

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082622\  
 Data File : VN074144.D  
 Acq On : 26 Aug 2022 18:38  
 Operator : JC\MD  
 Sample : N4297-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB03-20220819

Quant Time: Aug 27 00:22:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 06:44:47 2022  
 Response via : Initial Calibration

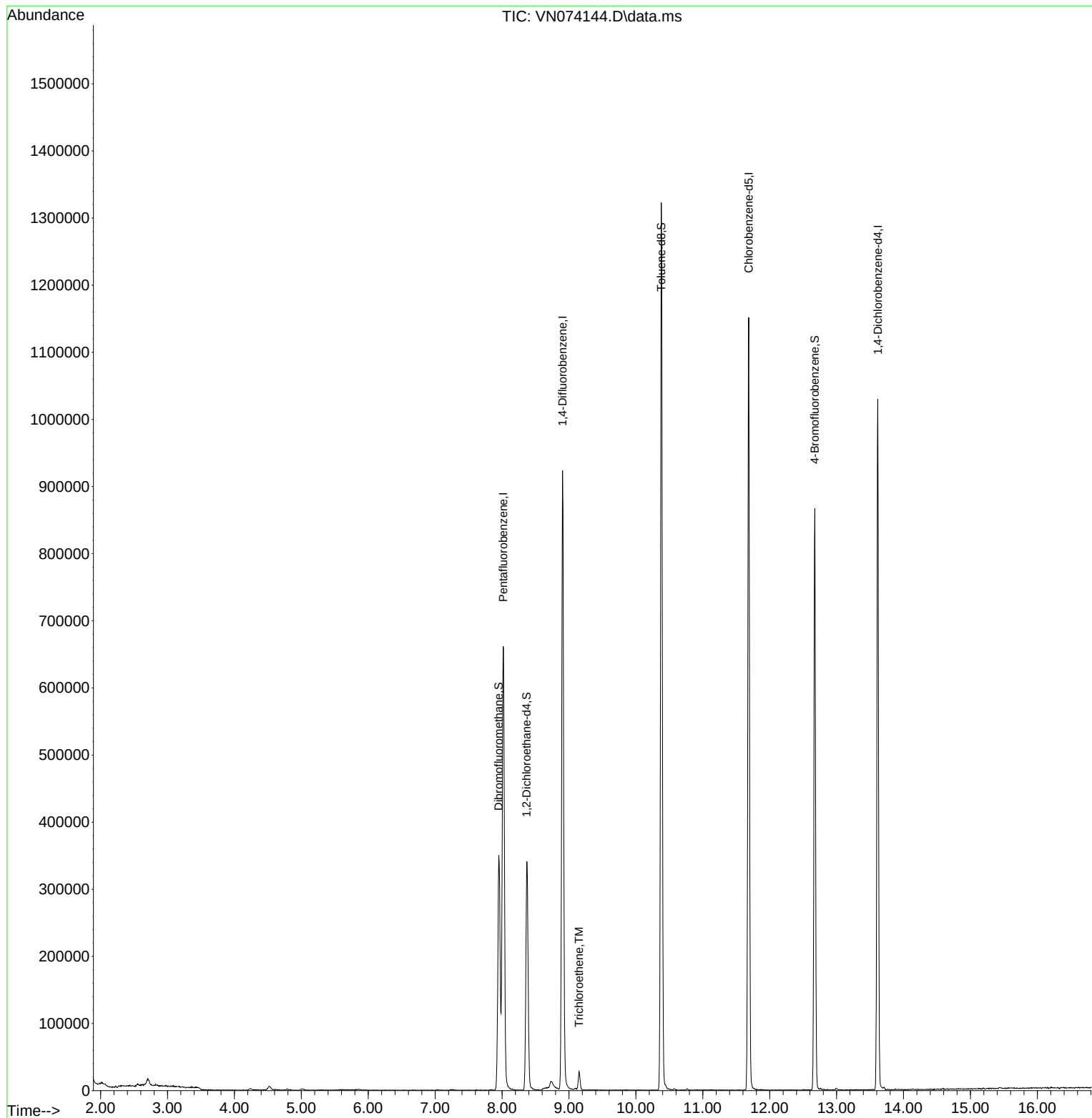
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 562100   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 848251   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 709366   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 300309   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 293193   | 53.553   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 107.100% |
| 35) Dibromofluoromethane    | 7.951  | 113   | 260827   | 51.994   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 103.980% |
| 50) Toluene-d8              | 10.380 | 98    | 948669   | 48.829   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 97.660%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 285778   | 44.321   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.640%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 44) Trichloroethene         | 9.151  | 130   | 9967     | 1.569    | ug/l  | 94       |
| -----                       |        |       |          |          |       |          |

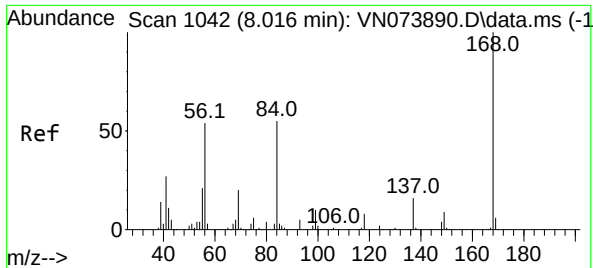
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

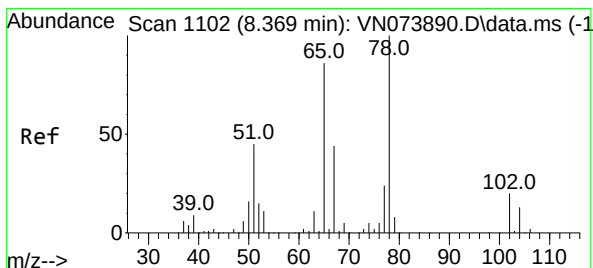
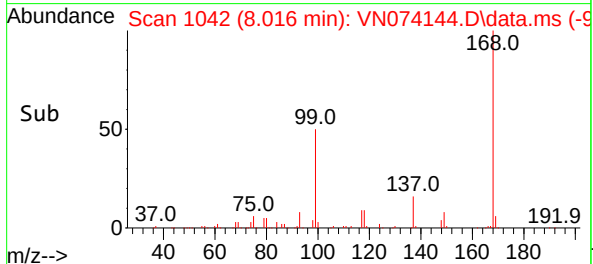
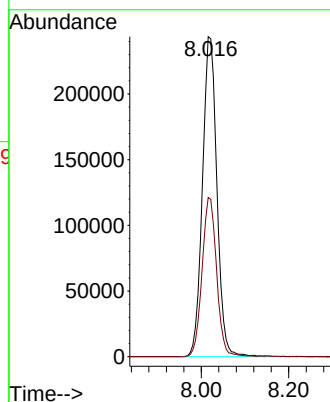
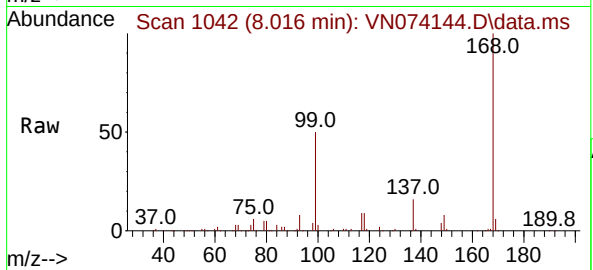




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074144.D  
Acq: 26 Aug 2022 18:38

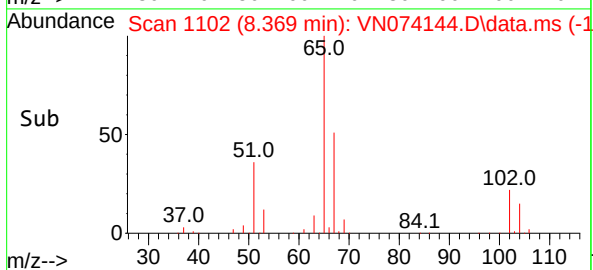
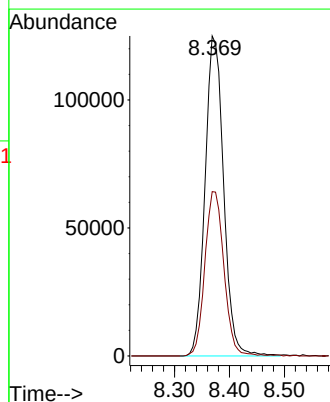
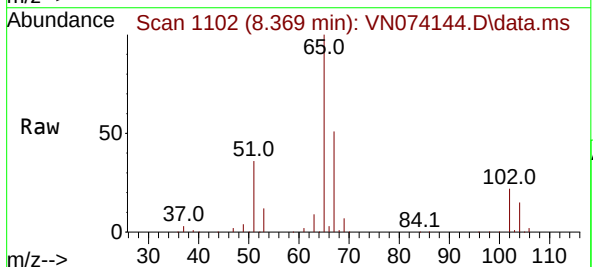
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB03-20220819

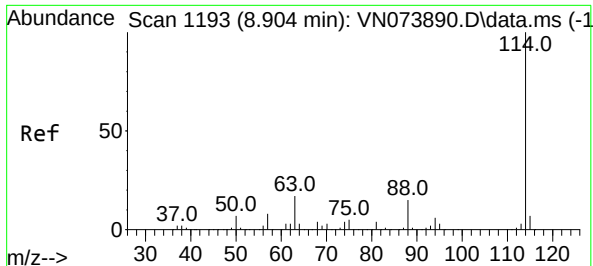
Tgt Ion:168 Resp: 562100  
Ion Ratio Lower Upper  
168 100  
99 49.7 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 53.553 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN074144.D  
Acq: 26 Aug 2022 18:38

Tgt Ion: 65 Resp: 293193  
Ion Ratio Lower Upper  
65 100  
67 52.7 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: VN074144.D

Acq: 26 Aug 2022 18:38

Instrument :

MSVOA\_N

ClientSampleId :

TB03-20220819

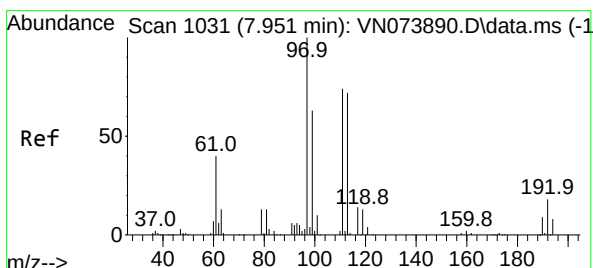
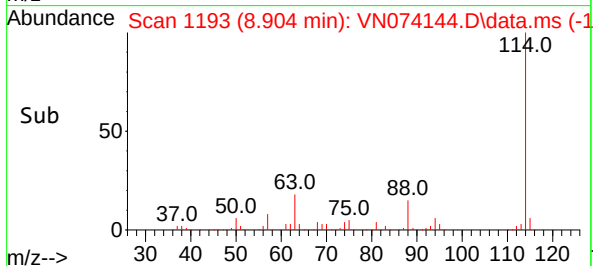
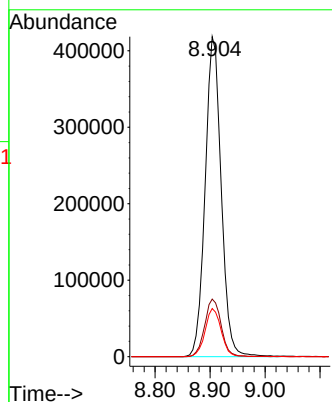
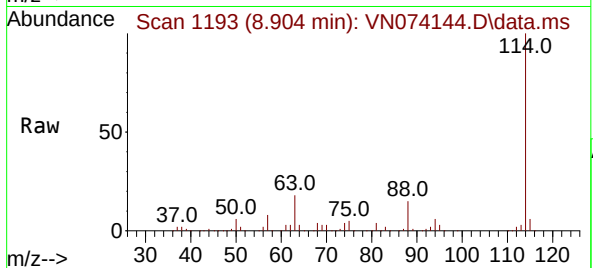
Tgt Ion:114 Resp: 848251

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.994 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074144.D

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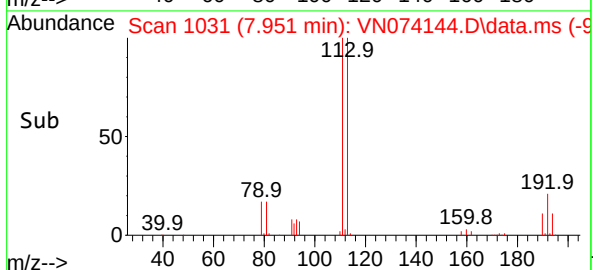
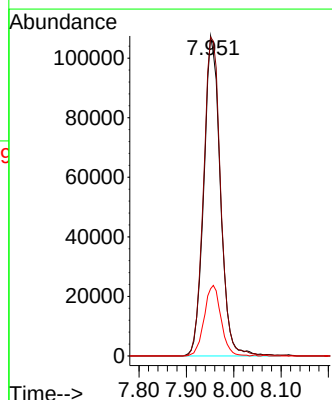
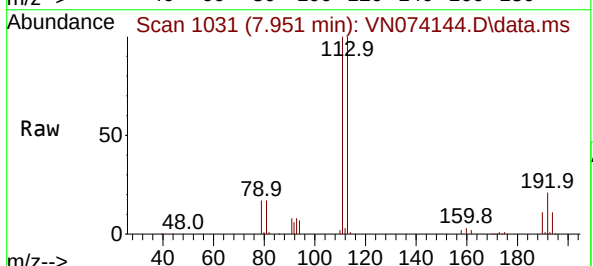
Tgt Ion:113 Resp: 260827

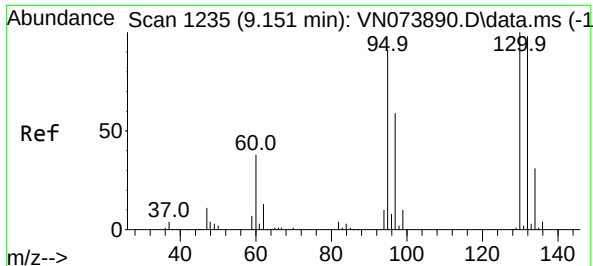
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.4 17.0 25.6

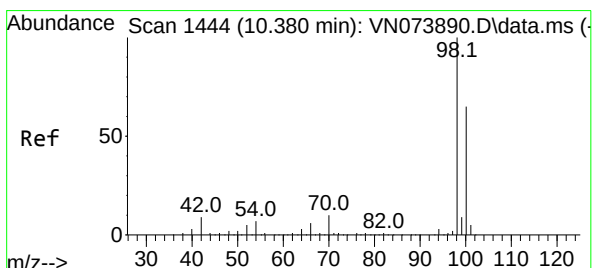
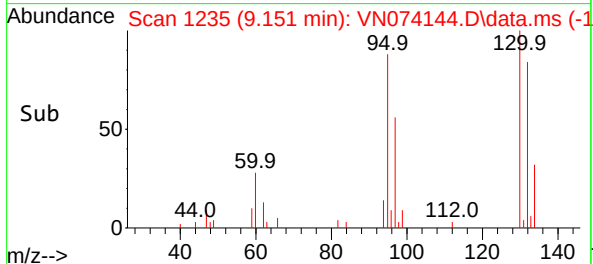
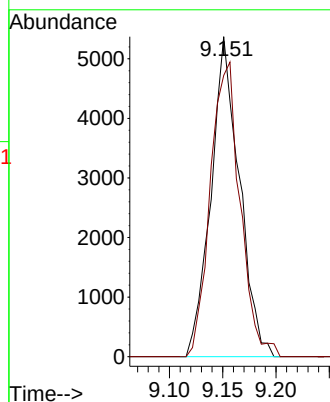
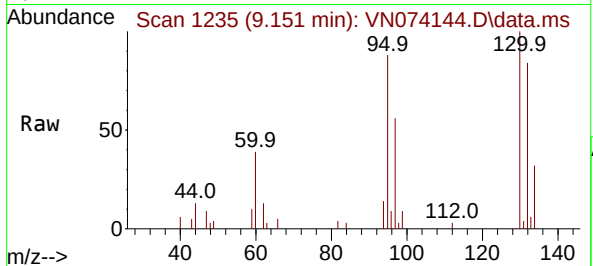




#44  
Trichloroethene  
Concen: 1.569 ug/l  
RT: 9.151 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074144.D  
Acq: 26 Aug 2022 18:38

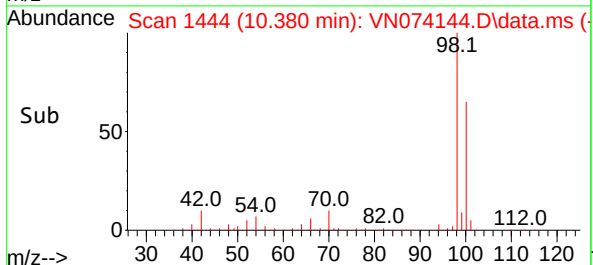
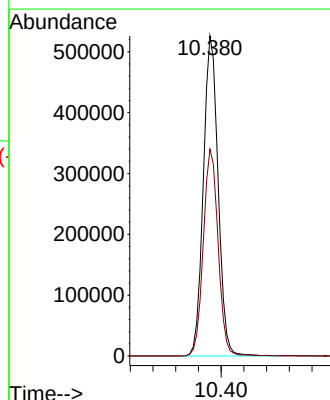
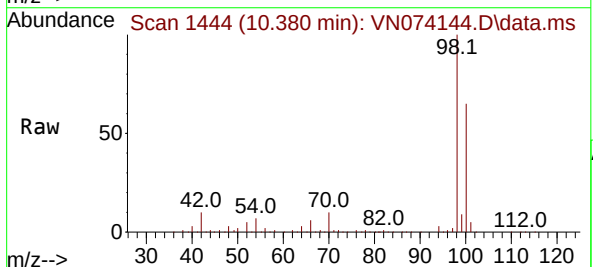
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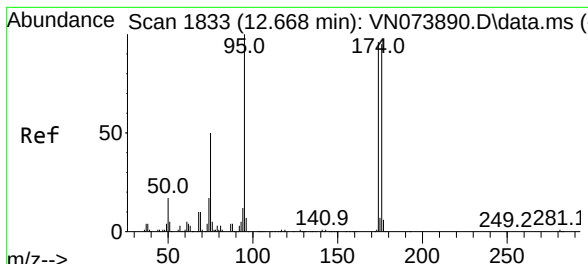
Tgt Ion:130 Resp: 9967  
Ion Ratio Lower Upper  
130 100  
95 87.9 0.0 186.8



#50  
Toluene-d8  
Concen: 48.829 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074144.D  
Acq: 26 Aug 2022 18:38

Tgt Ion: 98 Resp: 948669  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8

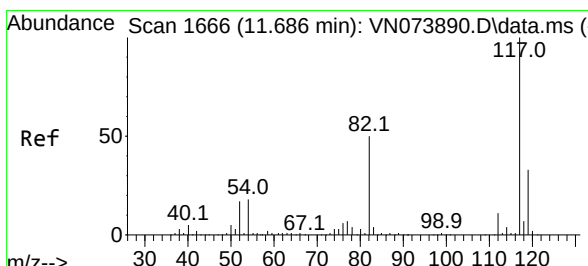
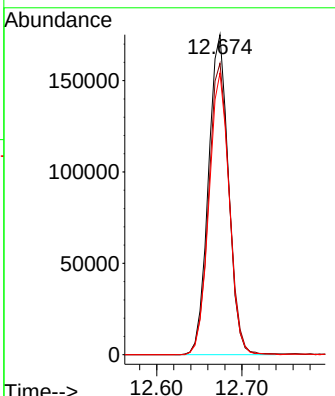
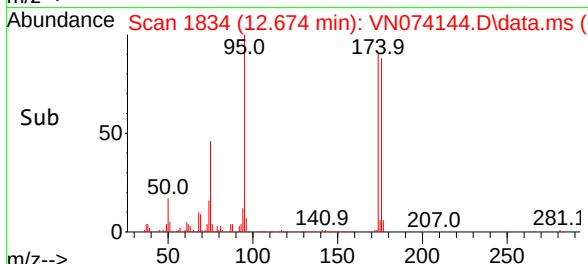
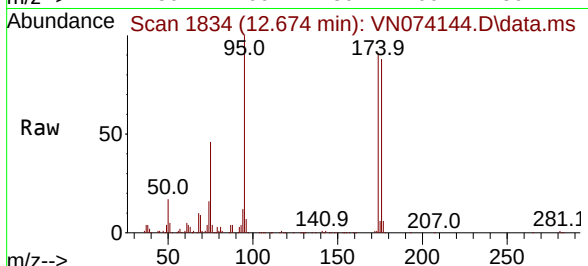




#62  
 4-Bromofluorobenzene  
 Concen: 44.321 ug/l  
 RT: 12.674 min Scan# 1834  
 Delta R.T. 0.000 min  
 Lab File: VN074144.D  
 Acq: 26 Aug 2022 18:38

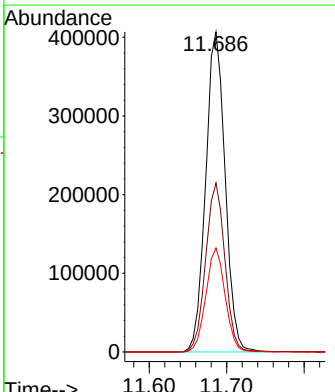
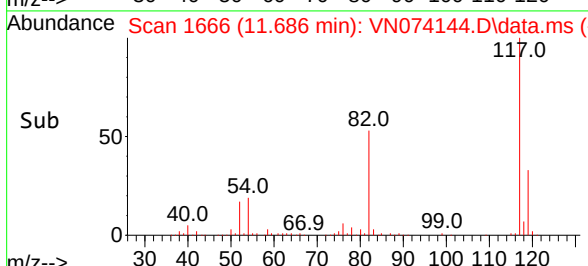
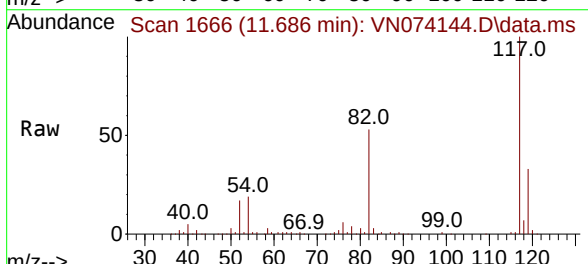
Instrument :  
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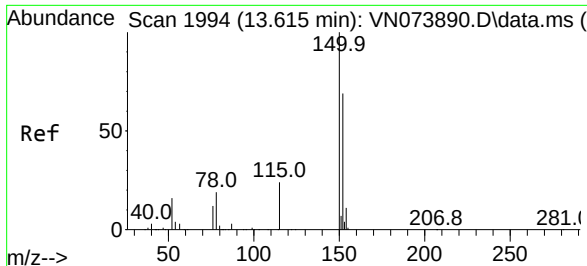
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 285778 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 93.5  | 0.0   | 167.6  |
| 176      | 88.8  | 0.0   | 163.4  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.686 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VN074144.D  
 Acq: 26 Aug 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 709366 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.7  | 44.2  | 66.2   |
| 119      | 32.5  | 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: VN074144.D  
 Acq: 26 Aug 2022 18:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB03-20220819

Tgt Ion:152 Resp: 300309  
 Ion Ratio Lower Upper  
 152 100  
 115 55.3 28.9 86.7  
 150 157.8 0.0 356.2

