

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070622\  
 Data File : VN073356.D  
 Acq On : 06 Jul 2022 19:41  
 Operator : JC\MD  
 Sample : N3593-06  
 Misc : 6.98g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 20220484C-2C

Quant Time: Jul 07 04:25:50 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

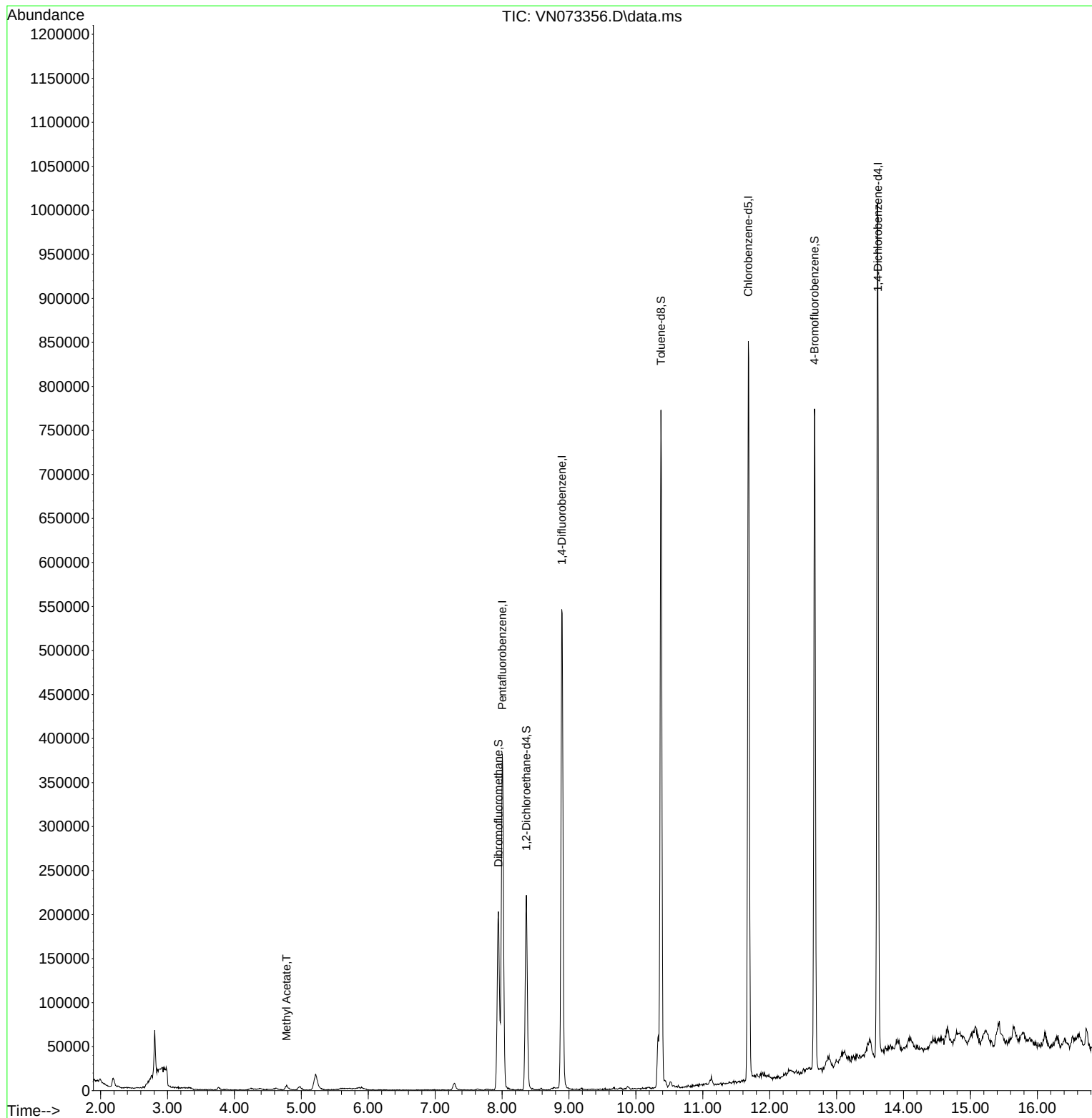
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 8.004  | 168   | 299731   | 50.000   | ug/l  | -0.01       |
| 34) 1,4-Difluorobenzene     | 8.892  | 114   | 492098   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 495534   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 262543   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.363  | 65    | 180209   | 41.648   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 83.300%     |
| 35) Dibromofluoromethane    | 7.945  | 113   | 150031   | 45.825   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.640%     |
| 50) Toluene-d8              | 10.374 | 98    | 528107   | 45.416   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 90.840%     |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 265941   | 59.513   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 119.020%    |
| Target Compounds            |        |       |          |          |       |             |
| 18) Methyl Acetate          | 4.781  | 43    | 10839    | 1.592    | ug/l  | Qvalue # 67 |
| -----                       |        |       |          |          |       |             |

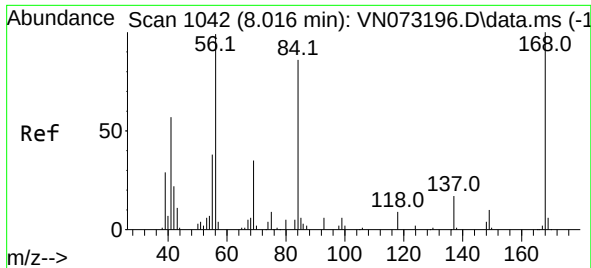
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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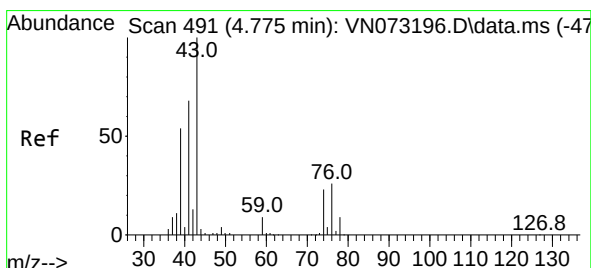
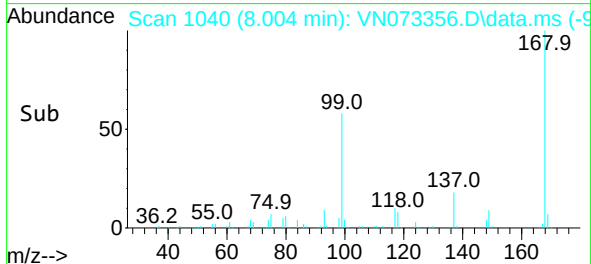
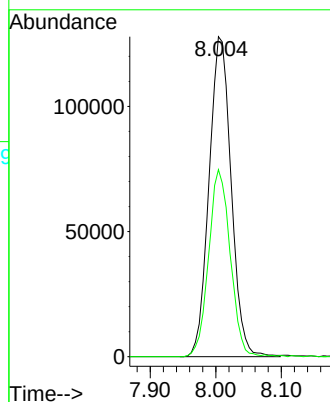
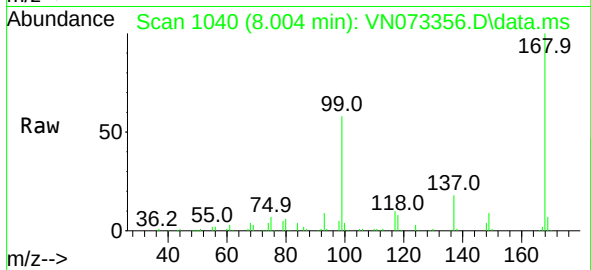




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.004 min Scan# 1040  
Delta R.T. -0.012 min  
Lab File: VN073356.D  
Acq: 06 Jul 2022 19:41

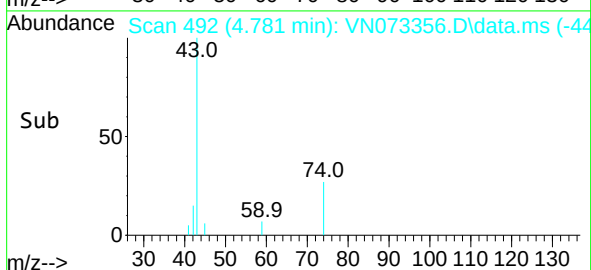
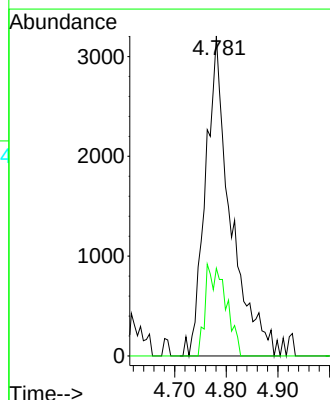
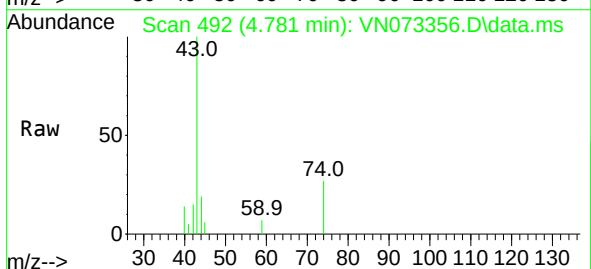
Instrument :  
MSVOA\_N  
ClientSampleId :  
20220484C-2C

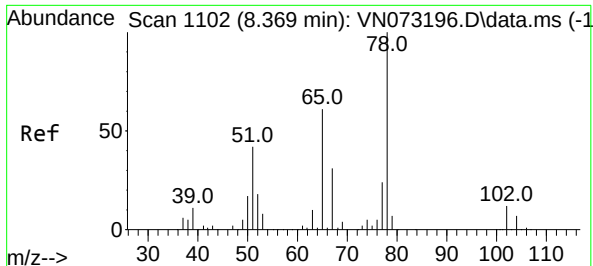
Tgt Ion:168 Resp: 299731  
Ion Ratio Lower Upper  
168 100  
99 58.5 42.3 63.5



#18  
Methyl Acetate  
Concen: 1.592 ug/l  
RT: 4.781 min Scan# 492  
Delta R.T. 0.006 min  
Lab File: VN073356.D  
Acq: 06 Jul 2022 19:41

Tgt Ion: 43 Resp: 10839  
Ion Ratio Lower Upper  
43 100  
74 9.7 21.6 32.4#





#33

1,2-Dichloroethane-d4

Concen: 41.648 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

Instrument :

MSVOA\_N

ClientSampleId :

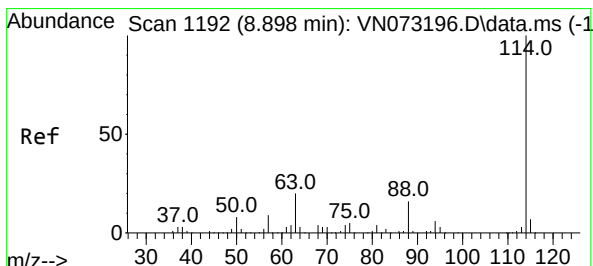
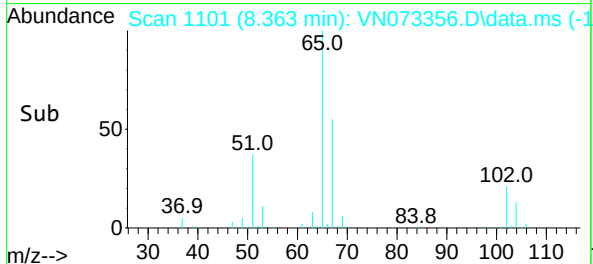
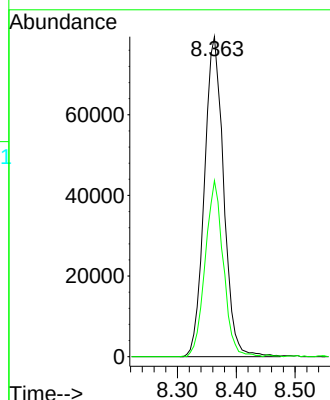
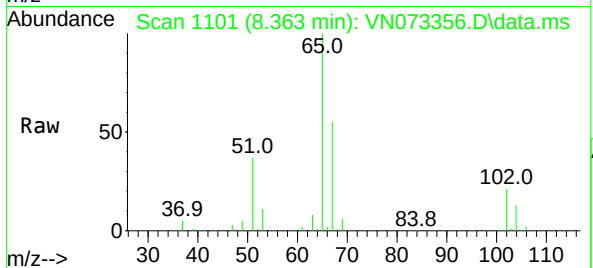
20220484C-2C

Tgt Ion: 65 Resp: 180209

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

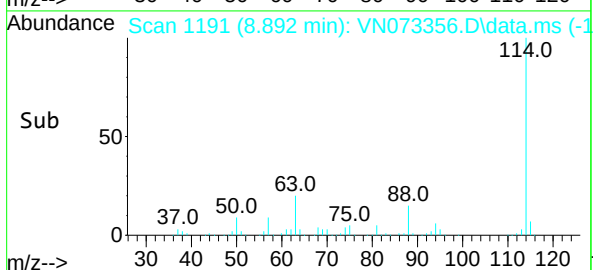
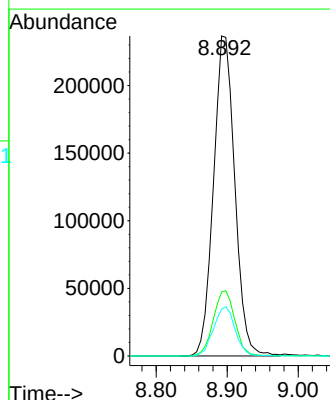
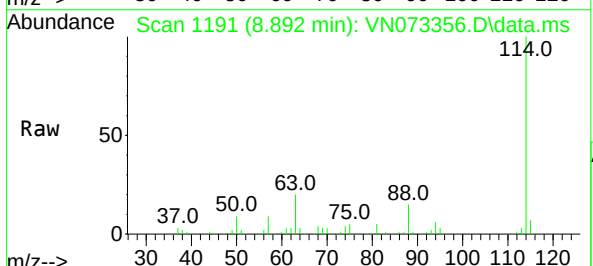
Tgt Ion: 114 Resp: 492098

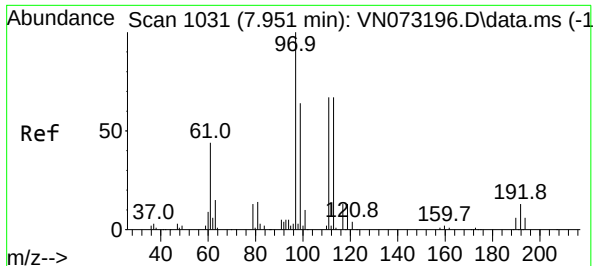
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.825 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073356.D

Acq: 06 Jul 2022 19:41

Instrument :

MSVOA\_N

ClientSampleId :

20220484C-2C

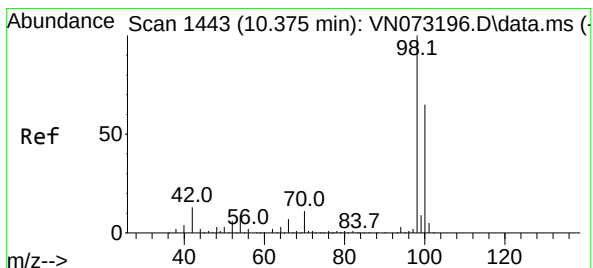
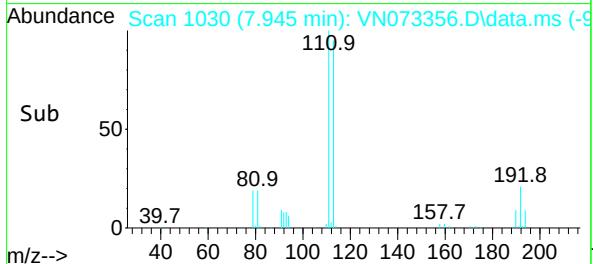
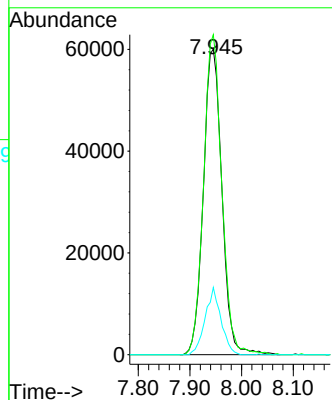
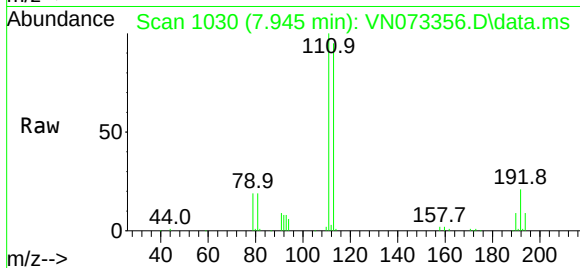
Tgt Ion:113 Resp: 150031

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.7 17.0 25.6



#50

Toluene-d8

Concen: 45.416 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.001 min

Lab File: VN073356.D

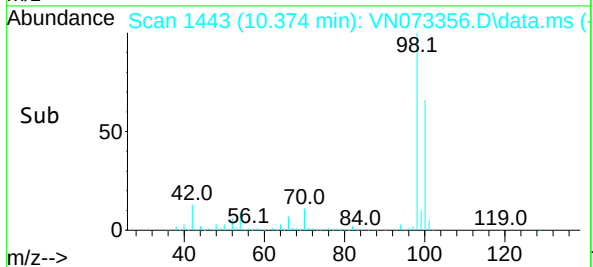
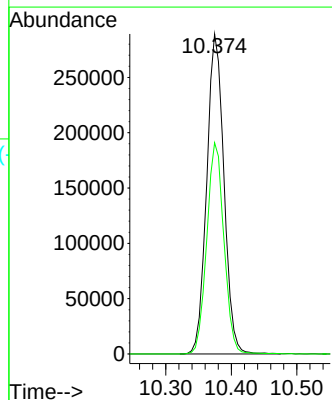
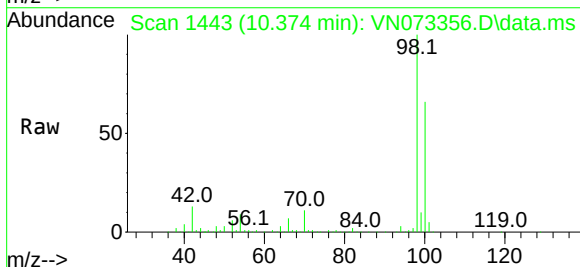
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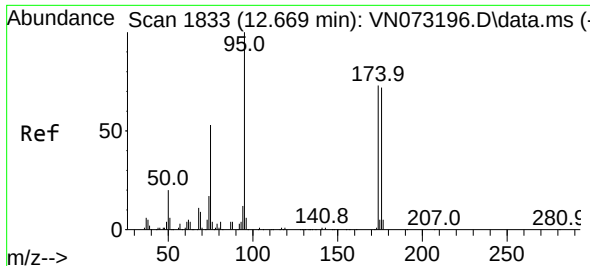
Tgt Ion: 98 Resp: 528107

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

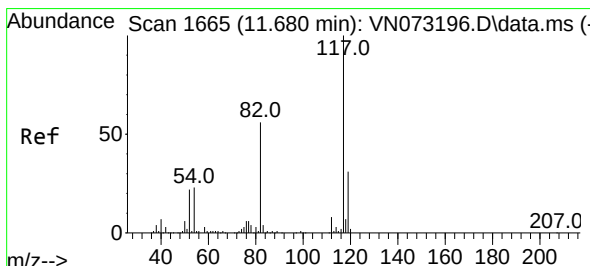
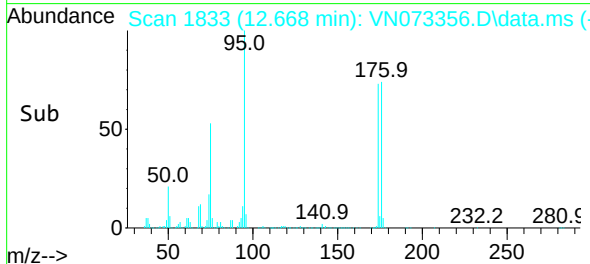
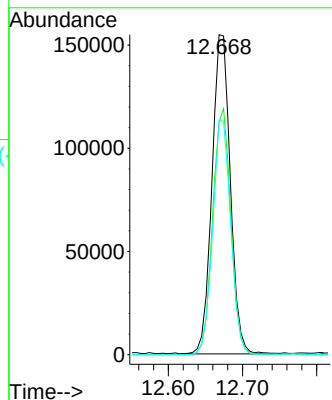
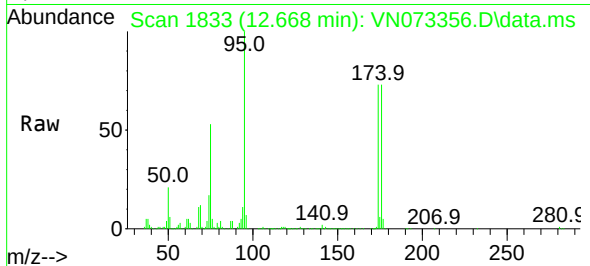




#62  
4-Bromofluorobenzene  
Concen: 59.513 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073356.D  
Acq: 06 Jul 2022 19:41

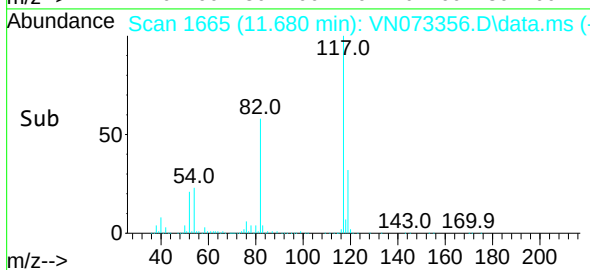
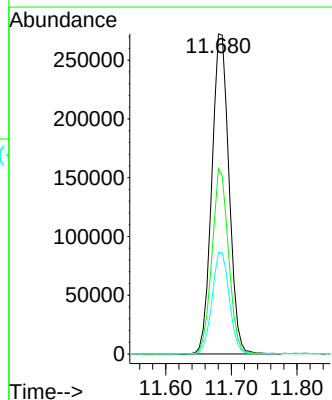
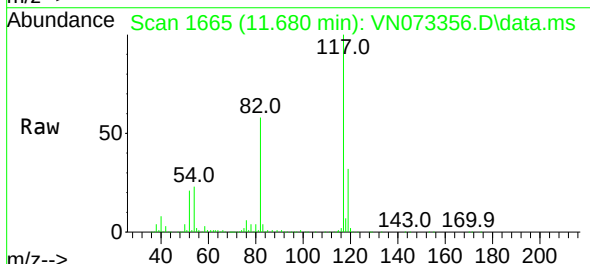
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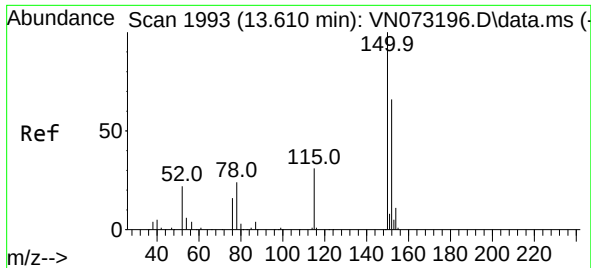
Tgt Ion: 95 Resp: 265941  
Ion Ratio Lower Upper  
95 100  
174 76.4 0.0 167.6  
176 72.6 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073356.D  
Acq: 06 Jul 2022 19:41

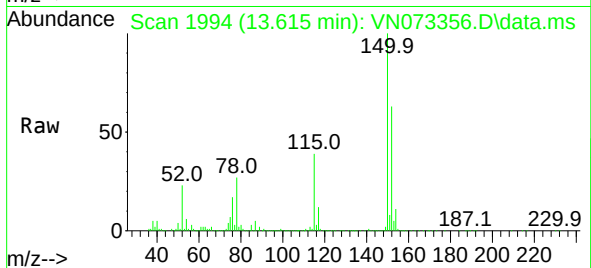
Tgt Ion: 117 Resp: 495534  
Ion Ratio Lower Upper  
117 100  
82 57.9 44.2 66.2  
119 31.7 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.615 min Scan# 1994  
 Delta R.T. 0.005 min  
 Lab File: VN073356.D  
 Acq: 06 Jul 2022 19:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 262543  
 Ion Ratio Lower Upper  
 152 100  
 115 60.6 28.9 86.7  
 150 160.7 0.0 356.2

