

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080922\  
 Data File : VN073790.D  
 Acq On : 09 Aug 2022 15:26  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Aug 09 21:09:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.022  | 168  | 366416   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 615504   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 566659   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 279302   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 222983   | 49.936   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.880%  |
| 35) Dibromofluoromethane    | 7.957  | 113   | 209504   | 54.206   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 108.420% |
| 50) Toluene-d8              | 10.380 | 98    | 664495   | 43.690   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 87.380%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 246847   | 48.805   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.620%  |

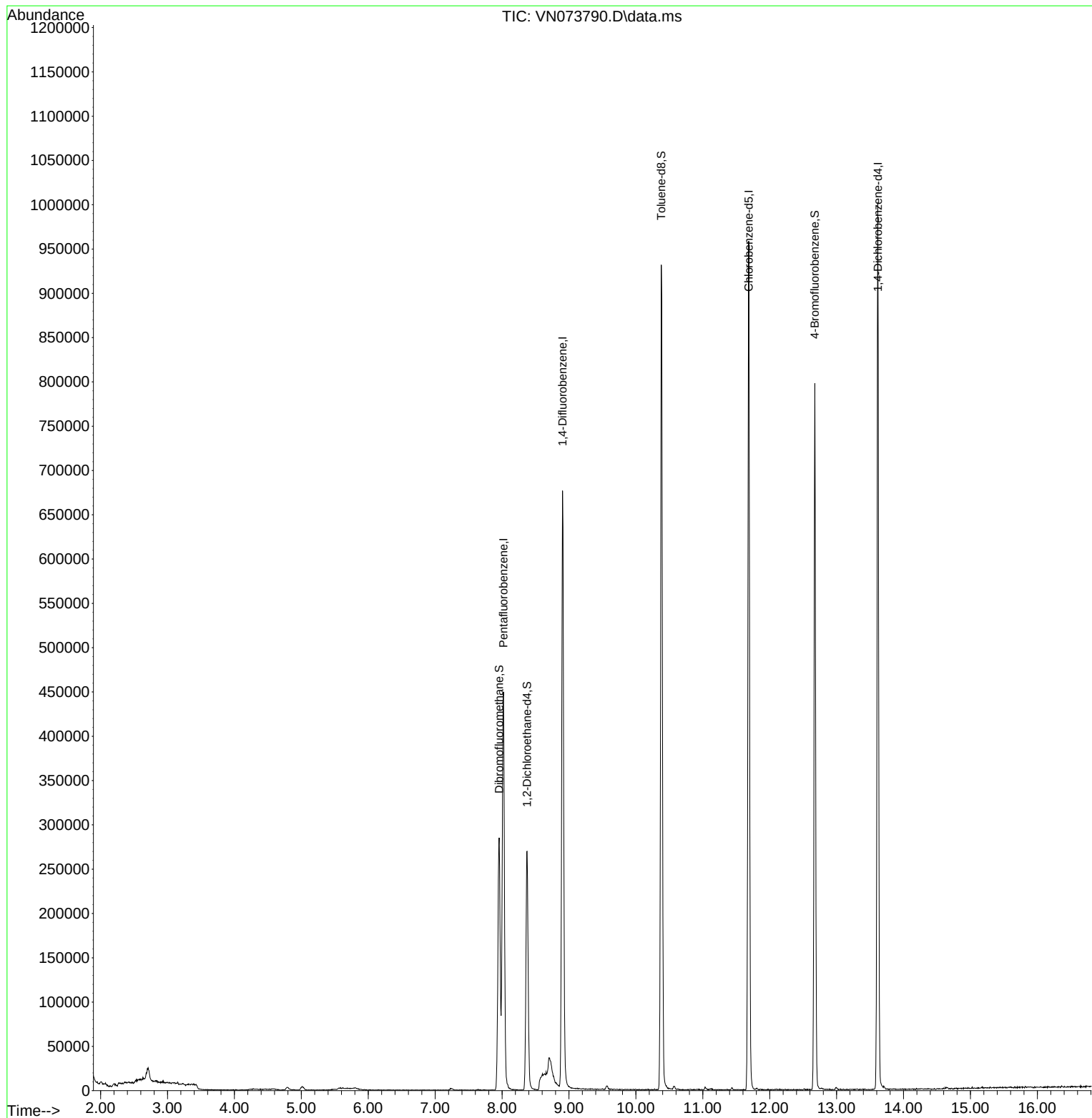
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

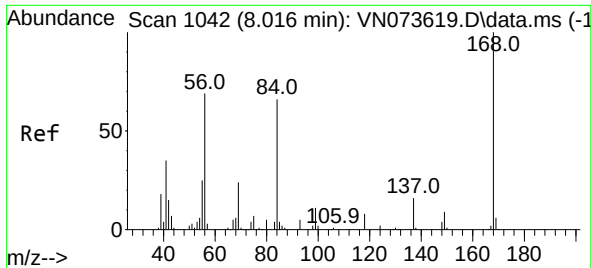
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration

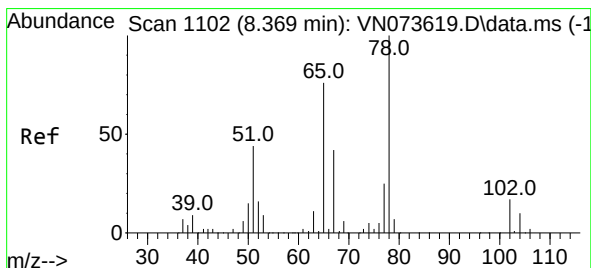
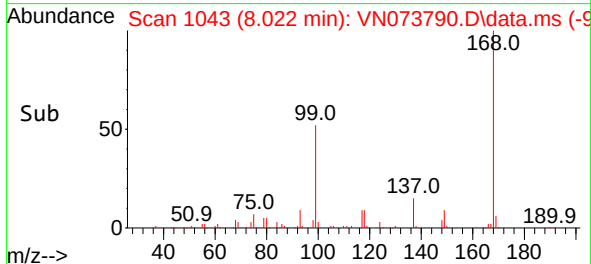
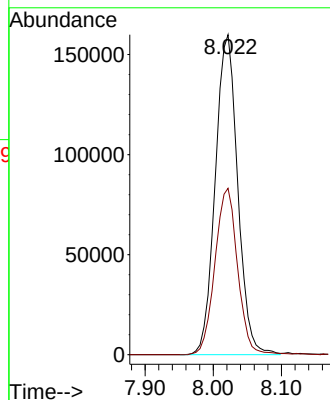
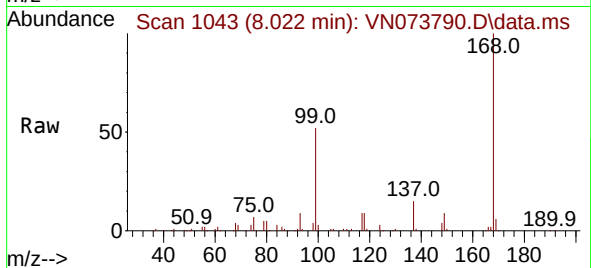




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.022 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

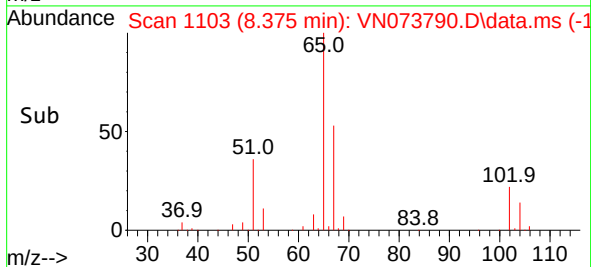
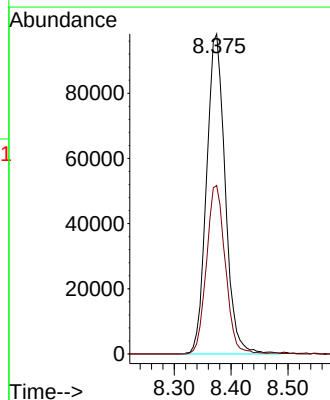
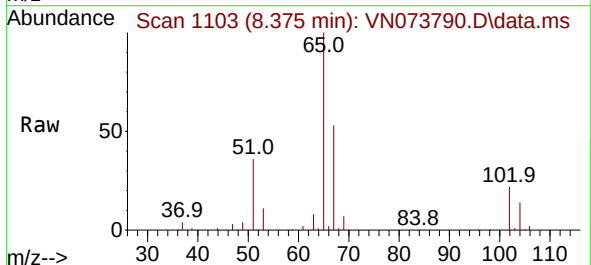
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

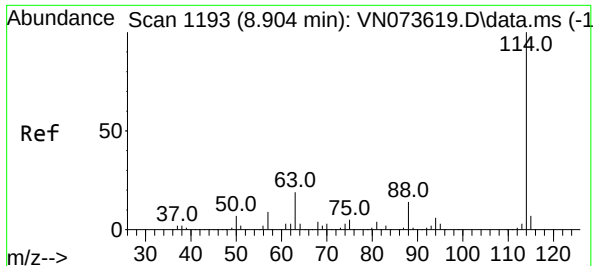
Tgt Ion:168 Resp: 366416  
Ion Ratio Lower Upper  
168 100  
99 52.0 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 49.936 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

Tgt Ion: 65 Resp: 222983  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 104.8

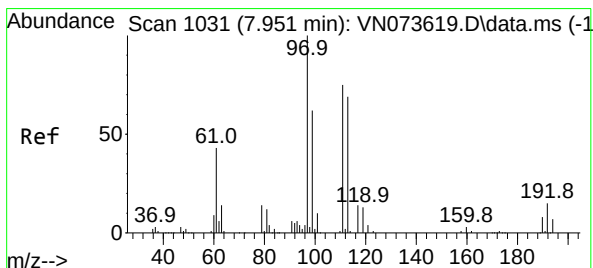
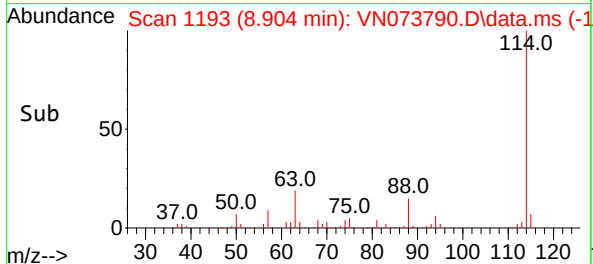
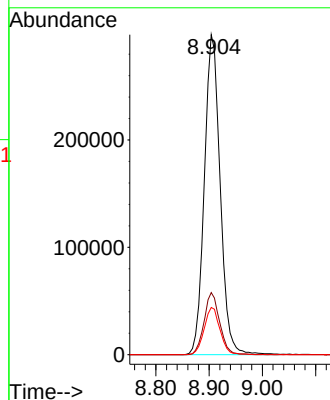
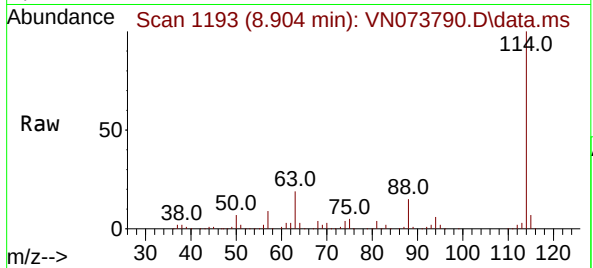




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

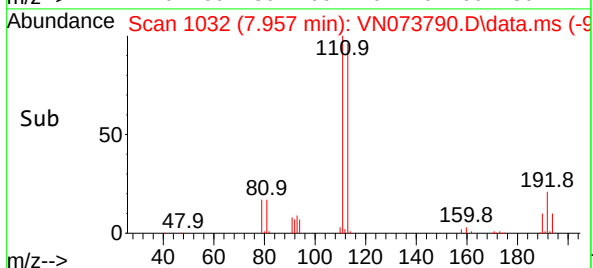
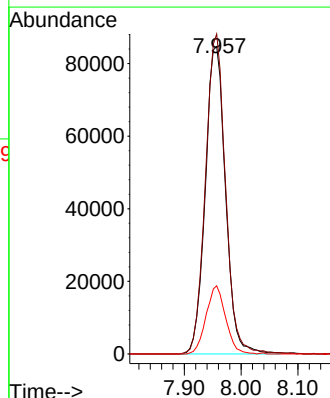
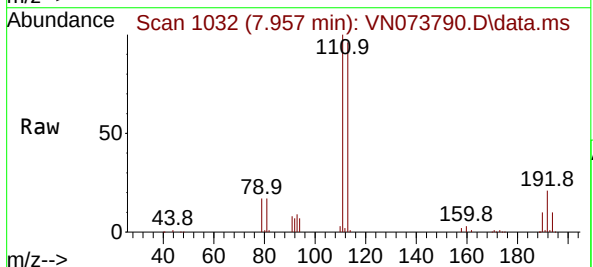
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

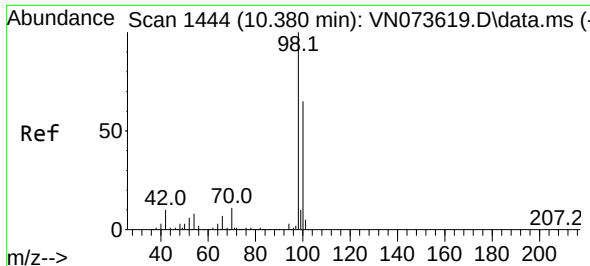
Tgt Ion:114 Resp: 615504  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 40.0  
88 14.8 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 54.206 ug/l  
RT: 7.957 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

Tgt Ion:113 Resp: 209504  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.4 122.0  
192 21.4 17.0 25.6

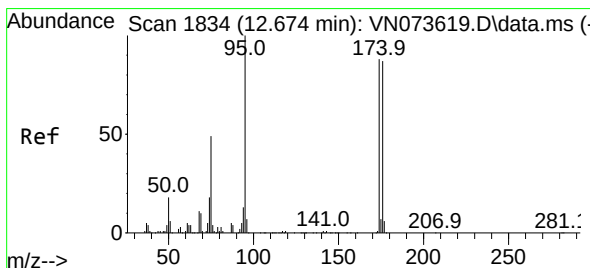
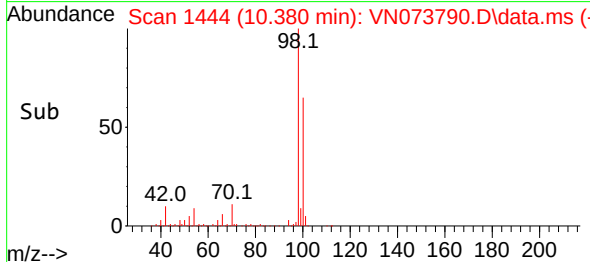
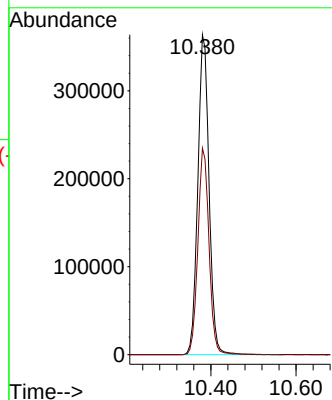
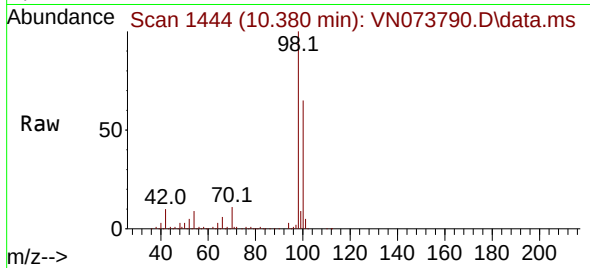




#50  
Toluene-d8  
Concen: 43.690 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

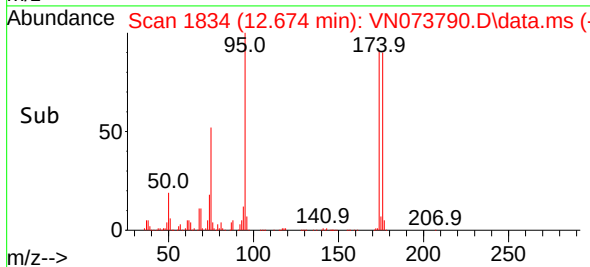
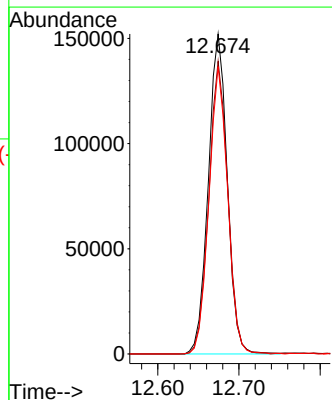
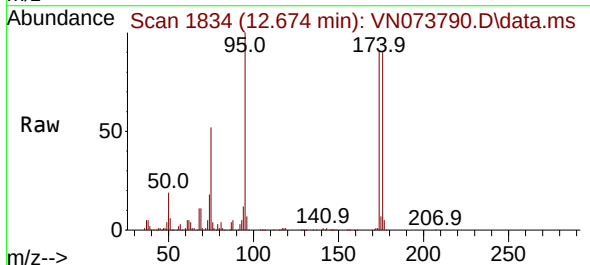
Instrument :  
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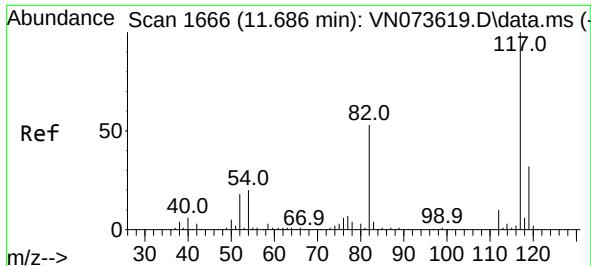
Tgt Ion: 98 Resp: 664495  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 48.805 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

Tgt Ion: 95 Resp: 246847  
Ion Ratio Lower Upper  
95 100  
174 91.8 0.0 167.6  
176 88.4 0.0 163.4

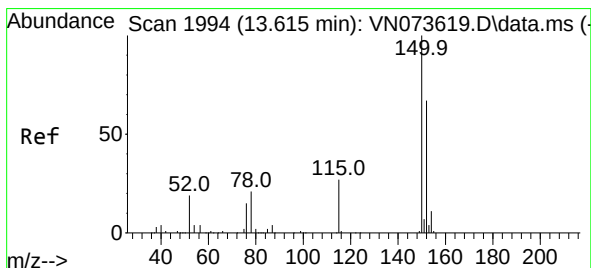
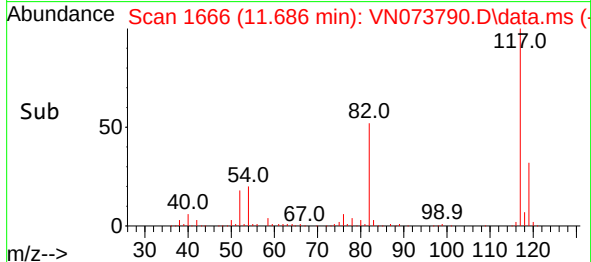
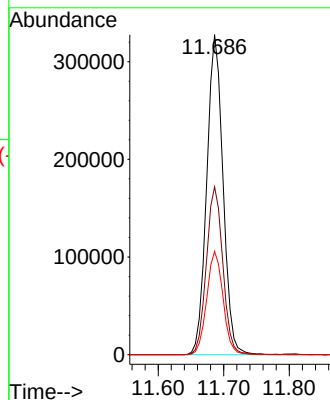
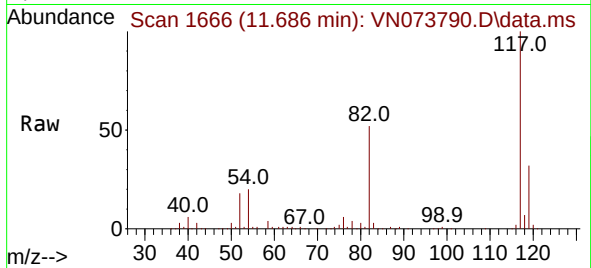




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 566659  
Ion Ratio Lower Upper  
117 100  
82 52.4 44.2 66.2  
119 32.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: VN073790.D  
Acq: 09 Aug 2022 15:26

Tgt Ion:152 Resp: 279302  
Ion Ratio Lower Upper  
152 100  
115 55.3 28.9 86.7  
150 157.1 0.0 356.2

