

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067237.D
 Acq On : 5 Jun 2021 17:59
 Operator : JC/MD
 Sample : M2589-40
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18-B12(4-6)

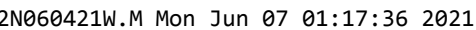
Quant Time: Jun 07 01:17:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

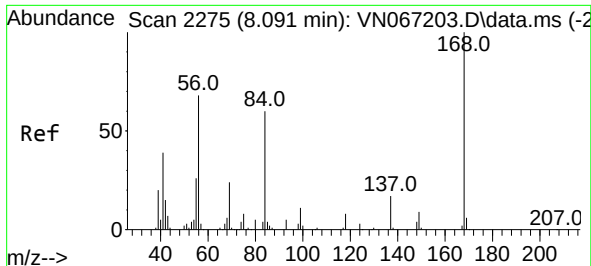
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.091	168	208052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	369920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	373768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	163869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	138014	48.665	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.320%		
35) Dibromofluoromethane	8.027	113	107697	46.962	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.920%		
50) Toluene-d8	10.446	98	494502	52.946	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.900%		
62) 4-Bromofluorobenzene	12.733	95	160908	44.732	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.460%		
Target Compounds						
					Qvalue	
13) Acrolein	4.044	56	80	Below Cal	#	16
16) Acetone	4.293	43	21705	22.180	ug/l	91
17) Carbon Disulfide	4.543	76	3940	0.680	ug/l #	74
20) Methylene Chloride	5.106	84	6262	2.541	ug/l	99
25) 2-Butanone	7.345	43	5708	3.643	ug/l	100
31) Cyclohexane	8.088	56	4969	1.305	ug/l #	27
36) 1,1-Dichloropropene	8.091	75	16833	4.927	ug/l #	49
38) Carbon Tetrachloride	8.086	117	20378	5.462	ug/l #	14
43) Isopropyl Acetate	8.563	43	15677	2.503	ug/l #	83
45) 1,2-Dichloropropane	9.628	63	774	0.293	ug/l #	45
48) Methyl methacrylate	9.545	41	3712	1.368	ug/l #	9
51) 4-Methyl-2-Pentanone	10.336	43	3640	0.992	ug/l	91
54) cis-1,3-Dichloropropene	10.247	75	23630	5.223	ug/l #	68
57) 1,3-Dichloropropane	11.097	76	14105	3.224	ug/l #	42
59) 2-Hexanone	11.095	43	206340	77.362	ug/l #	44
68) m/p-Xylenes	11.948	106	1163	0.202	ug/l #	73
69) o-Xylene	12.286	106	1499	0.267	ug/l	84
71) Bromoform	12.736	173	706	0.283	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	90155	28.609	ug/l #	100
80) 1,3,5-Trimethylbenzene	13.066	105	2650	0.245	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.733	75	90155	69.997	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.372	105	5417	0.504	ug/l	85
90) Hexachloroethane	14.335	117	931	0.477	ug/l #	4
95) Naphthalene	15.509	128	44597	10.004	ug/l	98

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

Quant Time: Jun 07 01:17:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 04 19:00:20 2021
Response via : Initial Calibration

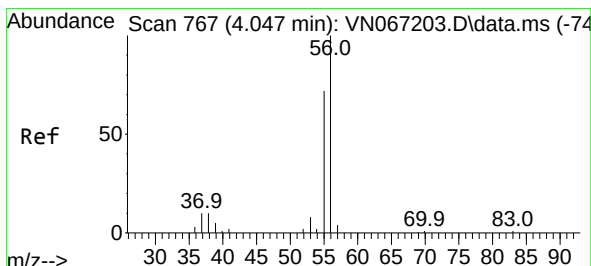
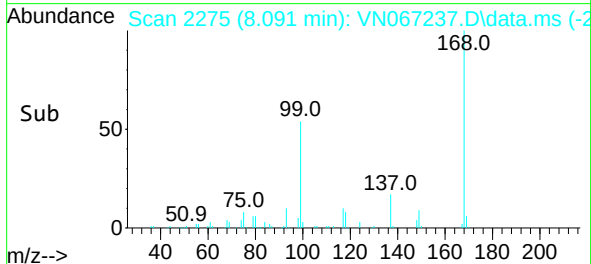
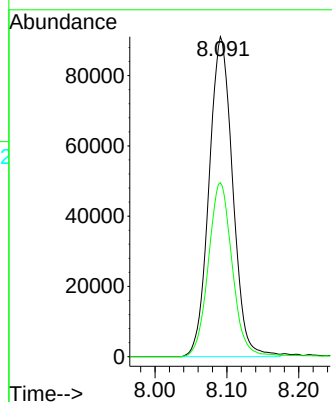
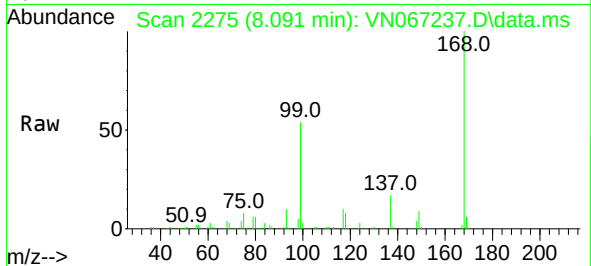




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

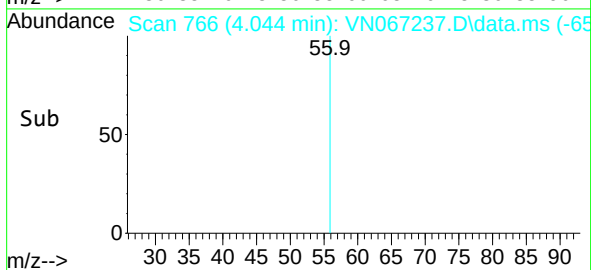
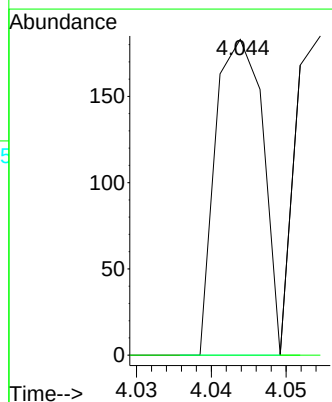
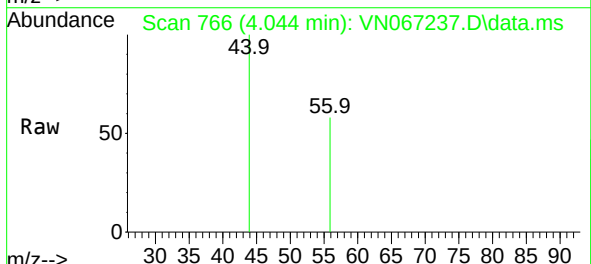
Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

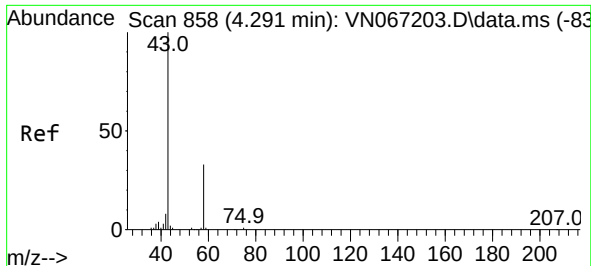
Tgt Ion:168 Resp: 208052
Ion Ratio Lower Upper
168 100
99 54.4 38.5 57.7



#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. -0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.6#

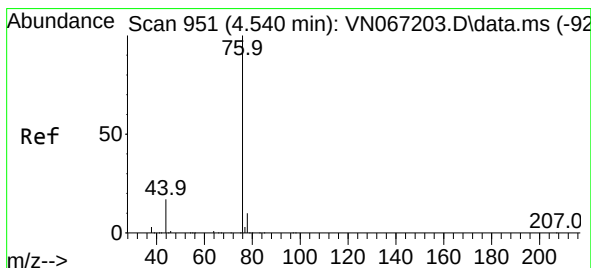
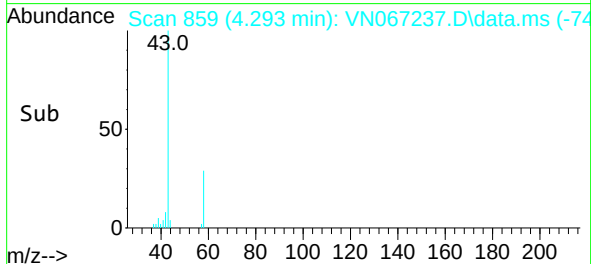
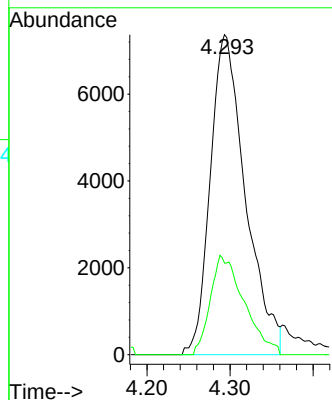
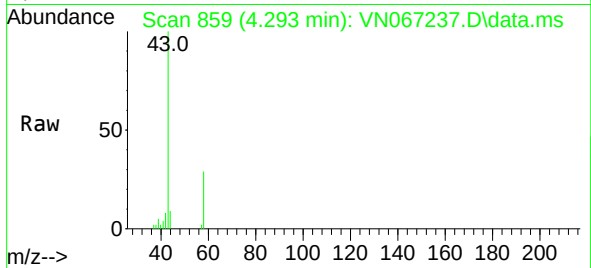




#16
Acetone
Concen: 22.180 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

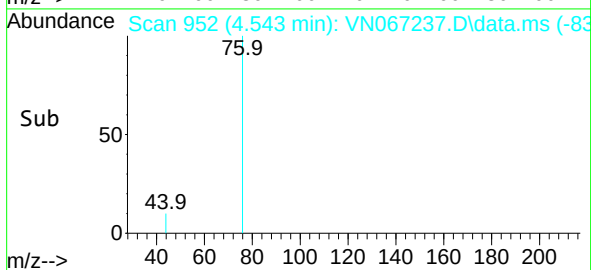
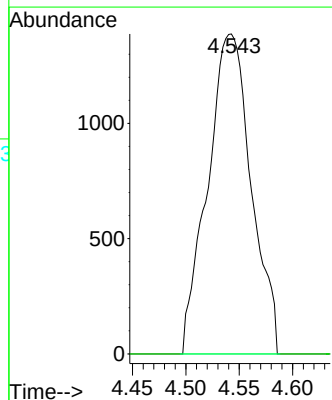
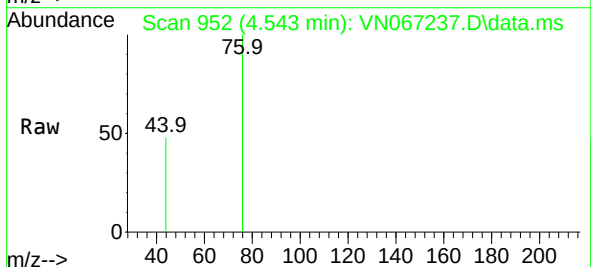
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

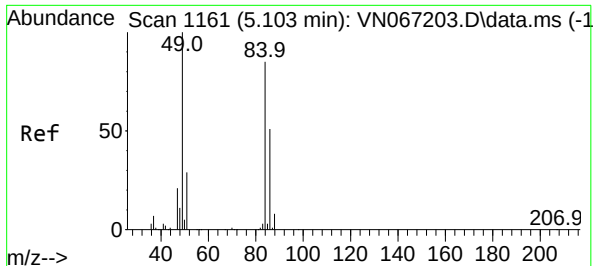
Tgt Ion: 43 Resp: 21705
Ion Ratio Lower Upper
43 100
58 28.6 27.2 40.8



#17
Carbon Disulfide
Concen: 0.680 ug/l
RT: 4.543 min Scan# 952
Delta R.T. 0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

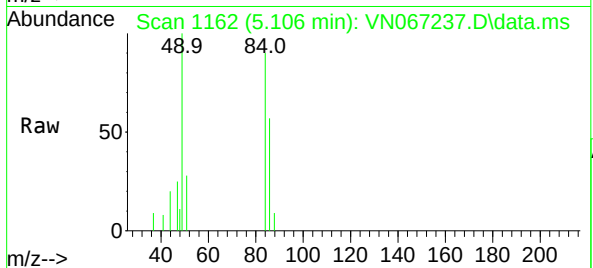
Tgt Ion: 76 Resp: 3940
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



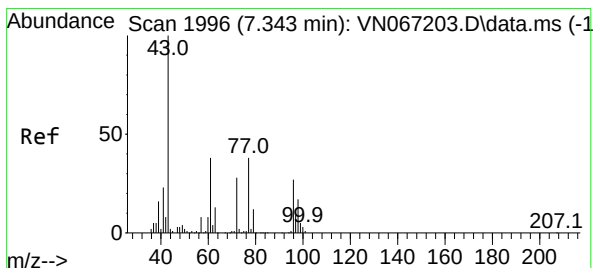
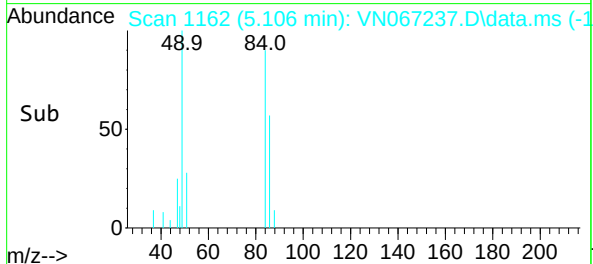
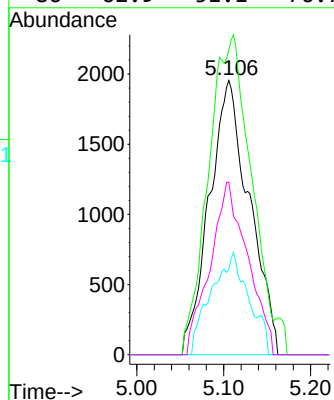


#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

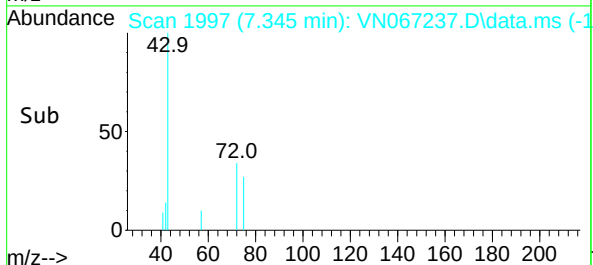
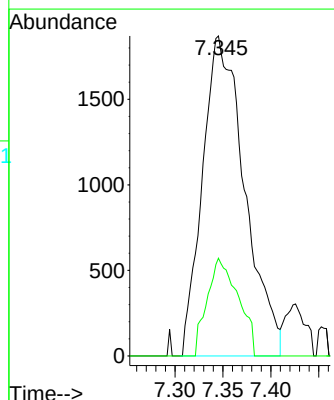
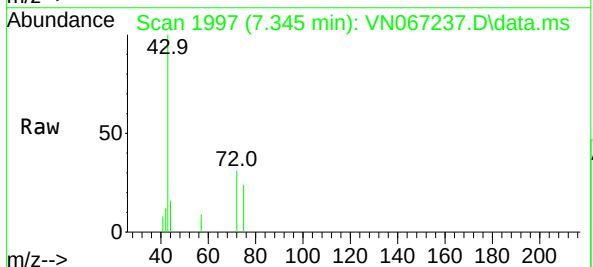


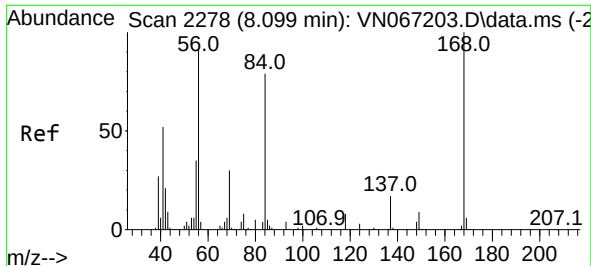
Tgt Ion:	84	Resp:	6262
Ion	Ratio	Lower	Upper
84	100		
49	111.2	88.3	132.5
51	31.3	26.7	40.1
86	62.9	51.1	76.7



#25
2-Butanone
Concen: 3.643 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.002 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

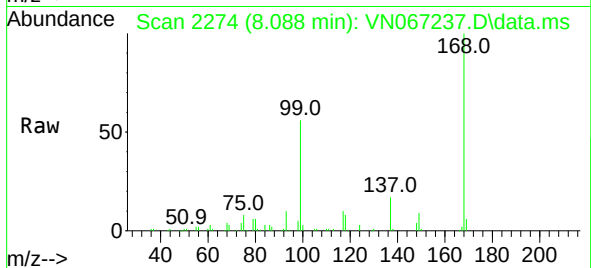
Tgt Ion:	43	Resp:	5708
Ion	Ratio	Lower	Upper
43	100		
72	30.5	24.4	36.6



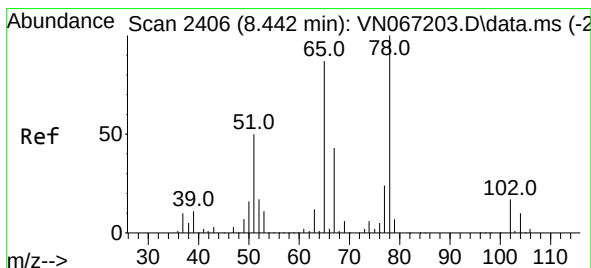
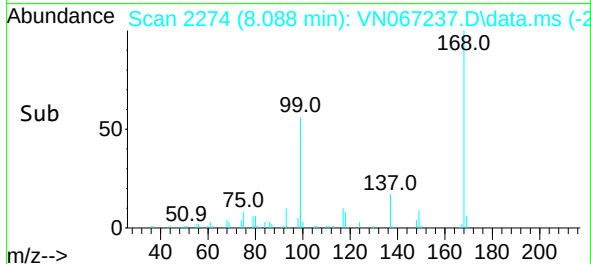
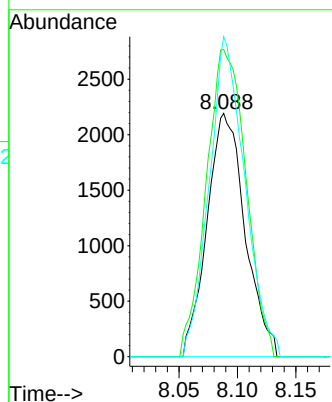


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.011 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

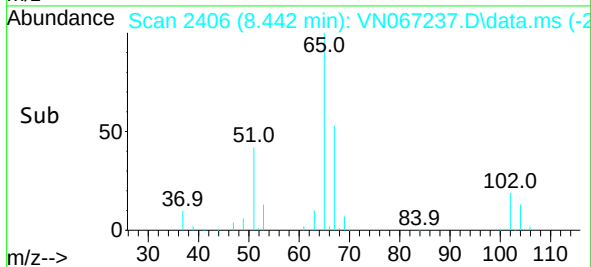
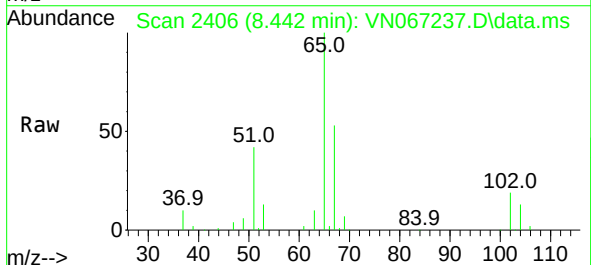
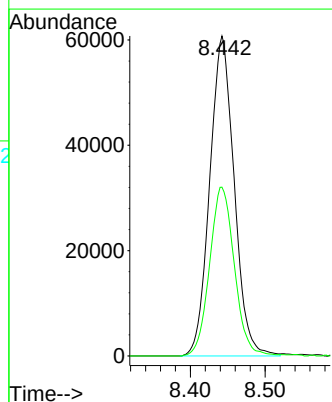


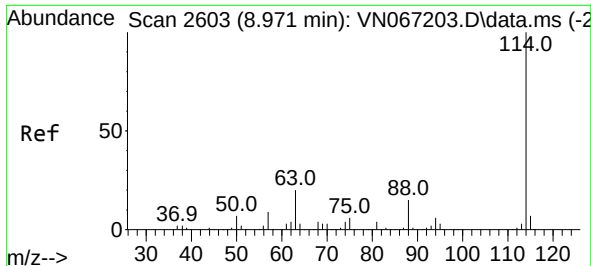
Tgt Ion: 56 Resp: 4969
Ion Ratio Lower Upper
56 100
69 126.3 28.0 42.0#
84 131.5 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 48.665 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 65 Resp: 138014
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.4

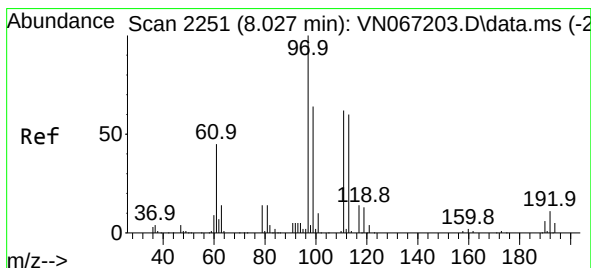
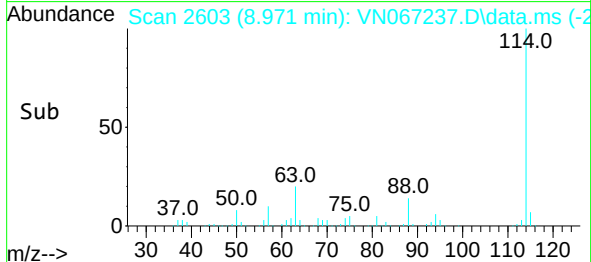
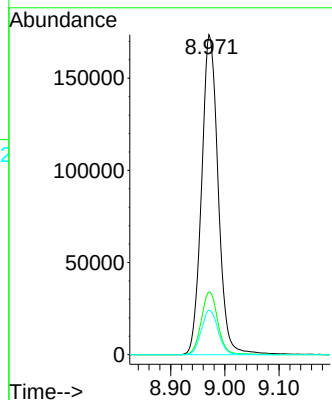
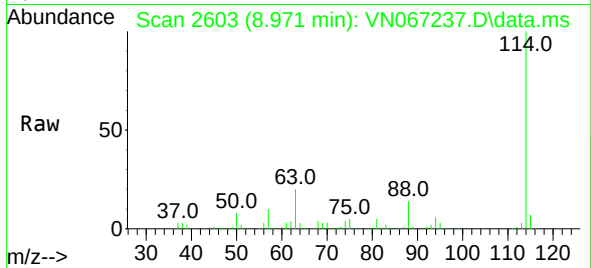




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

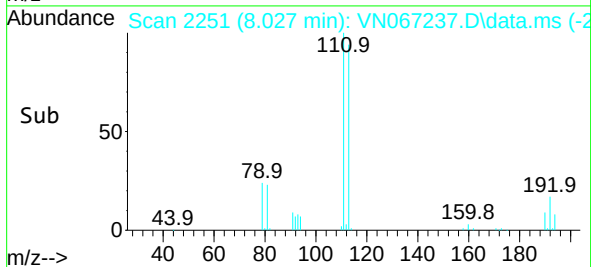
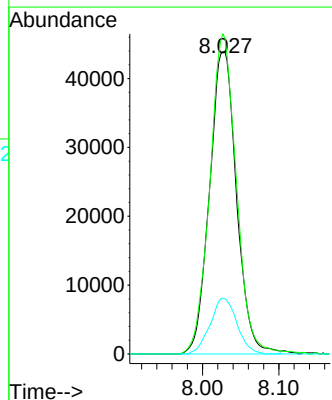
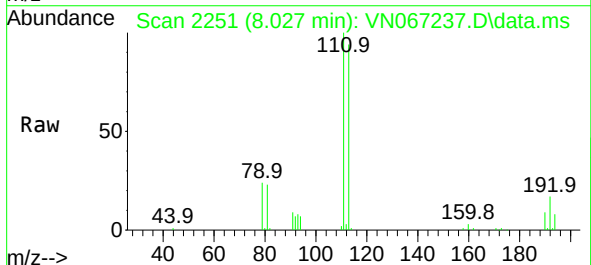
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

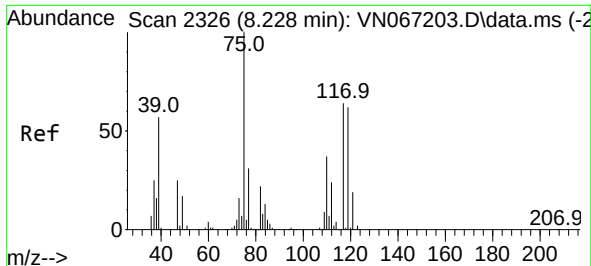
Tgt Ion:114 Resp: 369920
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.8
88 13.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 46.962 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

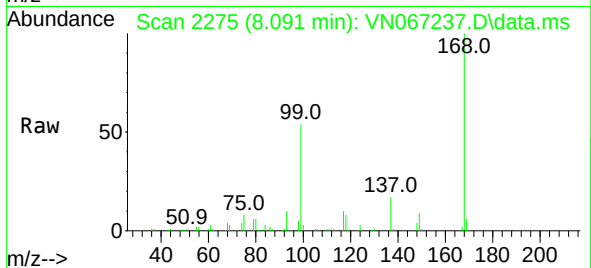
Tgt Ion:113 Resp: 107697
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 18.3 18.2 27.4



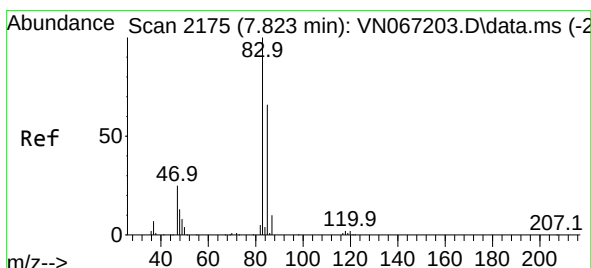
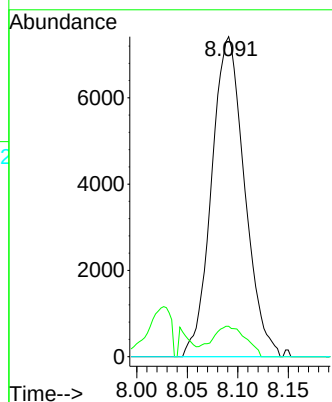
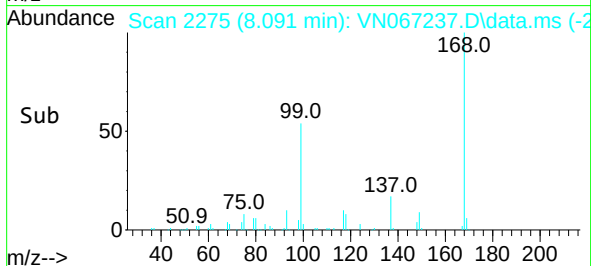


#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.137 min
 Lab File: VN067237.D
 Acq: 5 Jun 2021 17:59

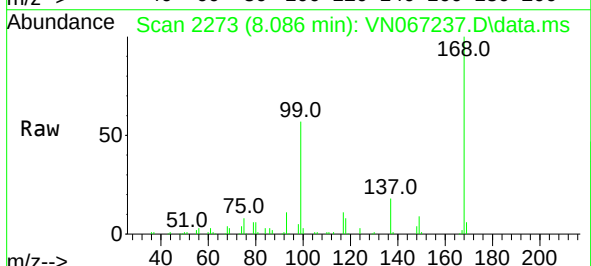
Instrument :
 MSVOA_N
 ClientSampled :
 18-B12(4-6)



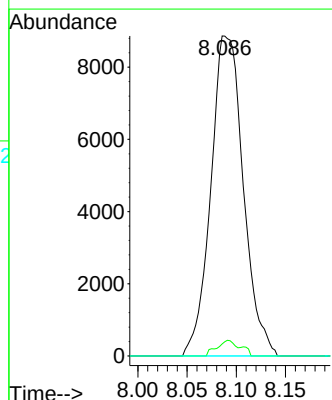
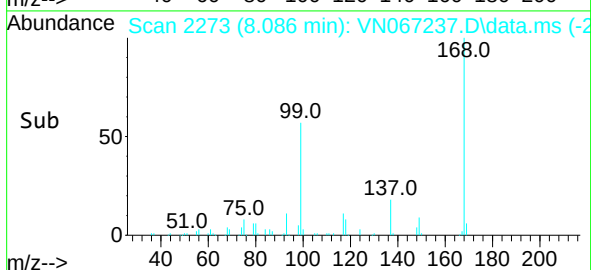
Tgt Ion: 75 Resp: 16833
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.3#
 77 0.0 24.8 37.2#

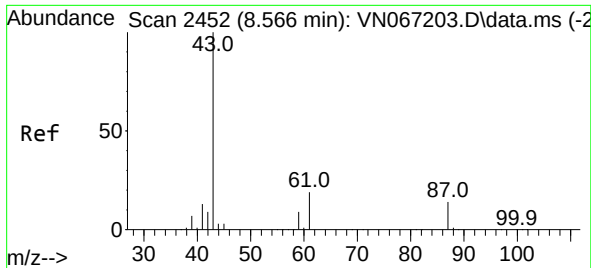


#38
 Carbon Tetrachloride
 Concen: 5.462 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.126 min
 Lab File: VN067237.D
 Acq: 5 Jun 2021 17:59



Tgt Ion: 117 Resp: 20378
 Ion Ratio Lower Upper
 117 100
 119 3.7 78.2 117.2#
 121 0.0 24.7 37.1#

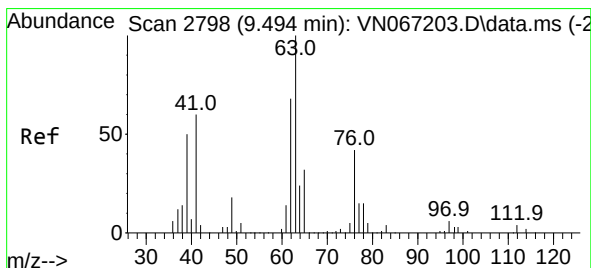
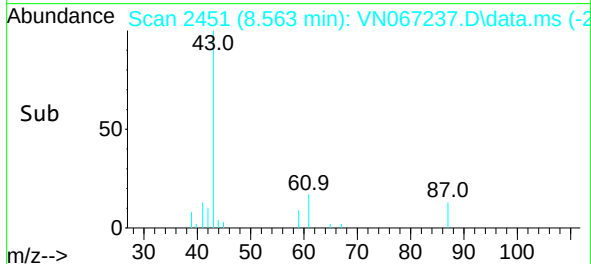
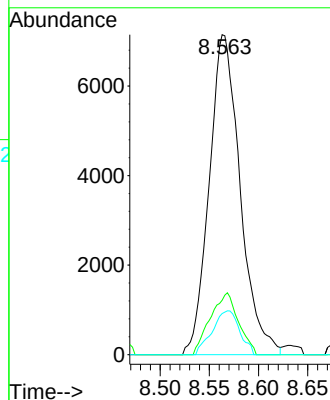
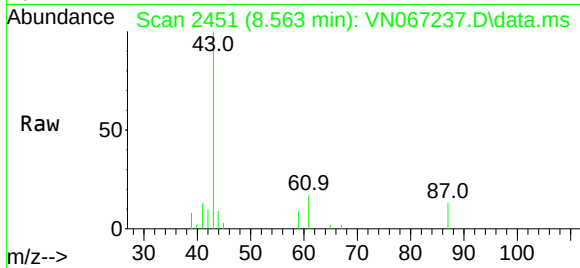




#43
Isopropyl Acetate
Concen: 2.503 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

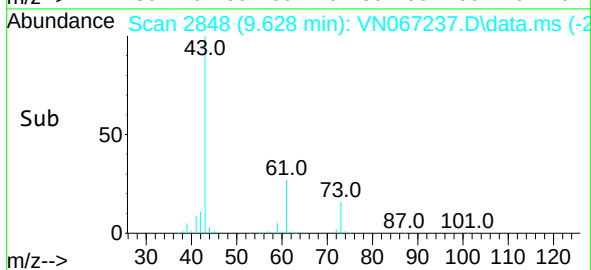
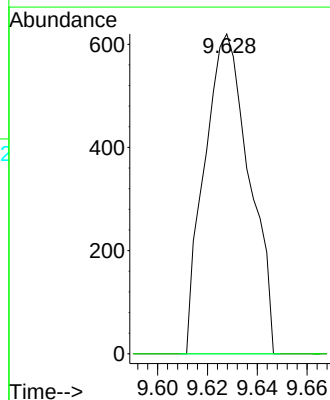
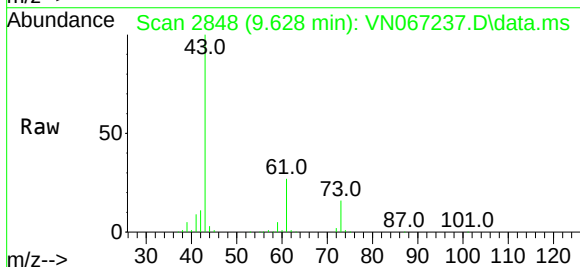
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

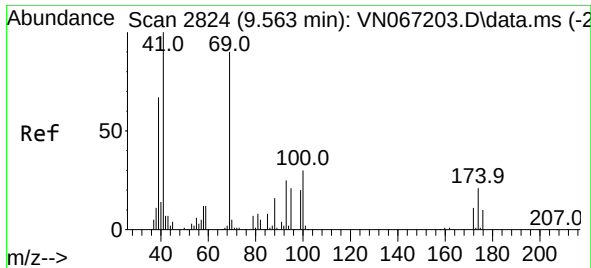
Tgt Ion: 43 Resp: 15677
Ion Ratio Lower Upper
43 100
61 17.6 23.4 35.0#
87 12.1 12.2 18.2#



#45
1,2-Dichloropropane
Concen: 0.293 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.134 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

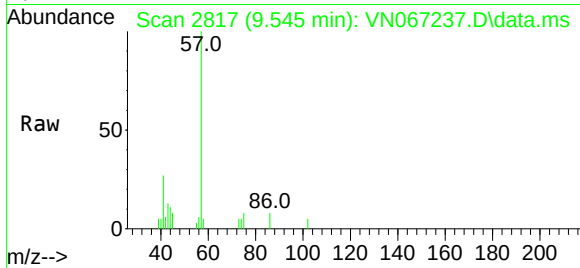
Tgt Ion: 63 Resp: 774
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



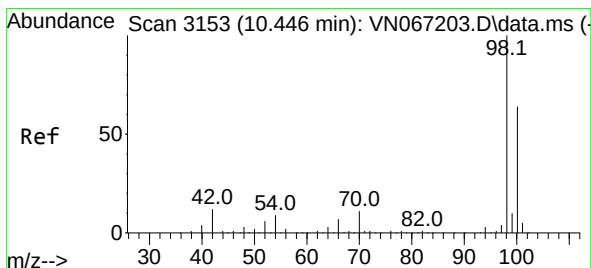
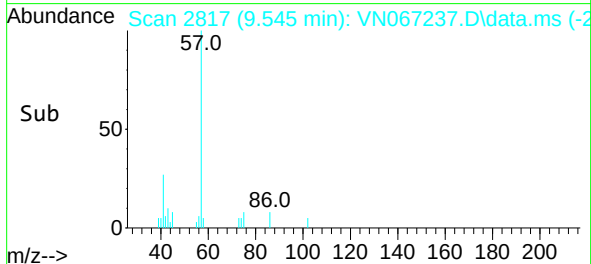
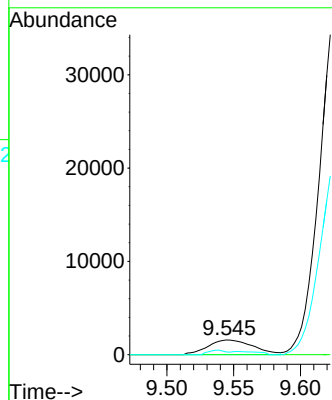


#48
Methyl methacrylate
Concen: 1.368 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.019 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Instrument :
MSVOA_N
ClientSampleId :
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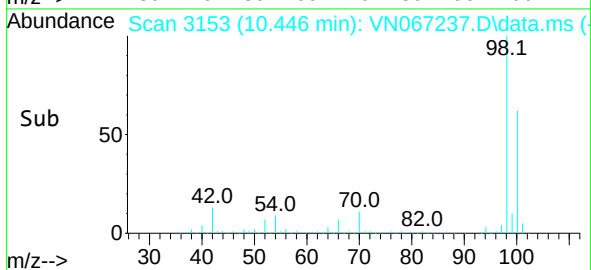
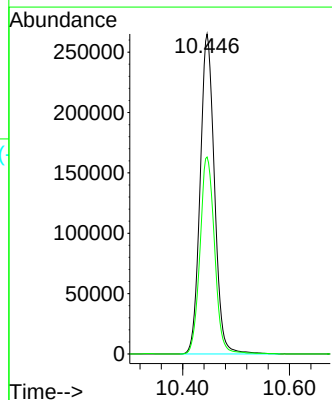
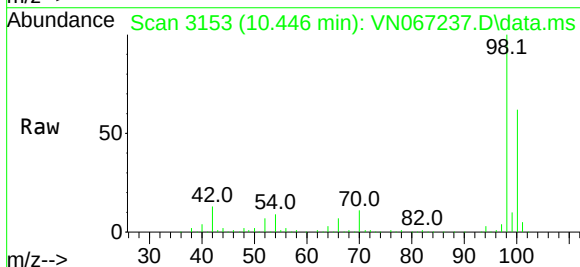


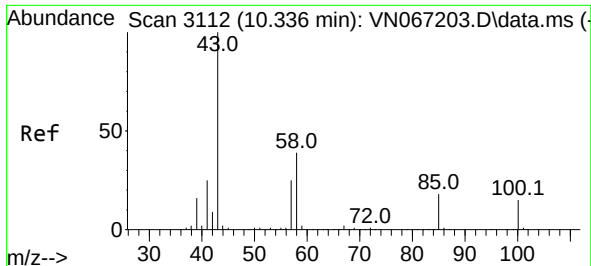
Tgt Ion: 41 Resp: 3712
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 52.946 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 98 Resp: 494502
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8

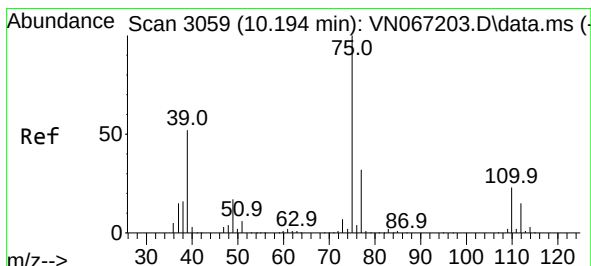
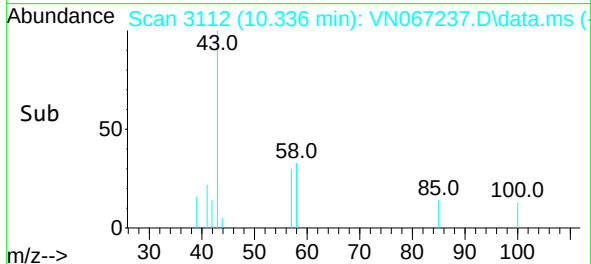
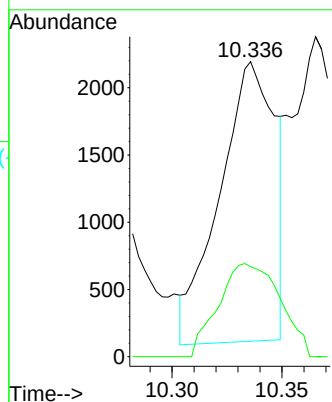
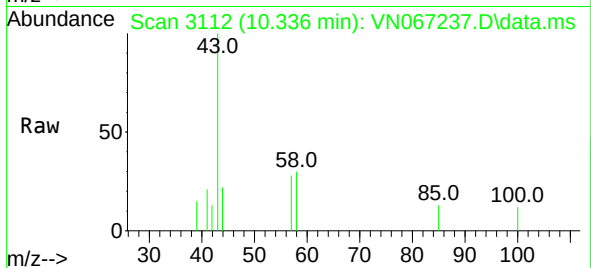




#51
4-Methyl-2-Pentanone
Concen: 0.992 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

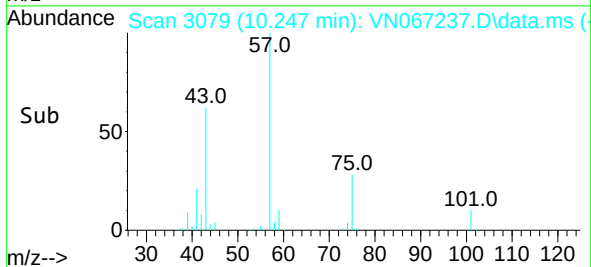
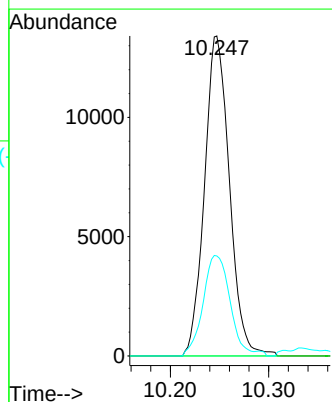
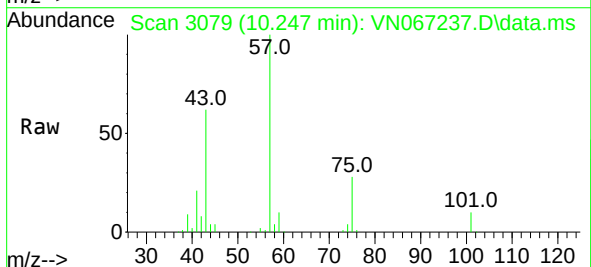
Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

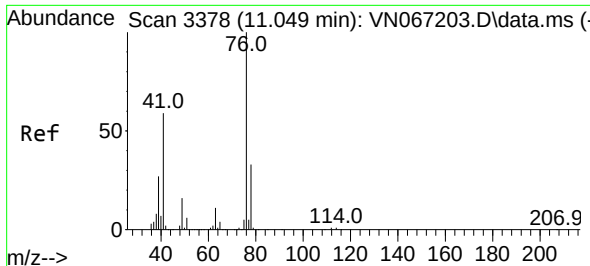
Tgt Ion: 43 Resp: 3640
Ion Ratio Lower Upper
43 100
58 37.2 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 5.223 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 75 Resp: 23630
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 31.2 30.9 46.3

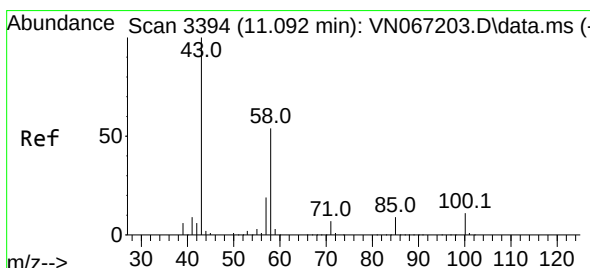
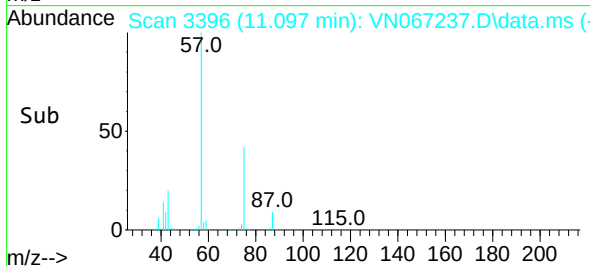
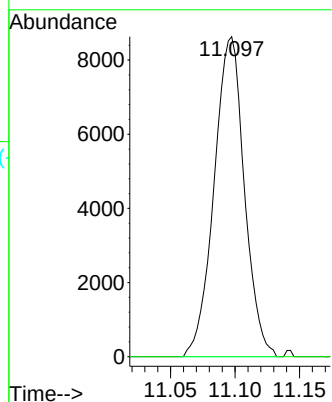
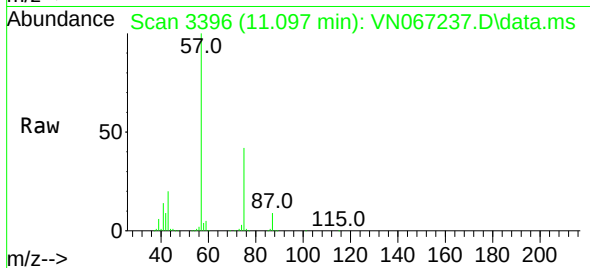




#57
1,3-Dichloropropane
Concen: 3.224 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.048 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

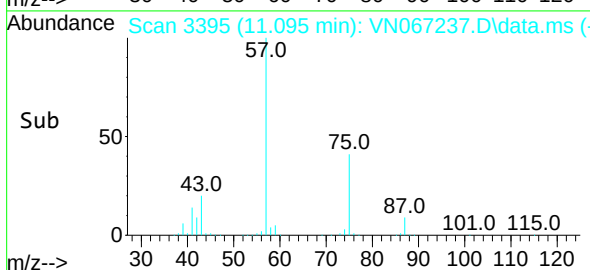
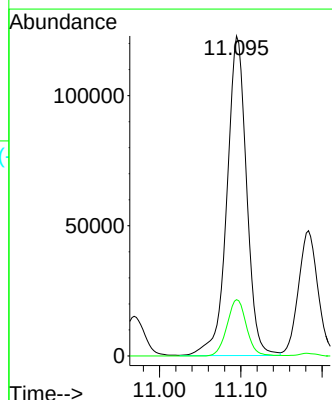
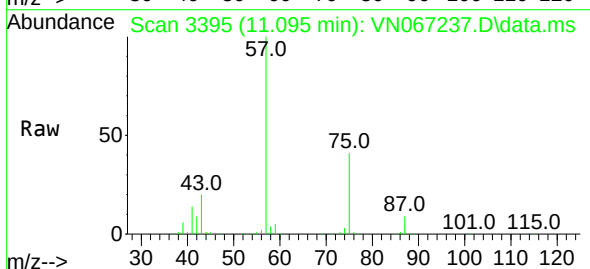
Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

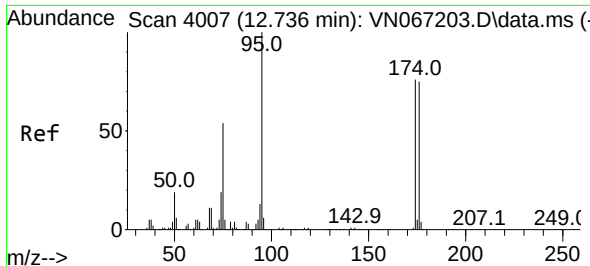
Tgt Ion: 76 Resp: 14105
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 77.362 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 43 Resp: 206340
Ion Ratio Lower Upper
43 100
58 17.5 29.8 89.5#

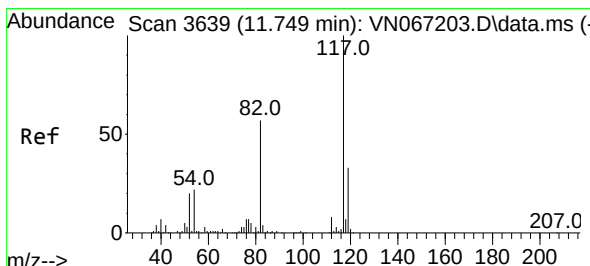
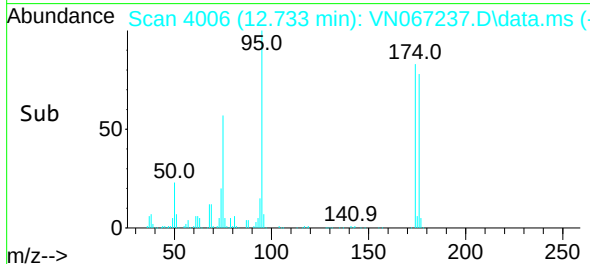
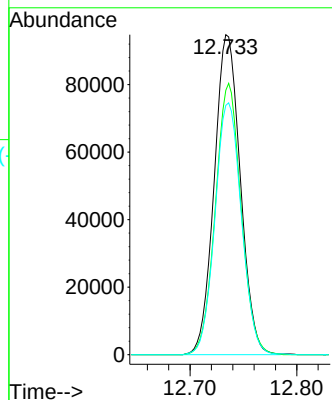
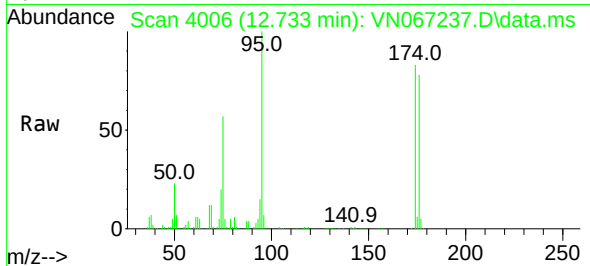




#62
4-Bromofluorobenzene
Concen: 44.732 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

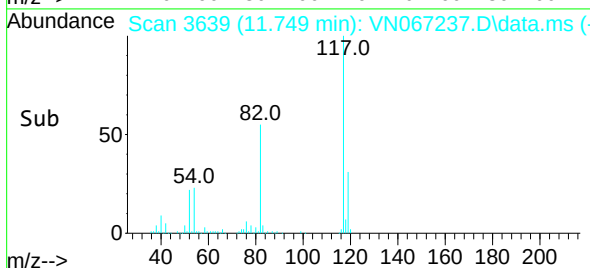
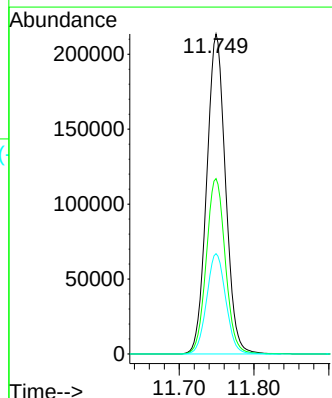
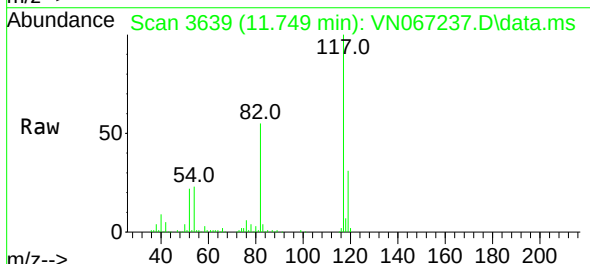
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

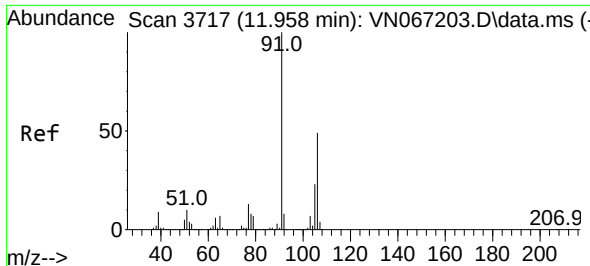
Tgt Ion: 95 Resp: 160908
Ion Ratio Lower Upper
95 100
174 83.7 0.0 182.8
176 79.9 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 117 Resp: 373768
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.2
119 31.4 25.8 38.6

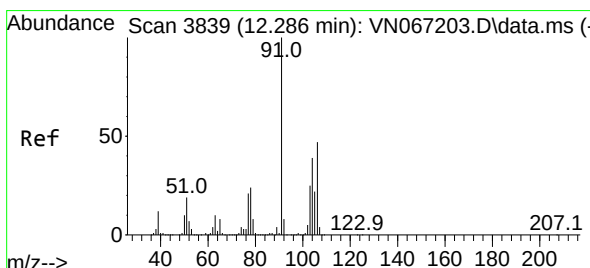
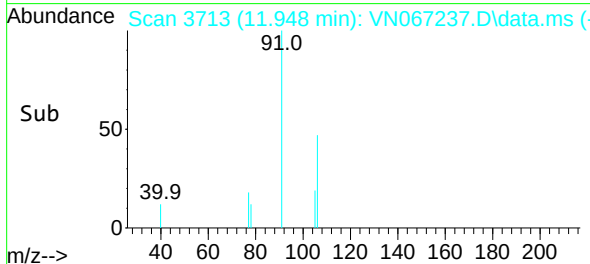
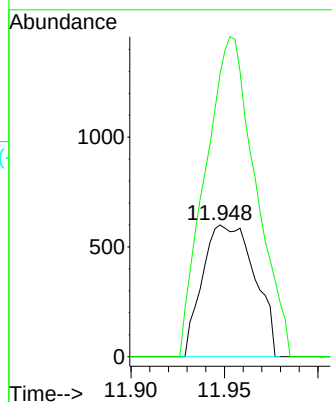
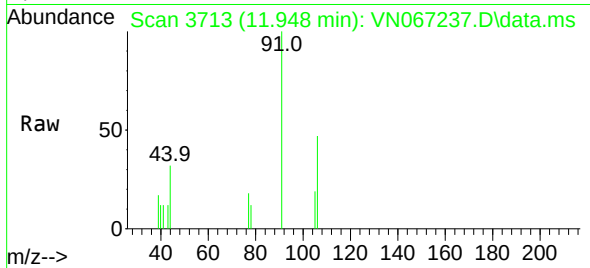




#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.010 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

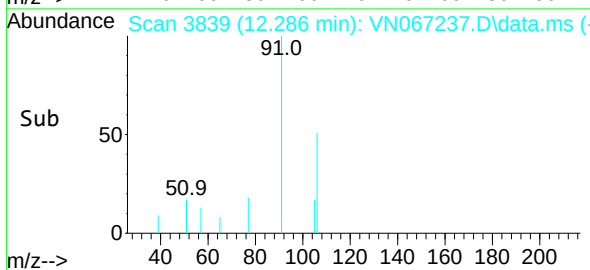
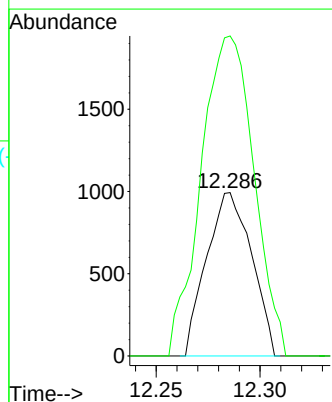
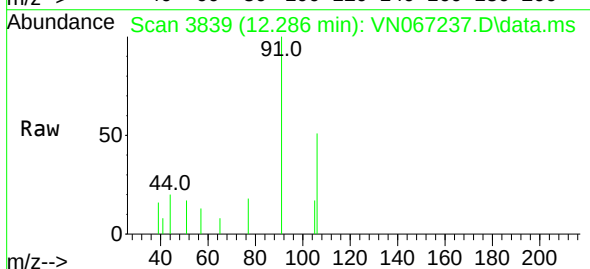
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

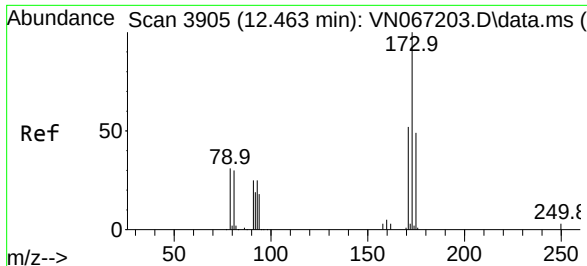
Tgt Ion:106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 234.1 155.2 232.8#



#69
o-Xylene
Concen: 0.267 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion:106 Resp: 1499
Ion Ratio Lower Upper
106 100
91 229.4 102.3 306.8

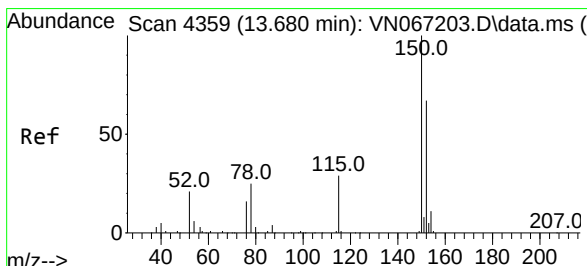
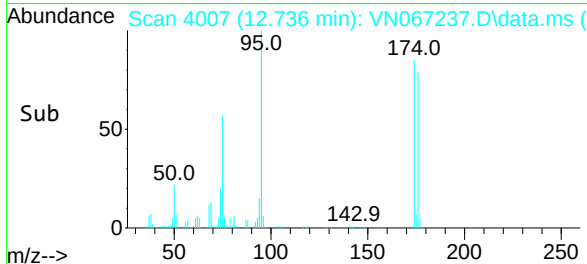
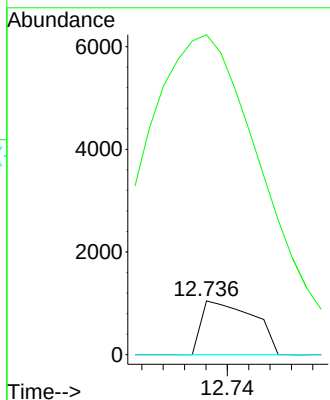
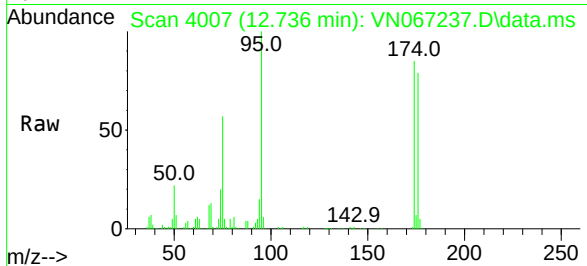




#71
Bromoform
Concen: 0.283 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.274 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

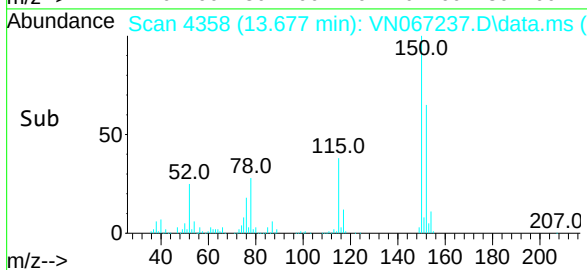
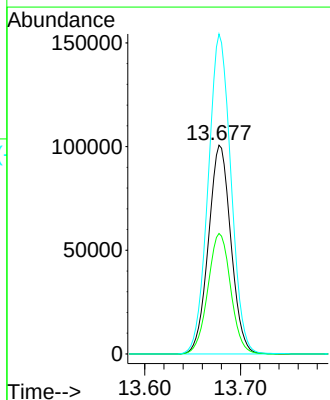
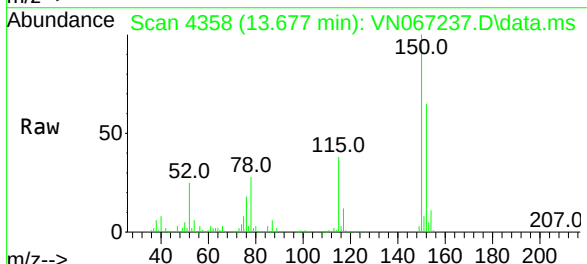
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

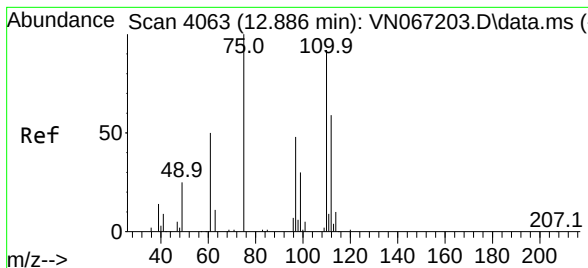
Tgt Ion:173 Resp: 706
Ion Ratio Lower Upper
173 100
175 1376.3 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion:152 Resp: 163869
Ion Ratio Lower Upper
152 100
115 58.6 27.0 80.8
150 155.6 0.0 350.2

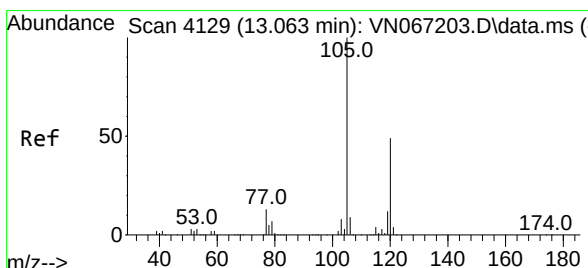
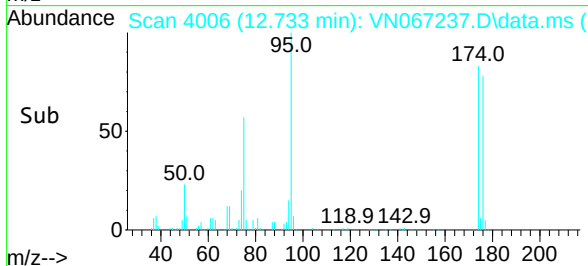
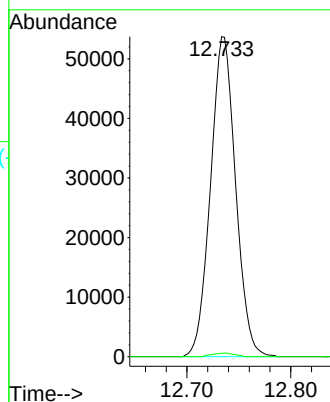
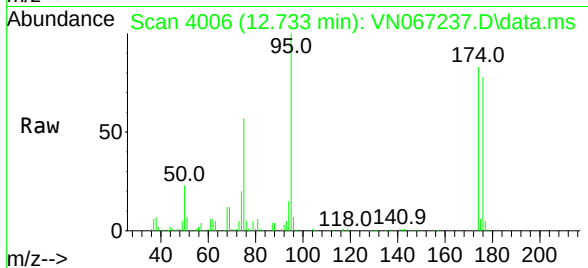




#76
1,2,3-Trichloropropane
Concen: 28.609 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.153 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

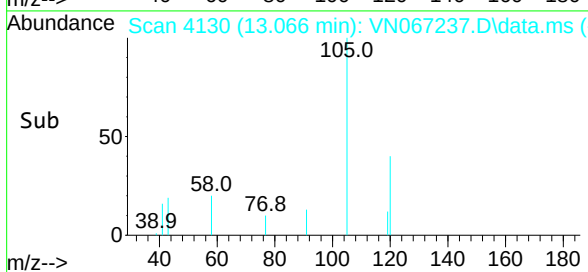
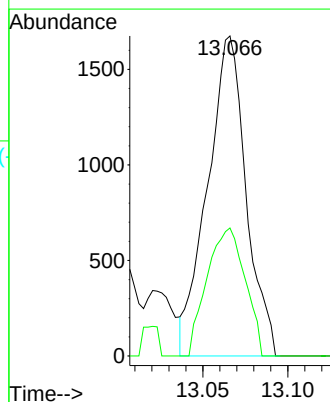
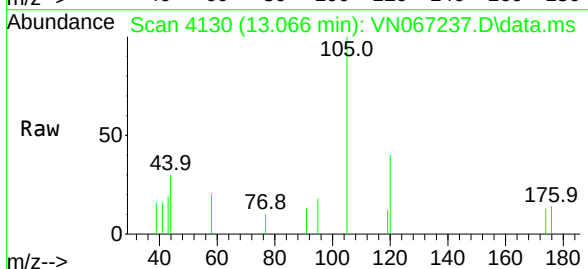
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

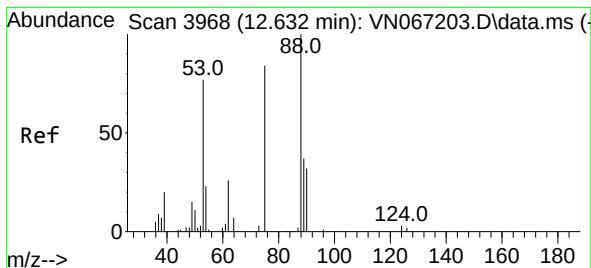
Tgt Ion: 75 Resp: 90155
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.245 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.003 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion: 105 Resp: 2650
Ion Ratio Lower Upper
105 100
120 39.5 25.0 75.0

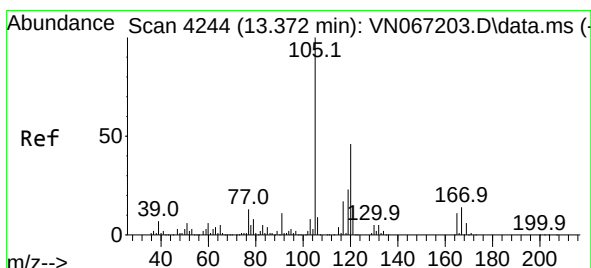
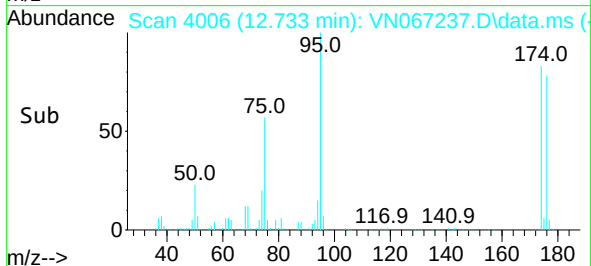
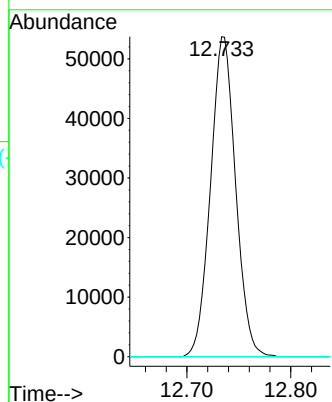
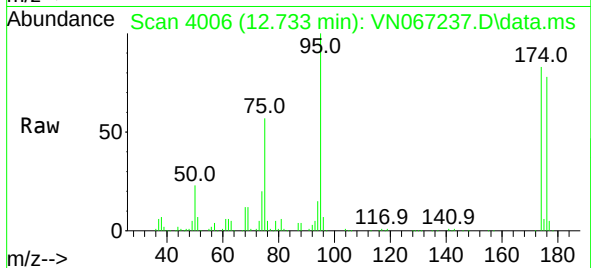




#81
trans-1,4-Dichloro-2-butene
Concen: 69.997 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.102 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

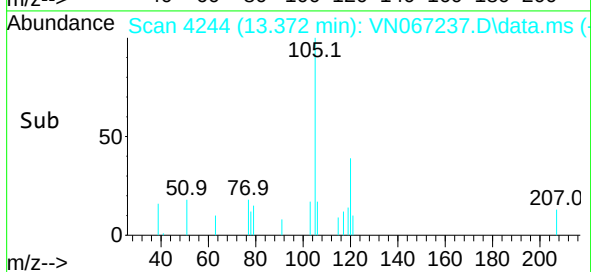
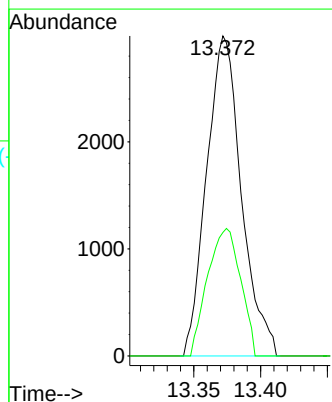
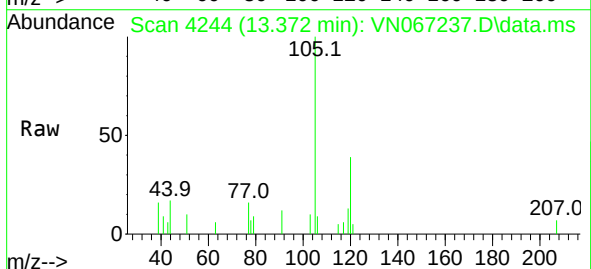
Instrument :
MSVOA_N
ClientSampleId :
18-B12(4-6)

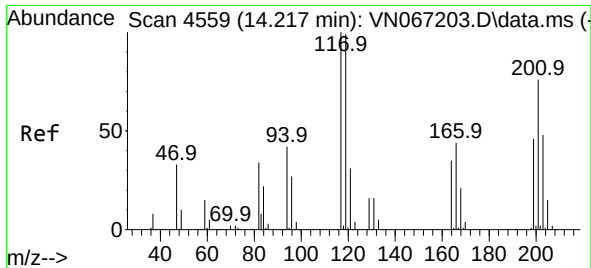
Tgt Ion: 75 Resp: 90155
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.504 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion:105 Resp: 5417
Ion Ratio Lower Upper
105 100
120 37.7 23.8 71.2

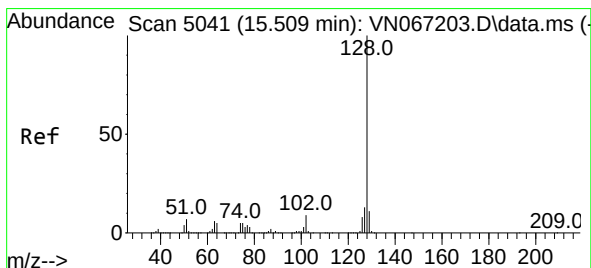
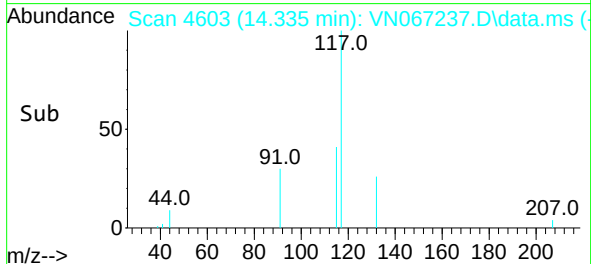
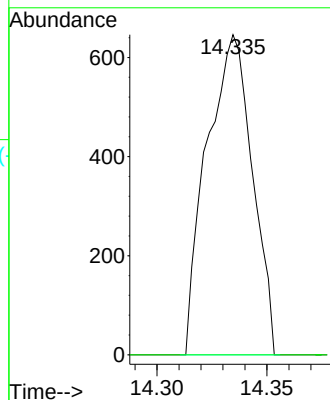
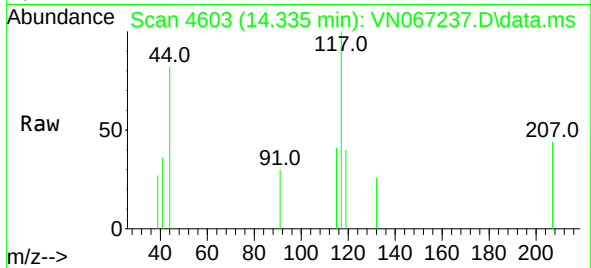




#90
Hexachloroethane
Concen: 0.477 ug/l
RT: 14.335 min Scan# 4603
Delta R.T. 0.118 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Instrument :
MSVOA_N
ClientSampled :
18-B12(4-6)

Tgt Ion:117 Resp: 931
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#



#95
Naphthalene
Concen: 10.004 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067237.D
Acq: 5 Jun 2021 17:59

Tgt Ion:128 Resp: 44597
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.3 8.6 13.0

