

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081522\  
 Data File : VN073904.D  
 Acq On : 15 Aug 2022 18:45  
 Operator : JC\MD  
 Sample : N4148-01  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 290533

Quant Time: Aug 16 01:02:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

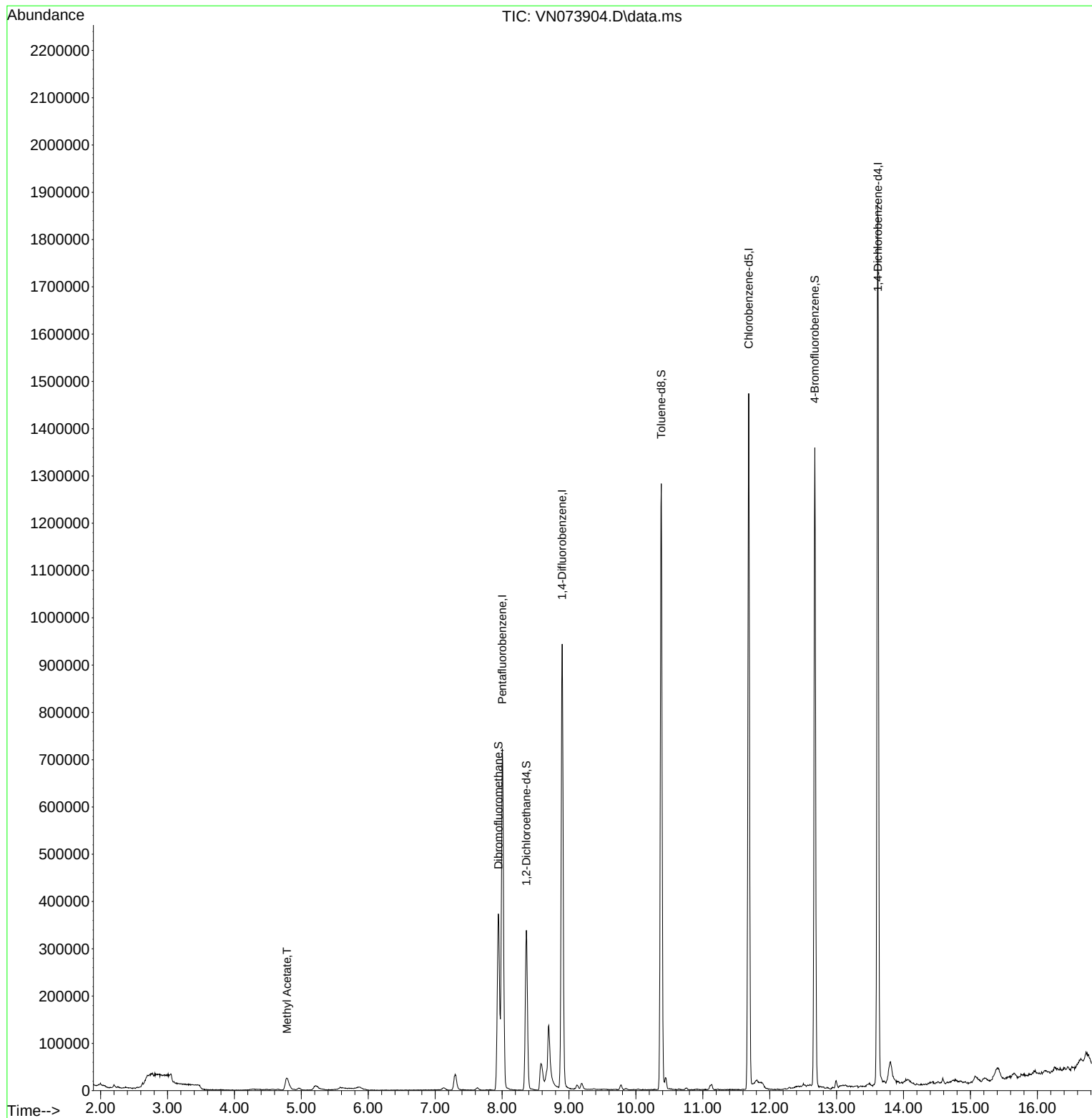
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 8.004  | 168   | 623859   | 50.000   | ug/l   | -0.01     |
| 34) 1,4-Difluorobenzene     | 8.898  | 114   | 892482   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 896614   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 555777   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.363  | 65    | 285098   | 46.919   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 93.840%   |
| 35) Dibromofluoromethane    | 7.945  | 113   | 270999   | 51.345   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.680%  |
| 50) Toluene-d8              | 10.380 | 98    | 941843   | 46.075   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 92.160%   |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 447703   | 65.993   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 131.980%# |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 18) Methyl Acetate          | 4.787  | 43    | 65270    | 6.918    | ug/l   | 96        |
| -----                       |        |       |          |          |        |           |

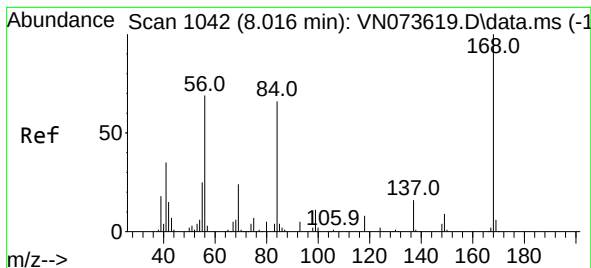
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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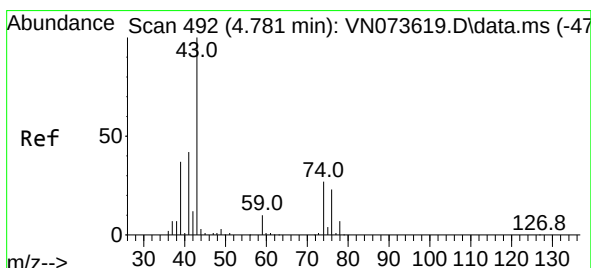
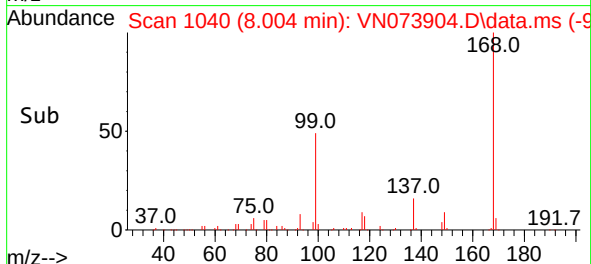
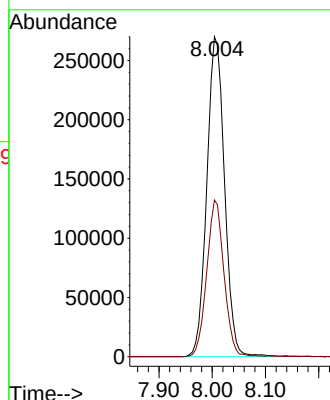
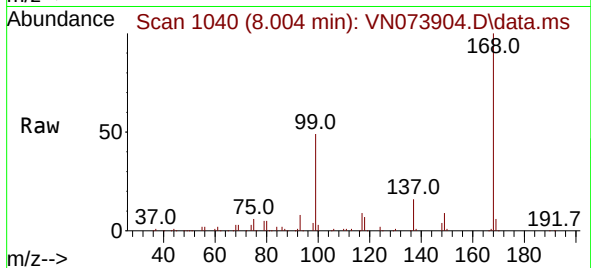




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.004 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

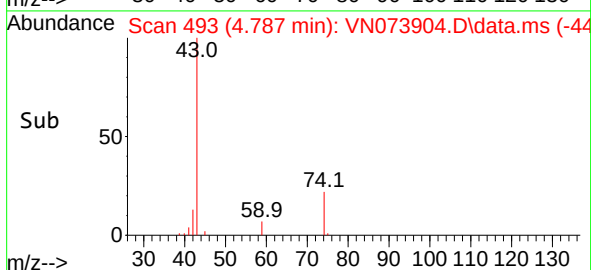
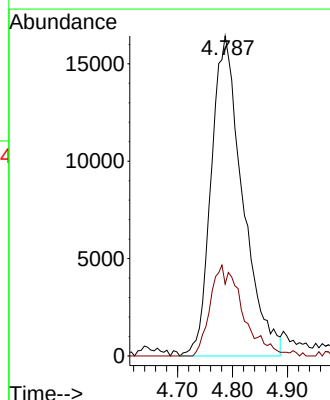
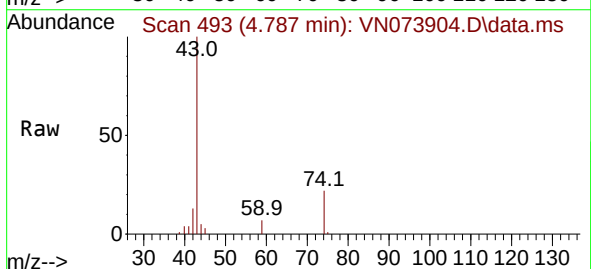
Instrument :  
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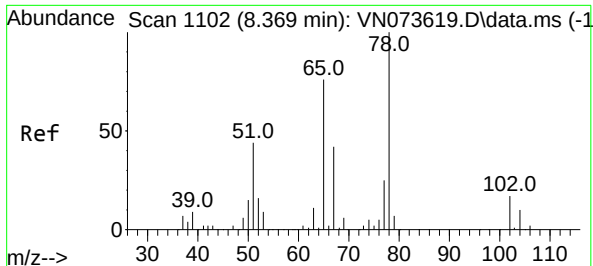
Tgt Ion:168 Resp: 623859  
Ion Ratio Lower Upper  
168 100  
99 48.9 42.3 63.5



#18  
Methyl Acetate  
Concen: 6.918 ug/l  
RT: 4.787 min Scan# 493  
Delta R.T. 0.006 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

Tgt Ion: 43 Resp: 65270  
Ion Ratio Lower Upper  
43 100  
74 29.1 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: 46.919 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073904.D

Acq: 15 Aug 2022 18:45

Instrument :

MSVOA\_N

ClientSampleId :

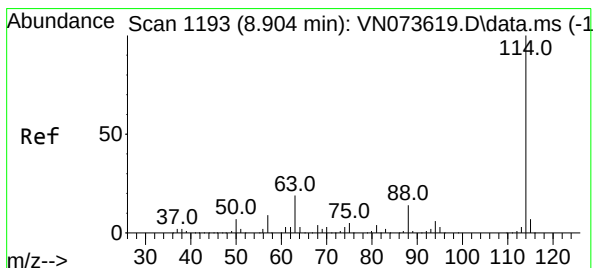
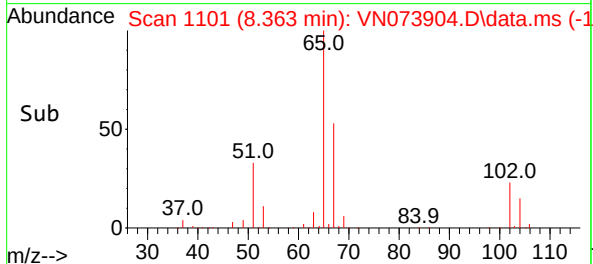
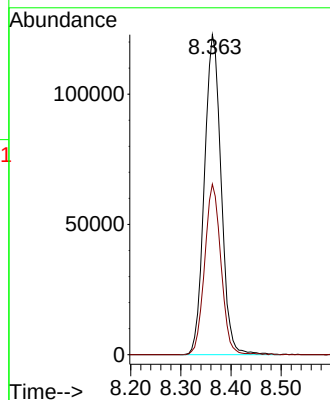
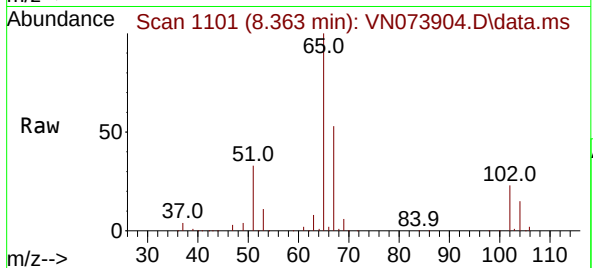
290533

Tgt Ion: 65 Resp: 285098

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073904.D

Acq: 15 Aug 2022 18:45

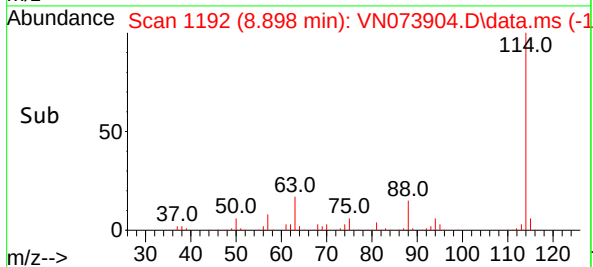
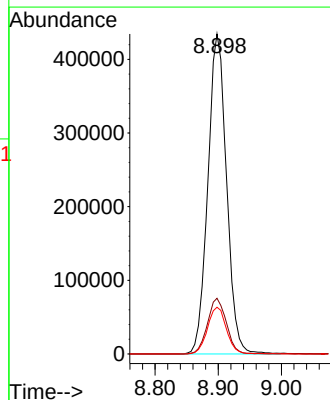
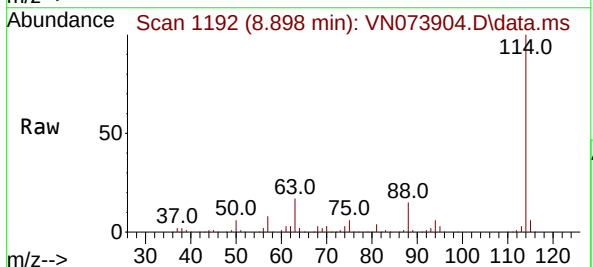
Tgt Ion: 114 Resp: 892482

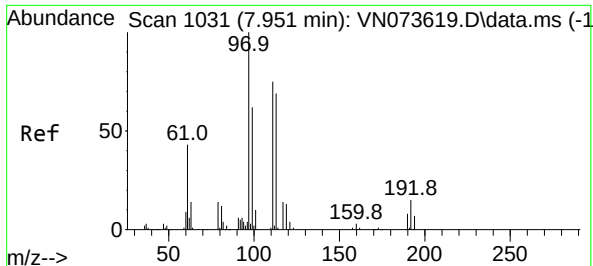
Ion Ratio Lower Upper

114 100

63 17.4 0.0 40.0

88 14.6 0.0 32.6

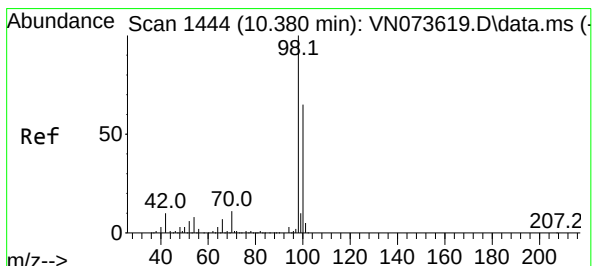
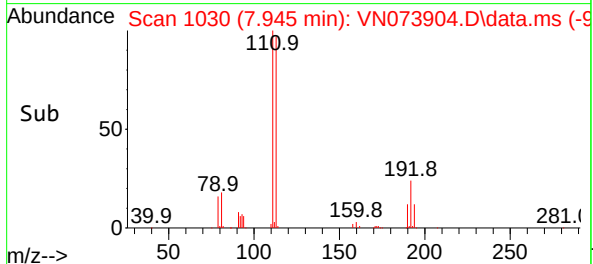
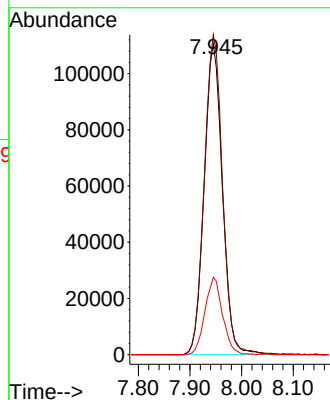
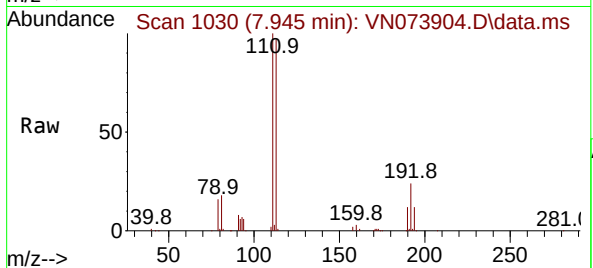




#35  
Dibromofluoromethane  
Concen: 51.345 ug/l  
RT: 7.945 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

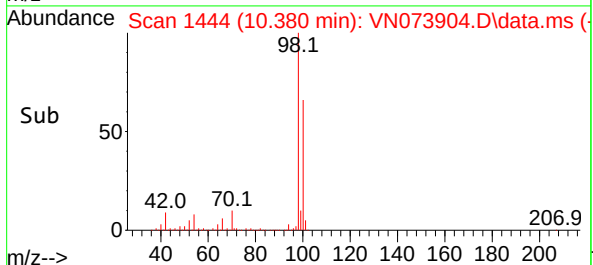
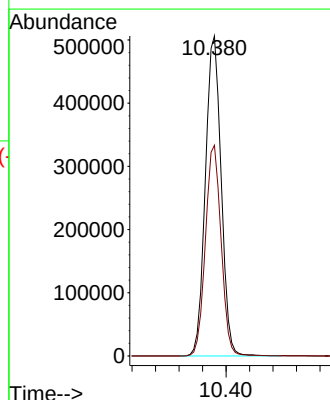
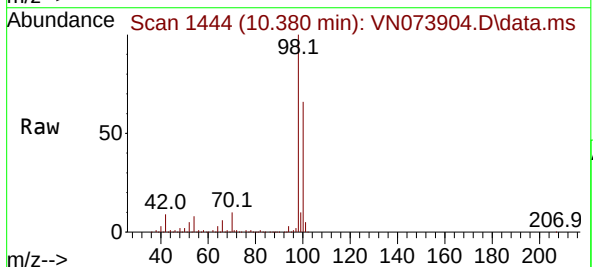
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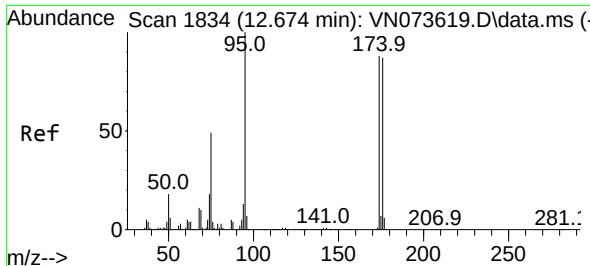
Tgt Ion:113 Resp: 270999  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.0  
192 24.1 17.0 25.6



#50  
Toluene-d8  
Concen: 46.075 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

Tgt Ion: 98 Resp: 941843  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.6 78.8

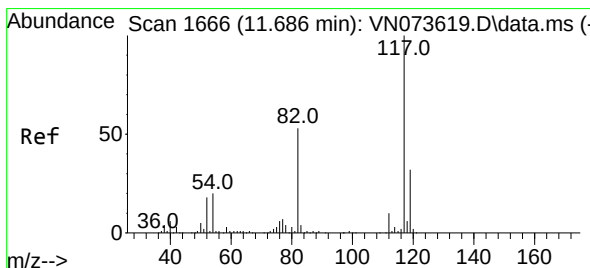
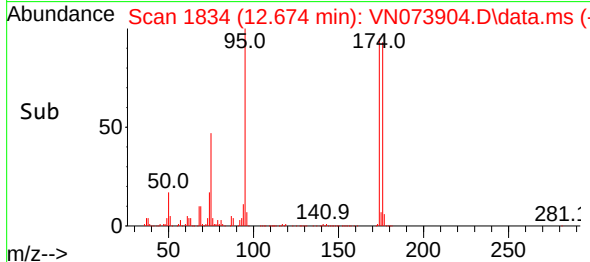
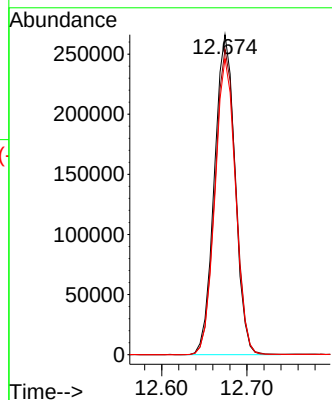
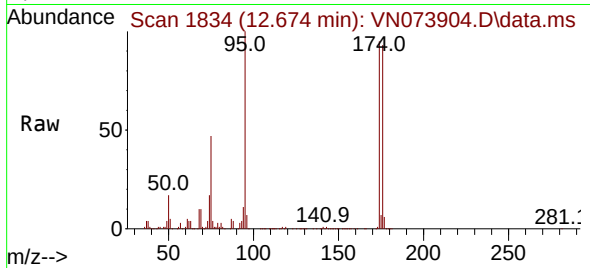




#62  
4-Bromofluorobenzene  
Concen: 65.993 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

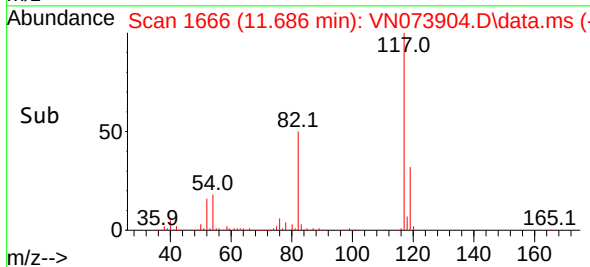
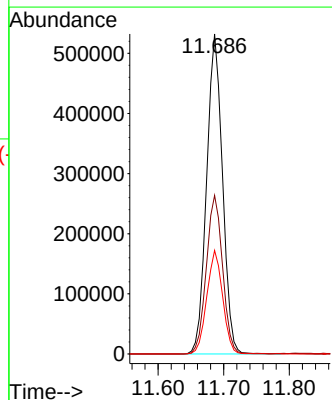
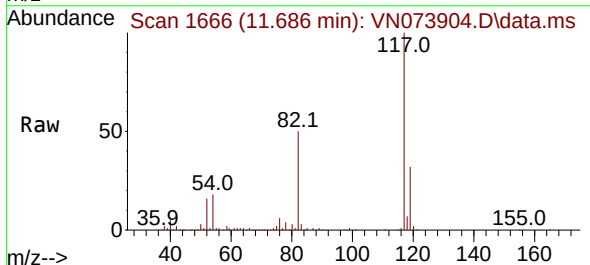
Instrument :  
MSVOA\_N  
ClientSampleId :  
290533

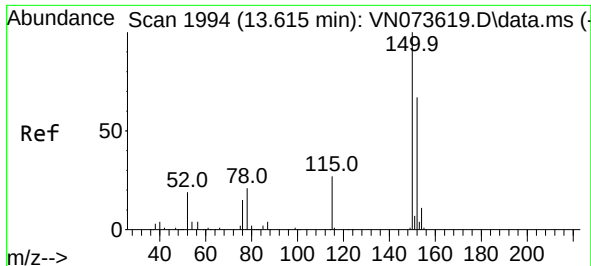
Tgt Ion: 95 Resp: 447703  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 167.6  
176 92.0 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN073904.D  
Acq: 15 Aug 2022 18:45

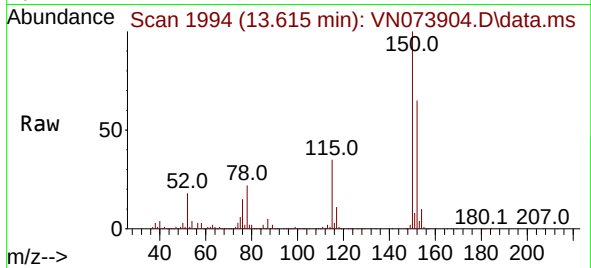
Tgt Ion: 117 Resp: 896614  
Ion Ratio Lower Upper  
117 100  
82 49.6 44.2 66.2  
119 32.3 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.615 min Scan# 1994  
 Delta R.T. 0.000 min  
 Lab File: VN073904.D  
 Acq: 15 Aug 2022 18:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 555777  
 Ion Ratio Lower Upper  
 152 100  
 115 53.8 28.9 86.7  
 150 155.8 0.0 356.2

