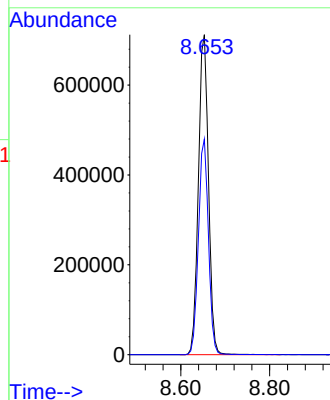
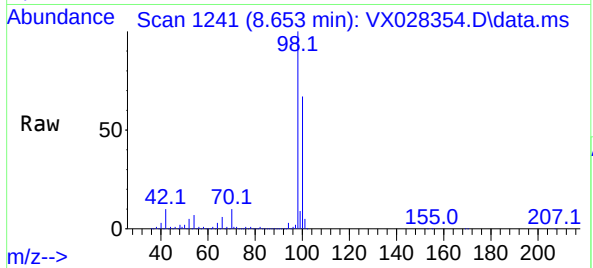




#50  
Toluene-d8  
Concen: 48.977 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

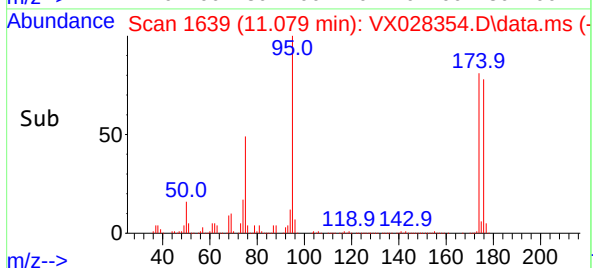
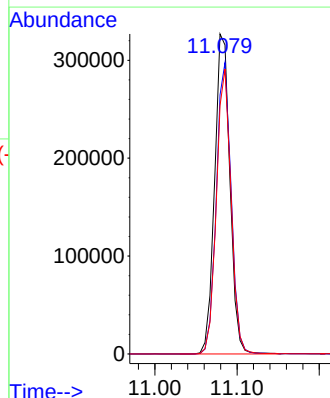
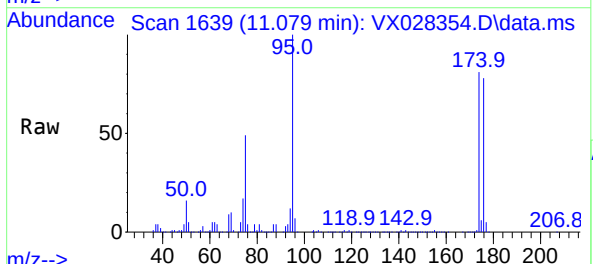
Instrument :  
MSVOA\_X  
ClientSampleId :  
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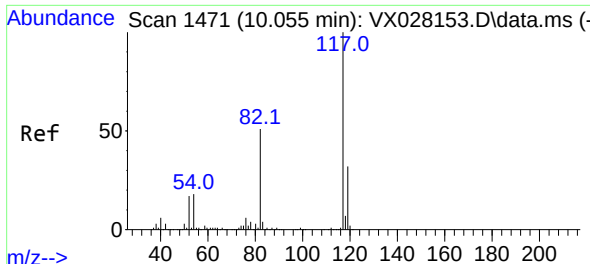
Tgt Ion: 98 Resp: 1119430  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 48.339 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

Tgt Ion: 95 Resp: 422450  
Ion Ratio Lower Upper  
95 100  
174 88.3 0.0 163.0  
176 85.7 0.0 155.0

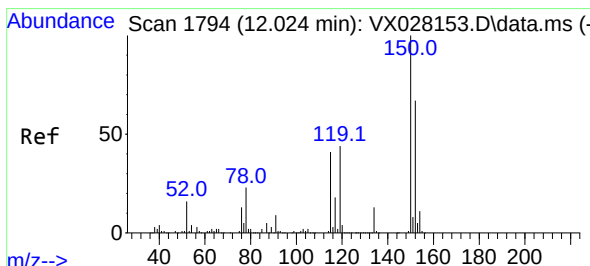
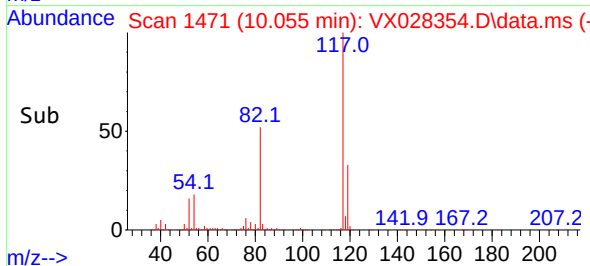
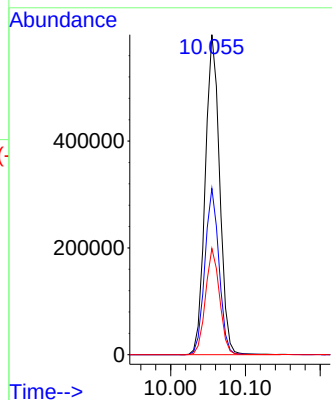
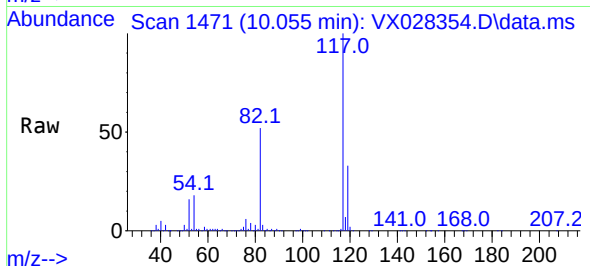




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 801599  
Ion Ratio Lower Upper  
117 100  
82 51.9 41.8 62.8  
119 33.2 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028354.D  
Acq: 26 Apr 2022 16:59

Tgt Ion:152 Resp: 404112  
Ion Ratio Lower Upper  
152 100  
115 57.0 37.5 112.7  
150 156.7 0.0 338.2

