

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071222\  
 Data File : VN073435.D  
 Acq On : 12 Jul 2022 14:33  
 Operator : JC\MD  
 Sample : N3669-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-01-071122

Quant Time: Jul 13 06:18:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

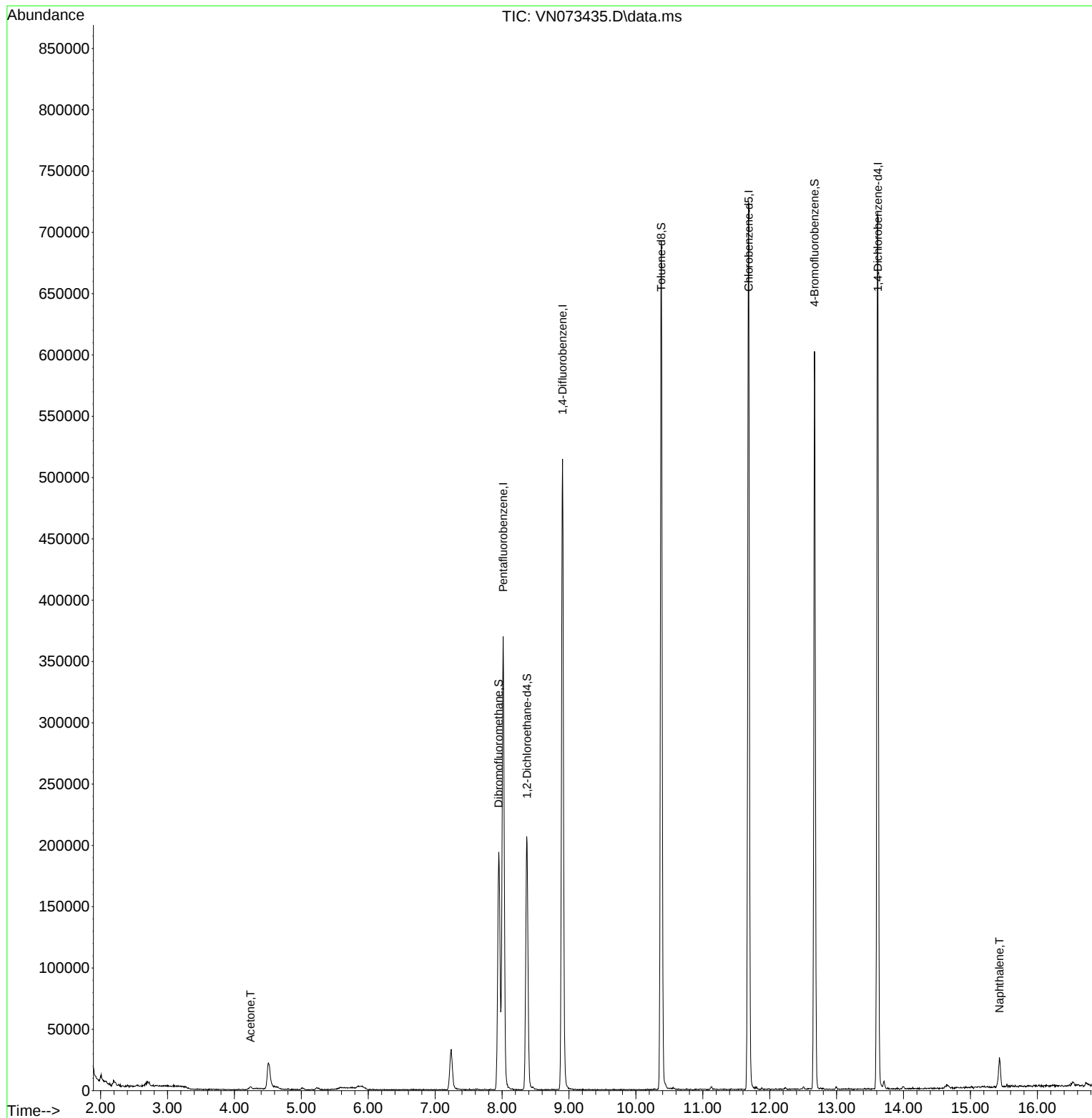
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 263445   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 442046   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 408859   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616 | 152   | 193637   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 175194   | 46.066   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 92.140%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 146816   | 49.920   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.840%  |
| 50) Toluene-d8              | 10.380 | 98    | 469423   | 44.941   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 89.880%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 203388   | 50.668   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 101.340% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.240  | 43    | 4705     | 2.204    | ug/l   | 91       |
| 95) Naphthalene             | 15.433 | 128   | 26264    | 1.760    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

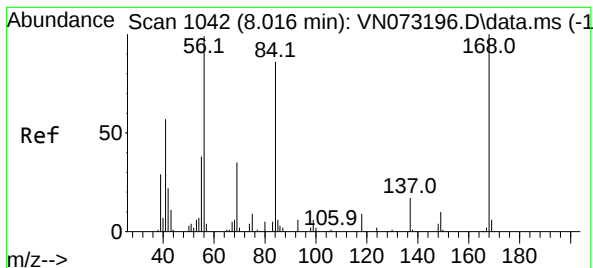
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071222\  
Data File : VN073435.D  
Acq On : 12 Jul 2022 14:33  
Operator : JC\MD  
Sample : N3669-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-071122

Quant Time: Jul 13 06:18:14 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073435.D

Acq: 12 Jul 2022 14:33

Instrument :

MSVOA\_N

ClientSampleId :

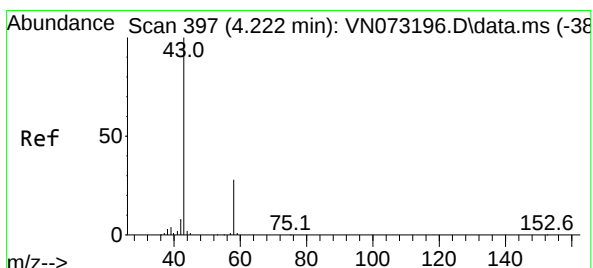
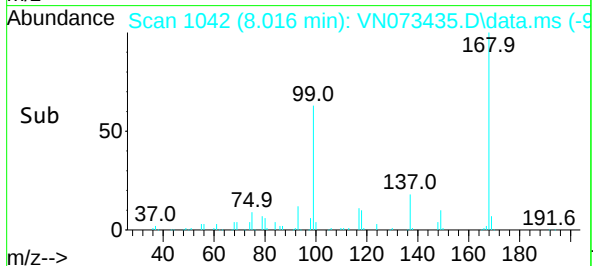
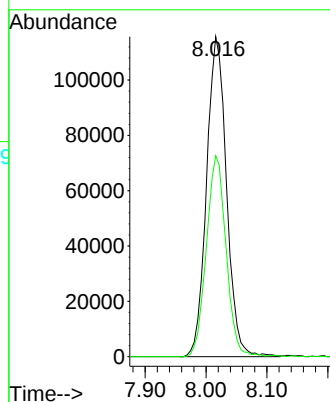
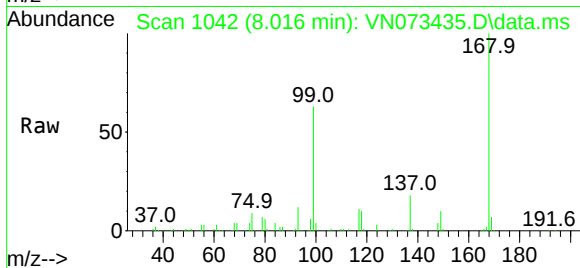
TB-01-071122

Tgt Ion:168 Resp: 263445

Ion Ratio Lower Upper

168 100

99 62.8 42.3 63.5



#16

Acetone

Concen: 2.204 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN073435.D

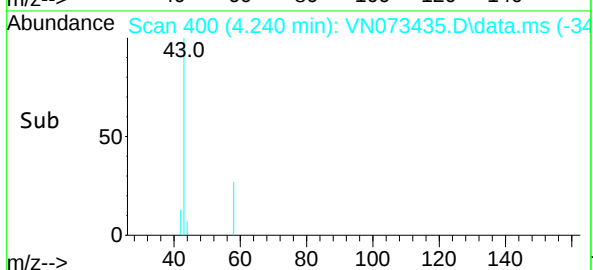
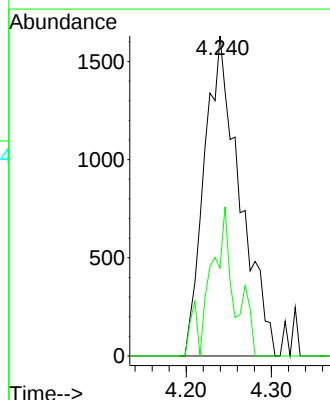
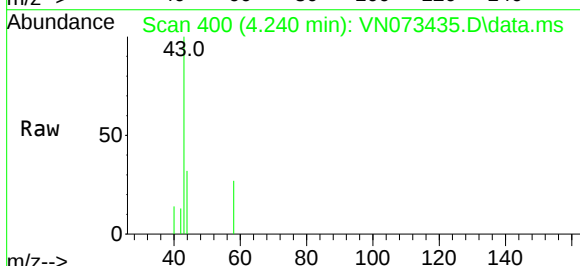
Acq: 12 Jul 2022 14:33

Tgt Ion: 43 Resp: 4705

Ion Ratio Lower Upper

43 100

58 27.5 26.0 39.0

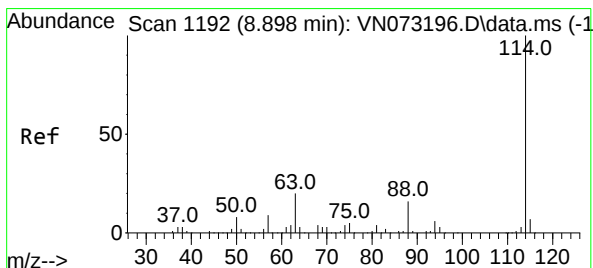
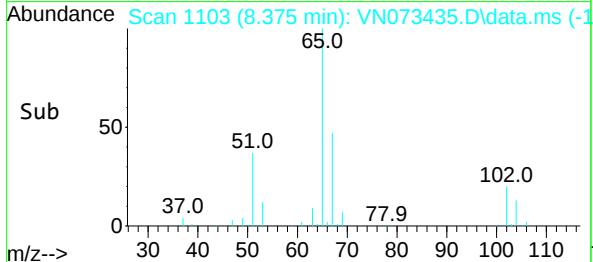
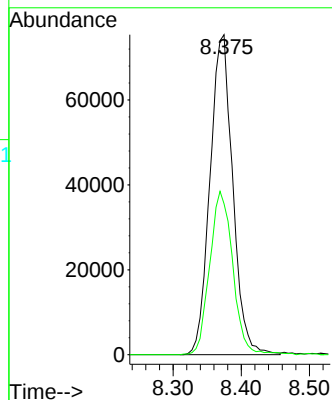
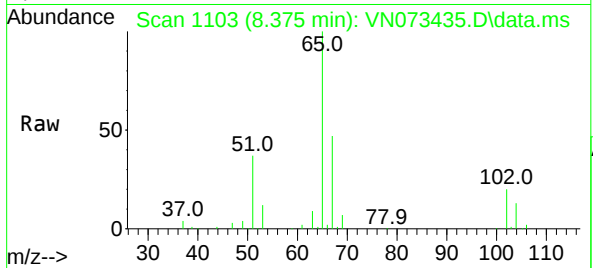




#33  
1,2-Dichloroethane-d4  
Concen: 46.066 ug/l  
RT: 8.375 min Scan# 1102  
Delta R.T. 0.006 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

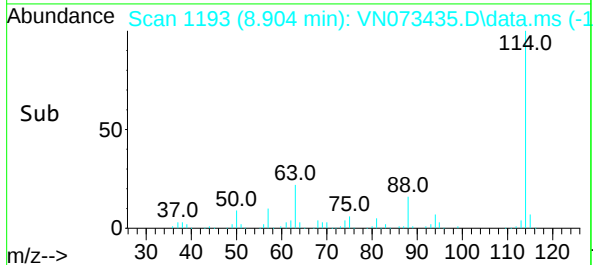
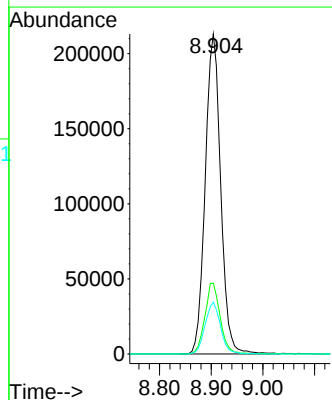
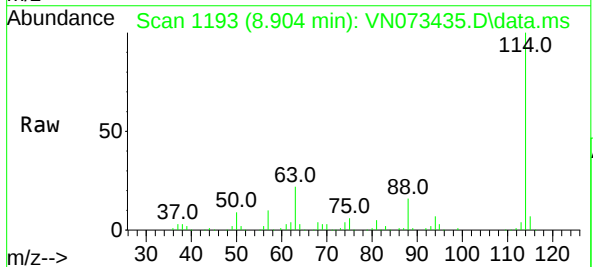
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-071122

Tgt Ion: 65 Resp: 175194  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

Tgt Ion: 114 Resp: 442046  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 40.0  
88 16.2 0.0 32.6

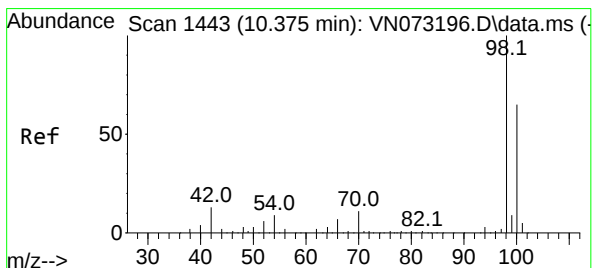
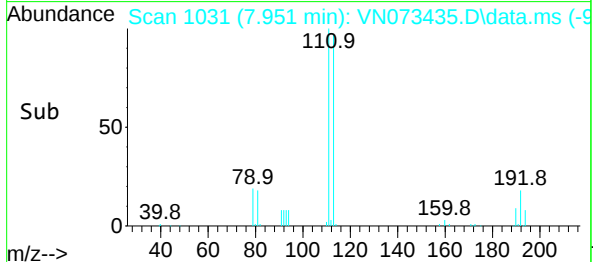
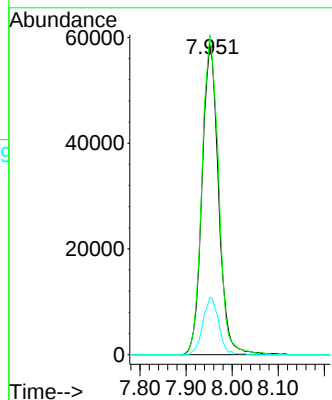
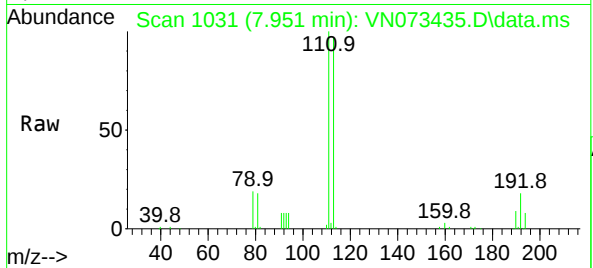




#35  
Dibromofluoromethane  
Concen: 49.920 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

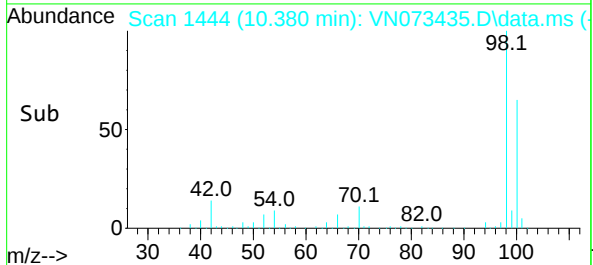
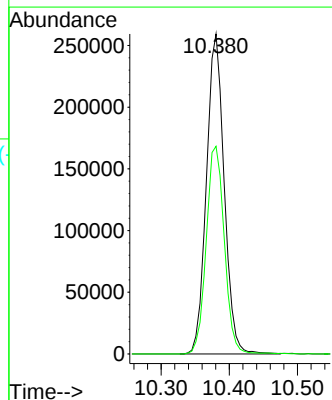
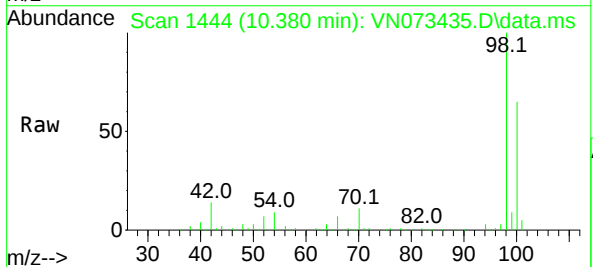
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-071122

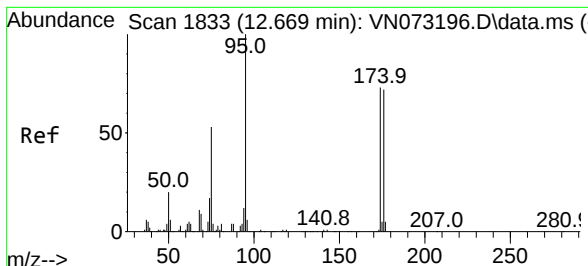
Tgt Ion:113 Resp: 146816  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.4 122.0  
192 17.8 17.0 25.6



#50  
Toluene-d8  
Concen: 44.941 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

Tgt Ion: 98 Resp: 469423  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.6 78.8

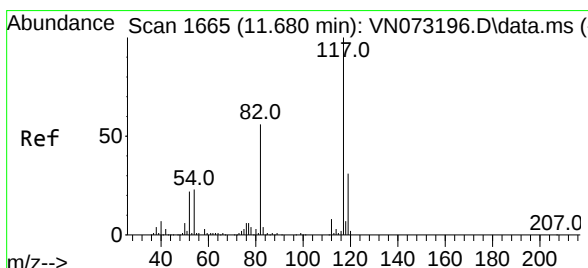
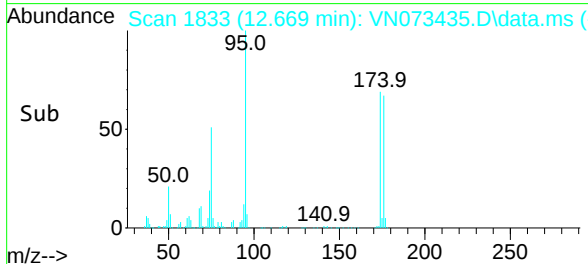
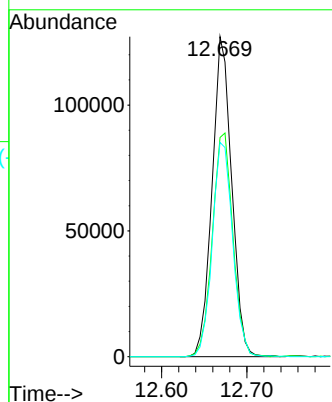
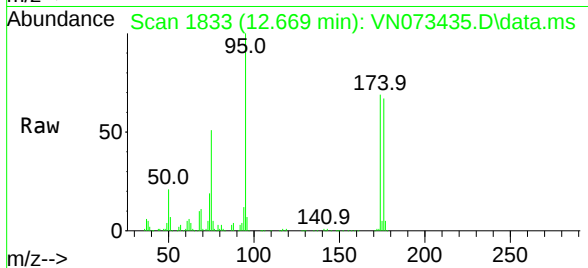




#62  
4-Bromofluorobenzene  
Concen: 50.668 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

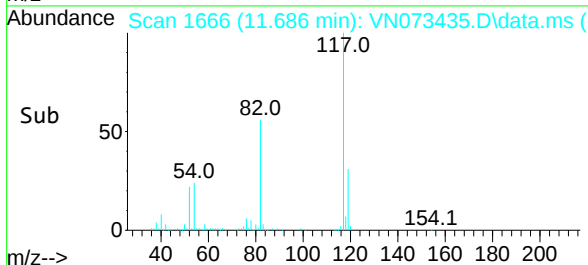
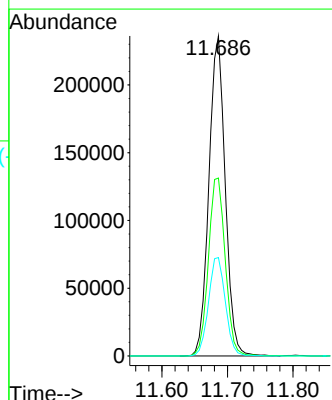
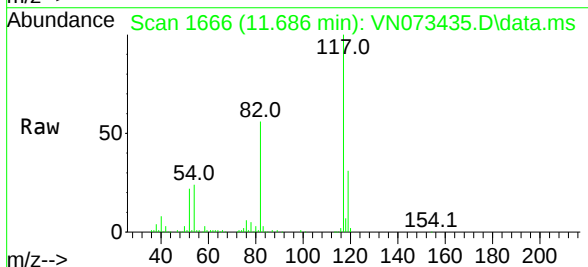
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-071122

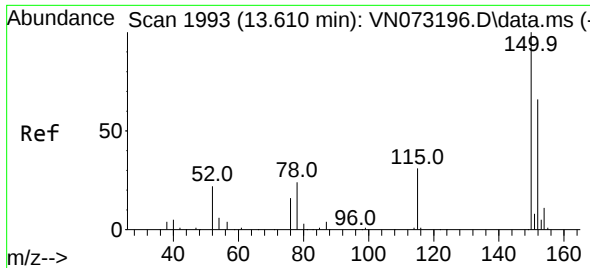
Tgt Ion: 95 Resp: 203388  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 167.6  
176 69.8 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

Tgt Ion: 117 Resp: 408859  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.2 66.2  
119 30.8 25.4 38.0

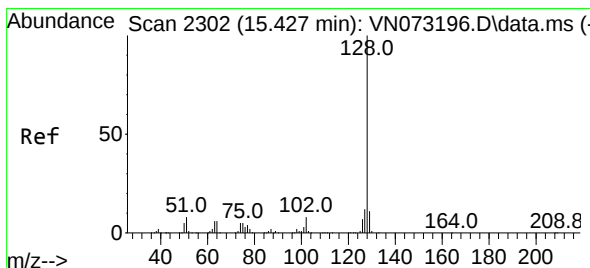
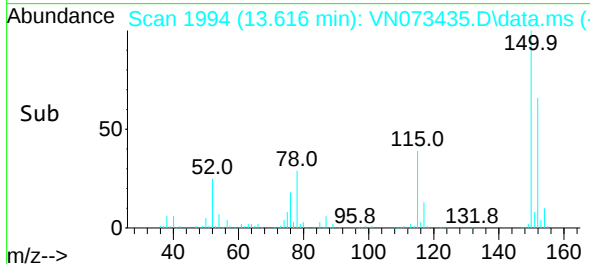
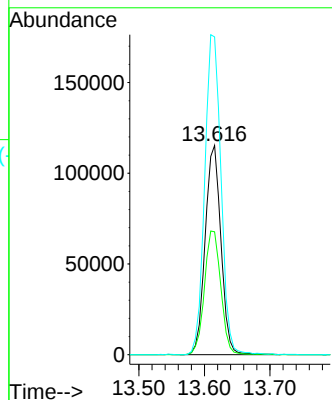
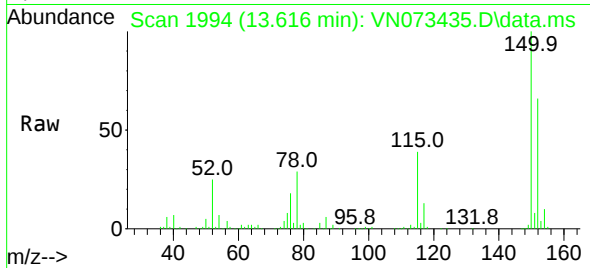




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-071122

Tgt Ion:152 Resp: 193637  
Ion Ratio Lower Upper  
152 100  
115 61.3 28.9 86.7  
150 157.9 0.0 356.2



#95  
Naphthalene  
Concen: 1.760 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN073435.D  
Acq: 12 Jul 2022 14:33

Tgt Ion:128 Resp: 26264  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.6 8.6 13.0

