

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067748.D
 Acq On : 14 Jul 2021 17:08
 Operator : JC/MD
 Sample : M3006-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 14 17:44:52 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)

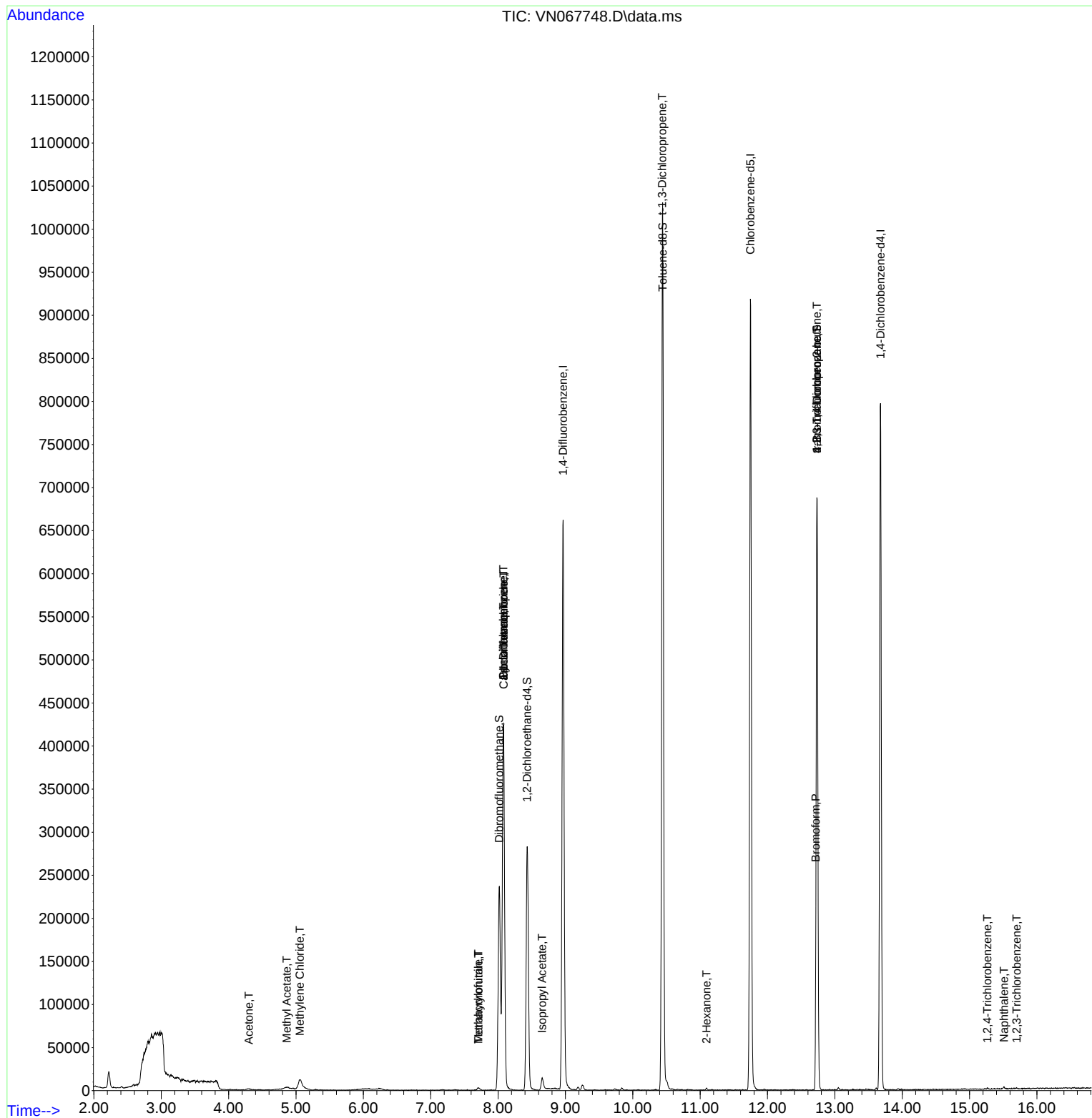
Internal Standards						
1) Pentafluorobenzene	8.080	168	310965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	580890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	526364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	201757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	241991	51.491	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.980%
35) Dibromofluoromethane	8.016	113	168429	47.991	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.980%
50) Toluene-d8	10.443	98	725990	49.420	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.733	95	235217	45.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.660%
Target Compounds						
						Qvalue
5) Bromomethane	2.802	94	2166	Below Cal	#	76
6) Chloroethane	2.979	64	104	Below Cal	#	80
13) Acrolein	4.022	56	147	Below Cal	#	37
16) Acetone	4.299	43	780	0.527	ug/l	# 60
18) Methyl Acetate	4.862	43	2074	0.499	ug/l	93
20) Methylene Chloride	5.058	84	9196	1.996	ug/l	# 85
29) Tetrahydrofuran	7.707	42	2170	1.344	ug/l	# 48
31) Cyclohexane	8.080	56	8577	1.302	ug/l	# 25
36) 1,1-Dichloropropene	8.080	75	28266	5.238	ug/l	# 51
38) Carbon Tetrachloride	8.083	117	35308	6.634	ug/l	# 16
41) Methacrylonitrile	7.707	41	1012	0.377	ug/l	# 49
43) Isopropyl Acetate	8.654	43	7180	0.781	ug/l	# 58
53) t-1,3-Dichloropropene	10.438	75	175	1.769	ug/l	93
59) 2-Hexanone	11.095	43	1688	0.428	ug/l	73
71) Bromoform	12.717	173	252	3.246	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	136231	33.064	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	136231	106.601	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.265	180	549	2.829	ug/l	# 72
95) Naphthalene	15.509	128	2436	3.244	ug/l	# 81
96) 1,2,3-Trichlorobenzene	15.700	180	394	2.748	ug/l	# 50

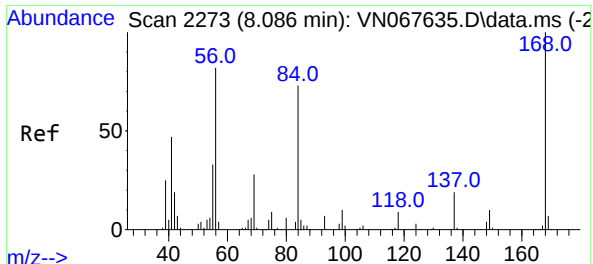
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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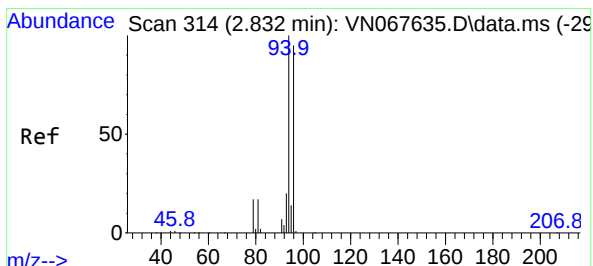
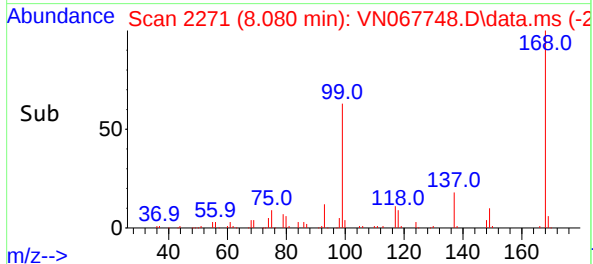
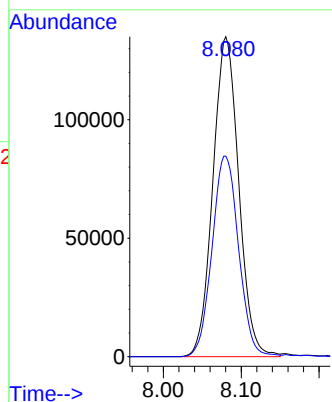
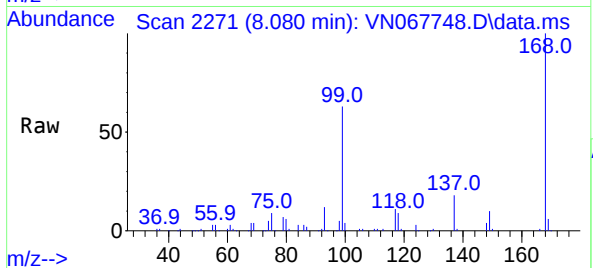




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

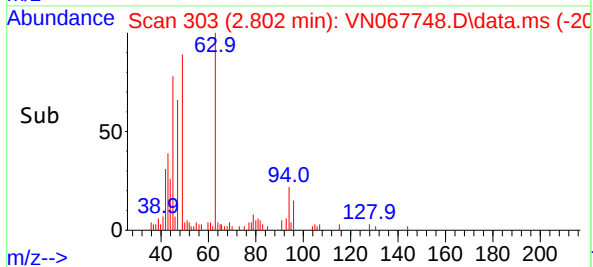
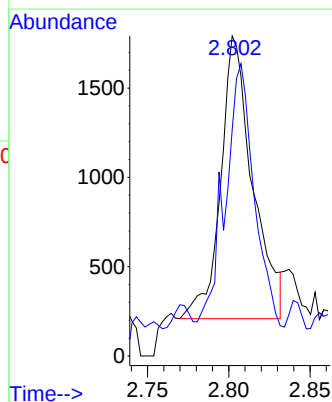
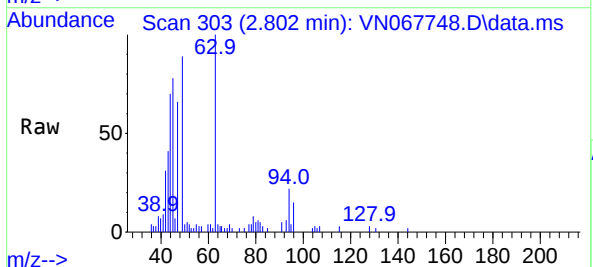
Instrument :
MSVOA_N
ClientSampled :

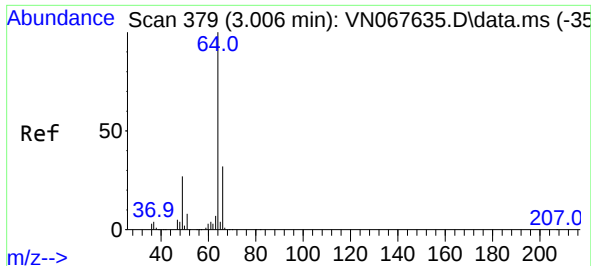
Tgt Ion:168 Resp: 310965
Ion Ratio Lower Upper
168 100
99 62.7 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.802 min Scan# 303
Delta R.T. -0.030 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 94 Resp: 2166
Ion Ratio Lower Upper
94 100
96 69.4 73.7 110.5#

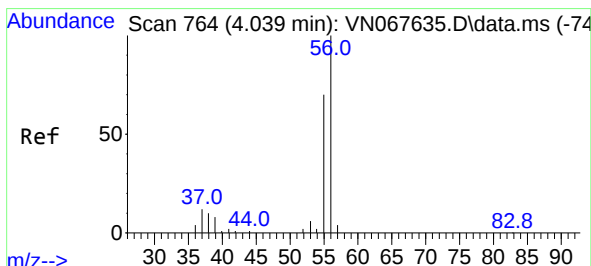
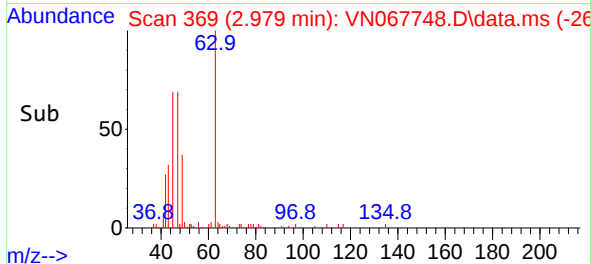
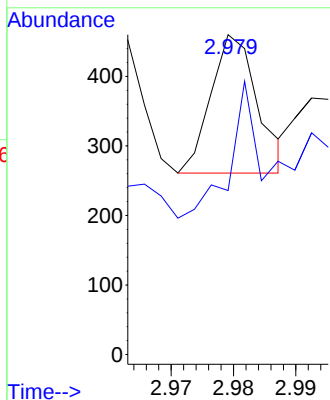
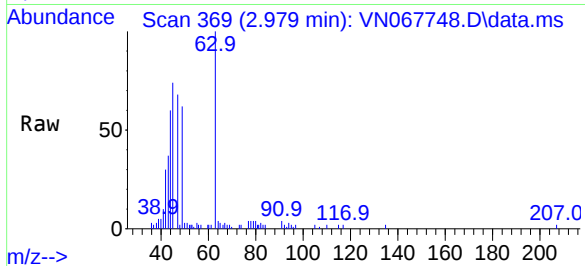




#6
Chloroethane
Concen: Below Cal
RT: 2.979 min Scan# 369
Delta R.T. -0.027 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

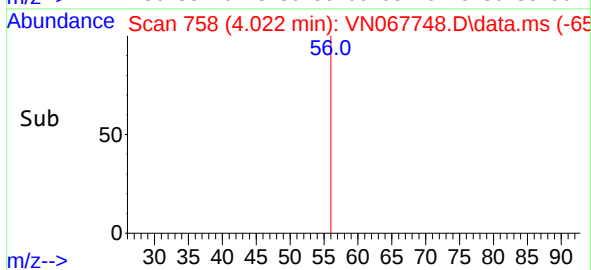
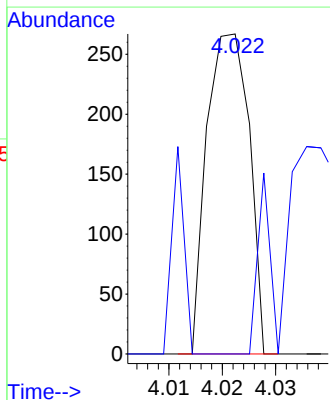
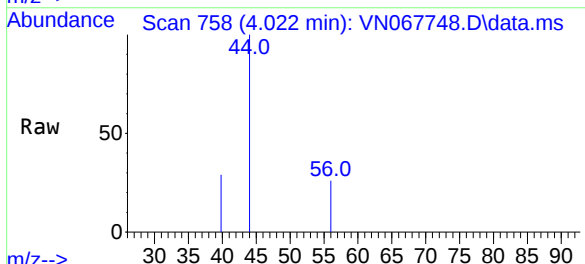
Instrument :
MSVOA_N
ClientSampled :

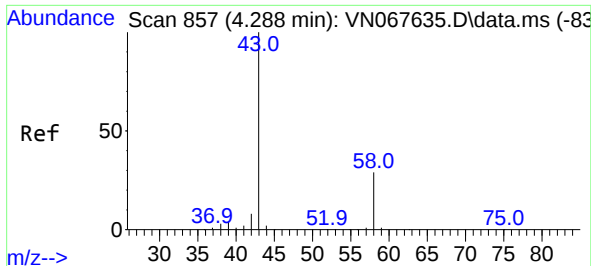
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 20.1 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.022 min Scan# 758
Delta R.T. -0.017 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 19.0 57.4 86.0#

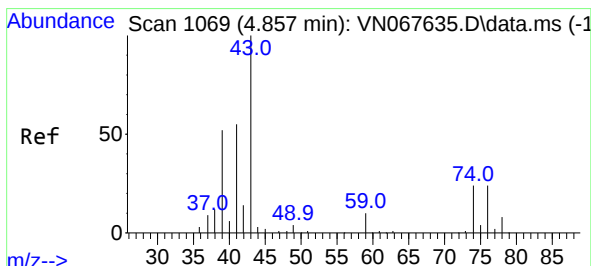
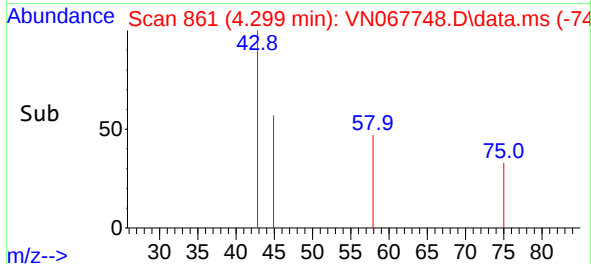
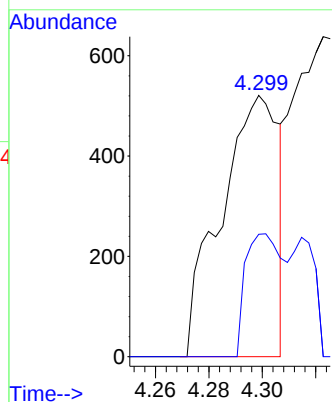
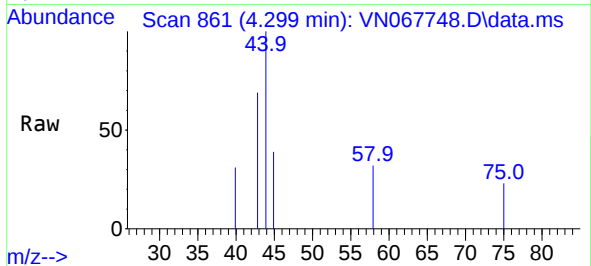




#16
Acetone
Concen: 0.527 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

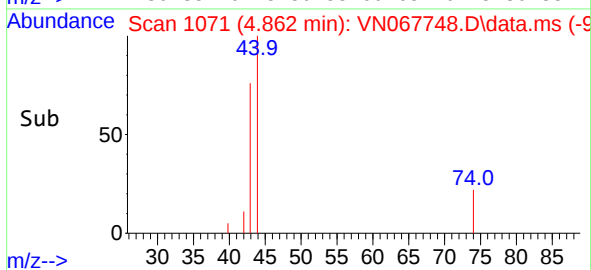
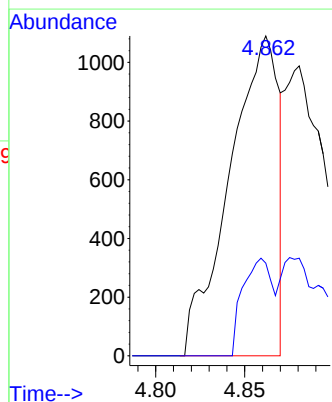
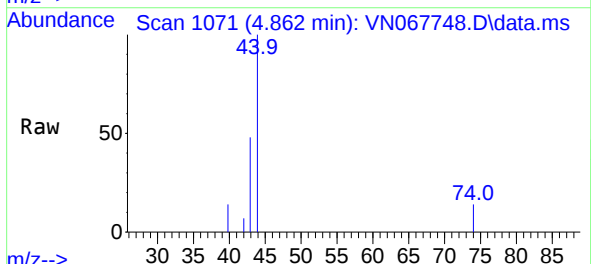
Instrument :
MSVOA_N
ClientSampled :

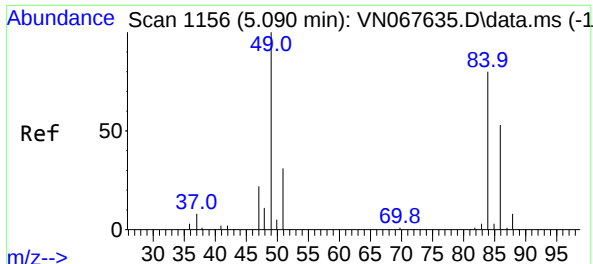
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 46.8 21.2 31.8#



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
74 18.5 17.4 26.0



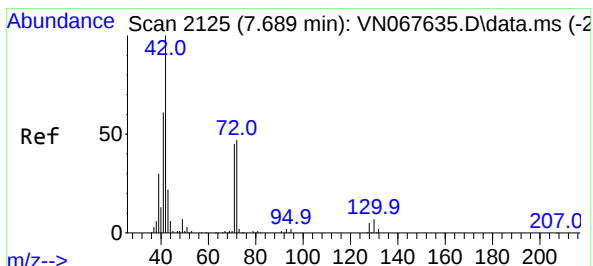
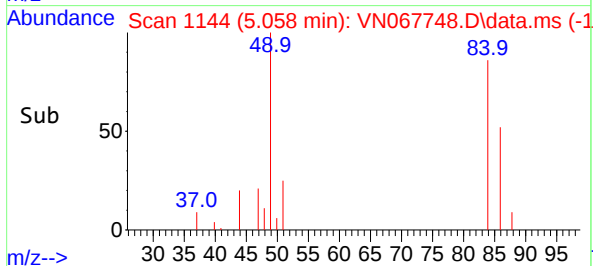
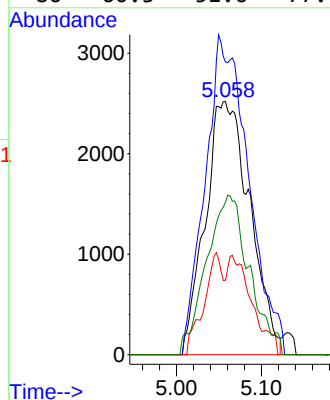
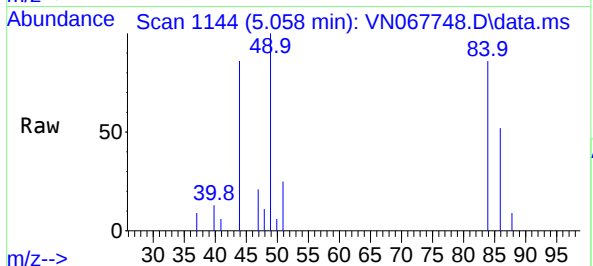


#20
Methylene Chloride
Concen: 1.996 ug/l
RT: 5.058 min Scan# 1144
Delta R.T. -0.032 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 84 Resp: 9196

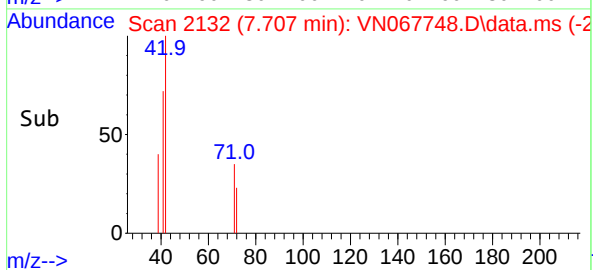
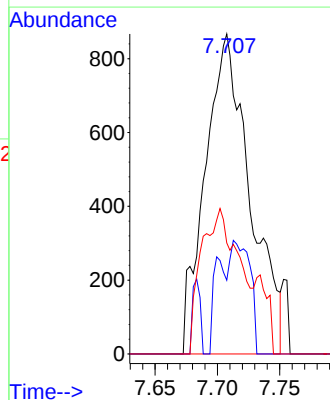
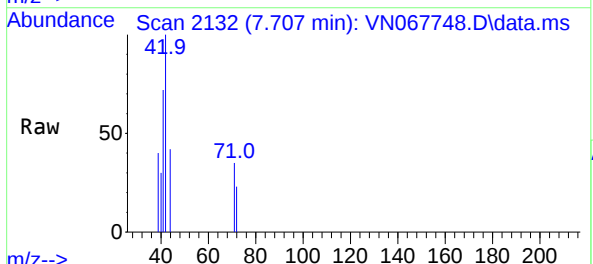
Ion	Ratio	Lower	Upper
84	100		
49	115.6	110.9	166.3
51	29.4	32.6	49.0#
86	60.3	51.6	77.4

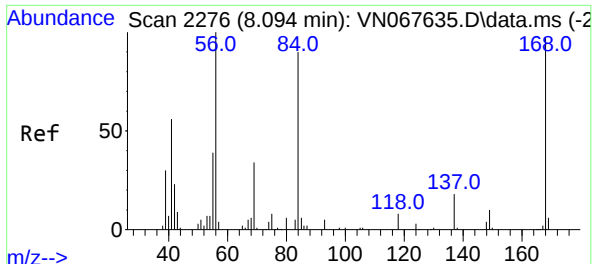


#29
Tetrahydrofuran
Concen: 1.344 ug/l
RT: 7.707 min Scan# 2132
Delta R.T. 0.018 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 42 Resp: 2170

Ion	Ratio	Lower	Upper
42	100		
72	15.9	32.8	49.2#
71	0.0	31.2	46.8#

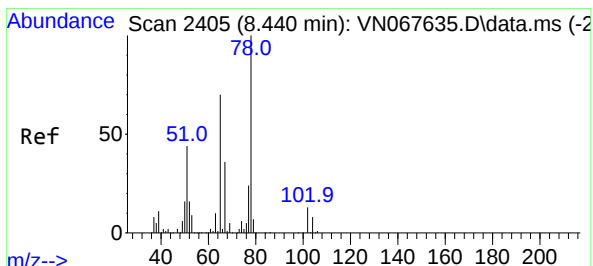
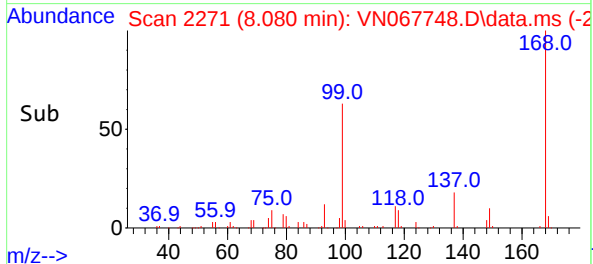
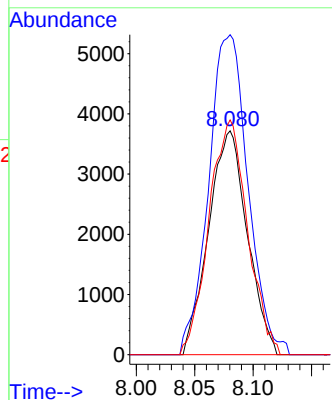
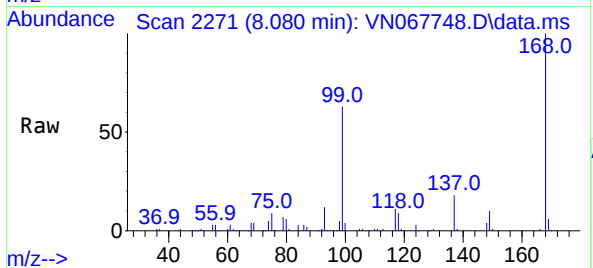




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

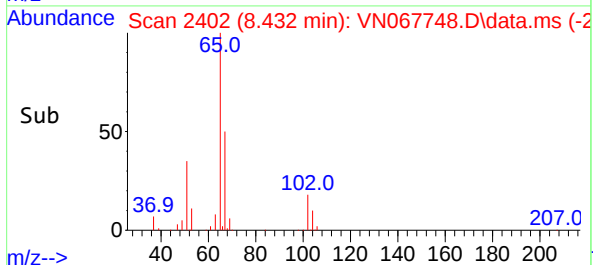
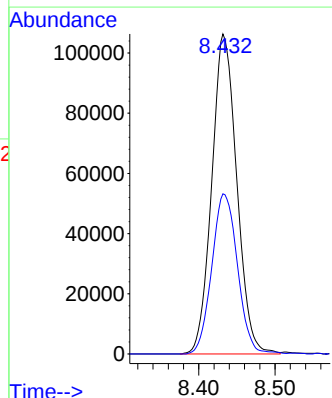
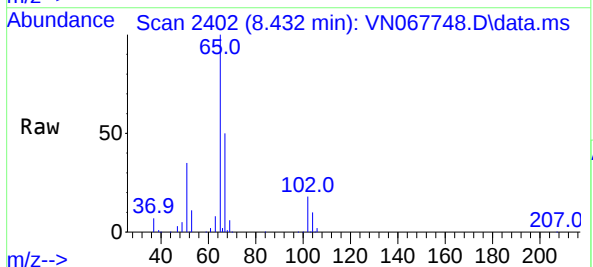
Instrument :
MSVOA_N
ClientSampled :

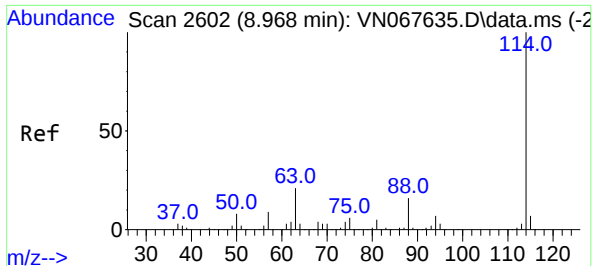
Tgt Ion: 56 Resp: 8577
Ion Ratio Lower Upper
56 100
69 143.0 27.3 40.9#
84 104.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.491 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.008 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 65 Resp: 241991
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

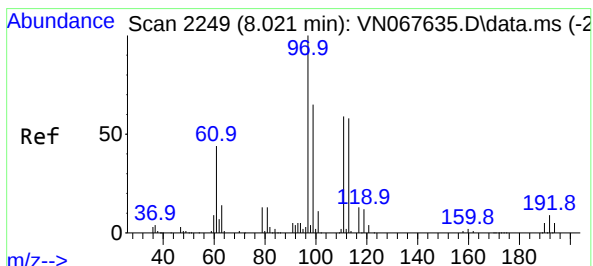
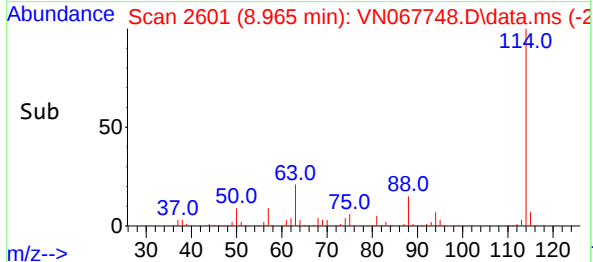
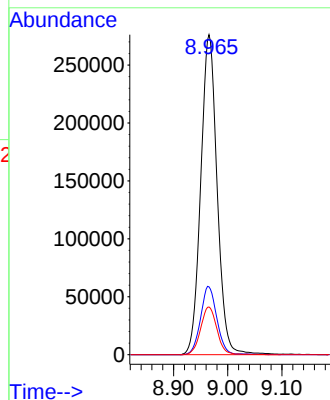
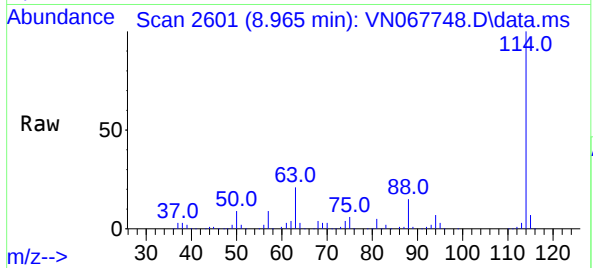




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

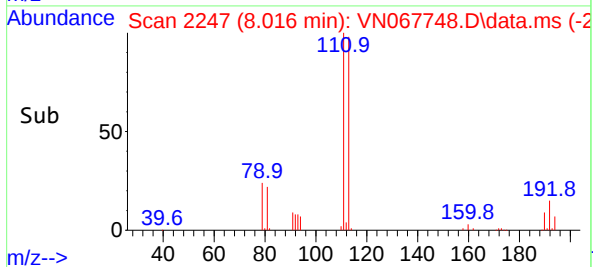
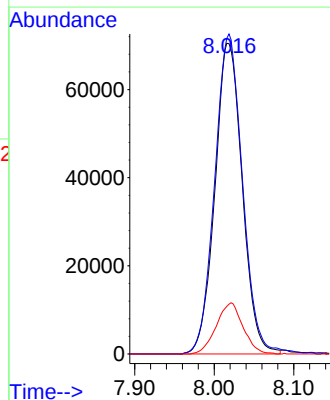
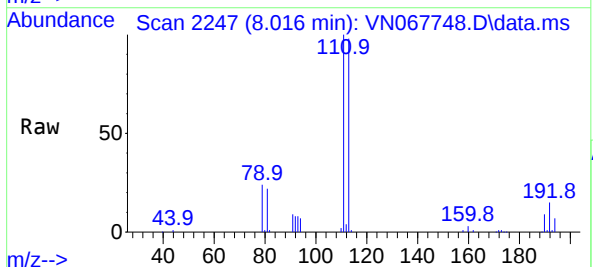
Instrument :
MSVOA_N
ClientSampled :

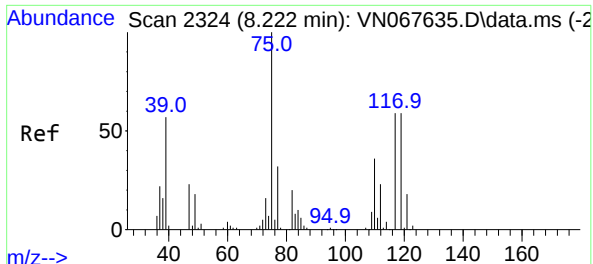
Tgt Ion:114 Resp: 580890
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.991 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

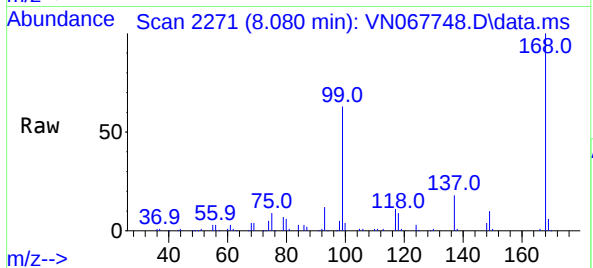
Tgt Ion:113 Resp: 168429
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.8
192 16.1 13.4 20.0



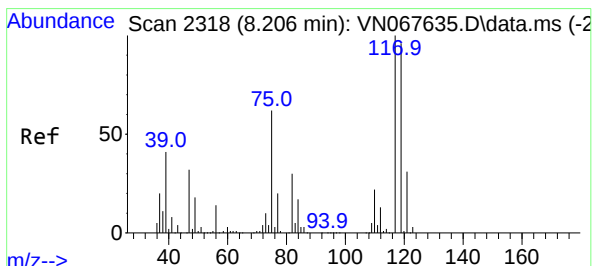
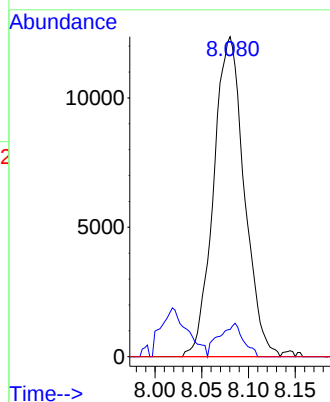
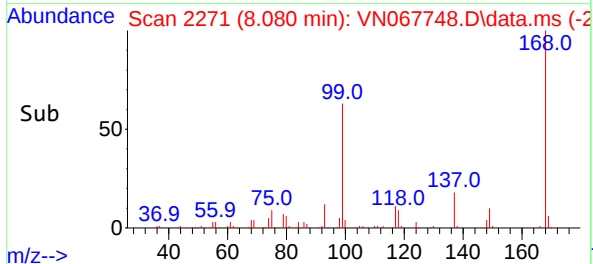


#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

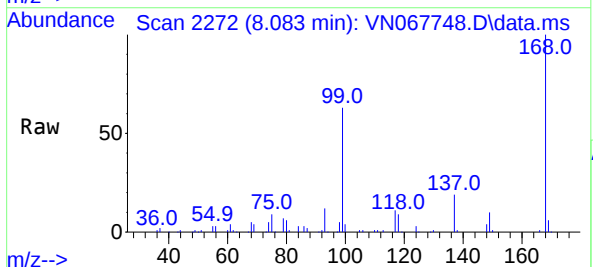
Instrument :
MSVOA_N
ClientSampled :



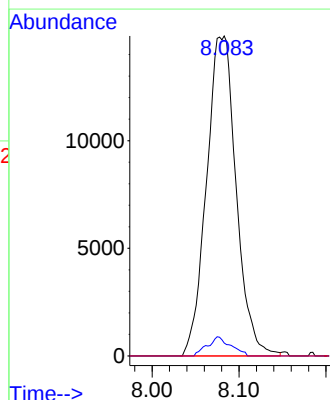
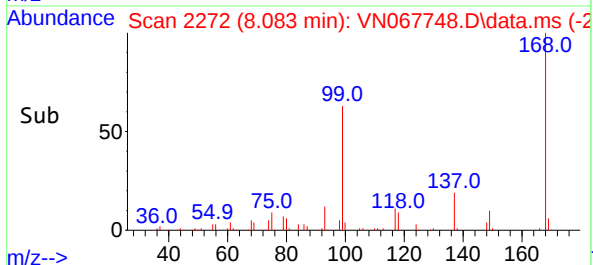
Tgt Ion: 75 Resp: 28266
Ion Ratio Lower Upper
75 100
110 8.2 15.7 47.0#
77 0.0 24.6 37.0#

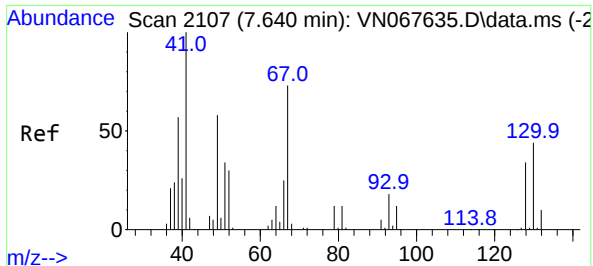


#38
Carbon Tetrachloride
Concen: 6.634 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08



Tgt Ion: 117 Resp: 35308
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.2#
121 0.0 23.5 35.3#



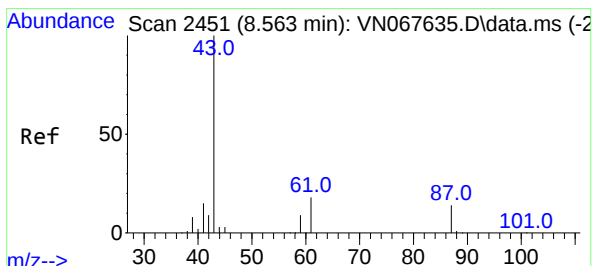
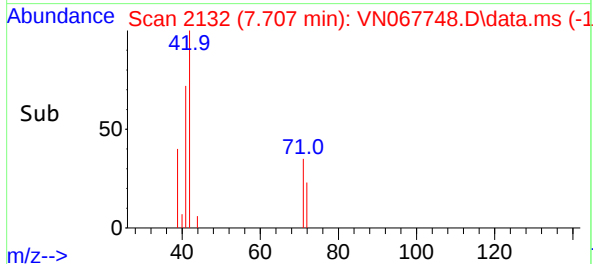
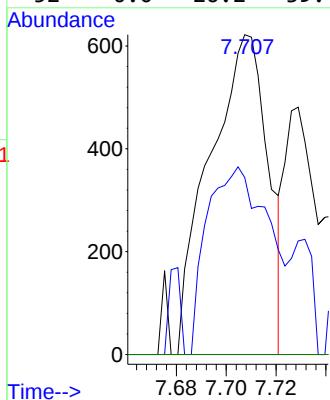
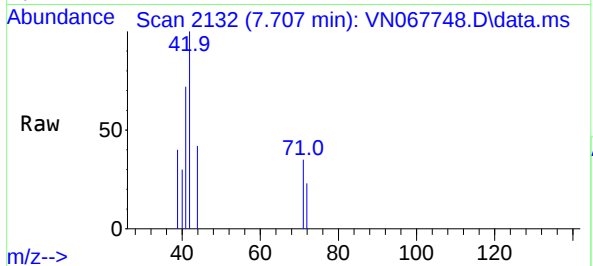


#41
Methacrylonitrile
Concen: 0.377 ug/l
RT: 7.707 min Scan# 2132
Delta R.T. 0.067 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 41 Resp: 1012

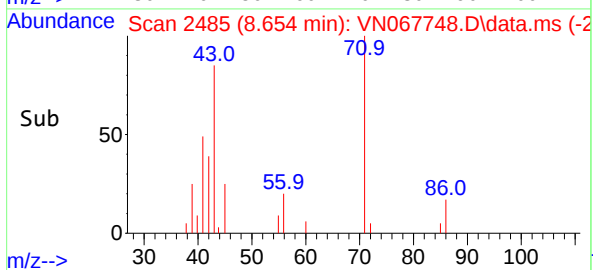
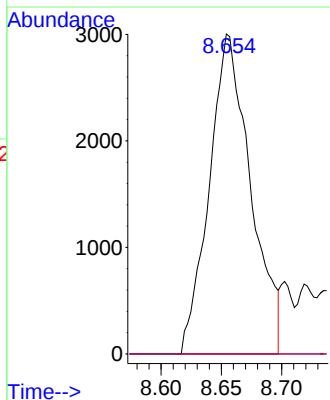
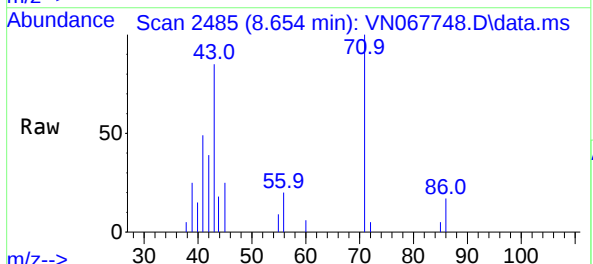
Ion	Ratio	Lower	Upper
41	100		
39	62.5	47.6	71.4
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#

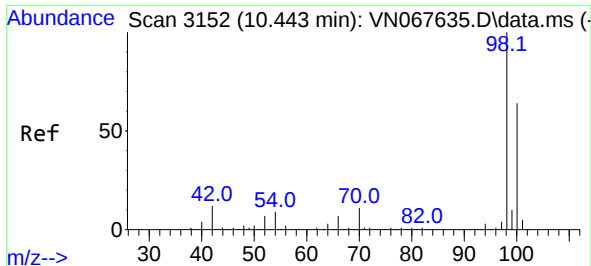


#43
Isopropyl Acetate
Concen: 0.781 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.091 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 43 Resp: 7180

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

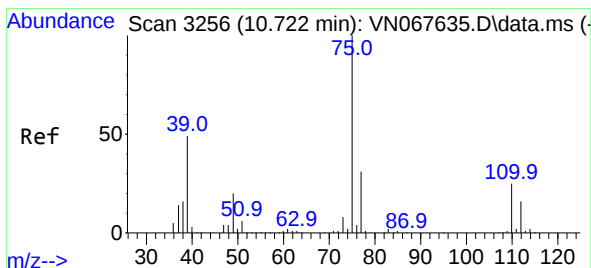
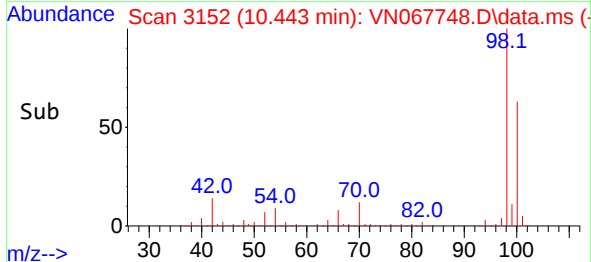
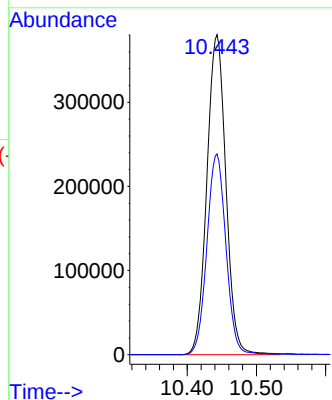
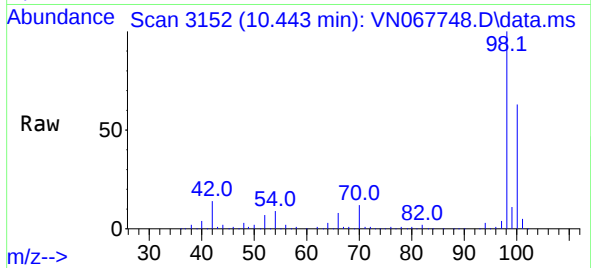




#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

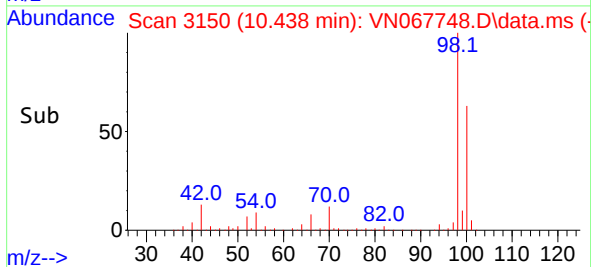
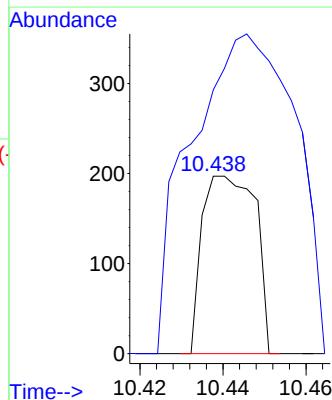
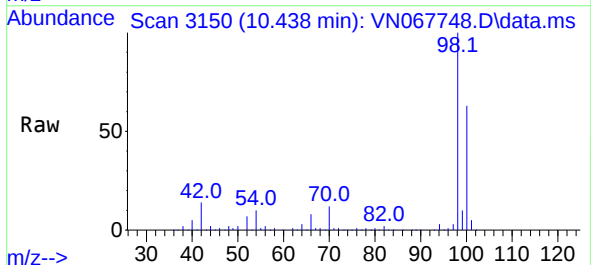
Instrument :
MSVOA_N
ClientSampled :

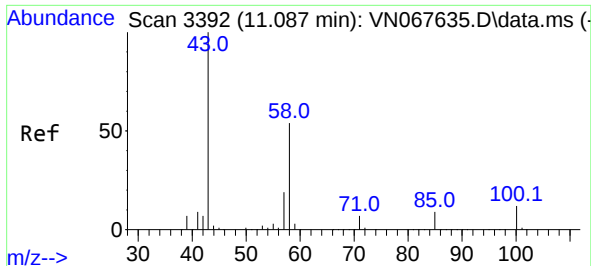
Tgt Ion: 98 Resp: 725990
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.769 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.284 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 75 Resp: 175
Ion Ratio Lower Upper
75 100
77 35.0 25.1 37.7

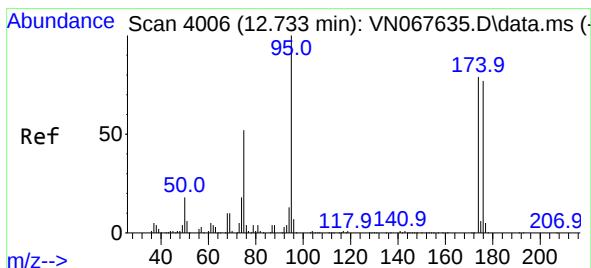
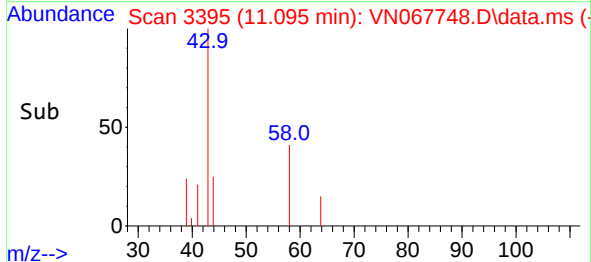
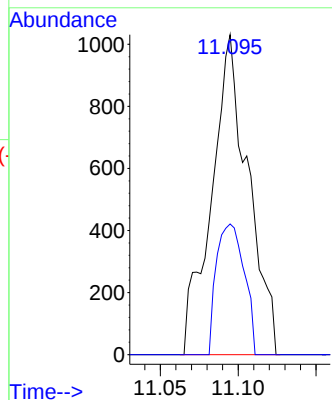
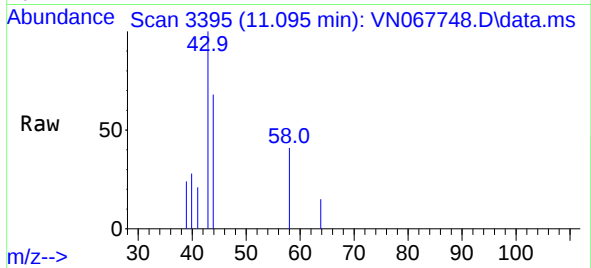




#59
2-Hexanone
Concen: 0.428 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

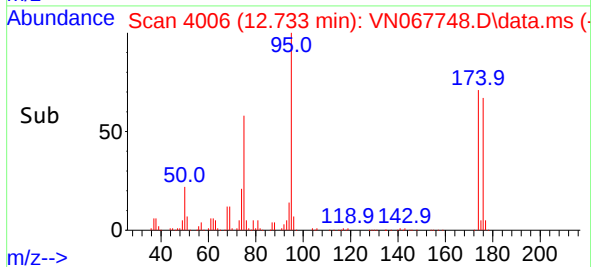
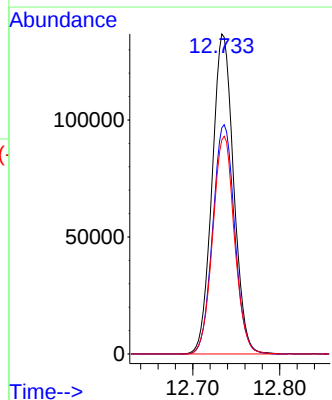
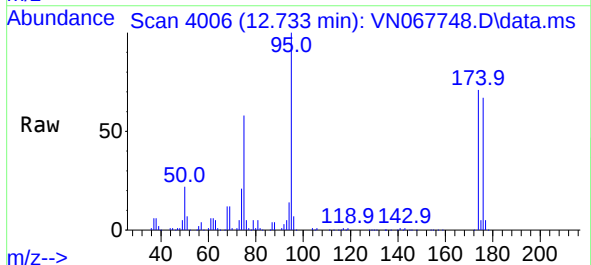
Instrument :
MSVOA_N
ClientSampled :

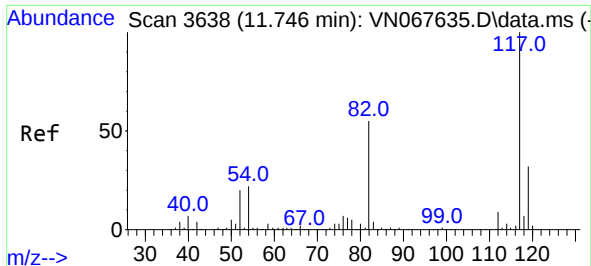
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 30.7 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 45.326 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 95 Resp: 235217
Ion Ratio Lower Upper
95 100
174 72.8 0.0 122.0
176 68.8 0.0 117.6

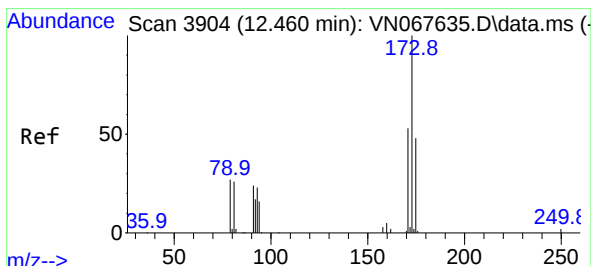
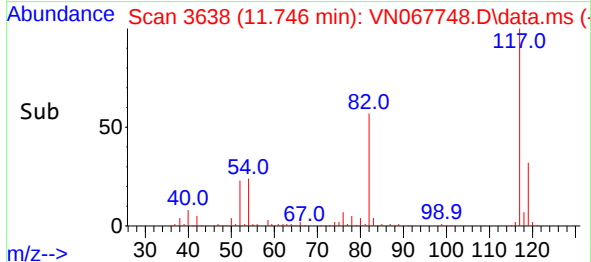
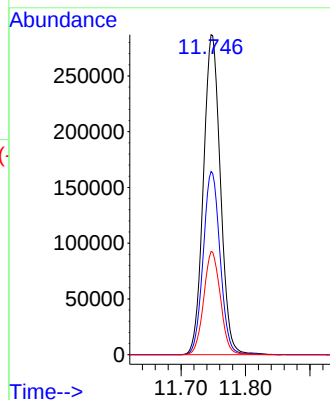
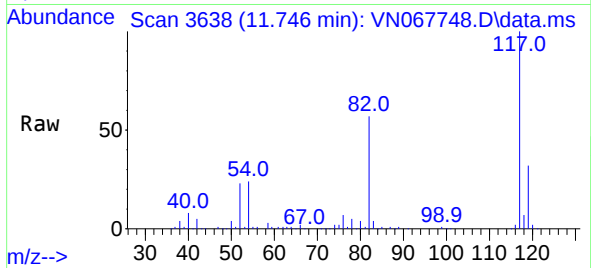




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

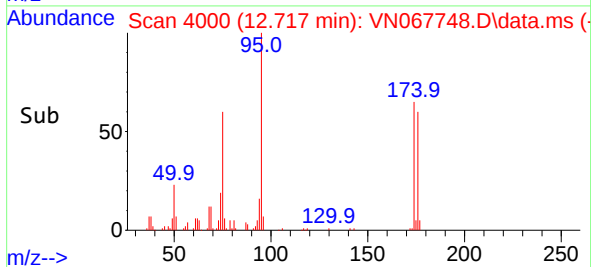
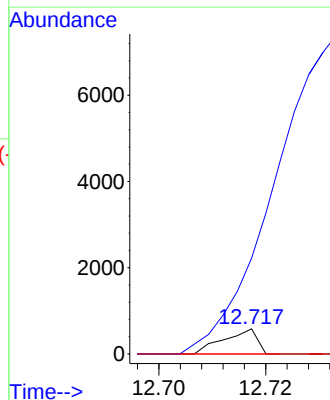
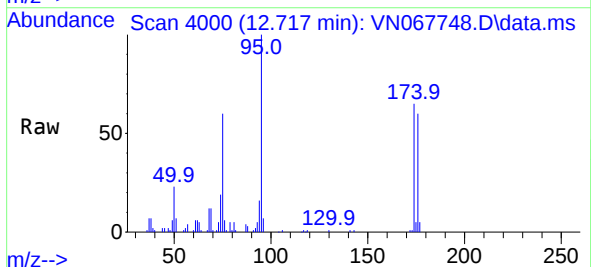
Instrument :
MSVOA_N
ClientSampled :

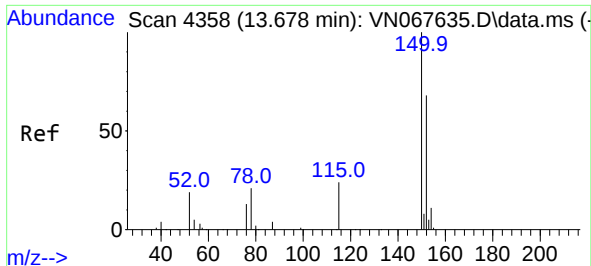
Tgt Ion:117 Resp: 526364
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 32.2 25.5 38.3



#71
Bromoform
Concen: 3.246 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion:173 Resp: 252
Ion Ratio Lower Upper
173 100
175 4763.5 23.9 71.8#
254 0.0 0.0 0.0

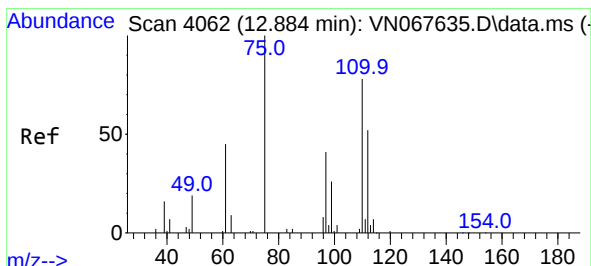
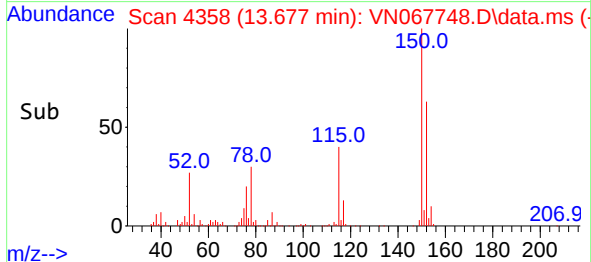
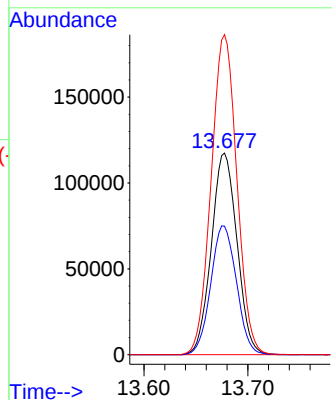
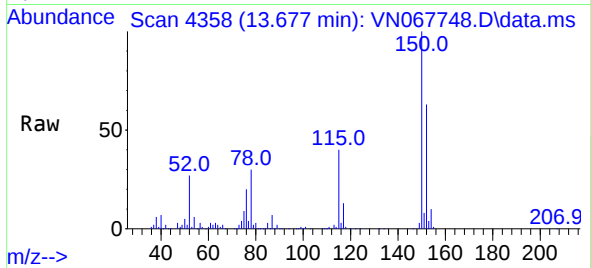




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

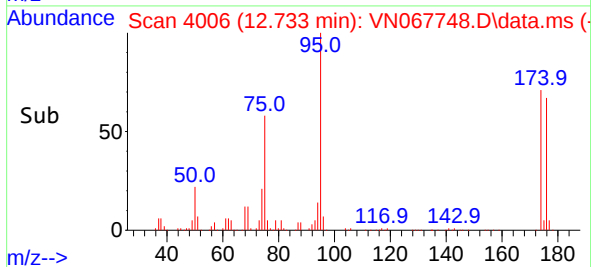
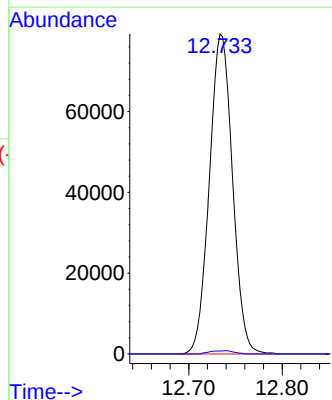
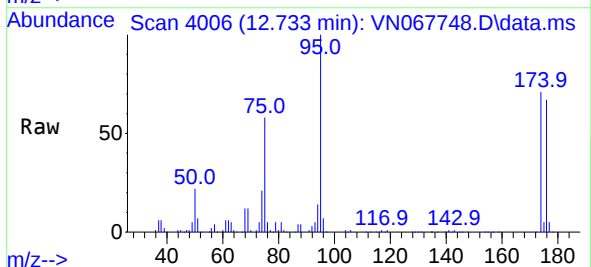
Instrument :
MSVOA_N
ClientSampled :

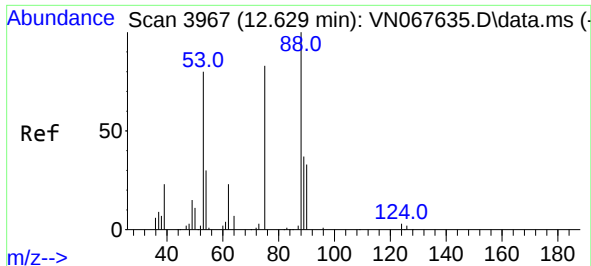
Tgt Ion:152 Resp: 201757
Ion Ratio Lower Upper
152 100
115 64.1 36.1 108.5
150 159.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.064 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion: 75 Resp: 136231
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

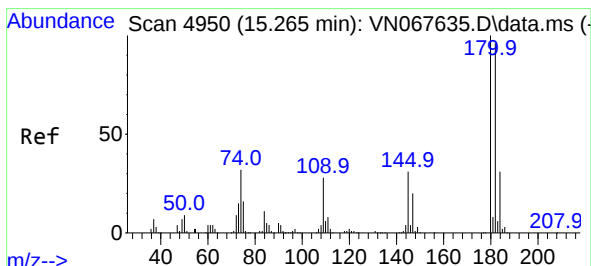
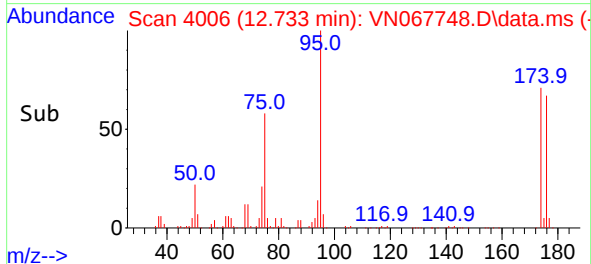
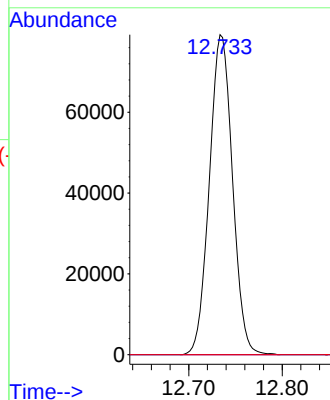
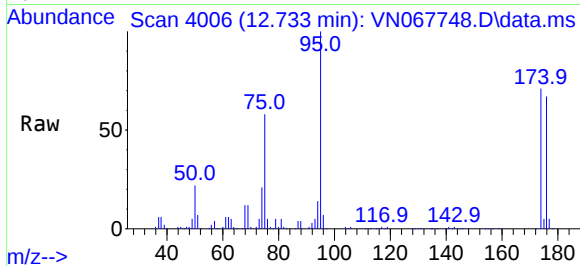




#81
trans-1,4-Dichloro-2-butene
Concen: 106.601 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

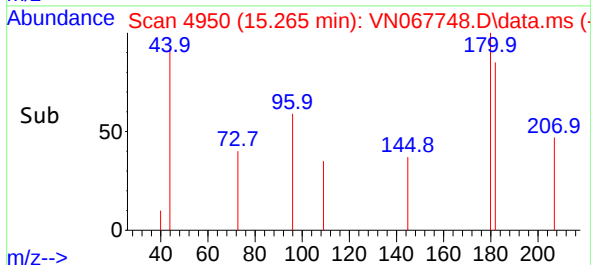
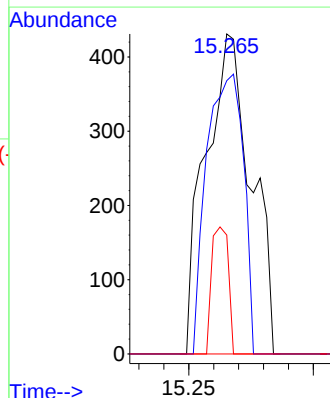
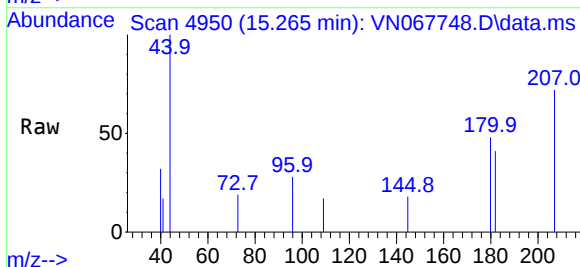
Instrument :
MSVOA_N
ClientSampled :

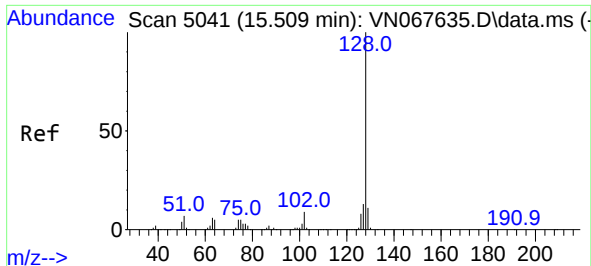
Tgt Ion: 75 Resp: 136231
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.829 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 70.1 47.5 142.5
145 14.4 17.2 51.6#

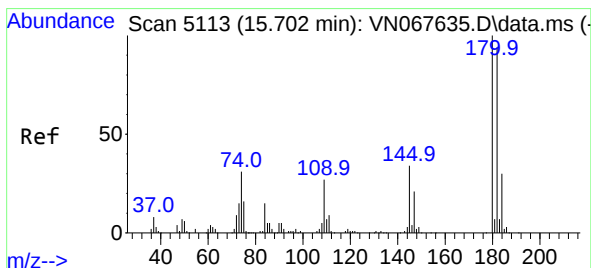
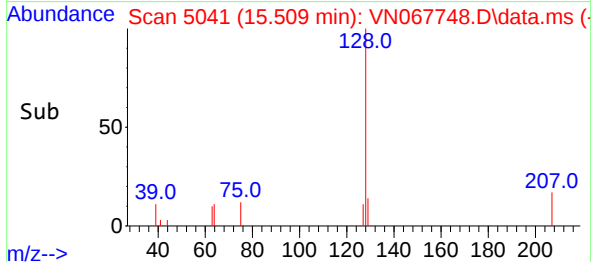
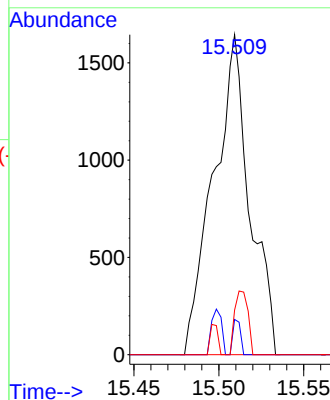
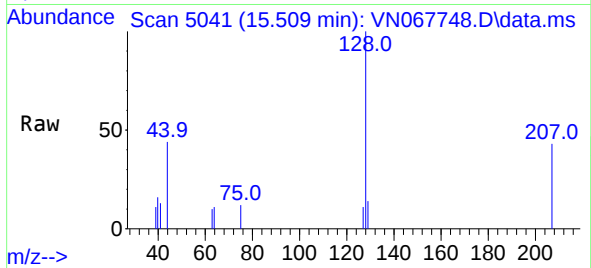




#95
Naphthalene
Concen: 3.244 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	2436
Ion	Ratio	Lower	Upper
128	100		
127	2.3	10.6	15.8#
129	7.3	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.748 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067748.D
Acq: 14 Jul 2021 17:08

Tgt Ion:	180	Resp:	394
Ion	Ratio	Lower	Upper
180	100		
182	50.5	47.8	143.3
145	0.0	18.2	54.6#

