

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067837.D
 Acq On : 21 Jul 2021 14:36
 Operator : JC/MD
 Sample : M3038-01
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 15:11:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

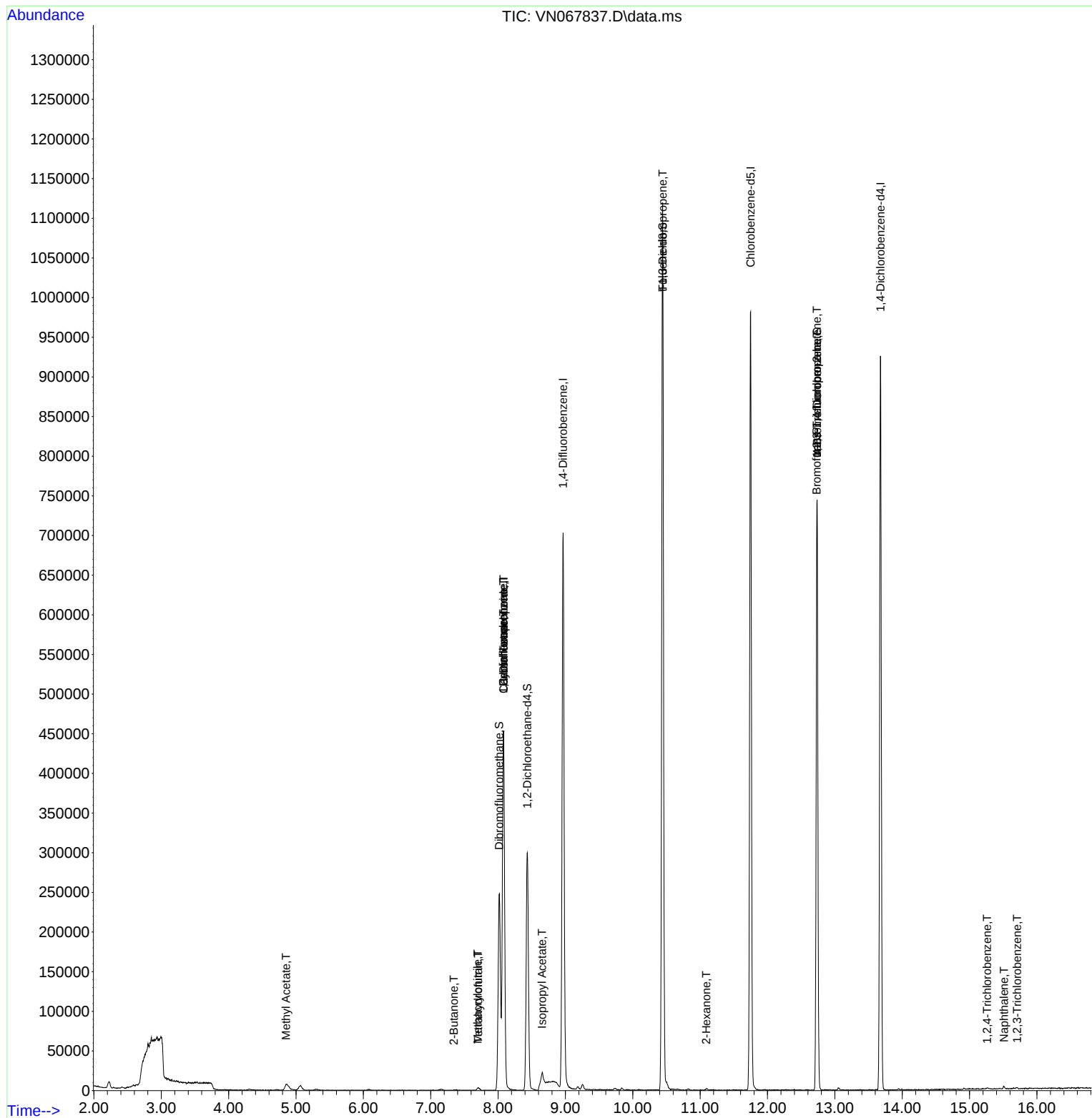
Internal Standards						
1) Pentafluorobenzene	8.080	168	331563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	620622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	564567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	235015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	258198	51.527	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.060%		
35) Dibromofluoromethane	8.016	113	181881	48.506	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.020%		
50) Toluene-d8	10.443	98	775657	49.420	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.840%		
62) 4-Bromofluorobenzene	12.736	95	256376	46.241	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 92.480%		
Target Compounds						
						Qvalue
5) Bromomethane	2.802	94	1243	Below Cal	#	44
6) Chloroethane	2.995	64	1009	Below Cal	#	58
7) Trichlorofluoromethane	3.081	101	26	Below Cal	#	18
13) Acrolein	4.036	56	240	Below Cal	#	59
18) Methyl Acetate	4.851	43	6861	1.549	ug/l #	87
20) Methylene Chloride	5.055	84	2220	Below Cal		88
25) 2-Butanone	7.343	43	528	0.202	ug/l #	51
29) Tetrahydrofuran	7.702	42	1482	0.861	ug/l #	77
31) Cyclohexane	8.080	56	8943	1.273	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	29126	5.052	ug/l #	52
38) Carbon Tetrachloride	8.083	117	36843	6.479	ug/l #	16
41) Methacrylonitrile	7.697	41	679	0.237	ug/l #	49
43) Isopropyl Acetate	8.654	43	21174	2.155	ug/l #	58
53) t-1,3-Dichloropropene	10.443	75	97	1.757	ug/l #	14
59) 2-Hexanone	11.092	43	1311	0.311	ug/l	75
71) Bromoform	12.731	173	269	3.245	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	145417	30.299	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	145417	97.686	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	250	2.735	ug/l #	30
95) Naphthalene	15.512	128	2896	3.249	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.705	180	675	2.803	ug/l #	48

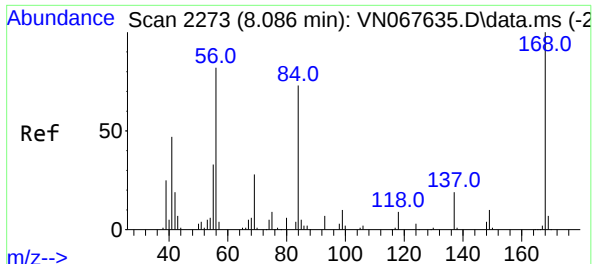
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
Data File : VN067837.D
Acq On : 21 Jul 2021 14:36
Operator : JC/MD
Sample : M3038-01
Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 21 15:11:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

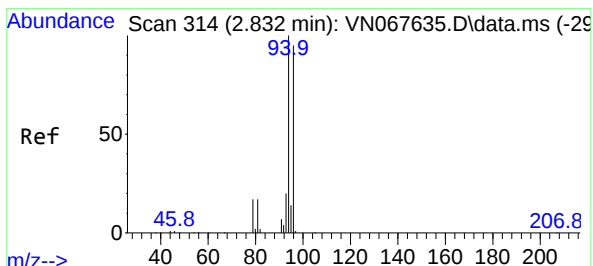
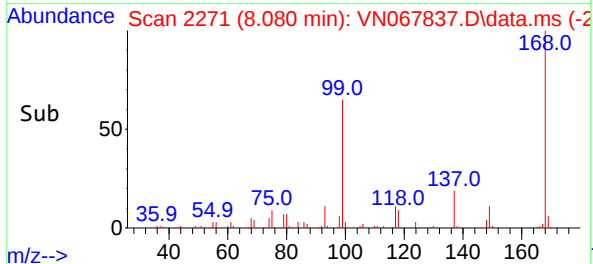
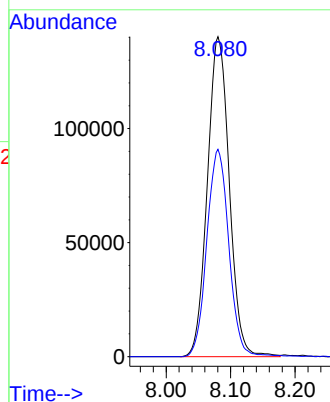
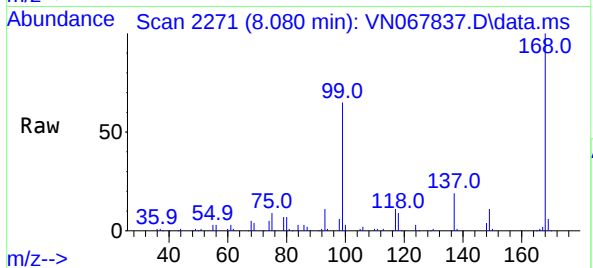




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

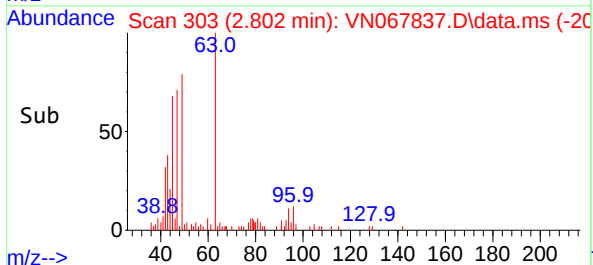
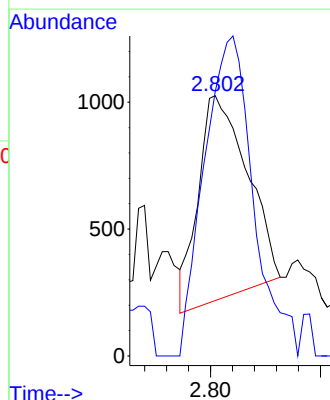
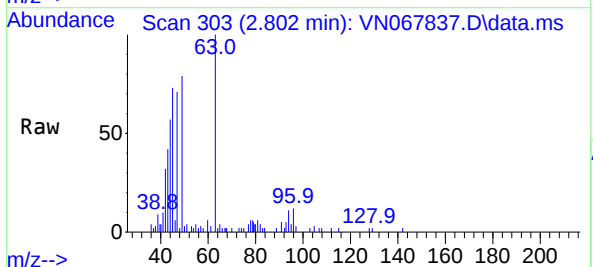
Instrument :
MSVOA_N
ClientSampled :

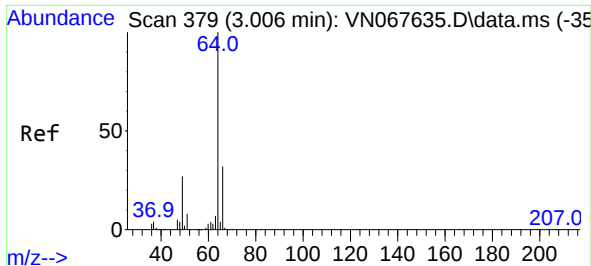
Tgt Ion:168 Resp: 331563
Ion Ratio Lower Upper
168 100
99 64.8 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.802 min Scan# 303
Delta R.T. -0.030 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 94 Resp: 1243
Ion Ratio Lower Upper
94 100
96 145.5 73.7 110.5#

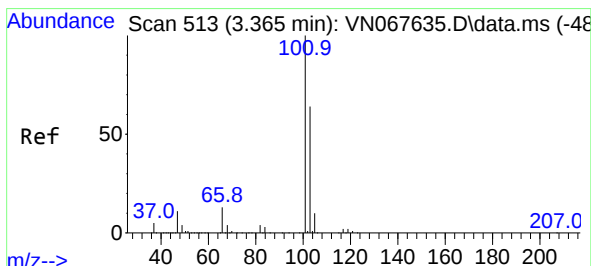
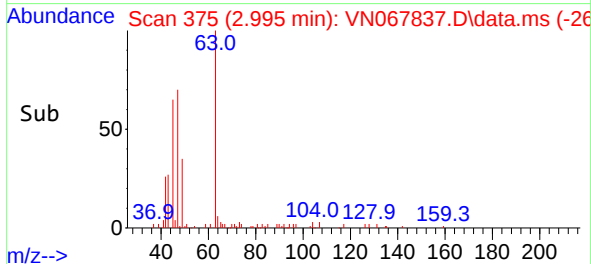
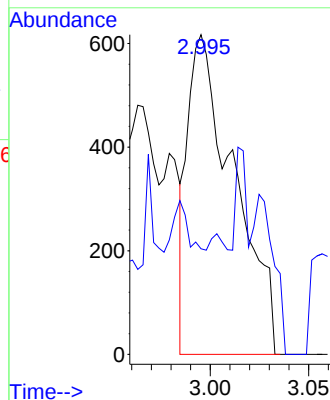
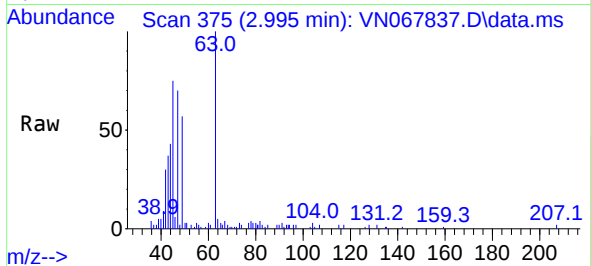




#6
Chloroethane
Concen: Below Cal
RT: 2.995 min Scan# 375
Delta R.T. -0.011 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

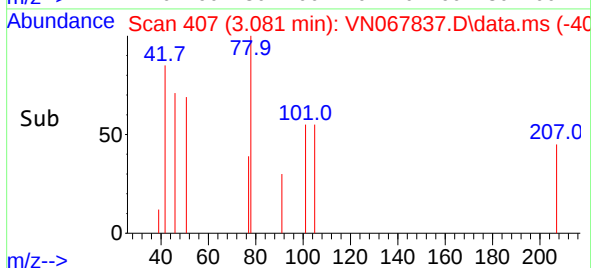
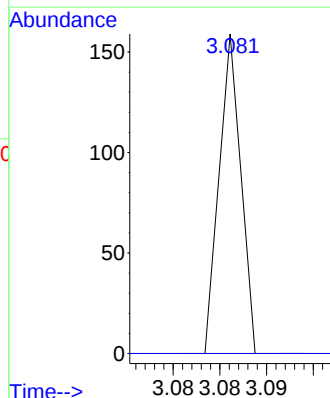
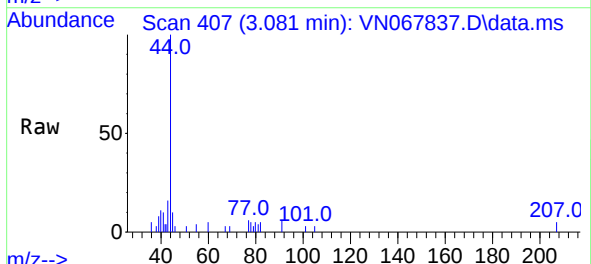
Instrument :
MSVOA_N
ClientSampled :

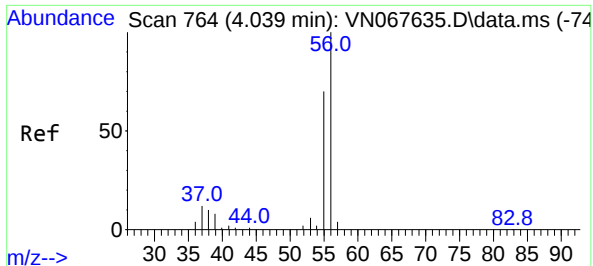
Tgt Ion: 64 Resp: 1009
Ion Ratio Lower Upper
64 100
66 7.8 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.081 min Scan# 407
Delta R.T. -0.284 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 101 Resp: 26
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

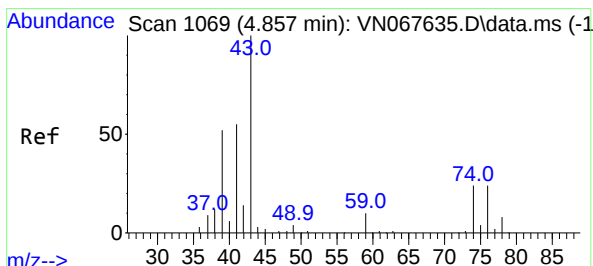
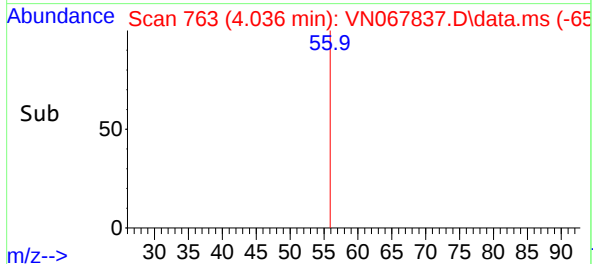
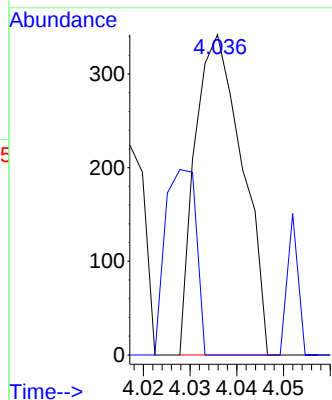
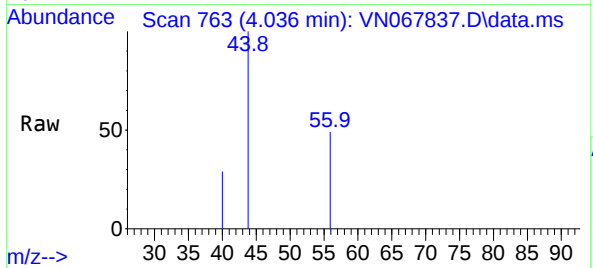




#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

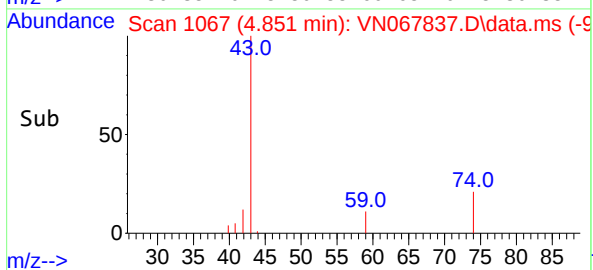
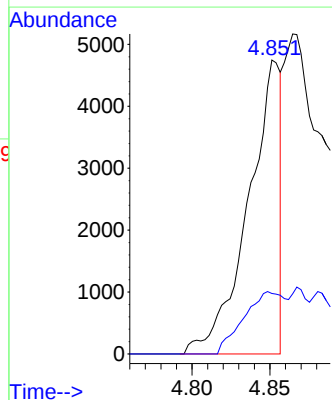
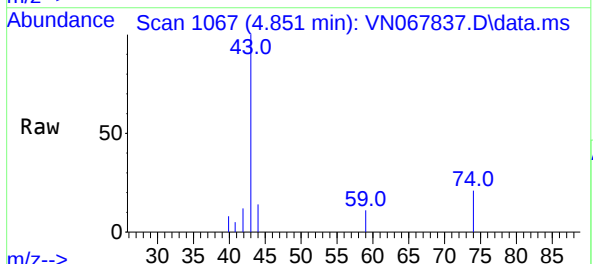
Instrument :
MSVOA_N
ClientSampled :

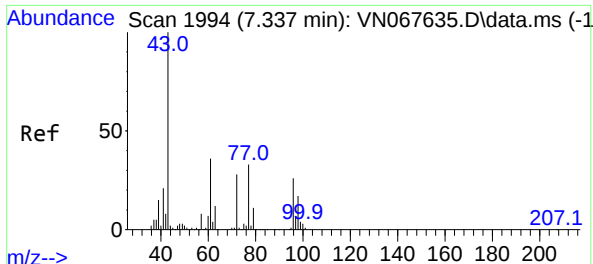
Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 37.9 57.4 86.0#



#18
Methyl Acetate
Concen: 1.549 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 43 Resp: 6861
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#

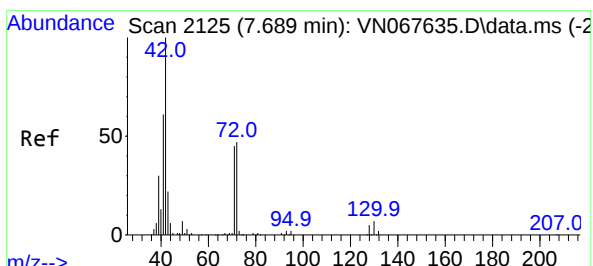
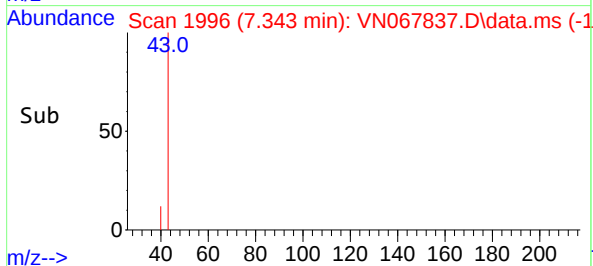
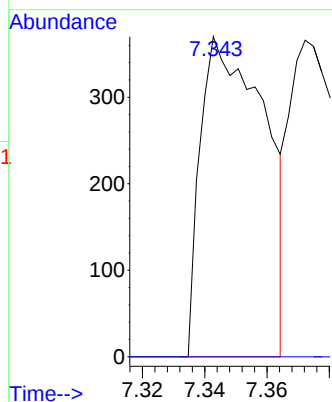
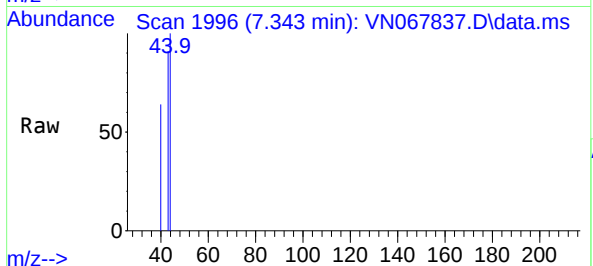




#25
2-Butanone
Concen: 0.202 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

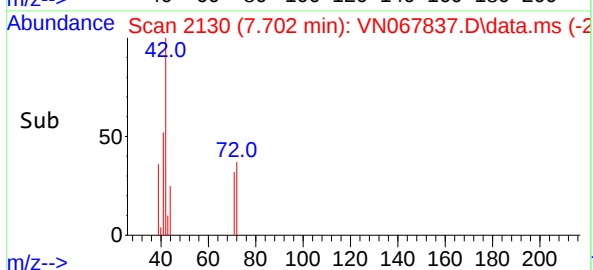
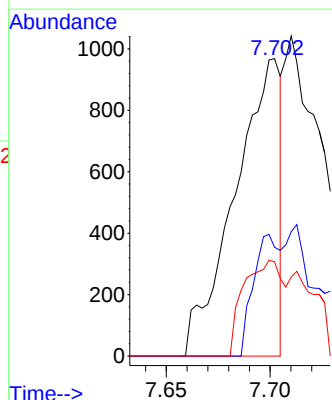
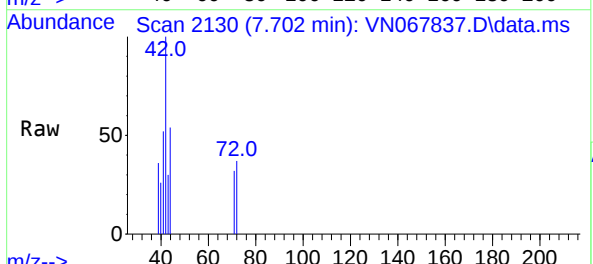
Instrument :
MSVOA_N
ClientSampled :

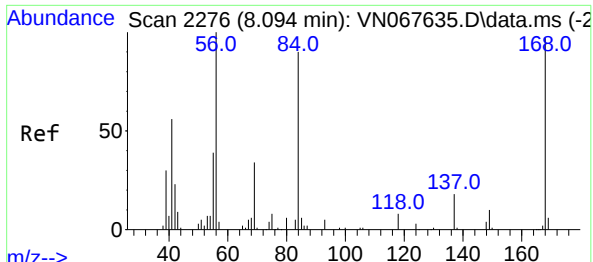
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.861 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.013 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 42 Resp: 1482
Ion Ratio Lower Upper
42 100
72 23.5 32.8 49.2#
71 27.7 31.2 46.8#

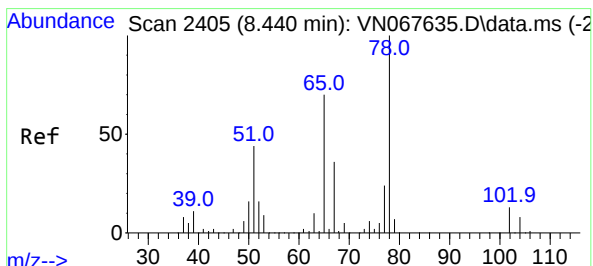
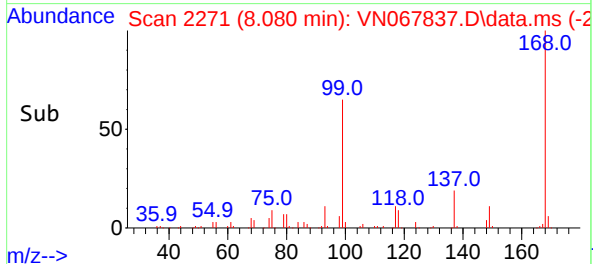
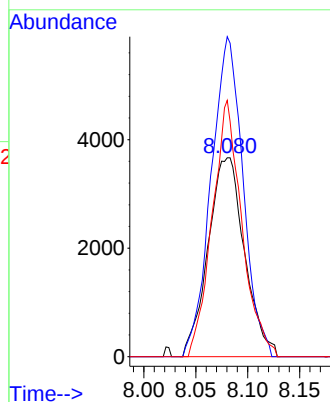
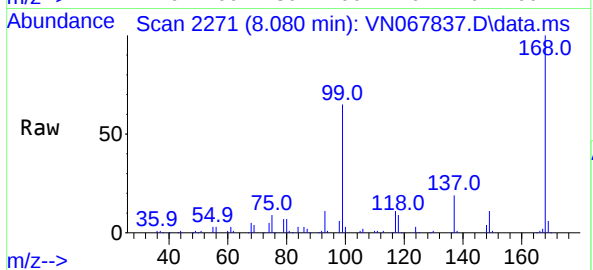




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

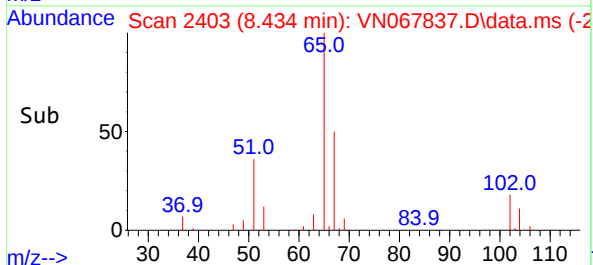
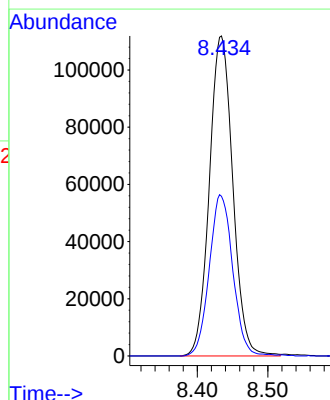
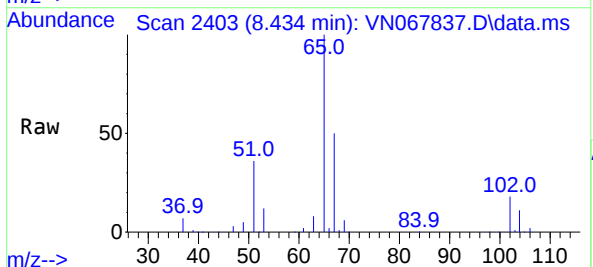
Instrument :
MSVOA_N
ClientSampleId :

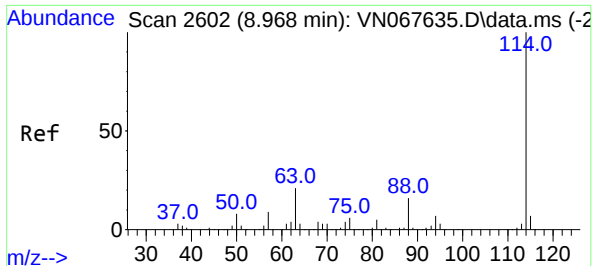
Tgt Ion: 56 Resp: 8943
Ion Ratio Lower Upper
56 100
69 160.9 27.3 40.9#
84 128.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.527 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 65 Resp: 258198
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

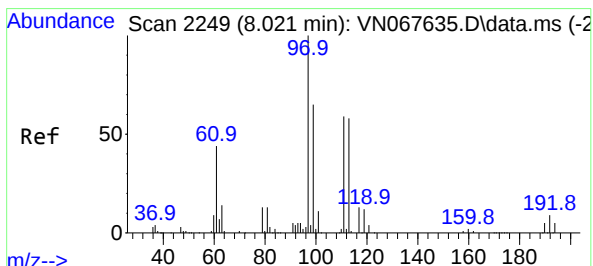
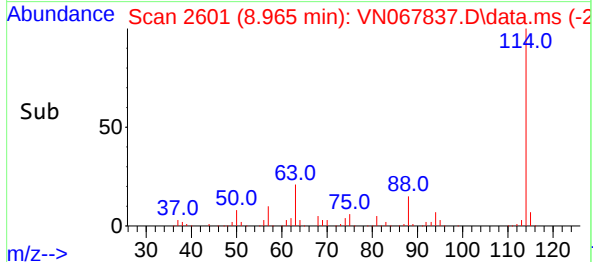
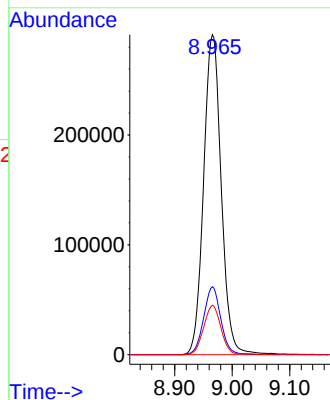
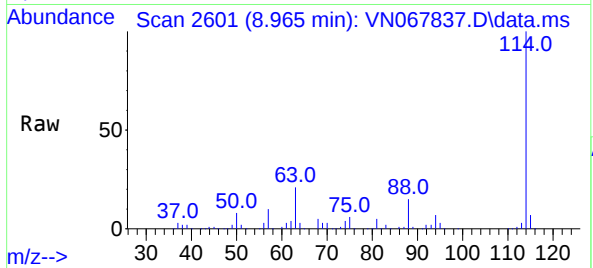




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

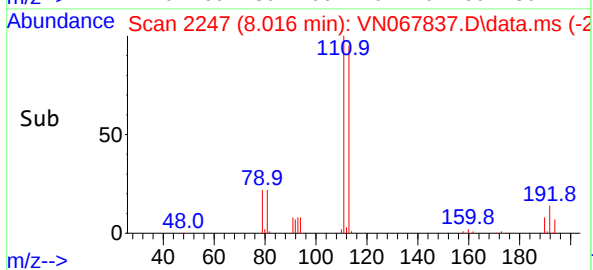
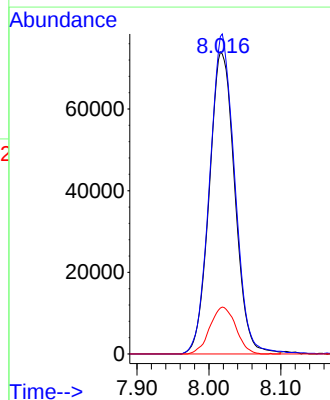
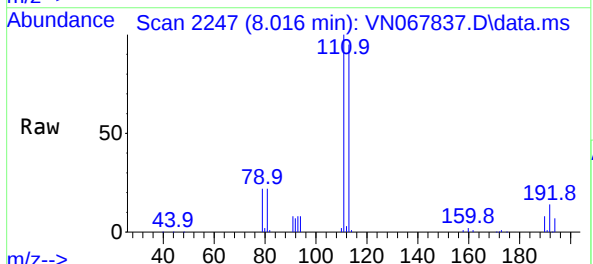
Instrument :
MSVOA_N
ClientSampleId :

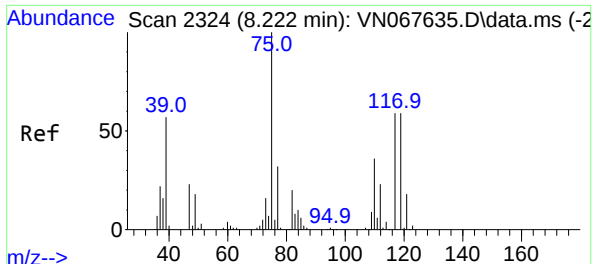
Tgt Ion:114 Resp: 620622
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion:113 Resp: 181881
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 15.8 13.4 20.0

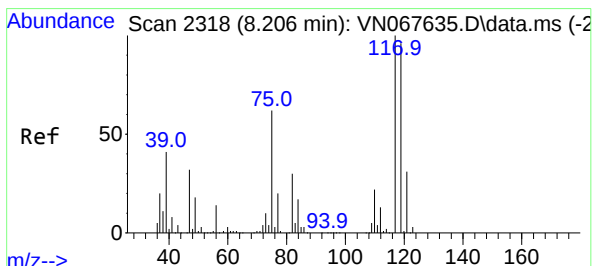
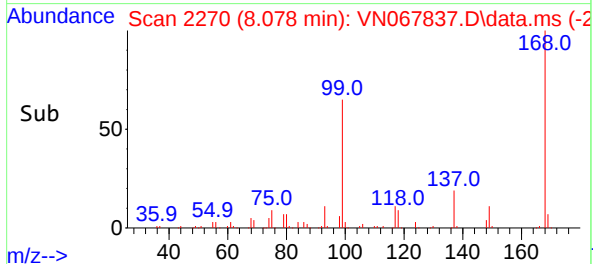
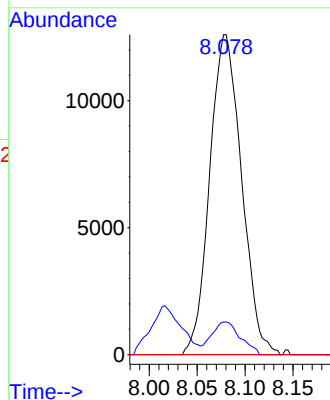
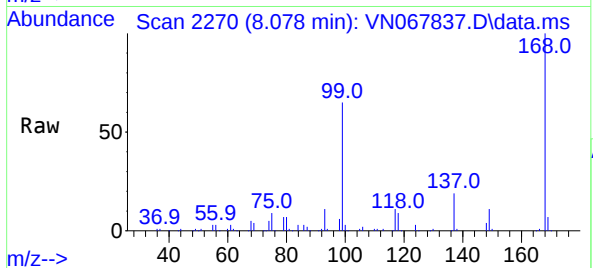




#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.144 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

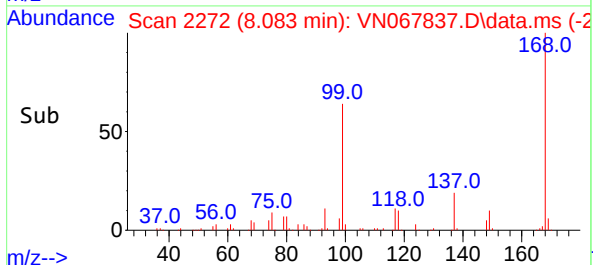
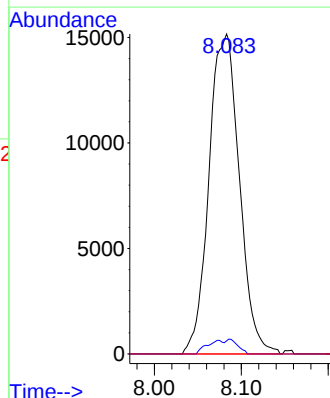
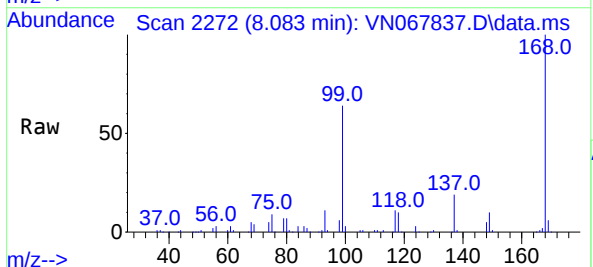
Instrument :
MSVOA_N
ClientSampleId :

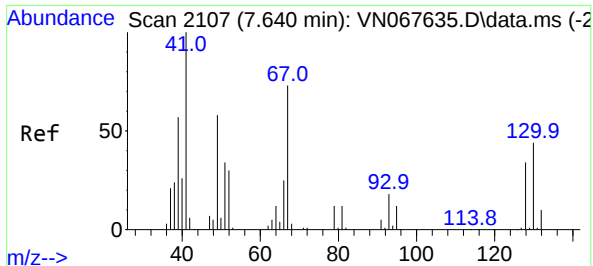
Tgt Ion: 75 Resp: 29126
Ion Ratio Lower Upper
75 100
110 9.3 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 117 Resp: 36843
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.2#
121 0.0 23.5 35.3#



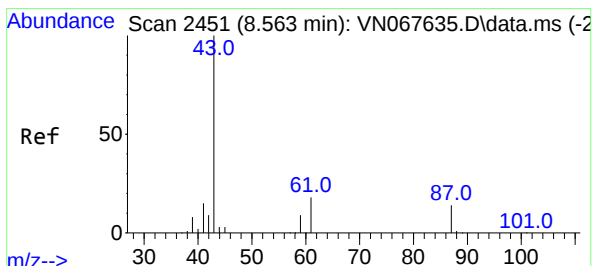
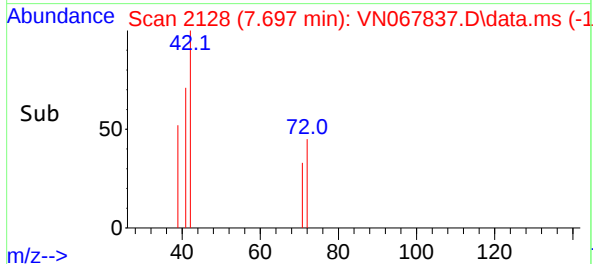
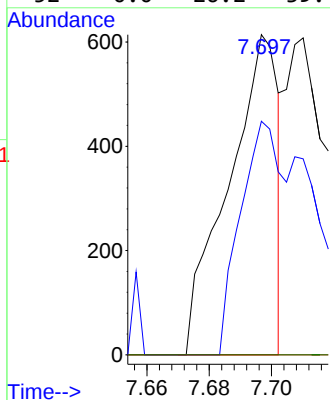
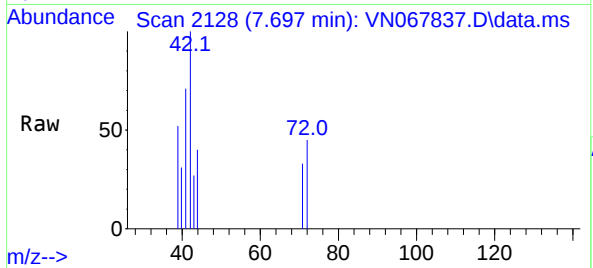


#41
Methacrylonitrile
Concen: 0.237 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.057 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 41 Resp: 679

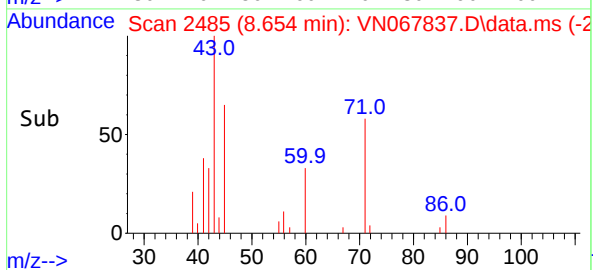
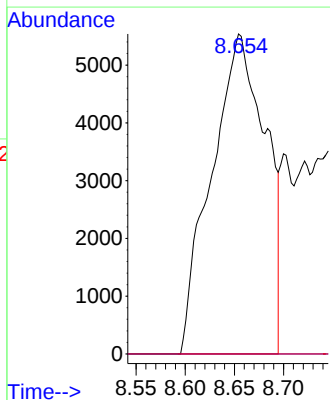
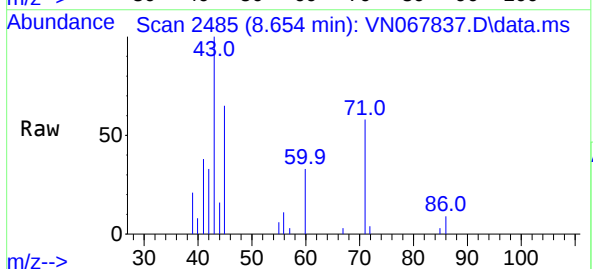
Ion	Ratio	Lower	Upper
41	100		
39	62.9	47.6	71.4
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#

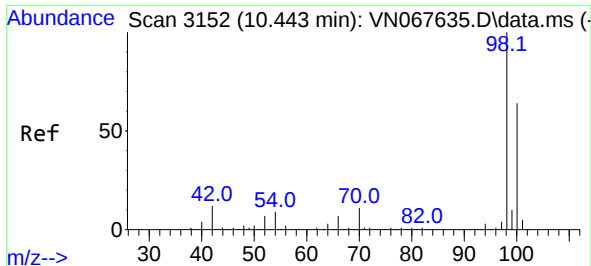


#43
Isopropyl Acetate
Concen: 2.155 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.091 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 43 Resp: 21174

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.0	28.4#
87	0.0	9.5	14.3#

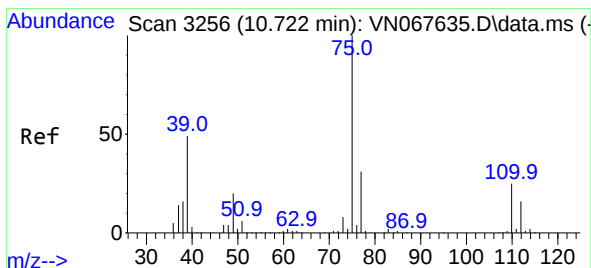
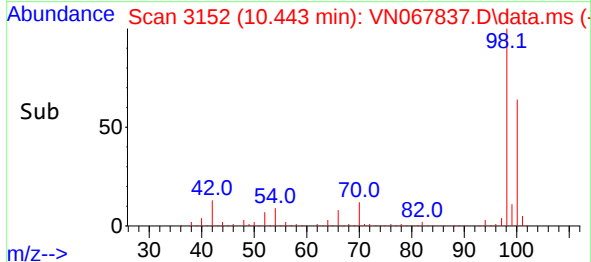
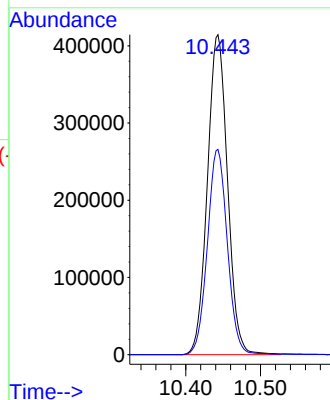
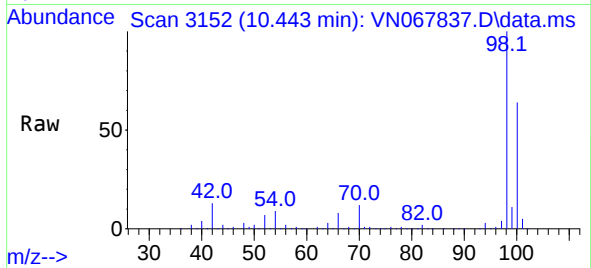




#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

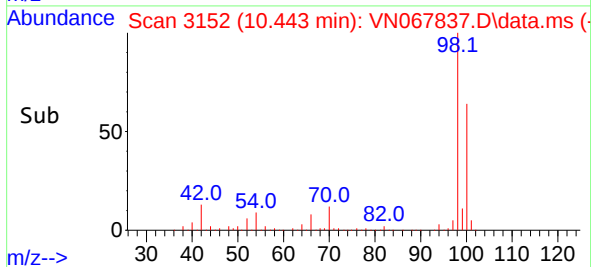
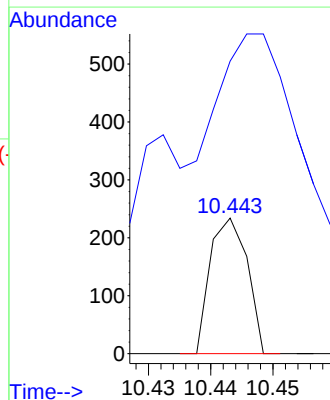
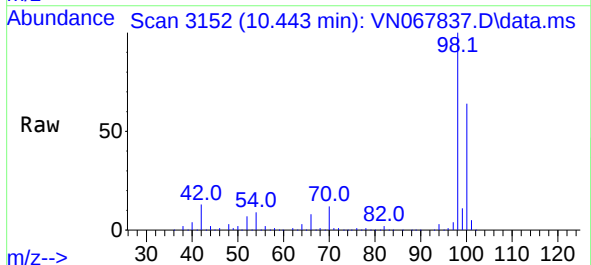
Instrument :
MSVOA_N
ClientSampled :

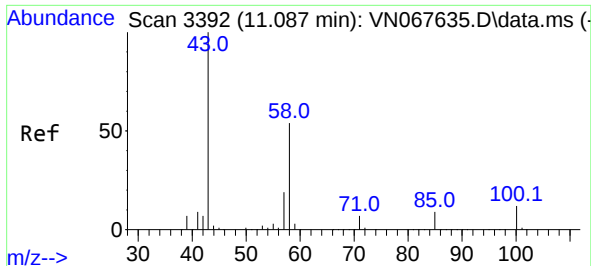
Tgt Ion: 98 Resp: 775657
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.757 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.279 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
77 79.1 25.1 37.7#

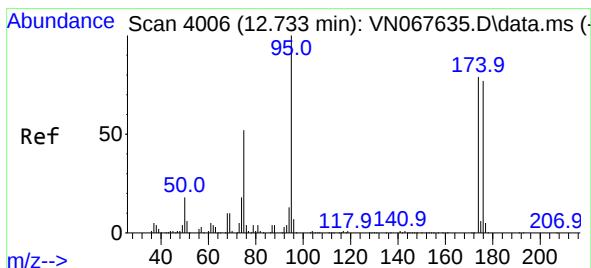
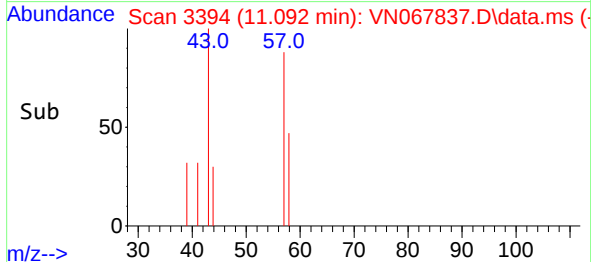
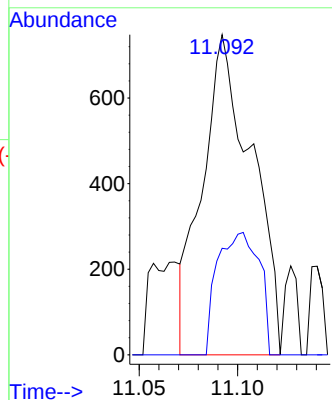
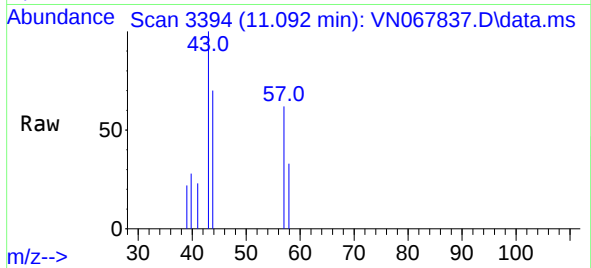




#59
2-Hexanone
Concen: 0.311 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

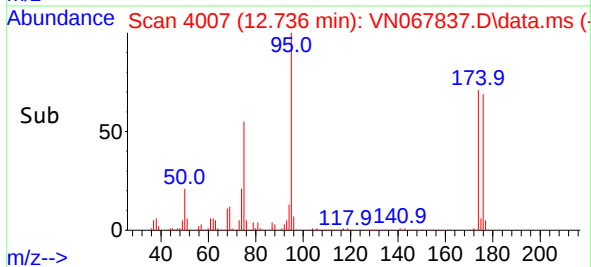
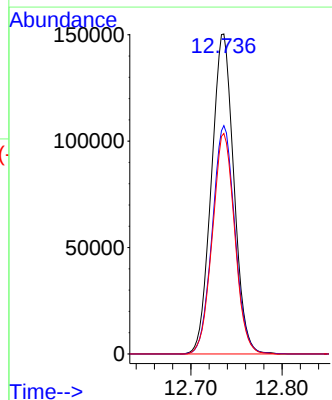
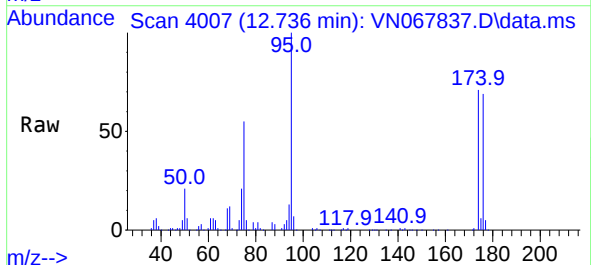
Instrument :
MSVOA_N
ClientSampled :

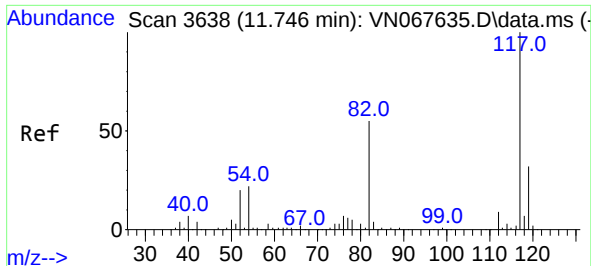
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 32.1 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 46.241 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 95 Resp: 256376
Ion Ratio Lower Upper
95 100
174 71.9 0.0 122.0
176 68.6 0.0 117.6

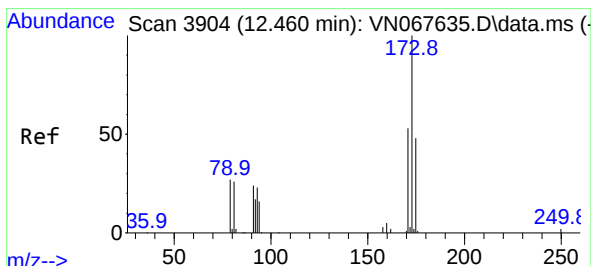
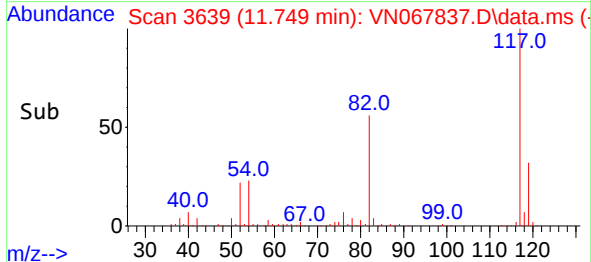
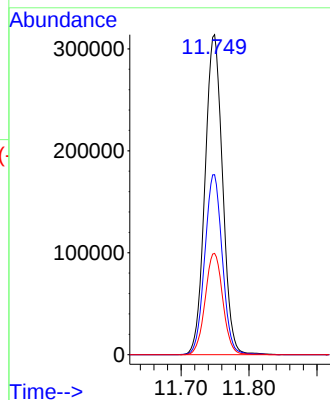
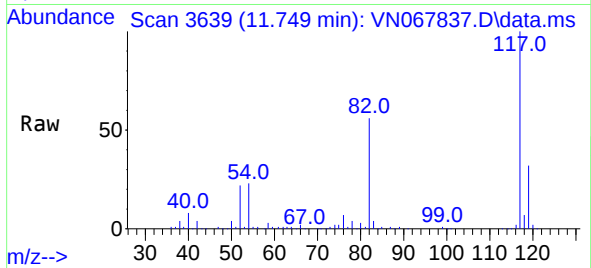




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

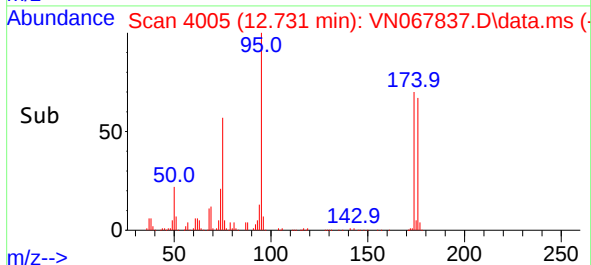
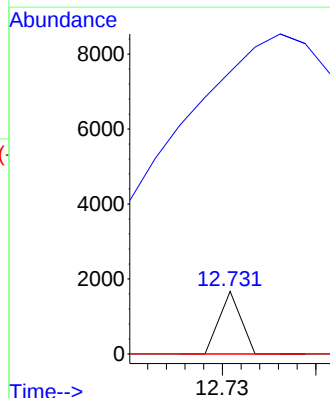
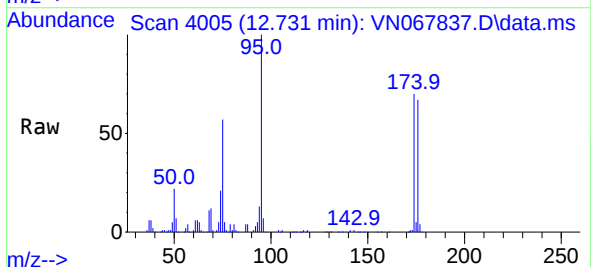
Instrument :
MSVOA_N
ClientSampleId :

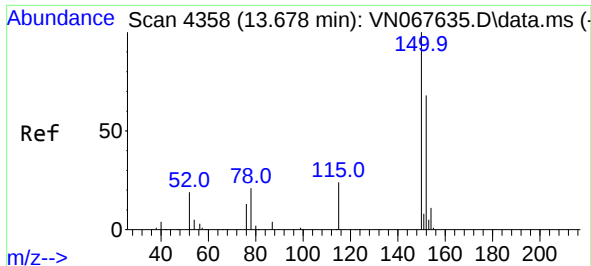
Tgt Ion:117 Resp: 564567
Ion Ratio Lower Upper
117 100
82 56.2 53.1 79.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 3.245 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion:173 Resp: 269
Ion Ratio Lower Upper
173 100
175 5050.6 23.9 71.8#
254 0.0 0.0 0.0

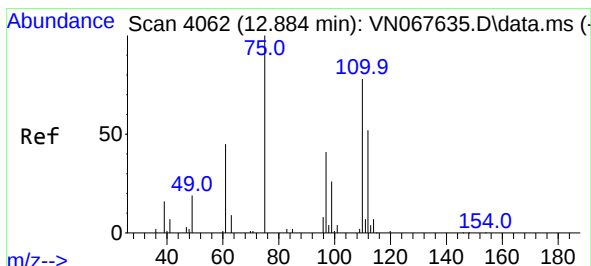
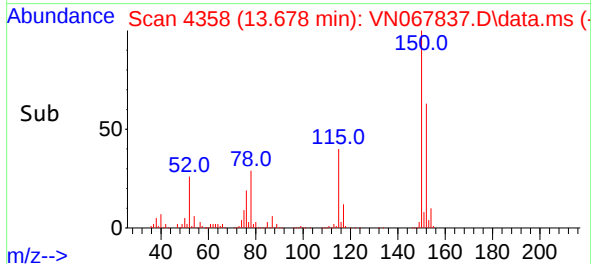
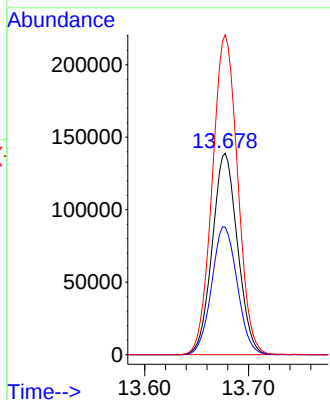
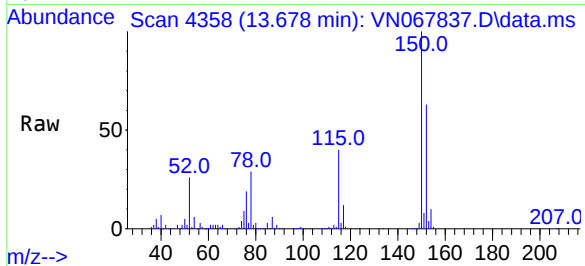




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

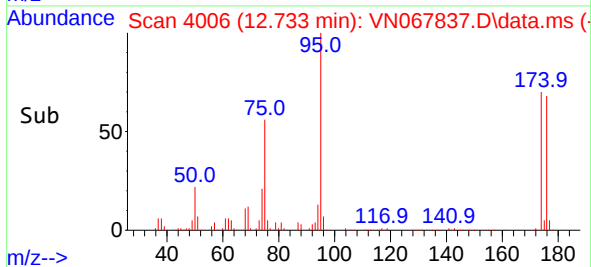
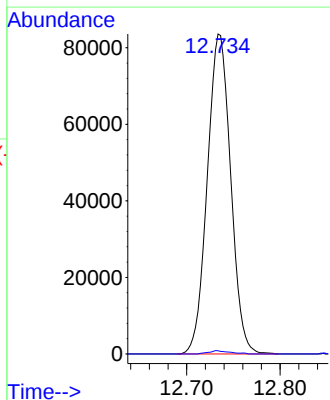
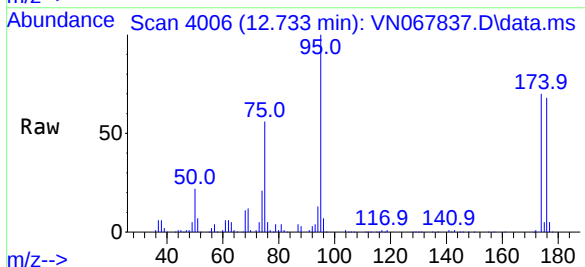
Instrument :
MSVOA_N
ClientSampled :

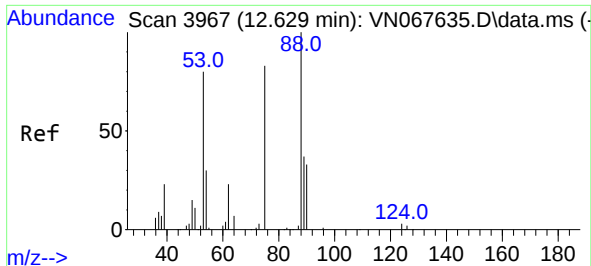
Tgt Ion:152 Resp: 235015
Ion Ratio Lower Upper
152 100
115 64.3 36.1 108.5
150 159.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.299 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 75 Resp: 145417
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

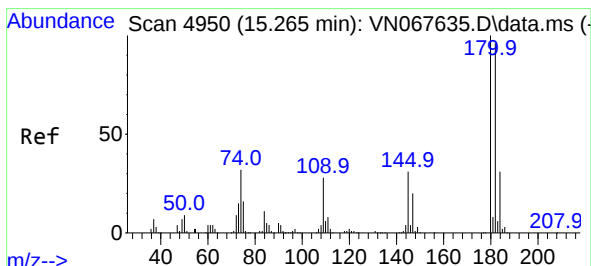
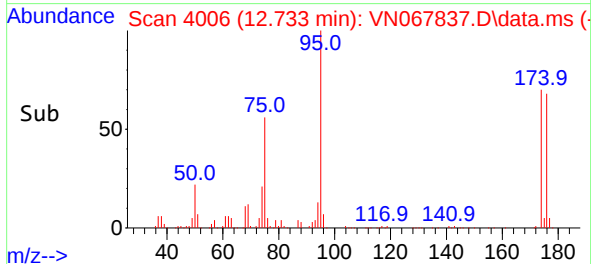
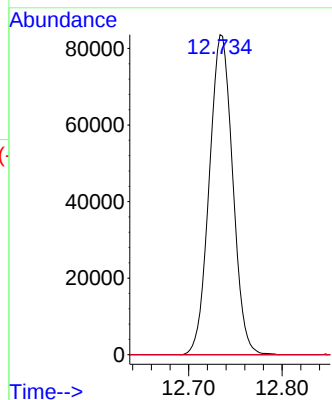
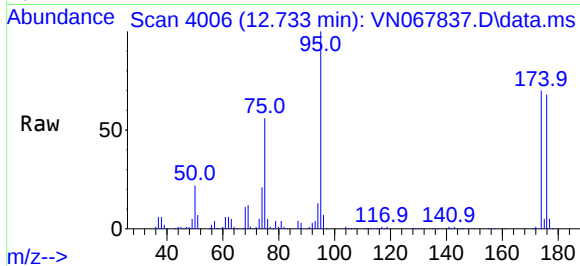




#81
trans-1,4-Dichloro-2-butene
Concen: 97.686 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

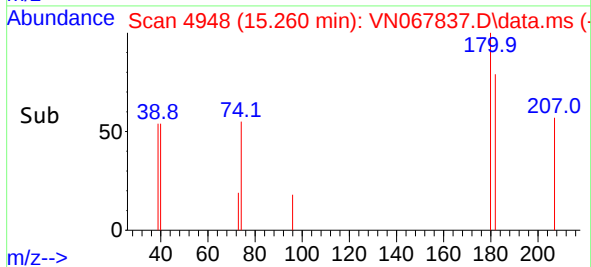
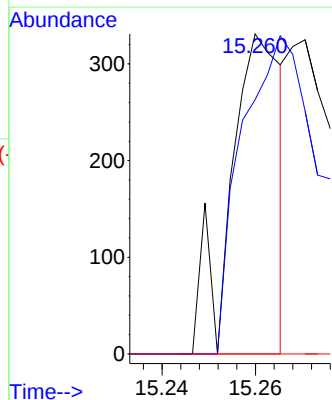
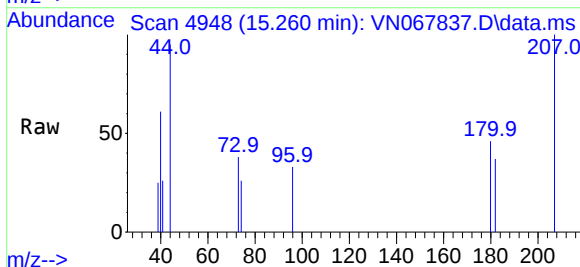
Instrument :
MSVOA_N
ClientSampled :

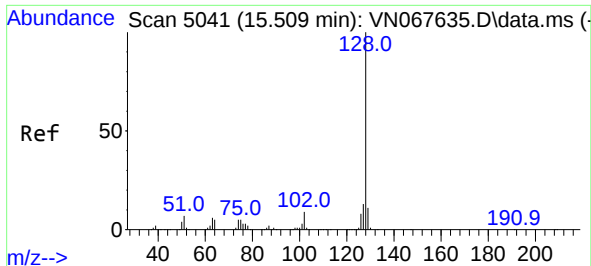
Tgt Ion: 75 Resp: 145417
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.735 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion:180 Resp: 250
Ion Ratio Lower Upper
180 100
182 166.4 47.5 142.5#
145 0.0 17.2 51.6#

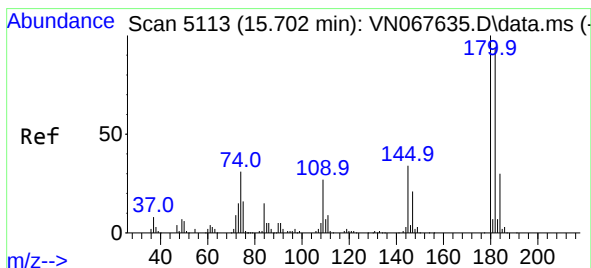
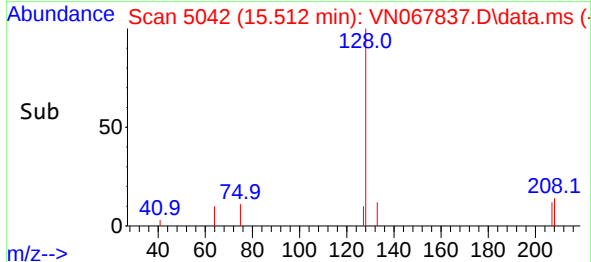
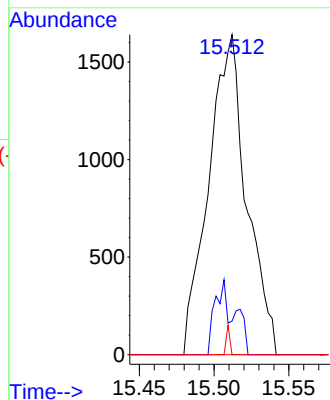
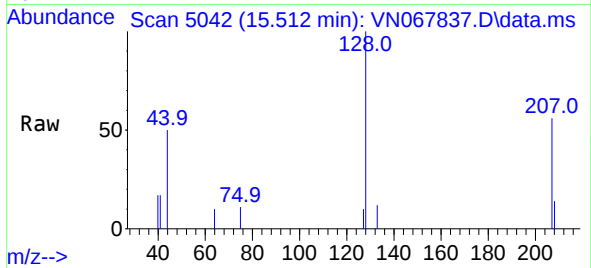




#95
Naphthalene
Concen: 3.249 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2896
Ion Ratio Lower Upper
128 100
127 8.4 10.6 15.8#
129 0.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.803 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067837.D
Acq: 21 Jul 2021 14:36

Tgt Ion:180 Resp: 675
Ion Ratio Lower Upper
180 100
182 49.0 47.8 143.3
145 0.0 18.2 54.6#

