

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073436.D
 Acq On : 12 Jul 2022 14:57
 Operator : JC\MD
 Sample : N3669-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-261-281-071122

Quant Time: Jul 13 06:18:23 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)

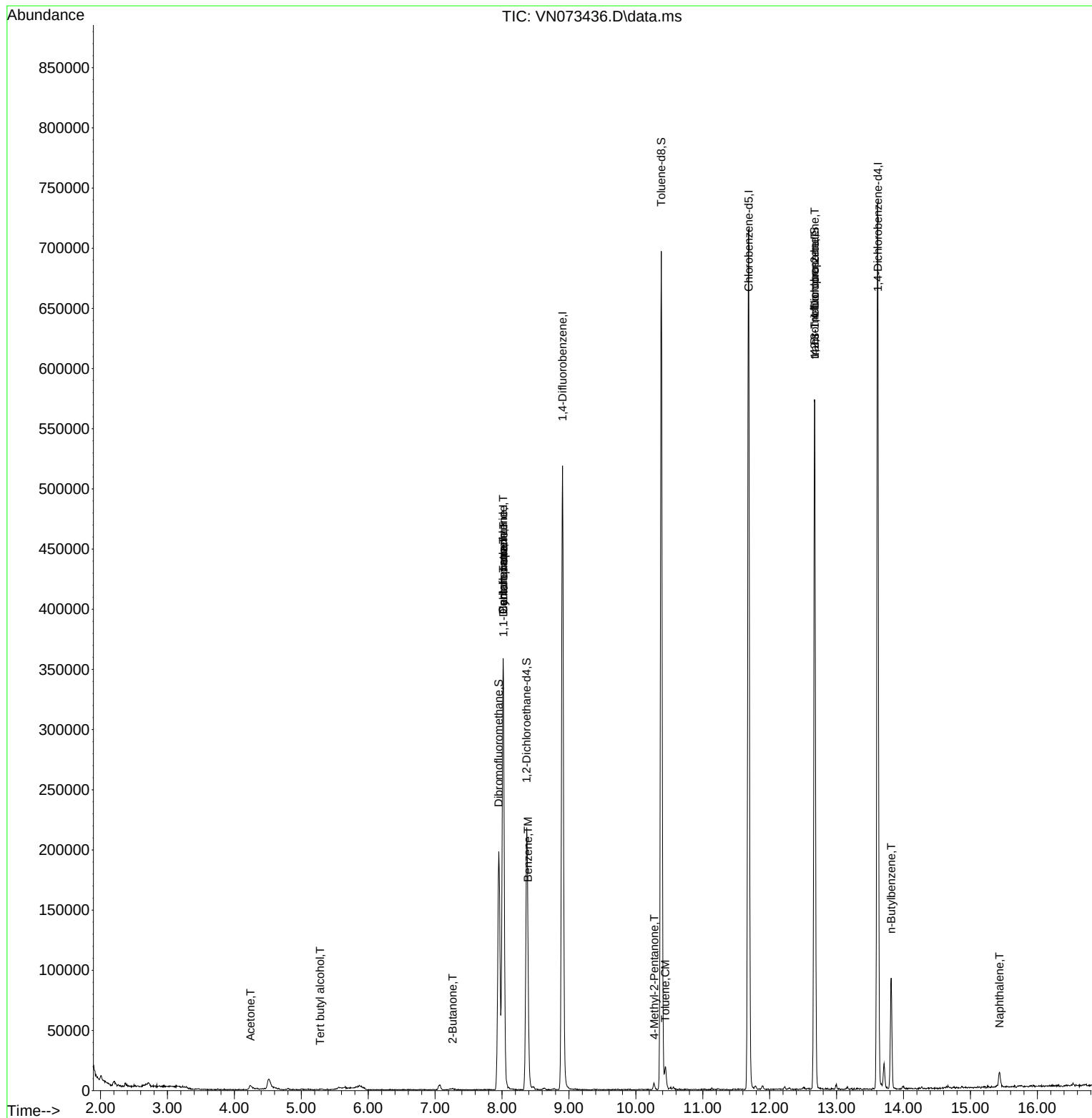
Internal Standards						
1) Pentafluorobenzene	8.016	168	263327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	445328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	408650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	198156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177301	46.641	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	7.951	113	146575	49.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.381	98	466905	44.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.740%		
62) 4-Bromofluorobenzene	12.669	95	204118	50.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.960%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	337	0.366	ug/l #	72
16) Acetone	4.240	43	6460	3.027	ug/l #	76
25) 2-Butanone	7.263	43	709	0.209	ug/l #	45
31) Cyclohexane	8.016	56	6668	1.071	ug/l #	49
36) 1,1-Dichloropropene	8.022	75	23200	5.089	ug/l #	48
38) Carbon Tetrachloride	8.016	117	27850	5.907	ug/l #	17
40) Benzene	8.387	78	13961	0.992	ug/l	96
51) 4-Methyl-2-Pentanone	10.275	43	3751	0.597	ug/l #	86
52) Toluene	10.440	92	6094	0.701	ug/l	94
76) 1,2,3-Trichloropropane	12.675	75	107667	20.780	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	107667	56.987	ug/l #	10
89) n-Butylbenzene	13.816	91	7111	0.629	ug/l #	42
95) Naphthalene	15.433	128	12485	0.818	ug/l #	95

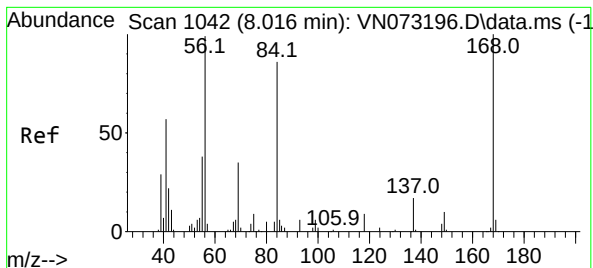
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
Data File : VN073436.D
Acq On : 12 Jul 2022 14:57
Operator : JC\MD
Sample : N3669-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

Quant Time: Jul 13 06:18:23 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

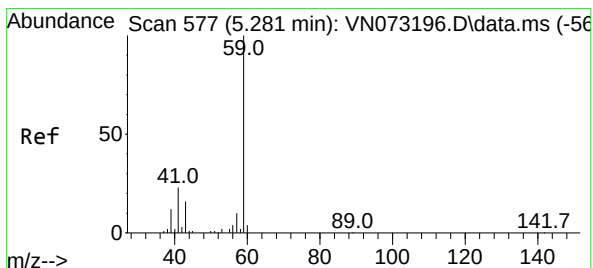
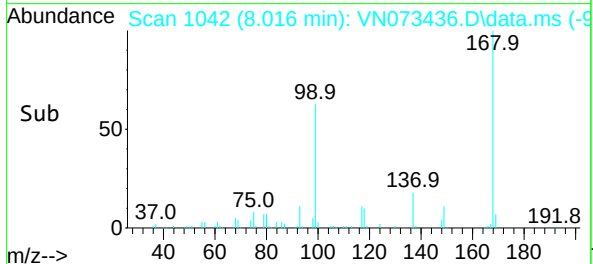
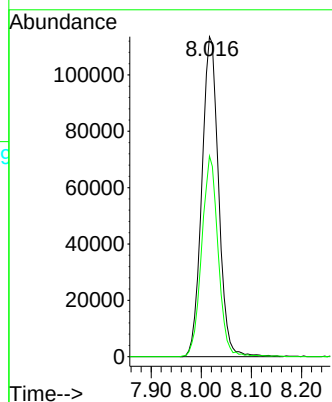
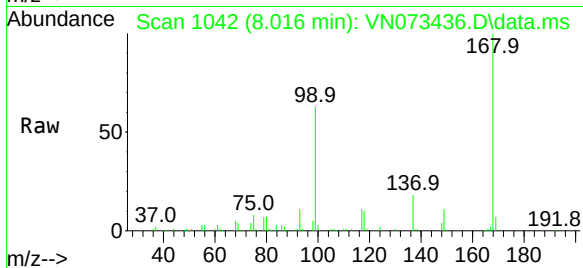




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

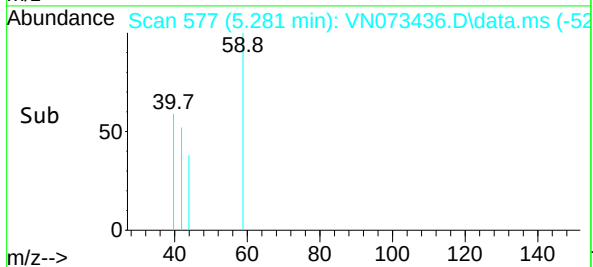
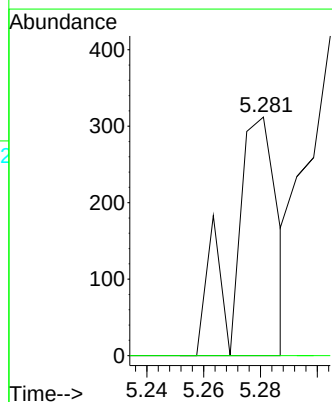
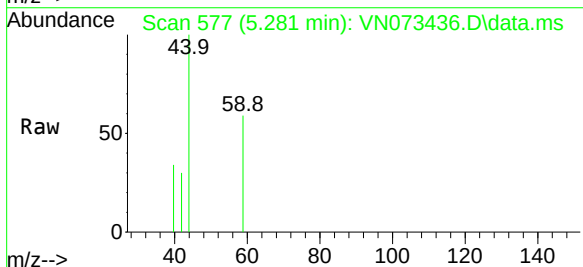
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

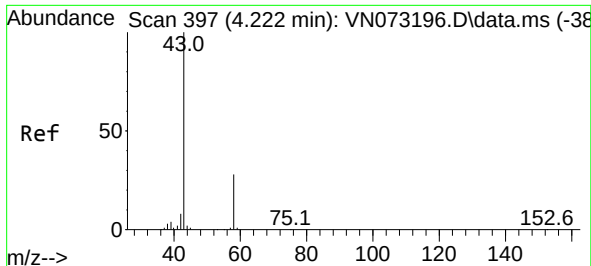
Tgt Ion:168 Resp: 263327
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.366 ug/l
RT: 5.281 min Scan# 577
Delta R.T. 0.000 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

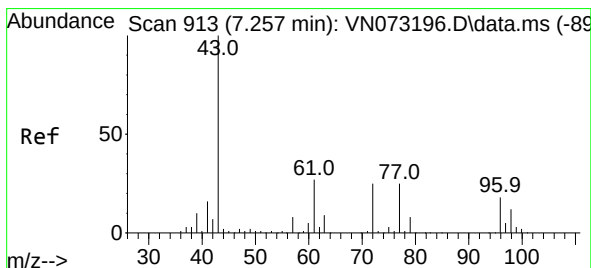
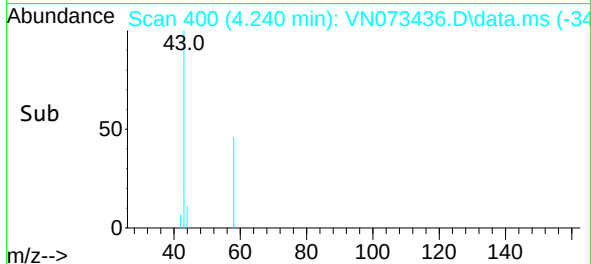
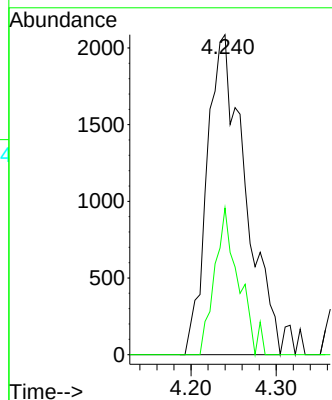
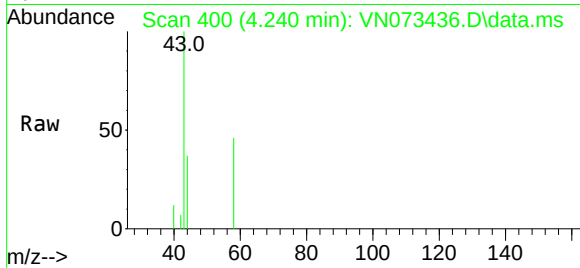




#16
Acetone
Concen: 3.027 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

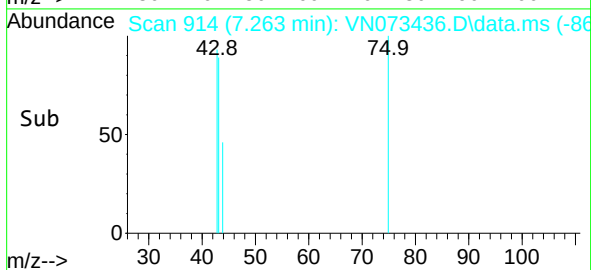
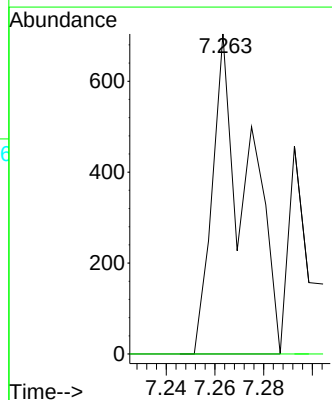
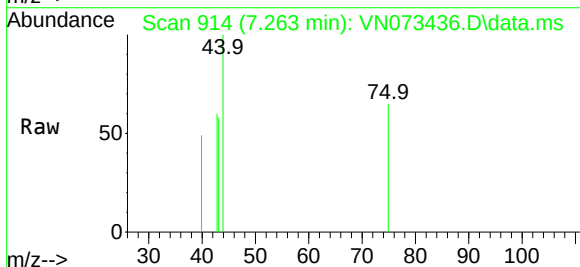
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

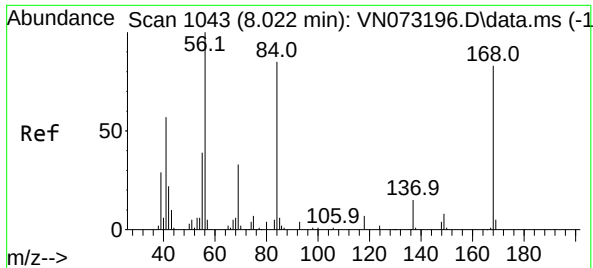
Tgt Ion: 43 Resp: 6460
Ion Ratio Lower Upper
43 100
58 45.9 26.0 39.0#



#25
2-Butanone
Concen: 0.209 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

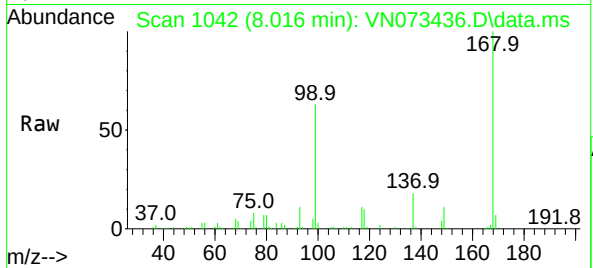
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



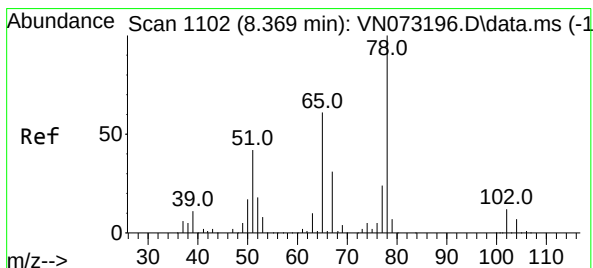
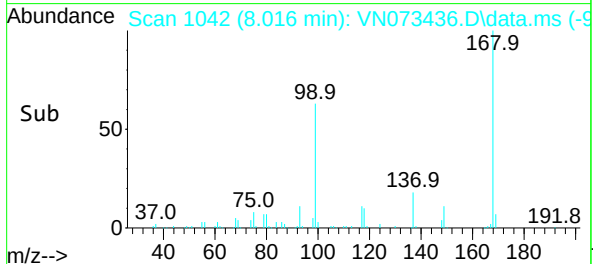
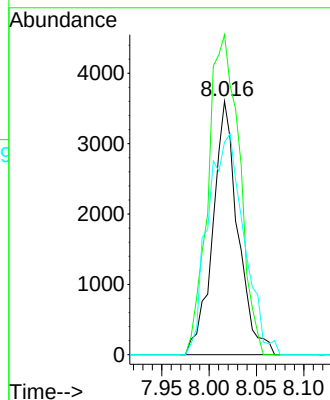


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

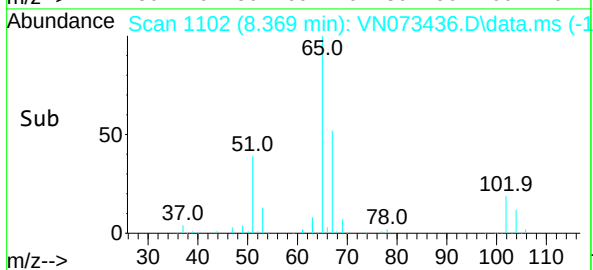
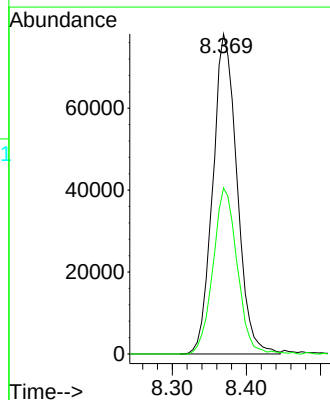
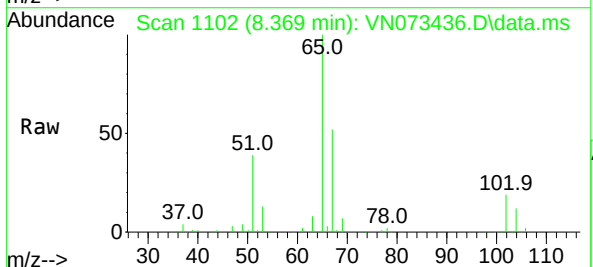


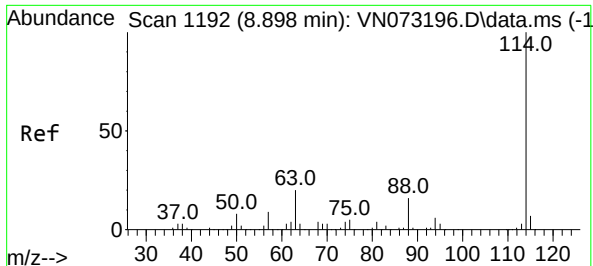
Tgt Ion: 56 Resp: 6668
Ion Ratio Lower Upper
56 100
69 126.2 27.8 41.8#
84 83.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.641 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Tgt Ion: 65 Resp: 177301
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073436.D

Acq: 12 Jul 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-261-281-071122

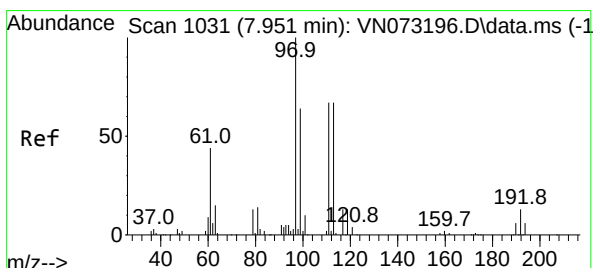
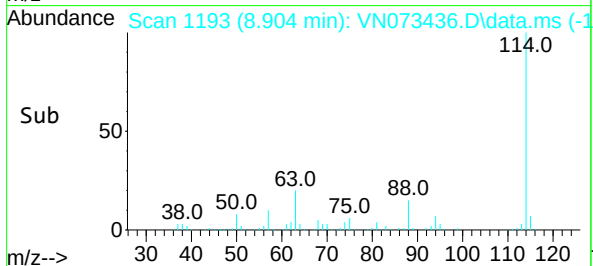
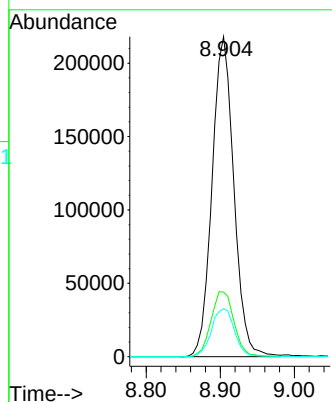
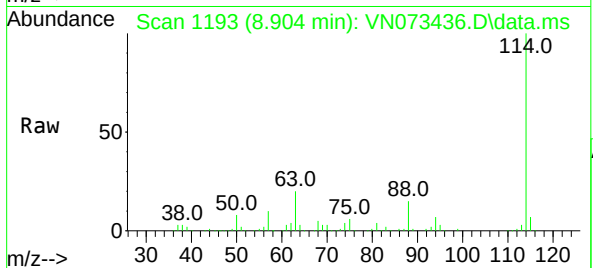
Tgt Ion:114 Resp: 445328

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.471 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073436.D

Acq: 12 Jul 2022 14:57

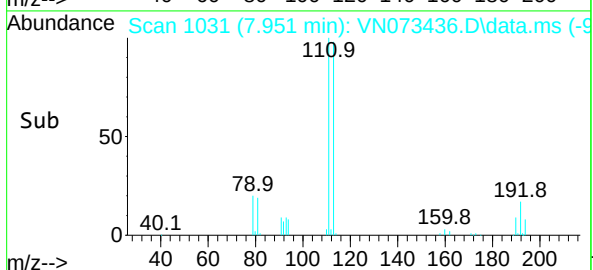
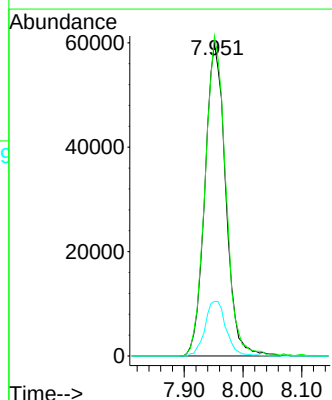
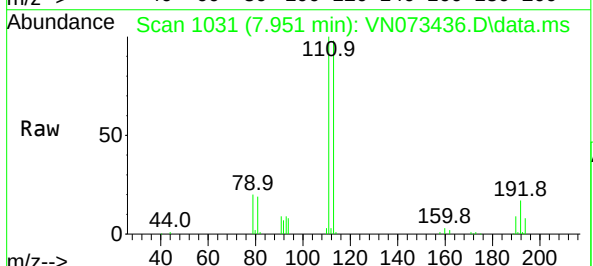
Tgt Ion:113 Resp: 146575

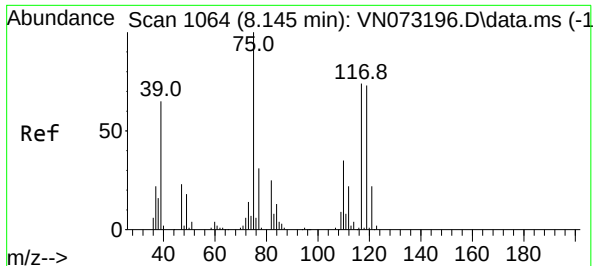
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 17.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073436.D

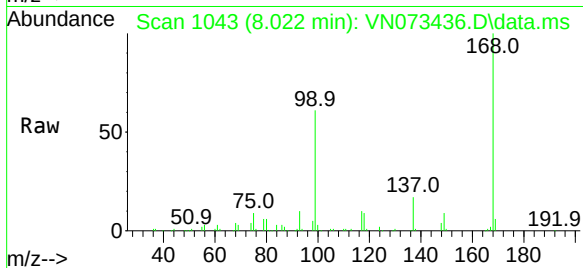
Acq: 12 Jul 2022 14:57

Instrument :

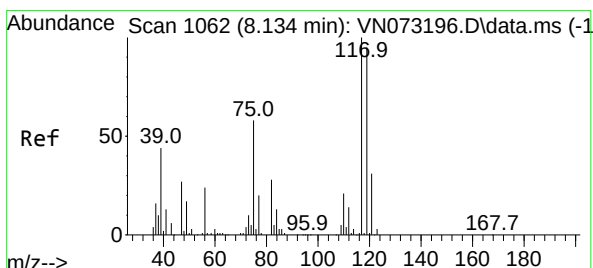
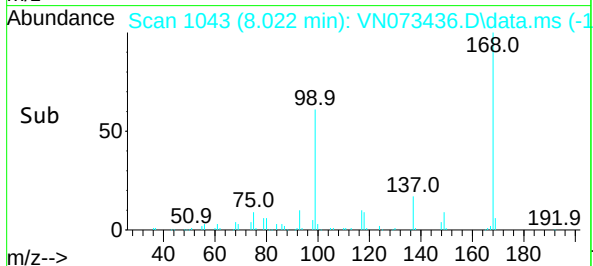
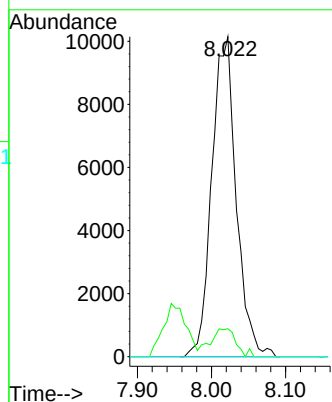
MSVOA_N

ClientSampleId :

GWOW-BR-03-261-281-071122



Tgt Ion: 75	Resp: 23200
Ion Ratio	Lower Upper
75	100
110	8.7 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.907 ug/l

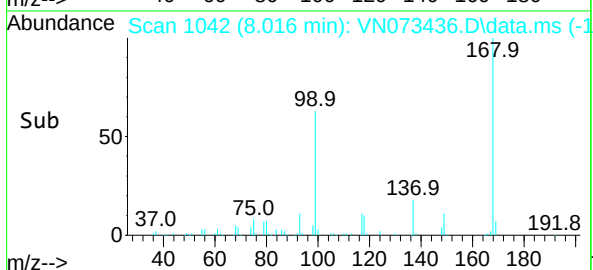
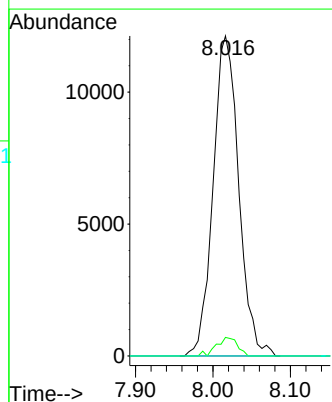
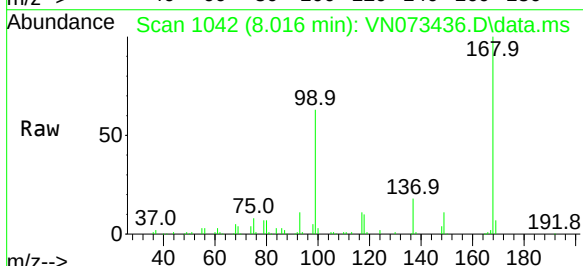
RT: 8.016 min Scan# 1042

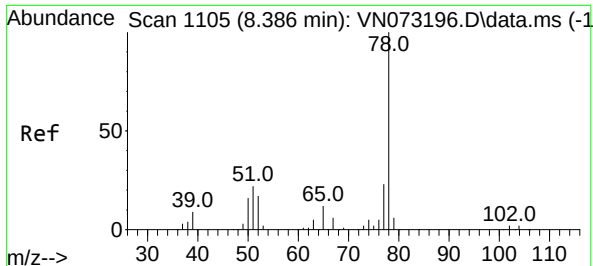
Delta R.T. -0.118 min

Lab File: VN073436.D

Acq: 12 Jul 2022 14:57

Tgt Ion: 117	Resp: 27850
Ion Ratio	Lower Upper
117	100
119	5.8 75.8 113.8#
121	0.0 24.6 37.0#

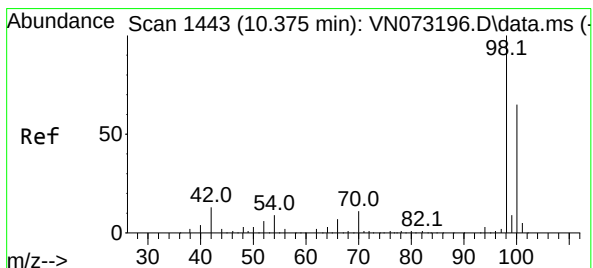
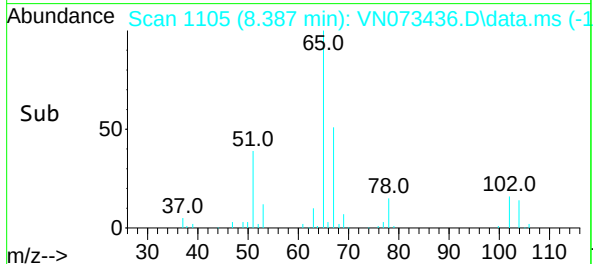
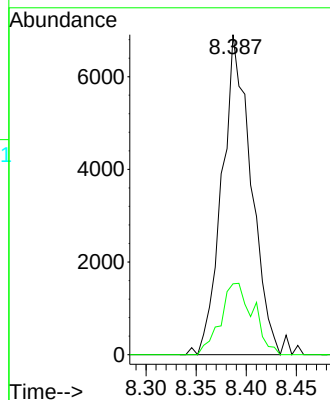
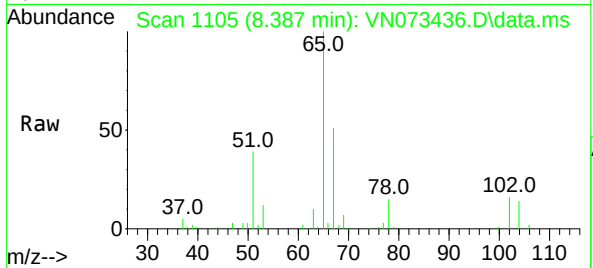




#40
Benzene
Concen: 0.992 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

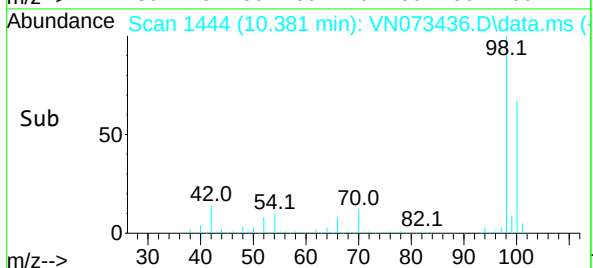
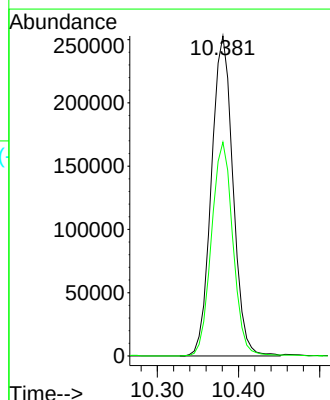
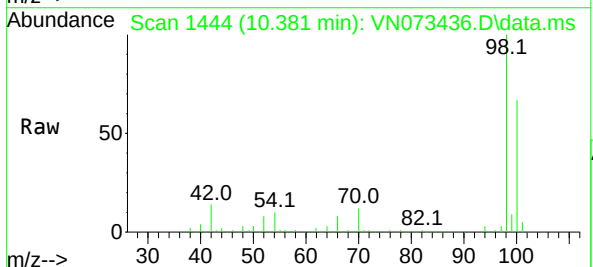
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

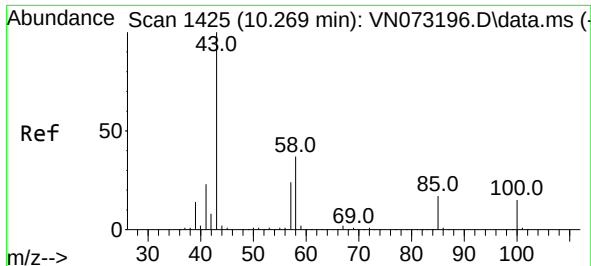
Tgt Ion: 78 Resp: 13961
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0



#50
Toluene-d8
Concen: 44.370 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Tgt Ion: 98 Resp: 466905
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.597 ug/l

RT: 10.275 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VN073436.D

Acq: 12 Jul 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

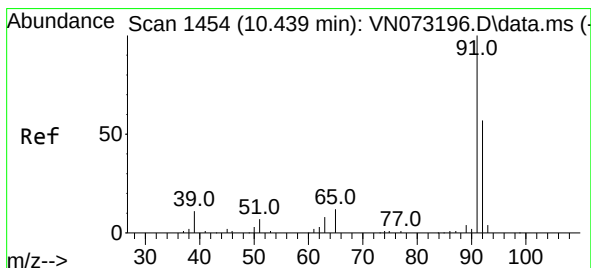
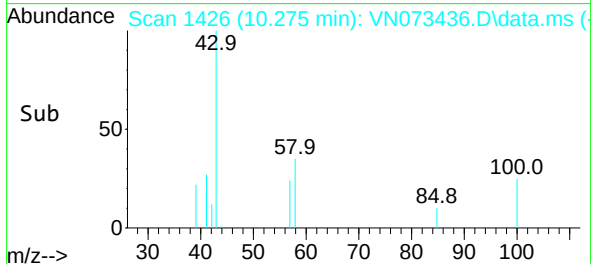
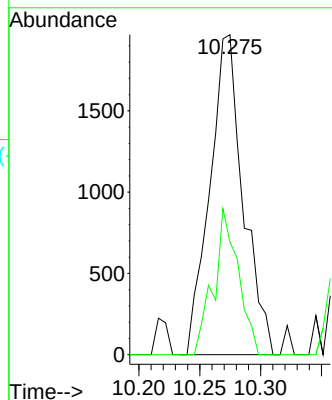
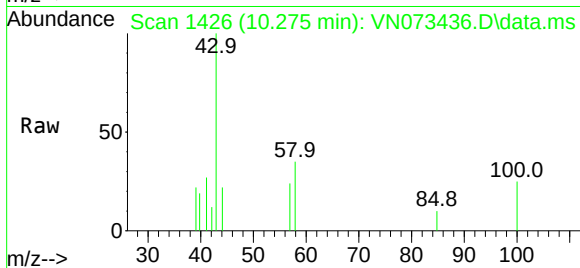
GWOW-BR-03-261-281-071122

Tgt Ion: 43 Resp: 3751

Ion Ratio Lower Upper

43 100

58 33.7 34.1 51.1#



#52

Toluene

Concen: 0.701 ug/l

RT: 10.440 min Scan# 1454

Delta R.T. 0.001 min

Lab File: VN073436.D

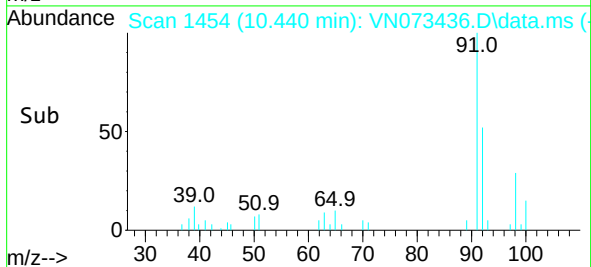
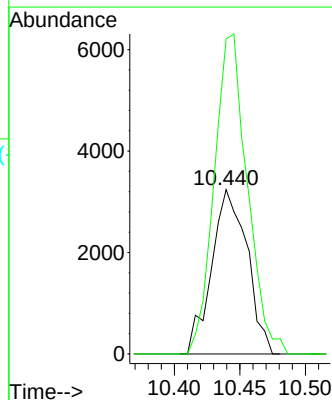
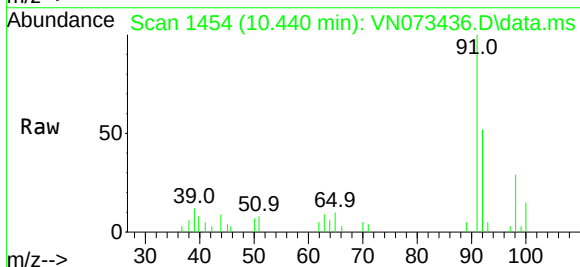
Acq: 12 Jul 2022 14:57

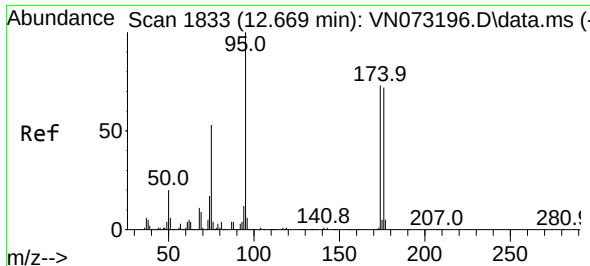
Tgt Ion: 92 Resp: 6094

Ion Ratio Lower Upper

92 100

91 181.8 138.6 207.8

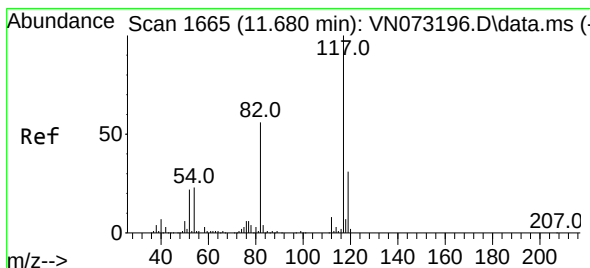
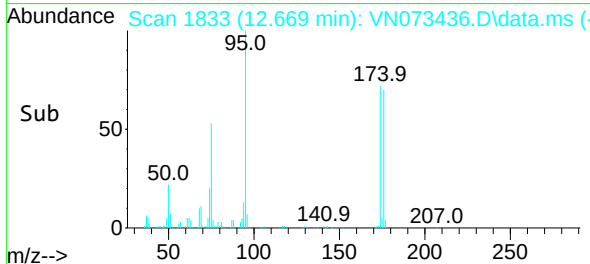
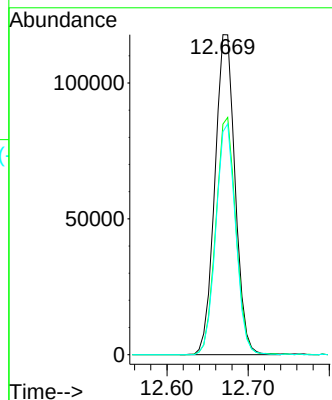
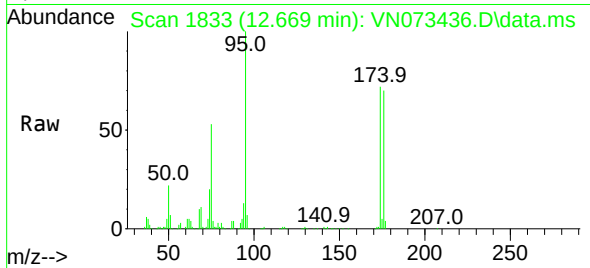




#62
4-Bromofluorobenzene
Concen: 50.475 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

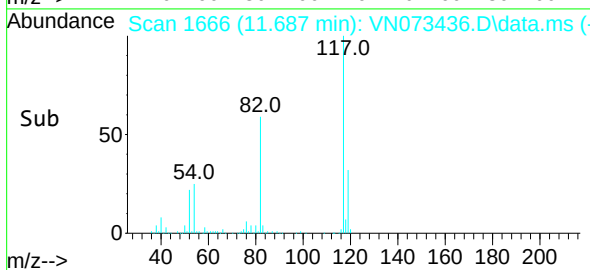
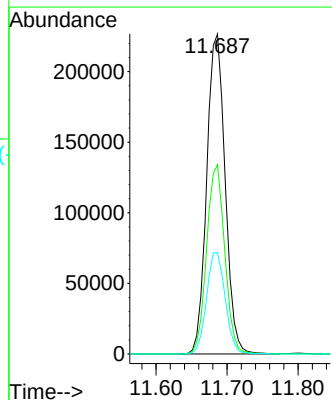
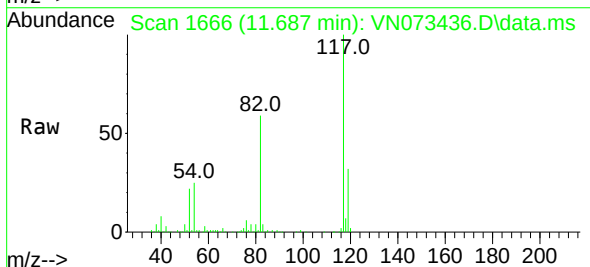
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

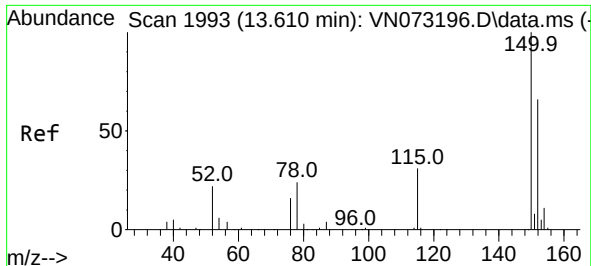
Tgt Ion: 95 Resp: 204118
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 70.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Tgt Ion: 117 Resp: 408650
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 31.6 25.4 38.0

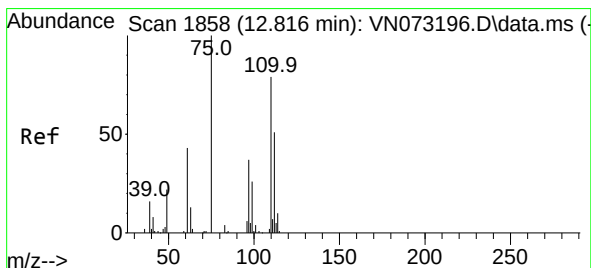
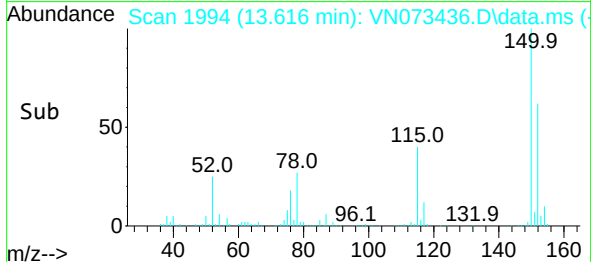
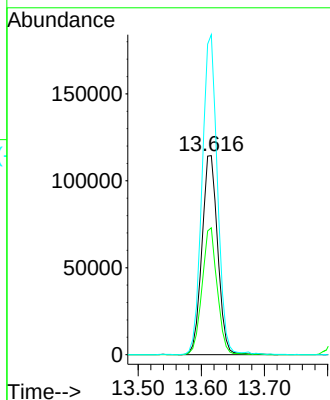
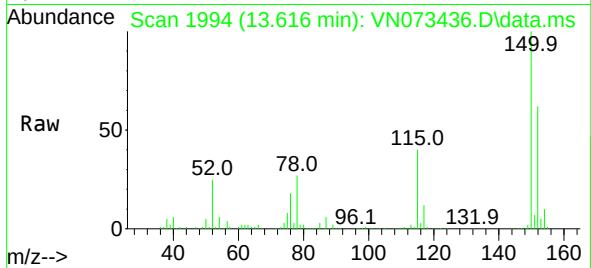




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VN073436.D
 Acq: 12 Jul 2022 14:57

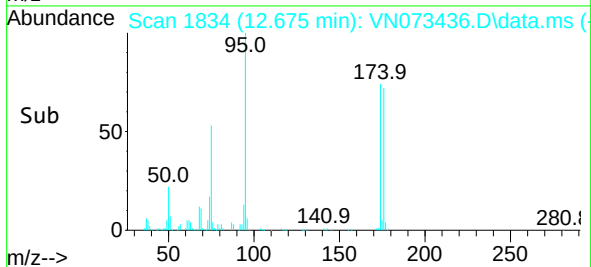
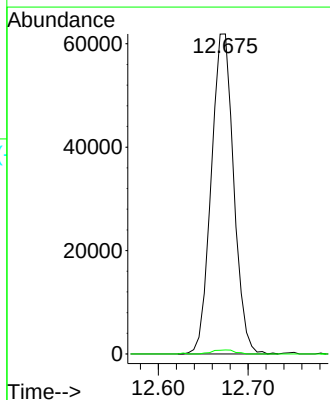
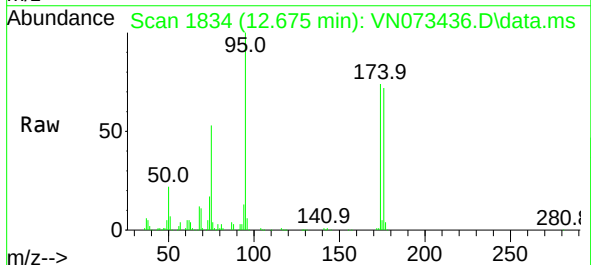
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-261-281-071122

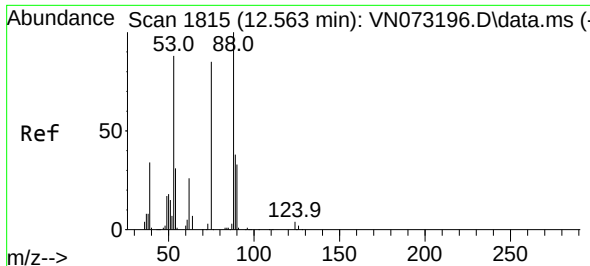
Tgt Ion:152 Resp: 198156
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.9 86.7
 150 157.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.780 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. -0.141 min
 Lab File: VN073436.D
 Acq: 12 Jul 2022 14:57

Tgt Ion: 75 Resp: 107667
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

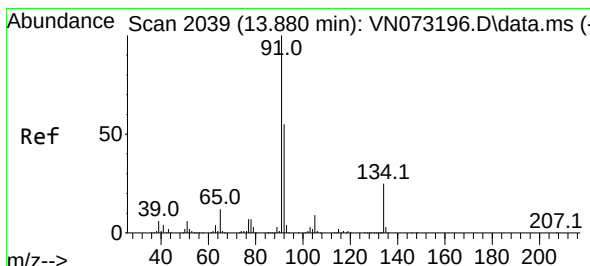
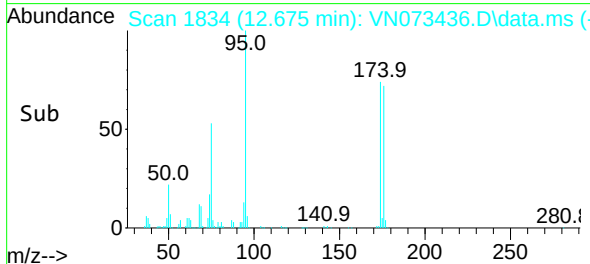
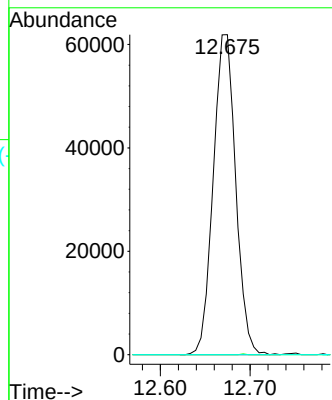
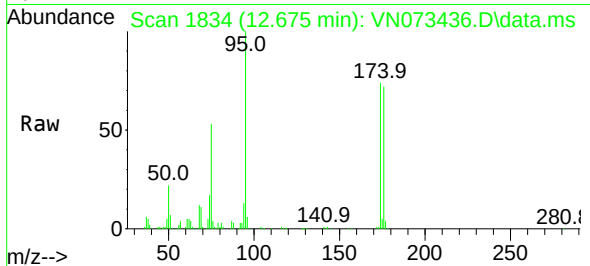




#81
trans-1,4-Dichloro-2-butene
Concen: 56.987 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

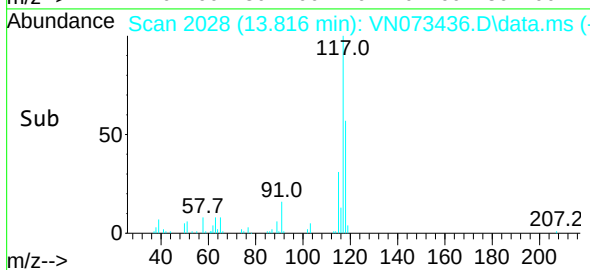
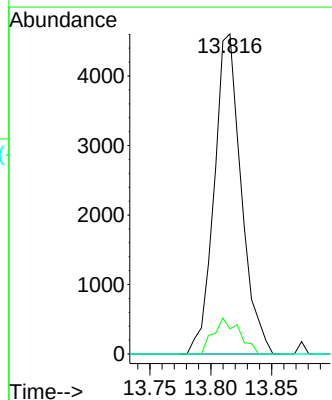
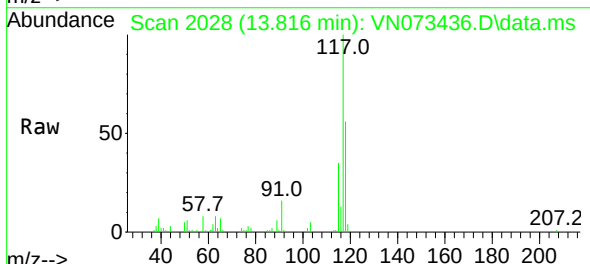
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-261-281-071122

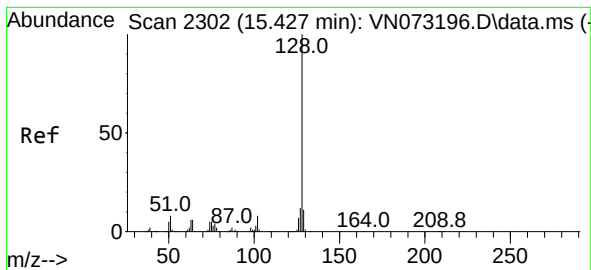
Tgt Ion: 75 Resp: 107667
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#89
n-Butylbenzene
Concen: 0.629 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. -0.064 min
Lab File: VN073436.D
Acq: 12 Jul 2022 14:57

Tgt Ion: 91 Resp: 7111
Ion Ratio Lower Upper
91 100
92 10.8 26.9 80.7#
134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 0.818 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073436.D

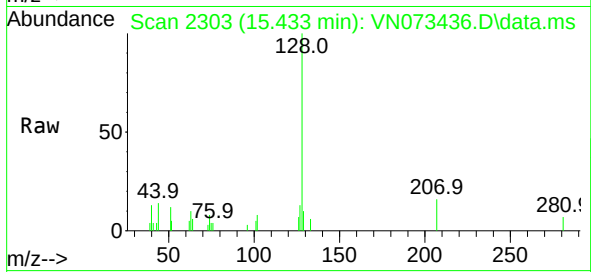
Acq: 12 Jul 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-261-281-071122



Tgt Ion:128 Resp: 12485

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 13.3 8.6 13.0#

