

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073440.D
 Acq On : 12 Jul 2022 16:35
 Operator : JC\MD
 Sample : N3636-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-150-170-070722

Quant Time: Jul 13 06:18:59 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)

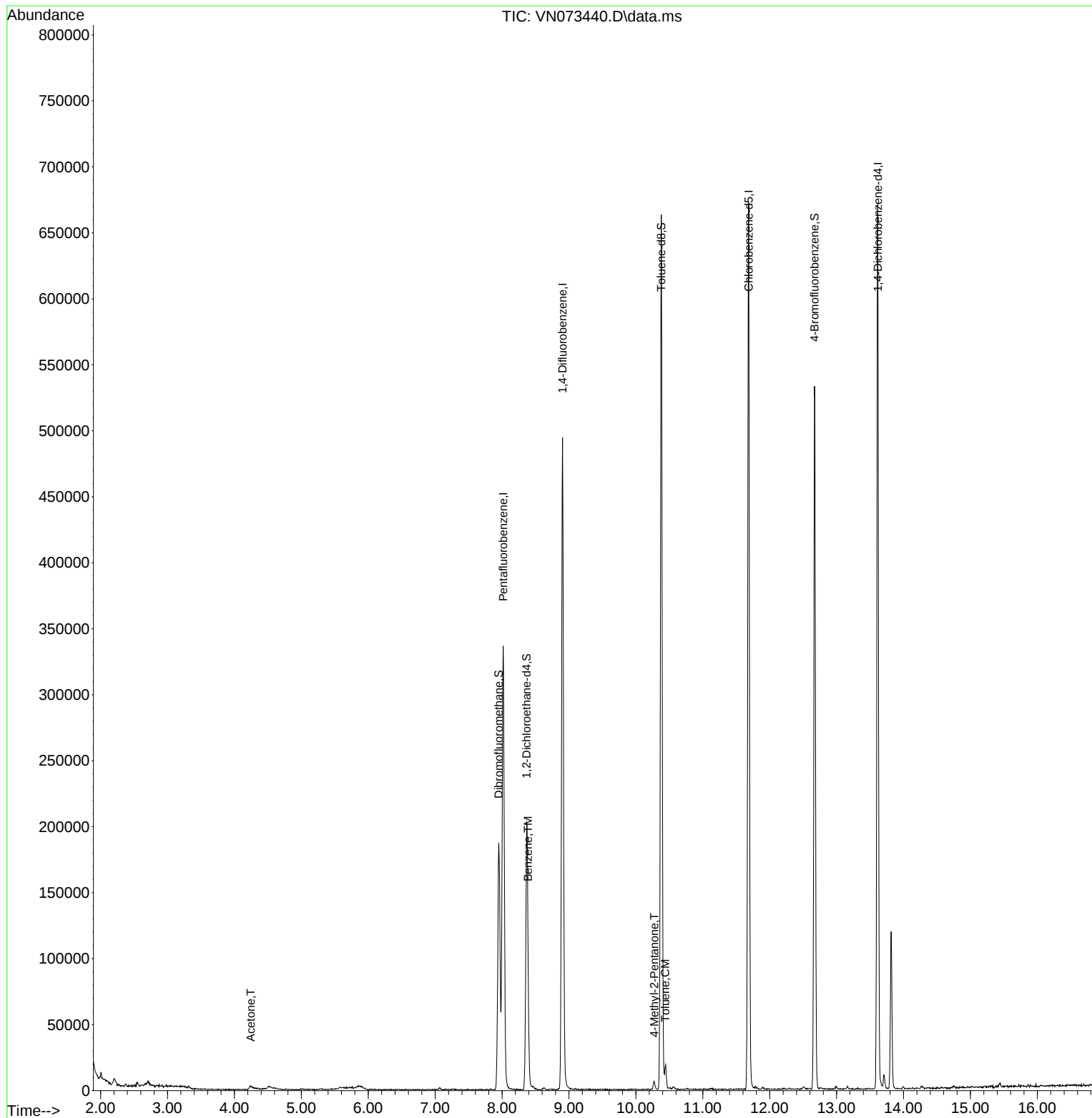
Internal Standards						
1) Pentafluorobenzene	8.016	168	243867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	416860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	379694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	180088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167952	47.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.420%
35) Dibromofluoromethane	7.951	113	138603	49.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	10.380	98	439091	44.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.669	95	186516	49.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
16) Acetone	4.246	43	4842	2.450	ug/l #	76
40) Benzene	8.386	78	9710	0.737	ug/l #	86
51) 4-Methyl-2-Pentanone	10.275	43	5464	0.930	ug/l #	76
52) Toluene	10.439	92	6234	0.766	ug/l	93

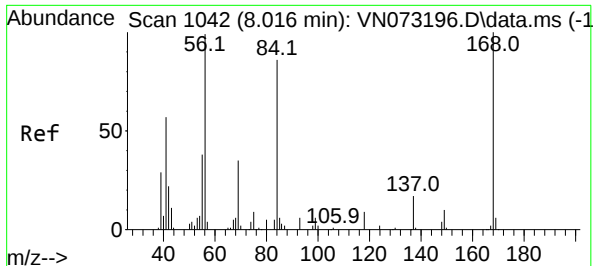
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 01:54:03 2022
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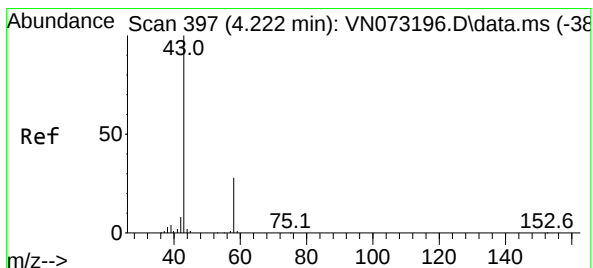
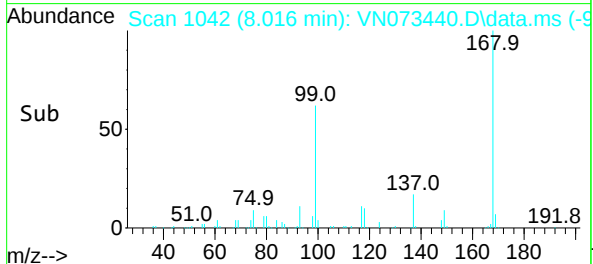
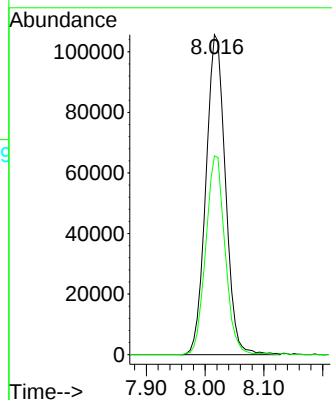
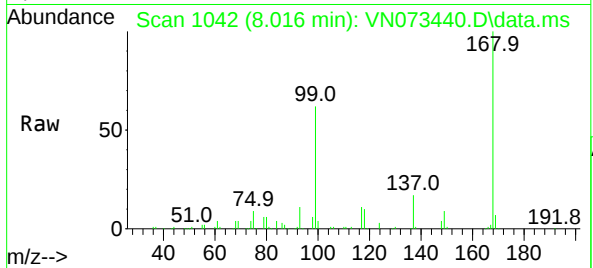




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

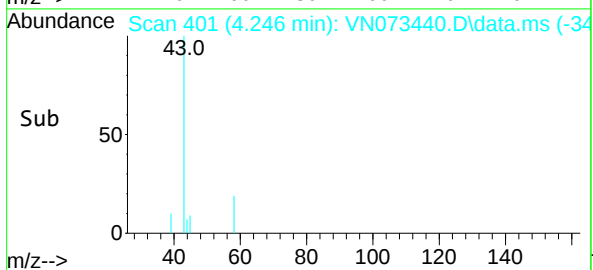
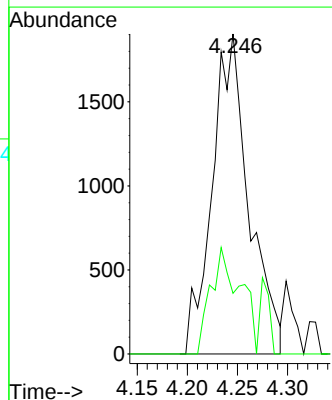
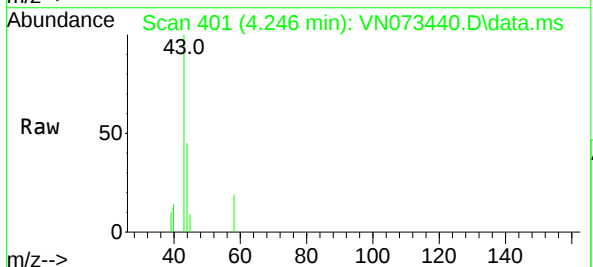
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-150-170-070722

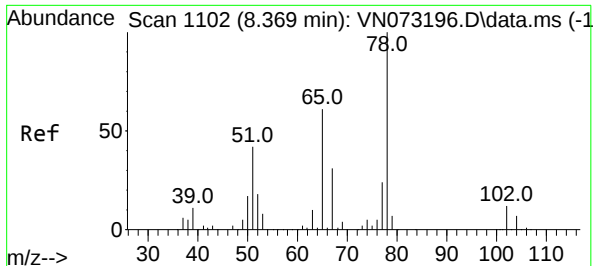
Tgt Ion:168 Resp: 243867
Ion Ratio Lower Upper
168 100
99 62.1 42.3 63.5



#16
Acetone
Concen: 2.450 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

Tgt Ion: 43 Resp: 4842
Ion Ratio Lower Upper
43 100
58 19.0 26.0 39.0#

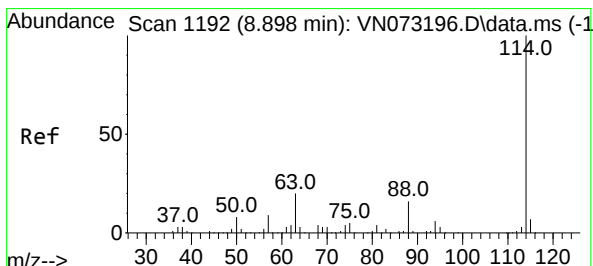
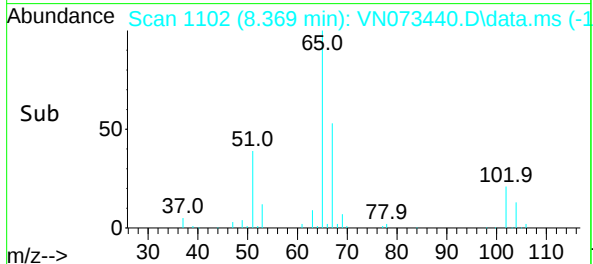
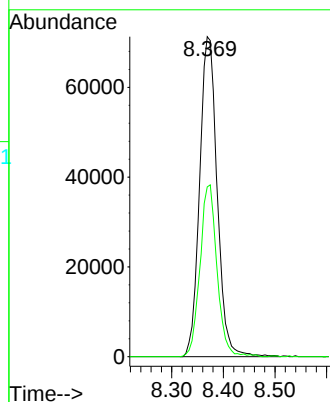
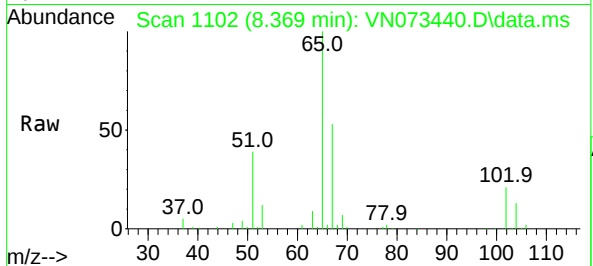




#33
 1,2-Dichloroethane-d4
 Concen: 47.707 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073440.D
 Acq: 12 Jul 2022 16:35

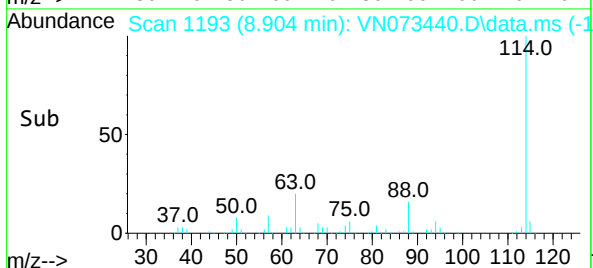
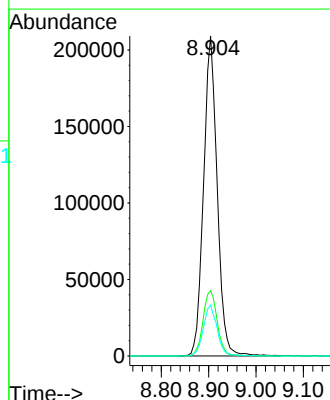
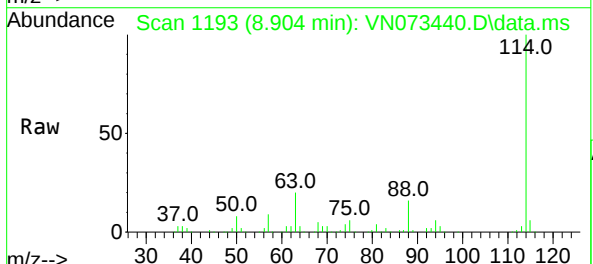
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-150-170-070722

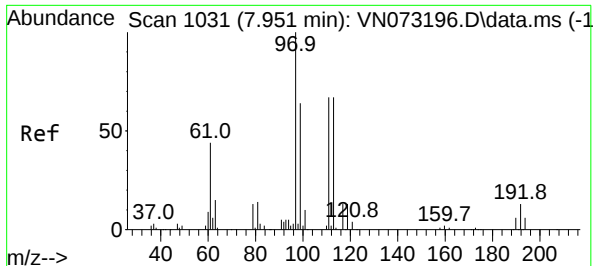
Tgt Ion: 65 Resp: 167952
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073440.D
 Acq: 12 Jul 2022 16:35

Tgt Ion: 114 Resp: 416860
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.9 0.0 32.6

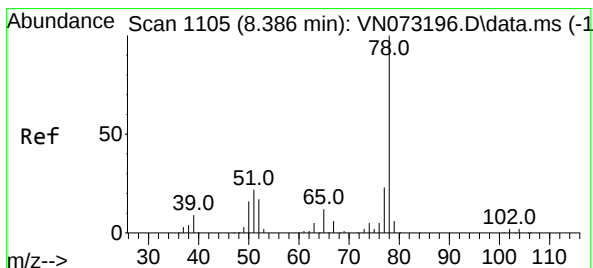
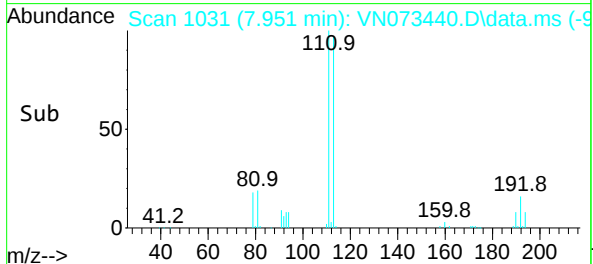
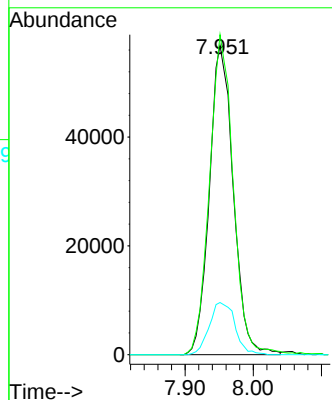
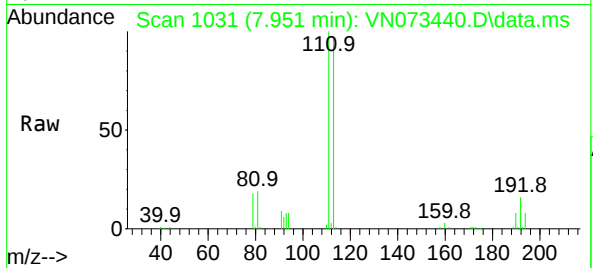




#35
Dibromofluoromethane
Concen: 49.975 ug/l
RT: 7.951 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

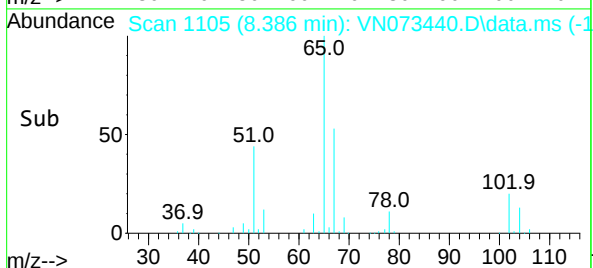
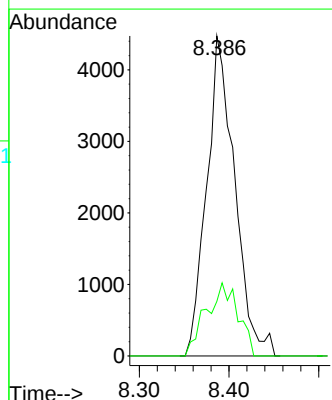
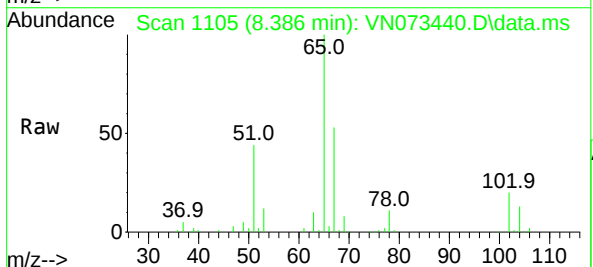
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-150-170-070722

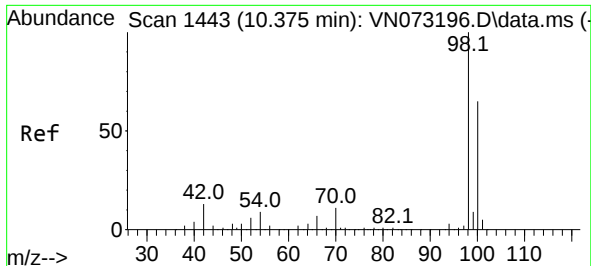
Tgt Ion:113 Resp: 138603
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.2 17.0 25.6



#40
Benzene
Concen: 0.737 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

Tgt Ion: 78 Resp: 9710
Ion Ratio Lower Upper
78 100
77 17.0 19.4 29.0#

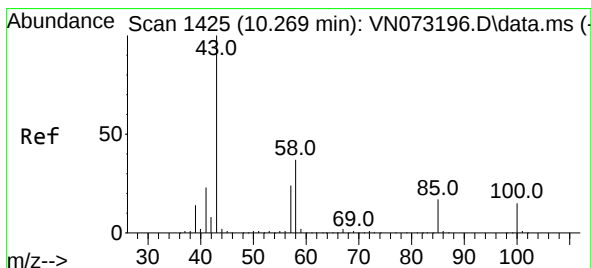
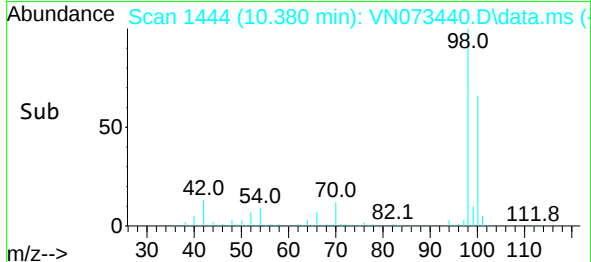
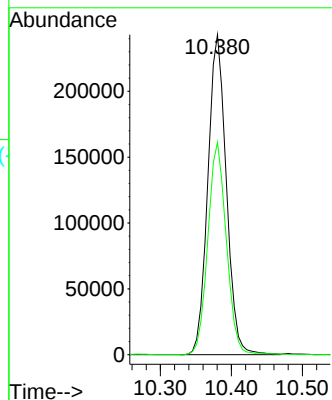
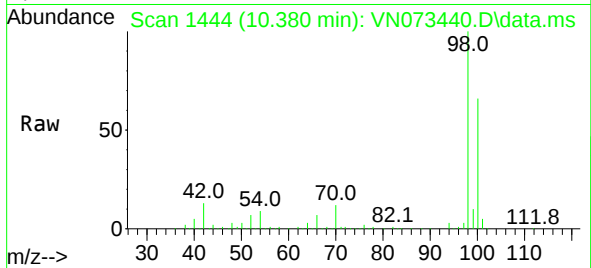




#50
Toluene-d8
Concen: 44.576 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

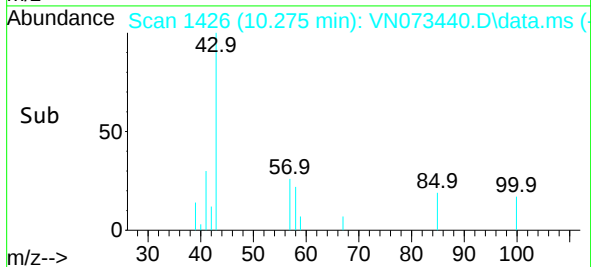
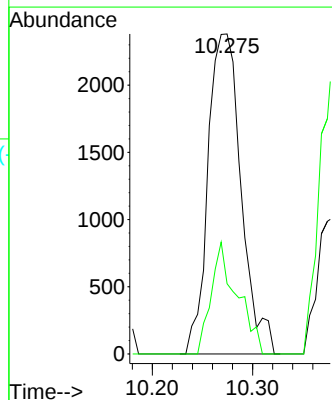
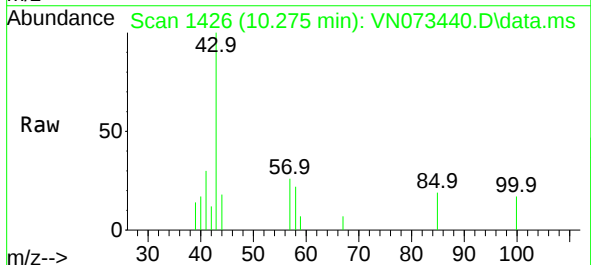
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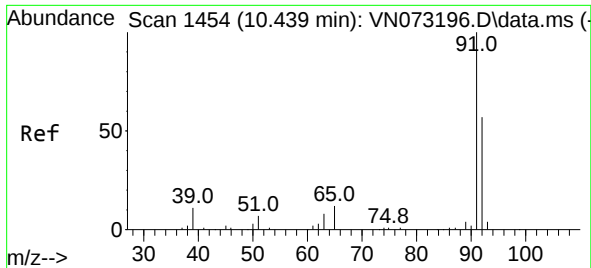
Tgt Ion: 98 Resp: 439091
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.930 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
58 27.4 34.1 51.1#

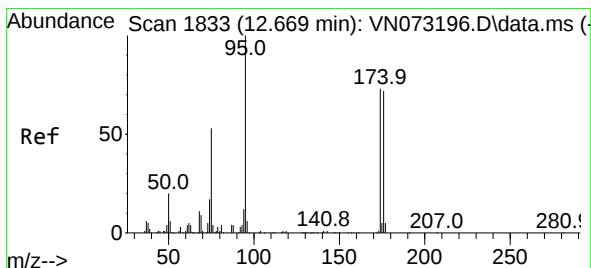
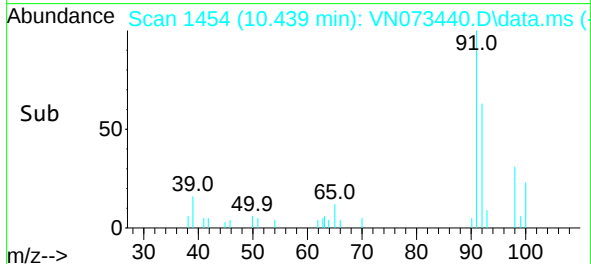
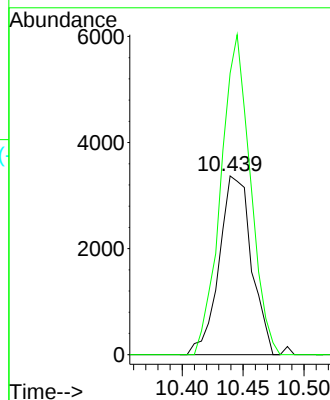
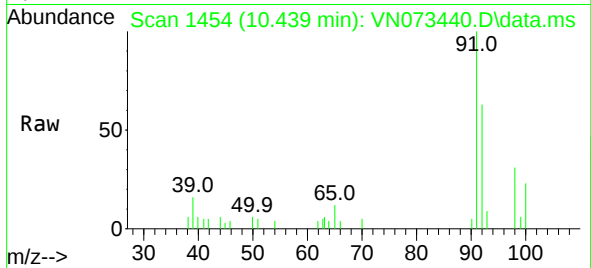




#52
Toluene
Concen: 0.766 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

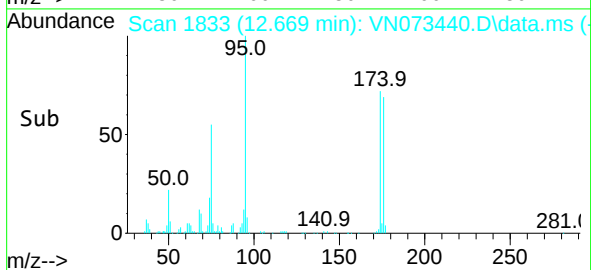
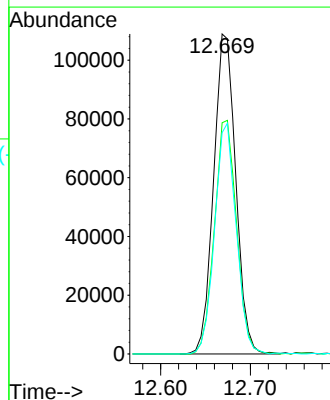
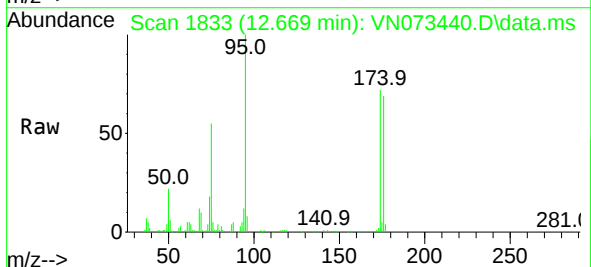
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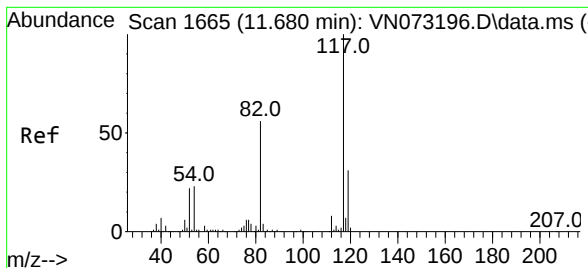
Tgt Ion: 92 Resp: 6234
Ion Ratio Lower Upper
92 100
91 163.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 49.272 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073440.D
Acq: 12 Jul 2022 16:35

Tgt Ion: 95 Resp: 186516
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 70.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073440.D

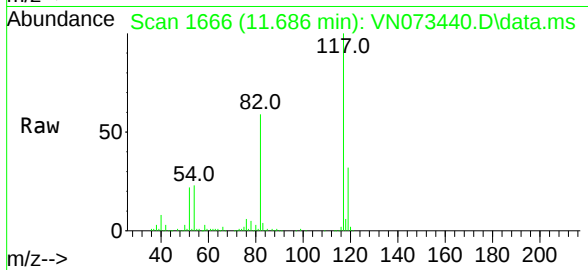
Acq: 12 Jul 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-150-170-070722



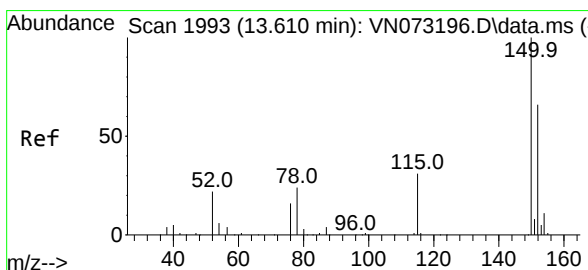
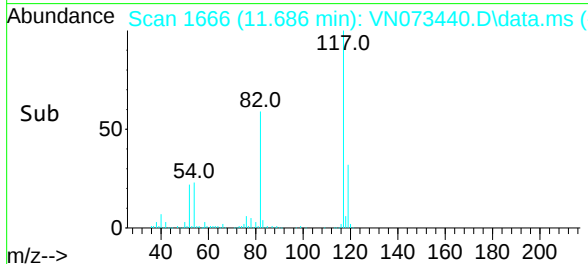
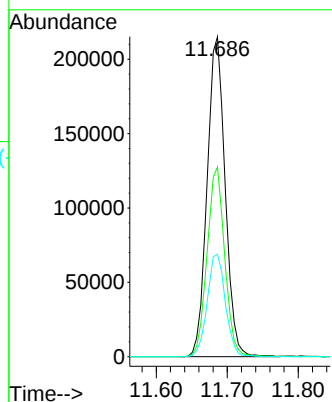
Tgt Ion:117 Resp: 379694

Ion Ratio Lower Upper

117 100

82 59.2 44.2 66.2

119 32.0 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: VN073440.D

Acq: 12 Jul 2022 16:35

Tgt Ion:152 Resp: 180088

Ion Ratio Lower Upper

152 100

115 59.4 28.9 86.7

150 154.0 0.0 356.2

