

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073437.D
 Acq On : 12 Jul 2022 15:22
 Operator : JC\MD
 Sample : N3616-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-82-102-070622

Quant Time: Jul 13 06:18:32 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)

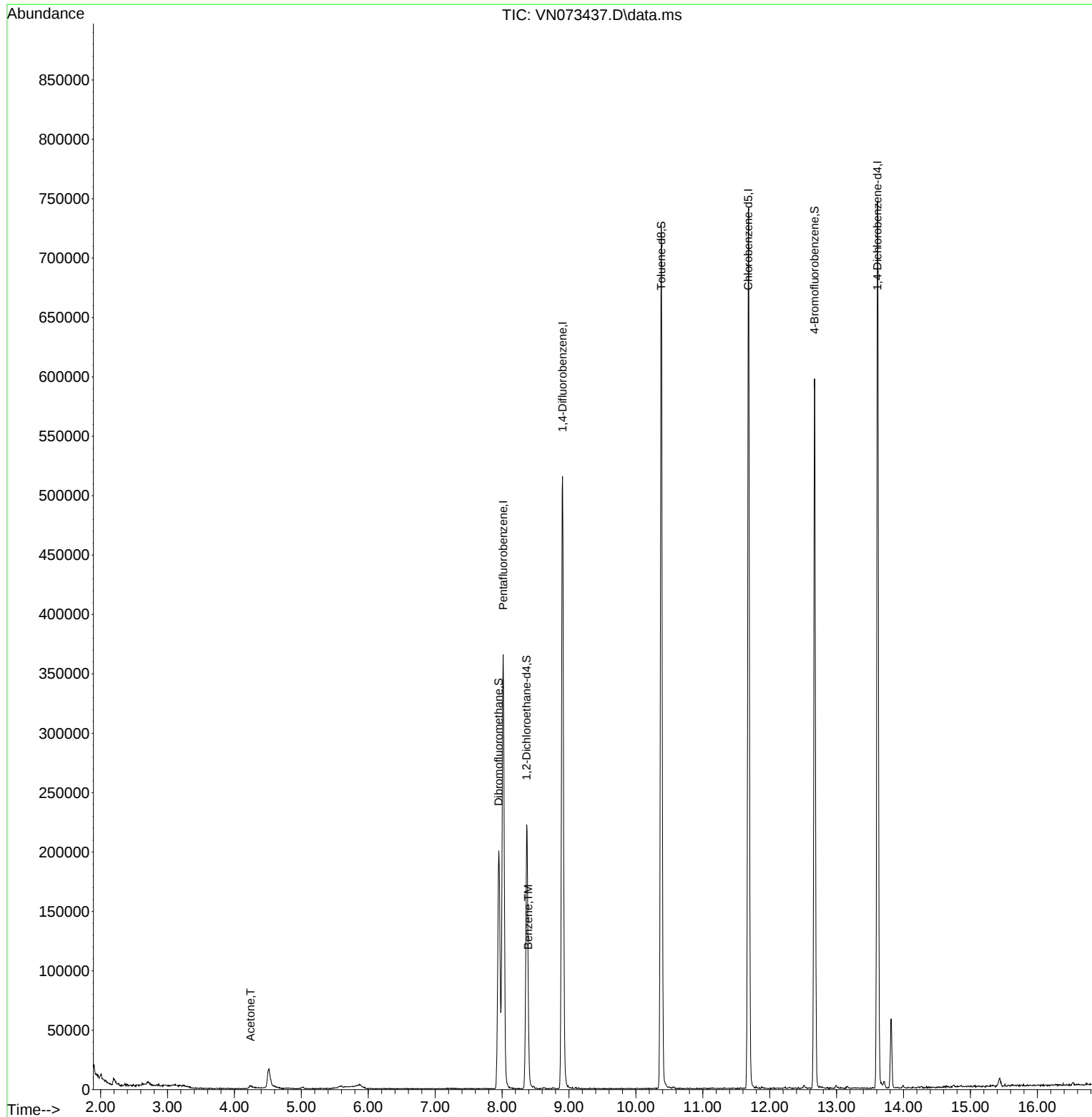
Internal Standards						
1) Pentafluorobenzene	8.016	168	265515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	451124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	420529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180732	47.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	7.951	113	149060	49.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.320%		
50) Toluene-d8	10.380	98	484931	45.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.980%		
62) 4-Bromofluorobenzene	12.669	95	208702	50.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.900%		
Target Compounds					Qvalue	
16) Acetone	4.240	43	4682	2.176	ug/l #	88
40) Benzene	8.392	78	4156	0.292	ug/l	98

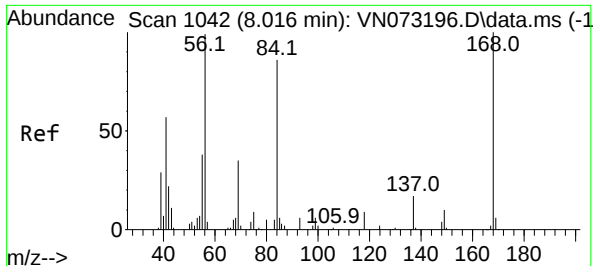
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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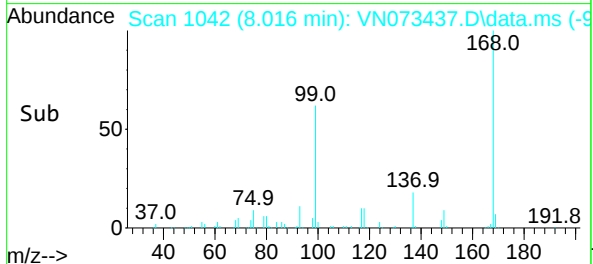
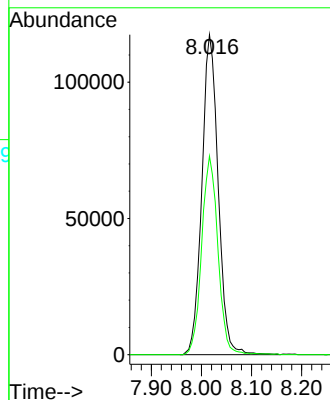
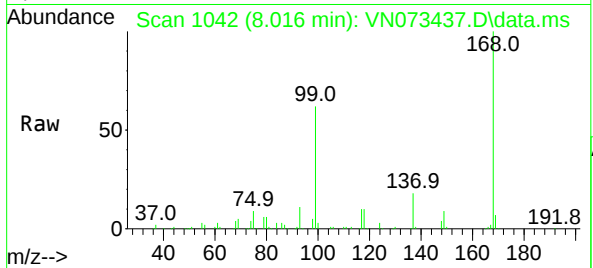




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

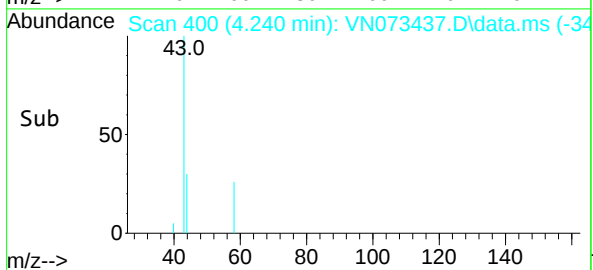
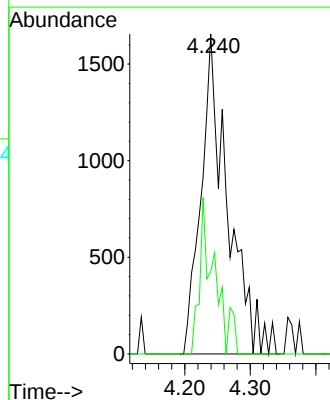
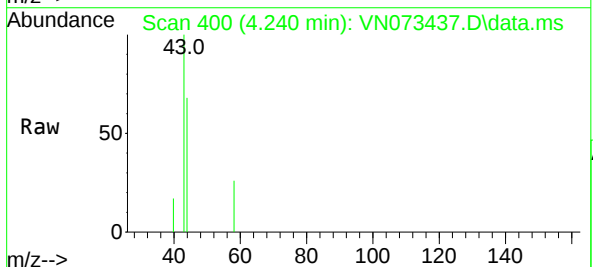
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

Tgt Ion:168 Resp: 265515
Ion Ratio Lower Upper
168 100
99 62.0 42.3 63.5



#16
Acetone
Concen: 2.176 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 47.152 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073437.D

Acq: 12 Jul 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

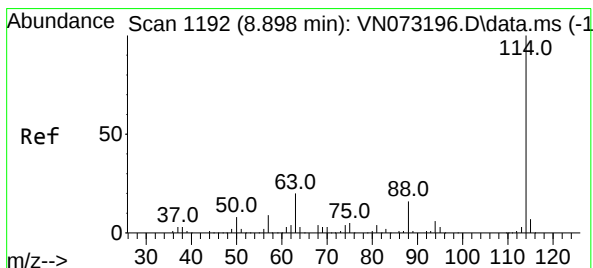
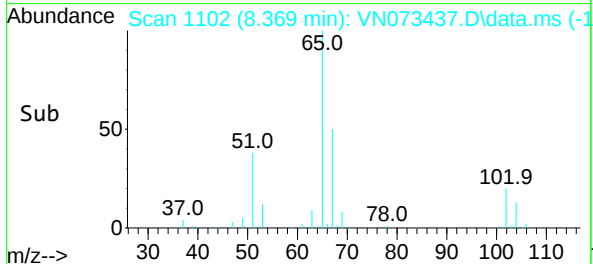
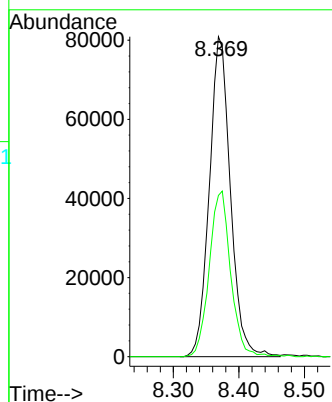
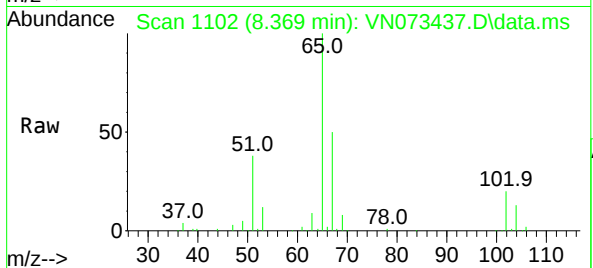
GWOW-BR-03-82-102-070622

Tgt Ion: 65 Resp: 180732

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073437.D

Acq: 12 Jul 2022 15:22

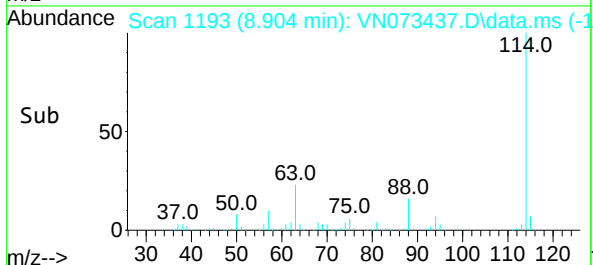
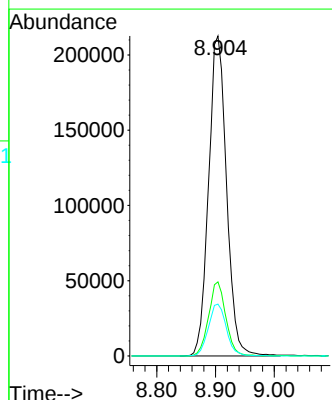
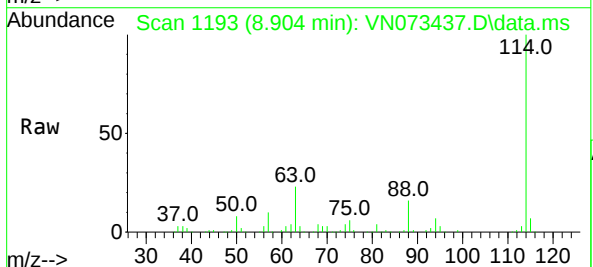
Tgt Ion: 114 Resp: 451124

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.664 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN073437.D

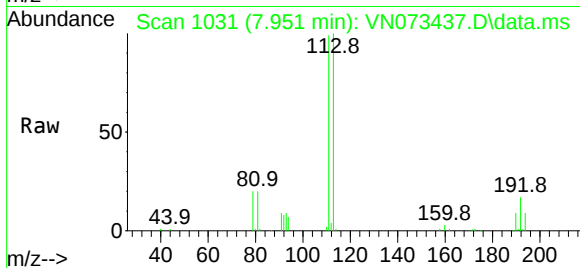
Acq: 12 Jul 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-82-102-070622



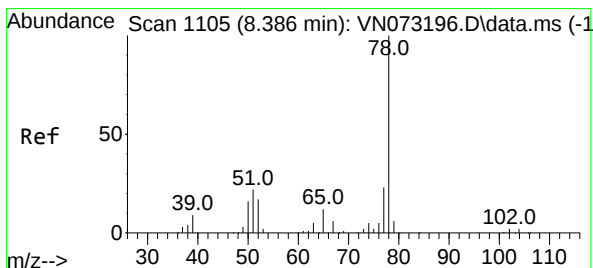
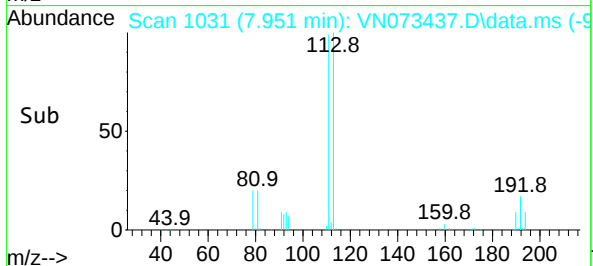
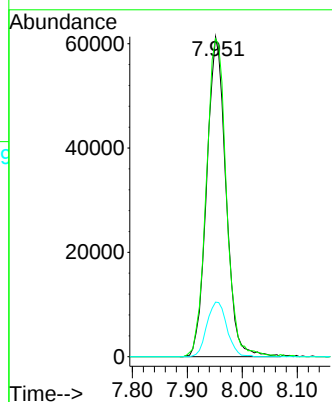
Tgt Ion:113 Resp: 149060

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.7 17.0 25.6



#40

Benzene

Concen: 0.292 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073437.D

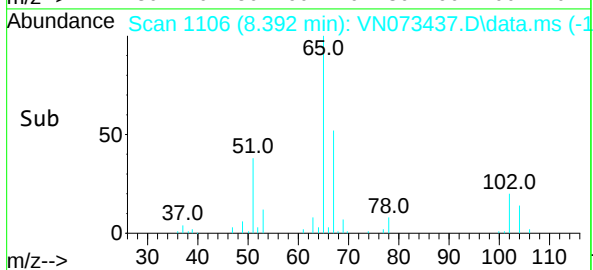
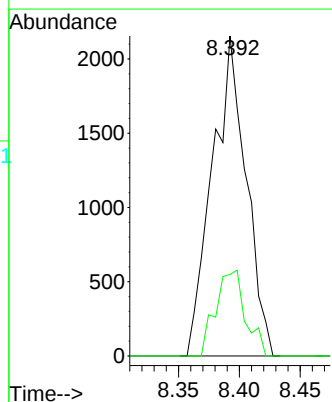
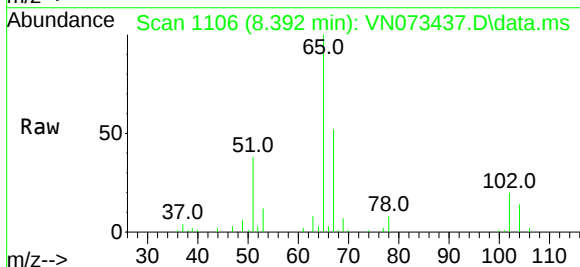
Acq: 12 Jul 2022 15:22

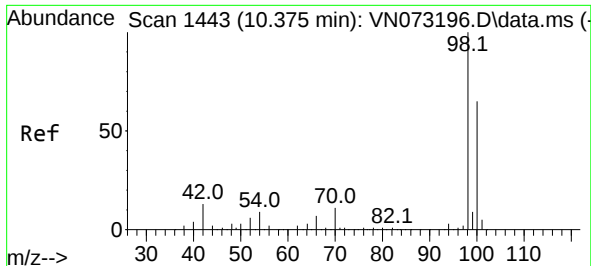
Tgt Ion: 78 Resp: 4156

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

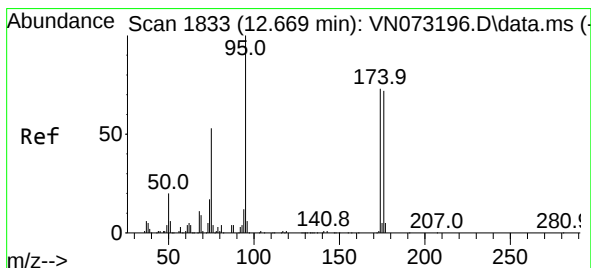
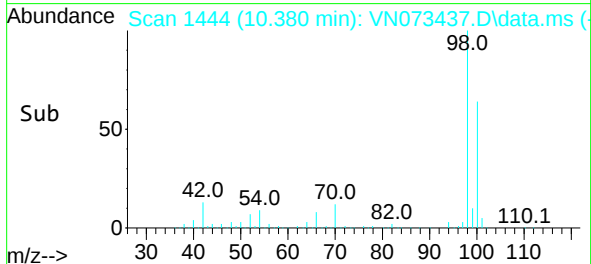
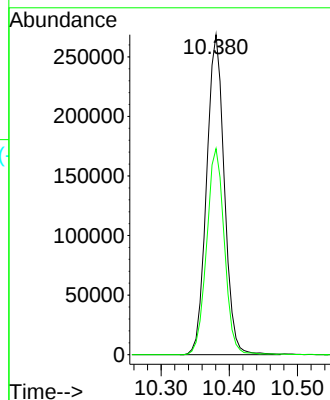
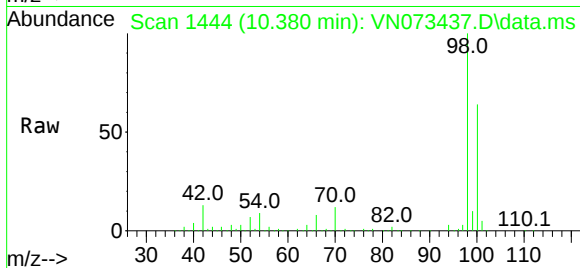




#50
Toluene-d8
Concen: 45.491 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

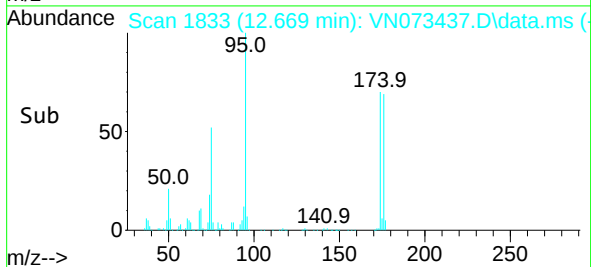
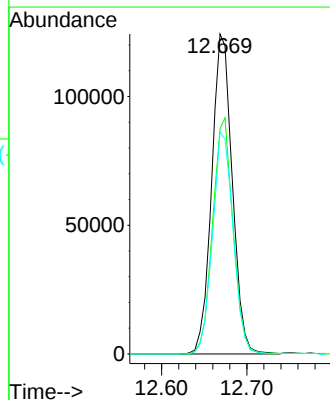
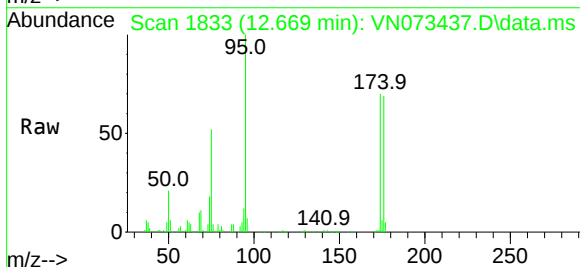
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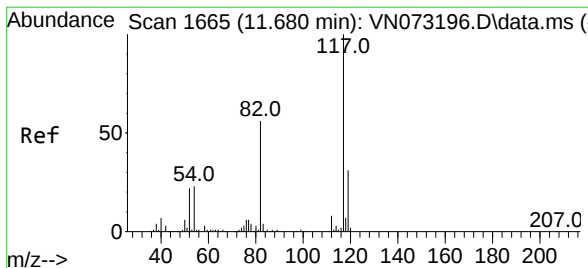
Tgt Ion: 98 Resp: 484931
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.946 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 95 Resp: 208702
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 69.6 0.0 163.4

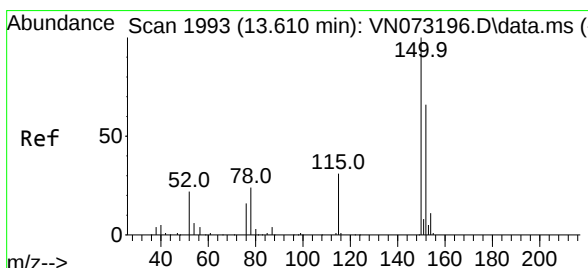
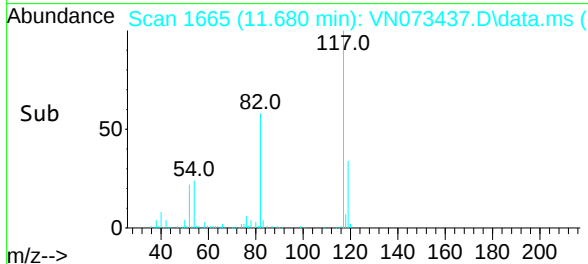
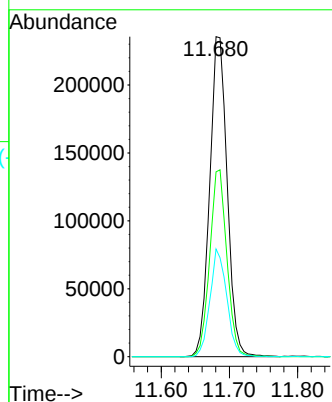
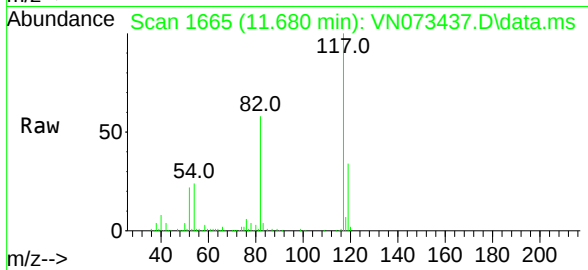




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

Tgt Ion:117 Resp: 420529
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion:152 Resp: 202544
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 155.5 0.0 356.2

