

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN067011.D
 Acq On : 5 Aug 2021 12:21
 Operator : JC/MD
 Sample : VN0805WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 05 15:54:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

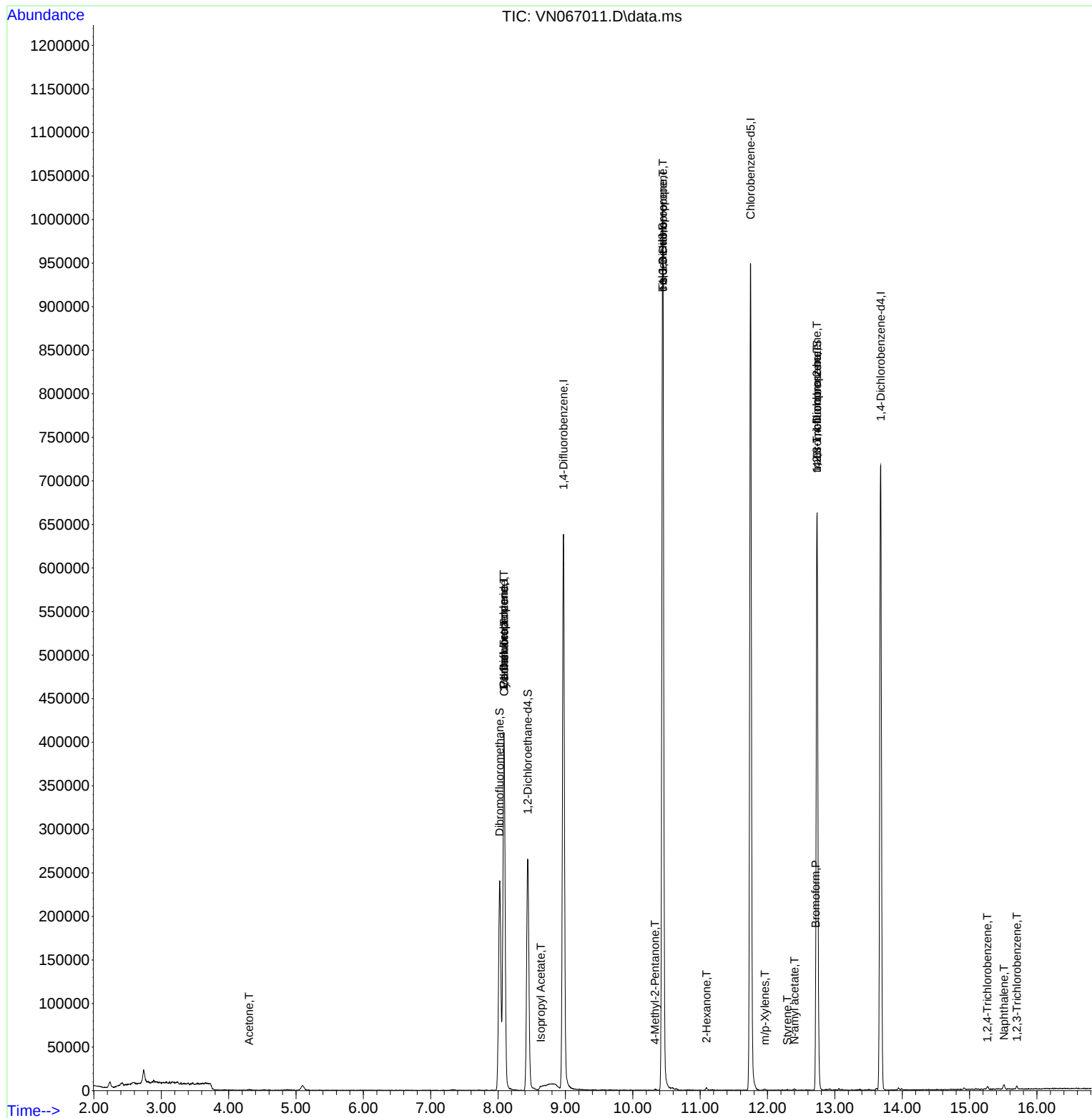
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	296360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	189962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231943	55.284	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	110.560%	
35) Dibromofluoromethane	8.024	113	176556	53.304	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	106.600%	
50) Toluene-d8	10.443	98	727261	47.763	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	95.520%	
62) 4-Bromofluorobenzene	12.736	95	235454	42.869	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	85.740%	
Target Compounds						Qvalue
16) Acetone	4.301	43	929	0.607	ug/l #	48
20) Methylene Chloride	5.098	84	200	Below Cal	#	64
31) Cyclohexane	8.091	56	7620	1.231	ug/l #	15
36) 1,1-Dichloropropene	8.086	75	27407	5.213	ug/l #	51
38) Carbon Tetrachloride	8.088	117	31836	6.158	ug/l #	17
43) Isopropyl Acetate	8.635	43	2049	0.249	ug/l #	58
51) 4-Methyl-2-Pentanone	10.330	43	1152	12.749	ug/l #	39
53) t-1,3-Dichloropropene	10.446	75	31	2.838	ug/l #	43
54) cis-1,3-Dichloropropene	10.446	75	31	2.359	ug/l #	65
59) 2-Hexanone	11.095	43	2507	13.843	ug/l	65
68) m/p-Xylenes	11.961	106	420	4.108	ug/l #	29
70) Styrene	12.294	104	373	2.656	ug/l #	42
71) Bromoform	12.715	173	53	4.044	ug/l #	29
74) N-amyl acetate	12.401	43	1184	0.220	ug/l #	70
76) 1,2,3-Trichloropropane	12.733	75	132809	34.812	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	132809	93.232	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	1073	2.836	ug/l	91
95) Naphthalene	15.512	128	5396	3.759	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.702	180	1394	2.875	ug/l	90

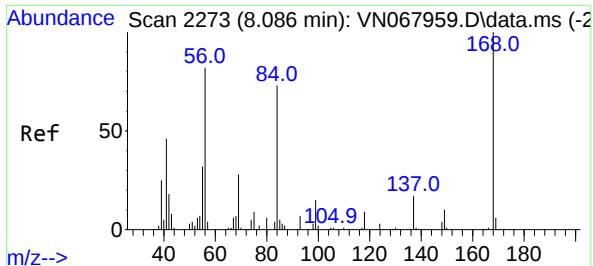
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN067011.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 05 15:54:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

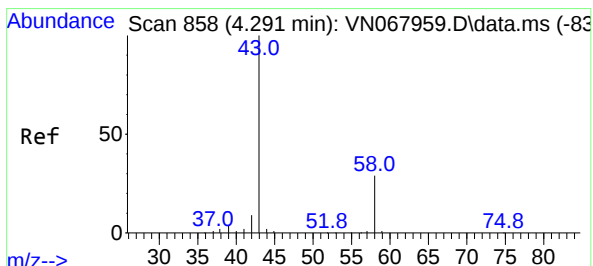
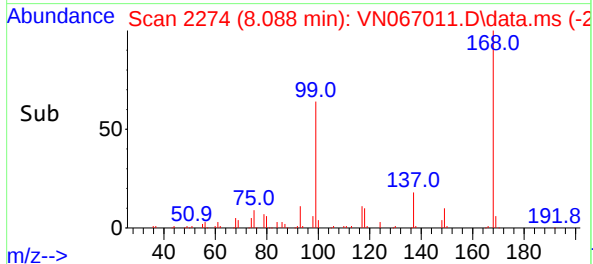
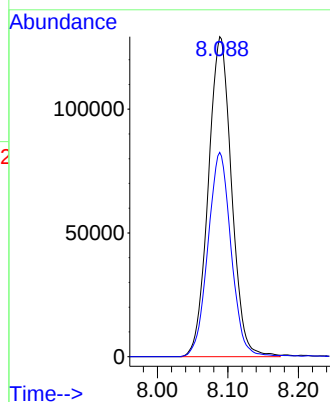
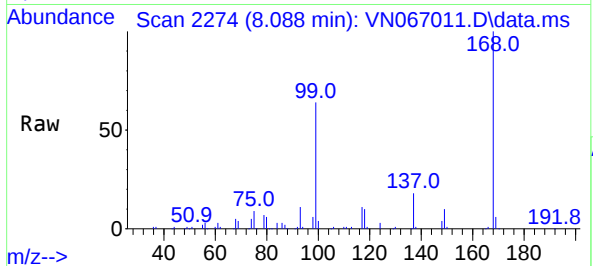




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

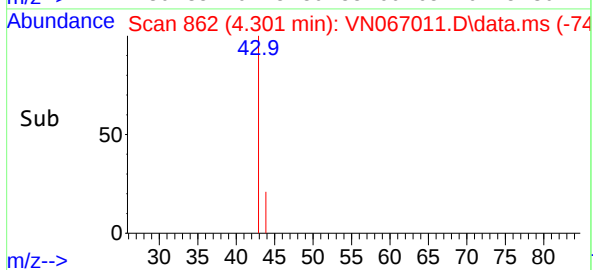
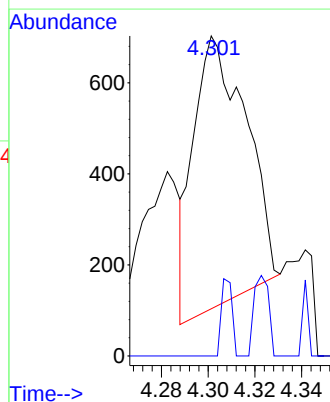
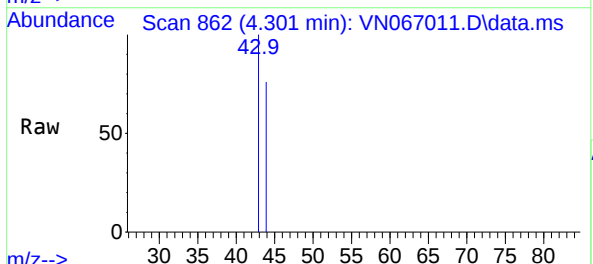
Instrument :
MSVOA_N
ClientSampleId :

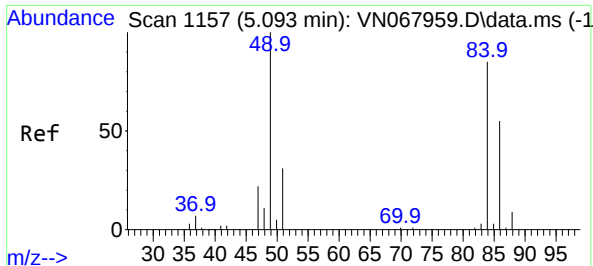
Tgt Ion:168 Resp: 296360
Ion Ratio Lower Upper
168 100
99 63.8 62.9 94.3



#16
Acetone
Concen: 0.607 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



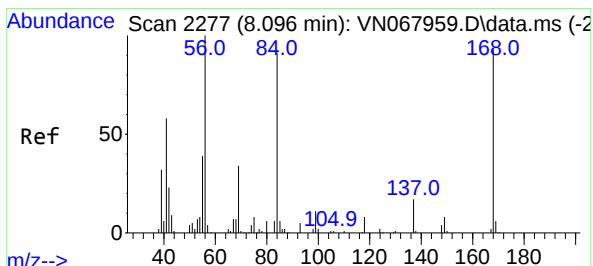
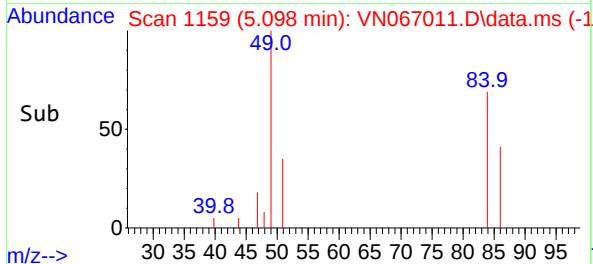
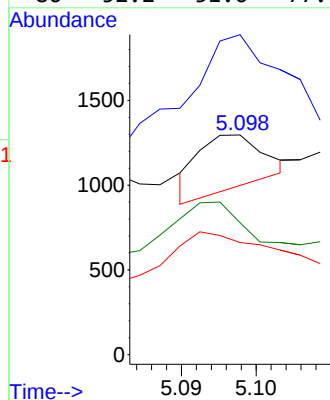
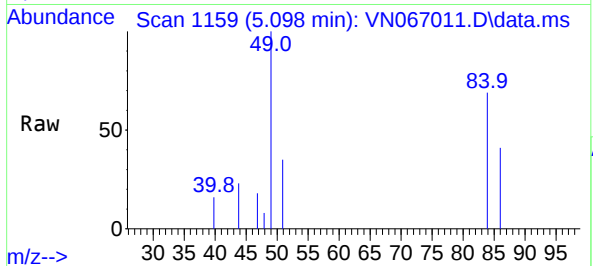


#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 200

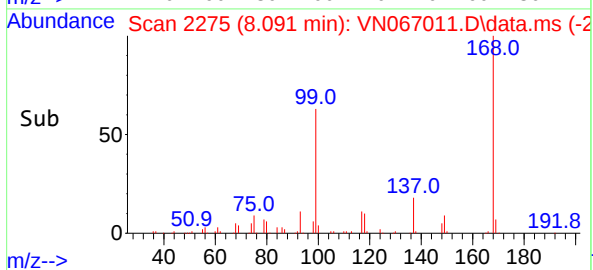
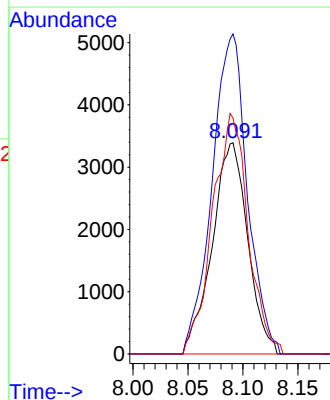
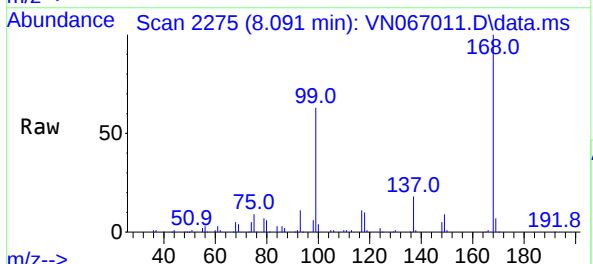
Ion	Ratio	Lower	Upper
84	100		
49	193.8	110.9	166.3#
51	20.1	32.6	49.0#
86	52.2	51.6	77.4

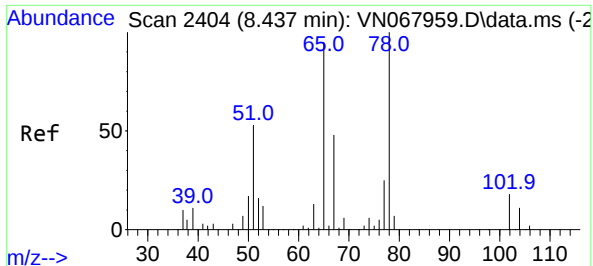


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 56 Resp: 7620

Ion	Ratio	Lower	Upper
56	100		
69	151.5	27.3	40.9#
84	111.7	64.9	97.3#



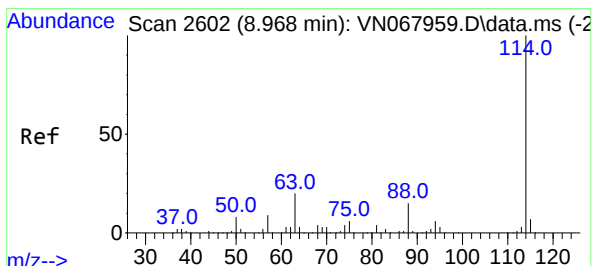
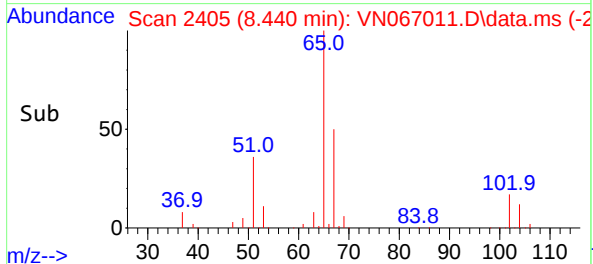
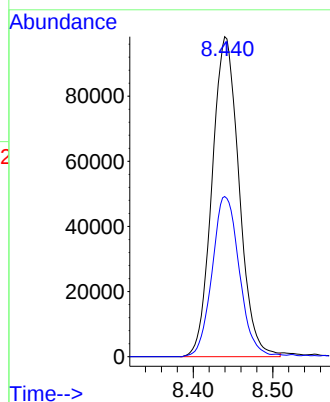
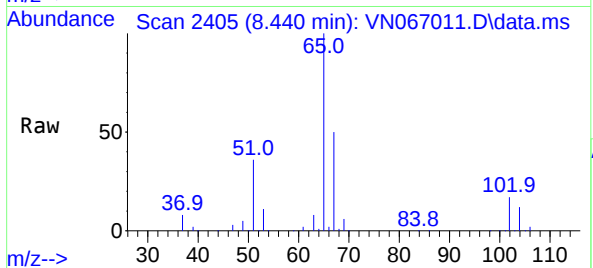


#33

1,2-Dichloroethane-d4
Concen: 55.284 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Instrument :
MSVOA_N
ClientSampled :

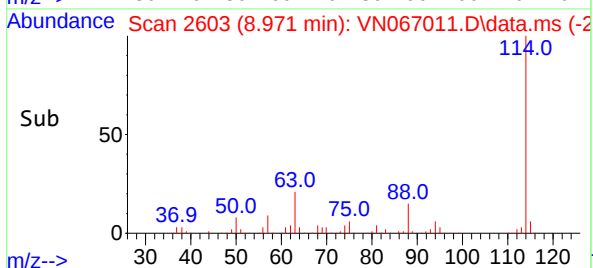
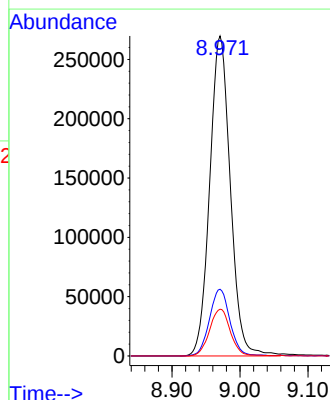
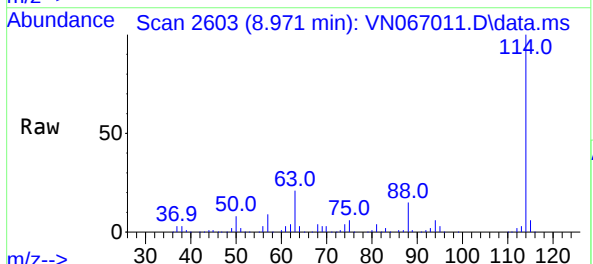
Tgt Ion: 65 Resp: 231943
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

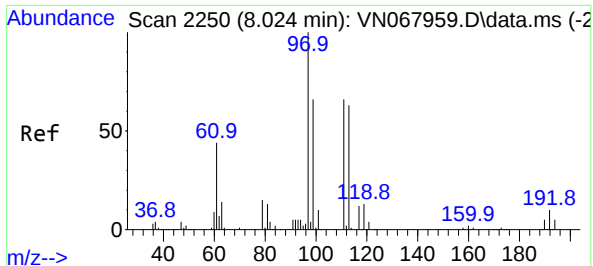


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 114 Resp: 568352
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 14.6 0.0 36.6

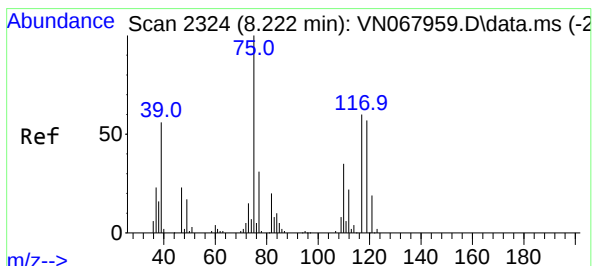
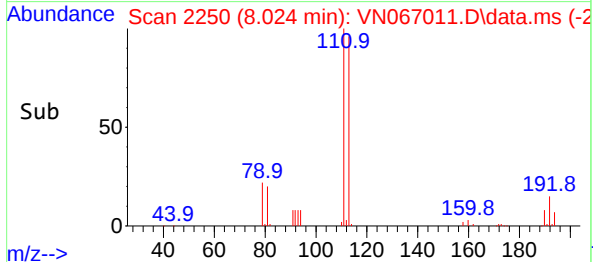
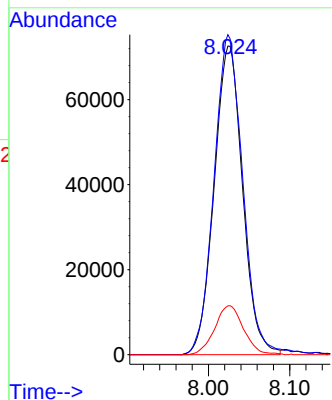
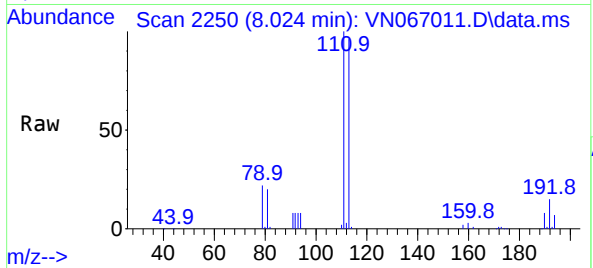




#35
Dibromofluoromethane
Concen: 53.304 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

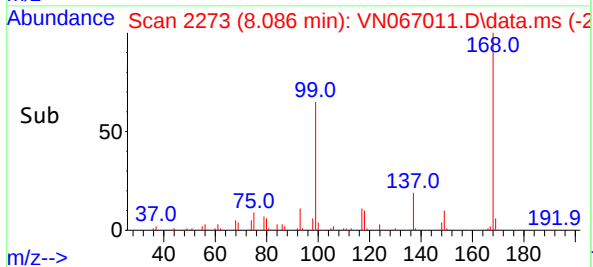
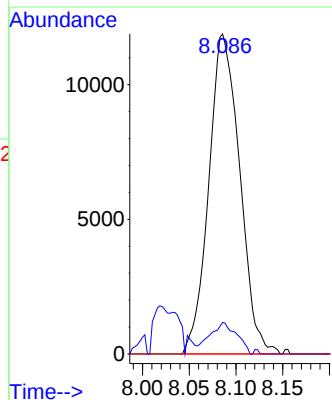
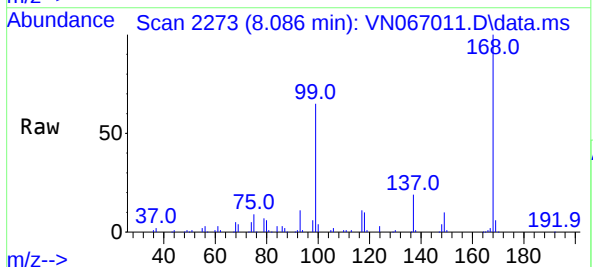
Instrument :
MSVOA_N
ClientSampleId :

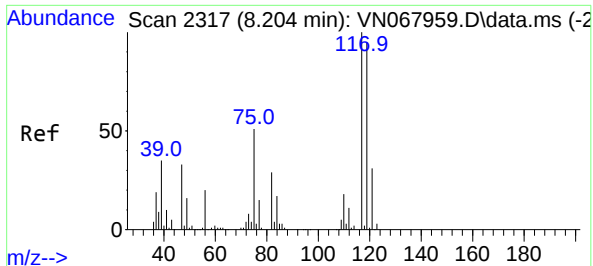
Tgt Ion:113 Resp: 176556
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.8
192 16.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.213 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

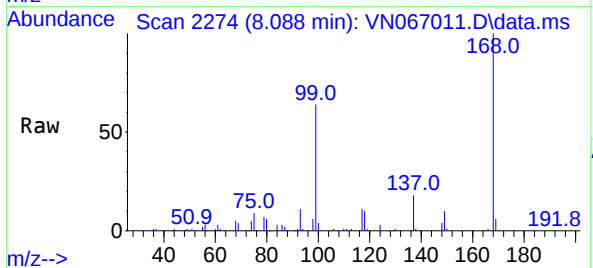
Tgt Ion: 75 Resp: 27407
Ion Ratio Lower Upper
75 100
110 8.5 15.7 47.0#
77 0.0 24.6 37.0#



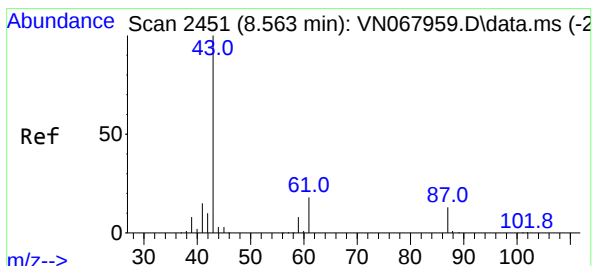
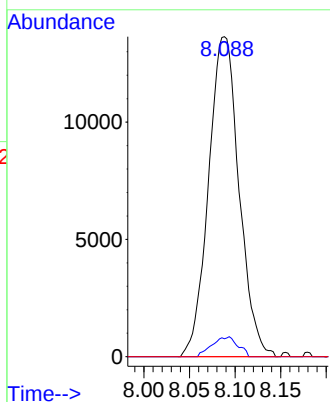
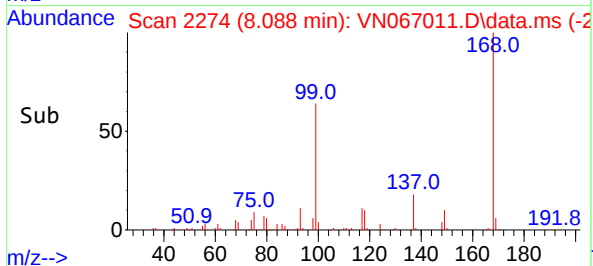


#38
Carbon Tetrachloride
Concen: 6.158 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

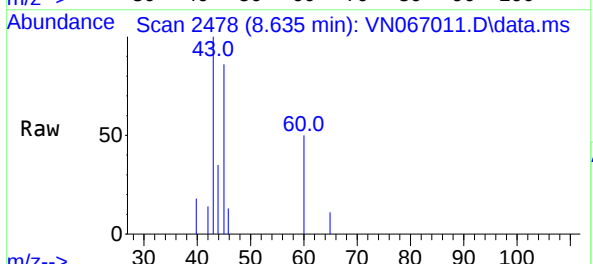
Instrument :
MSVOA_N
ClientSampled :



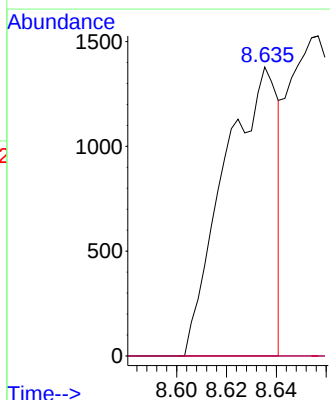
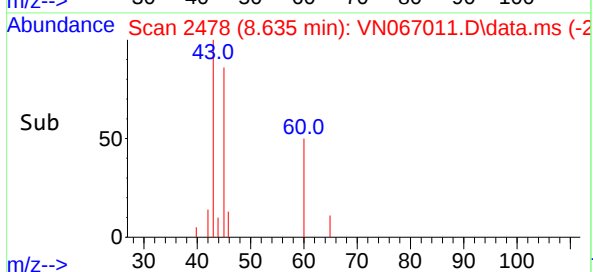
Tgt Ion:117 Resp: 31836
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 23.5 35.3#

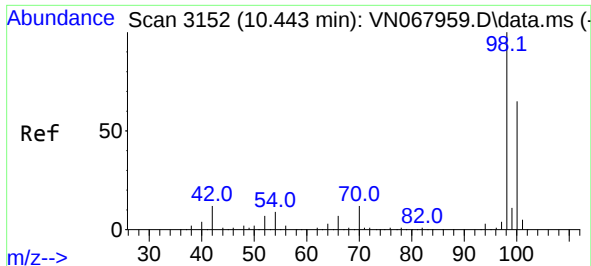


#43
Isopropyl Acetate
Concen: 0.249 ug/l
RT: 8.635 min Scan# 2478
Delta R.T. 0.072 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21



Tgt Ion: 43 Resp: 2049
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

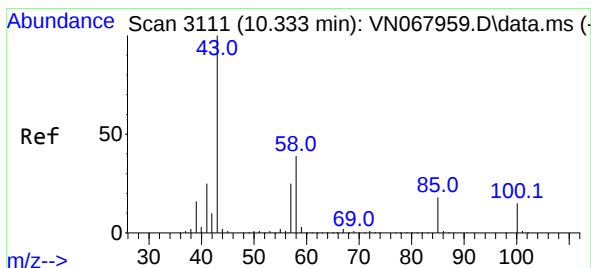
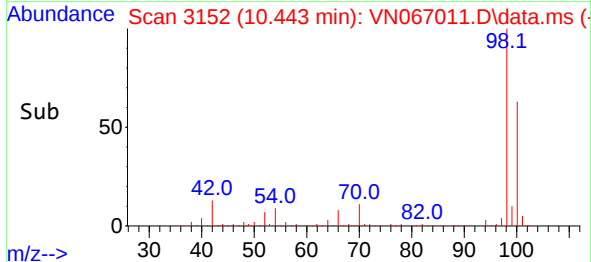
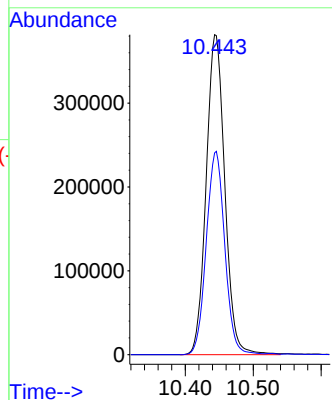
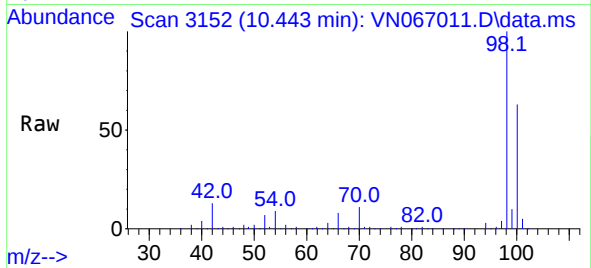




#50
Toluene-d8
Concen: 47.763 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

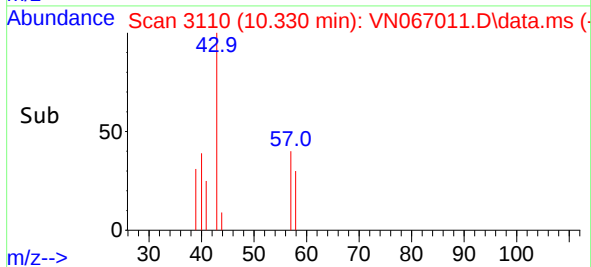
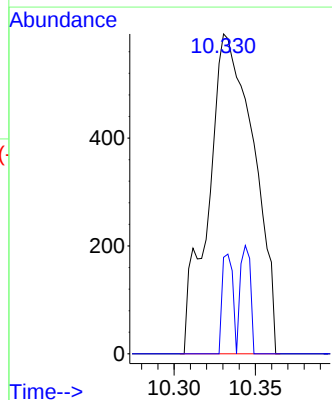
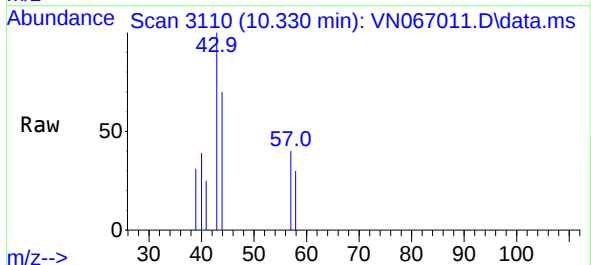
Instrument :
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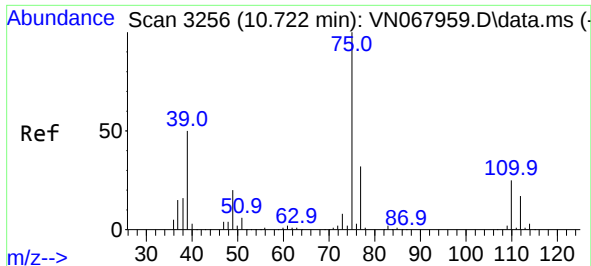
Tgt Ion: 98 Resp: 727261
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.749 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

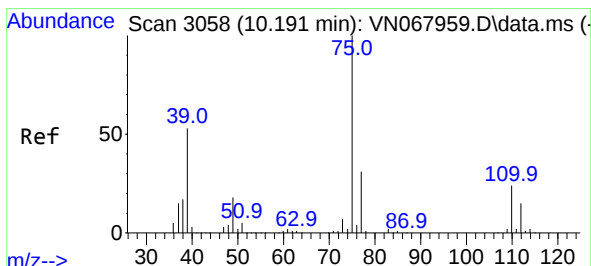
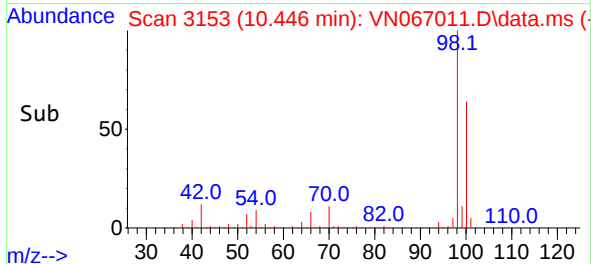
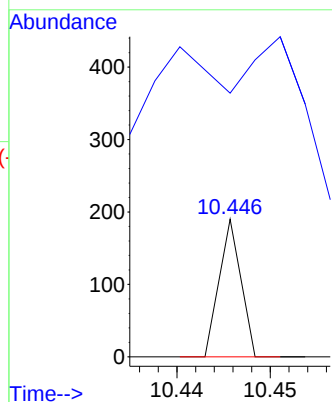
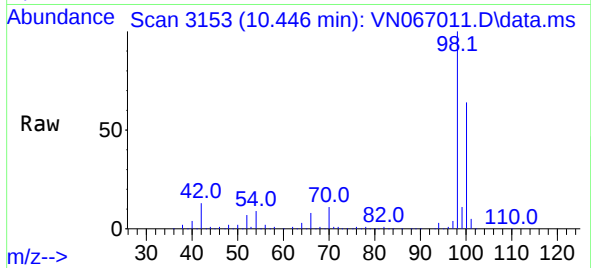




#53
t-1,3-Dichloropropene
Concen: 2.838 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

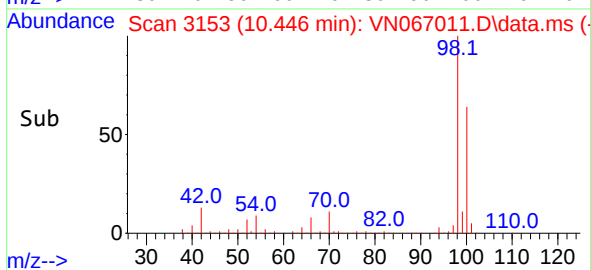
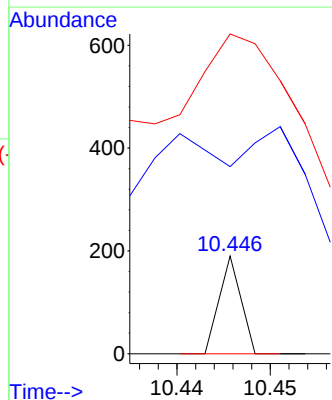
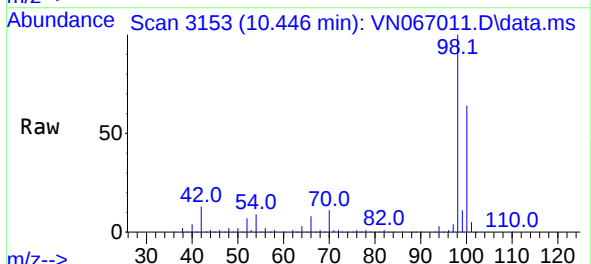
Instrument :
MSVOA_N
ClientSampled :

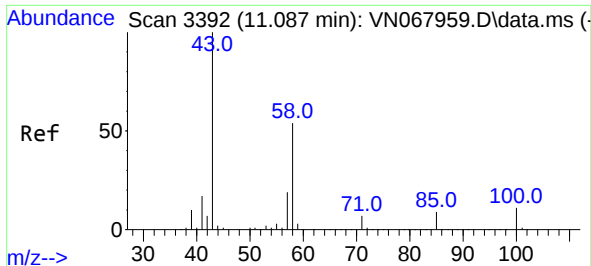
Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 2.359 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.255 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 82.6 50.7 76.1#

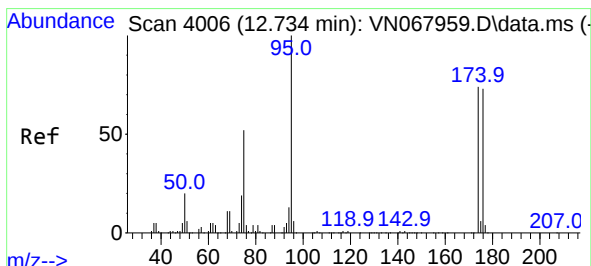
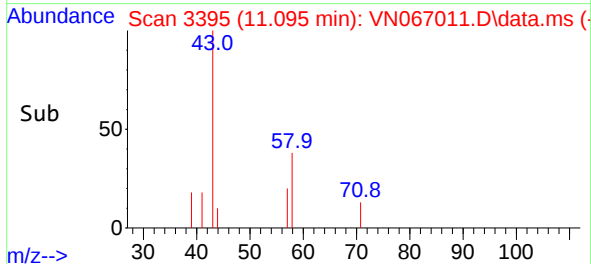
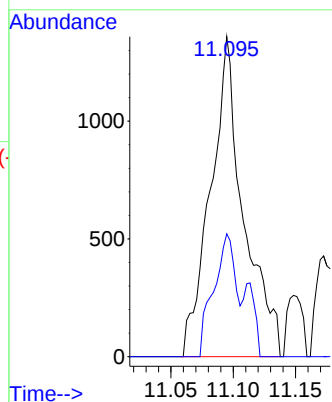
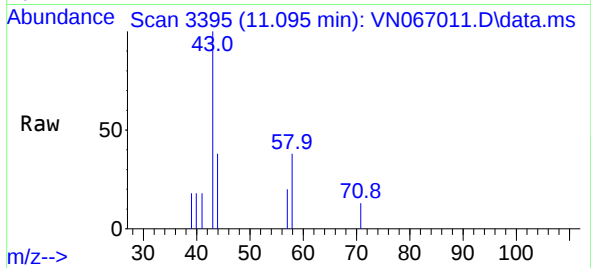




#59
2-Hexanone
Concen: 13.843 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

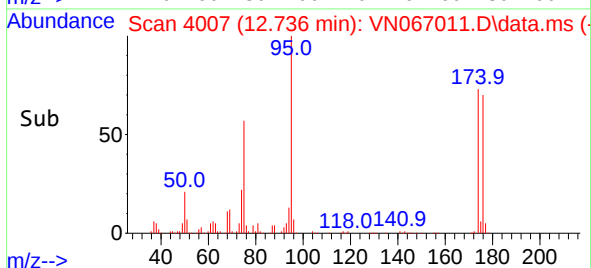
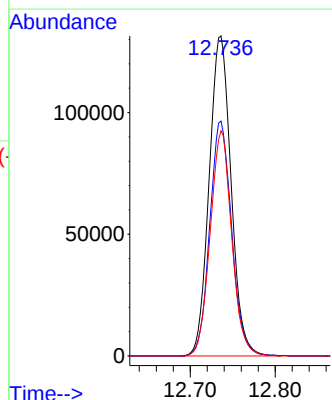
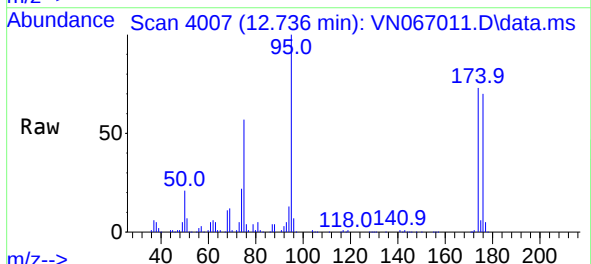
Instrument :
MSVOA_N
ClientSampleId :

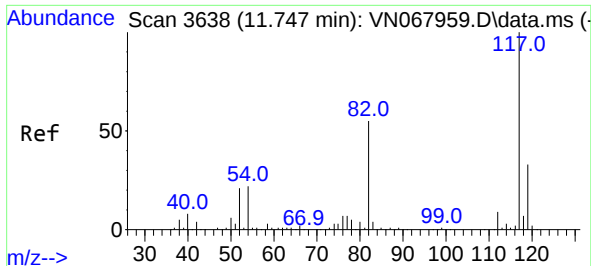
Tgt Ion: 43 Resp: 2507
Ion Ratio Lower Upper
43 100
58 25.6 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 42.869 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 95 Resp: 235454
Ion Ratio Lower Upper
95 100
174 73.4 0.0 122.0
176 69.1 0.0 117.6

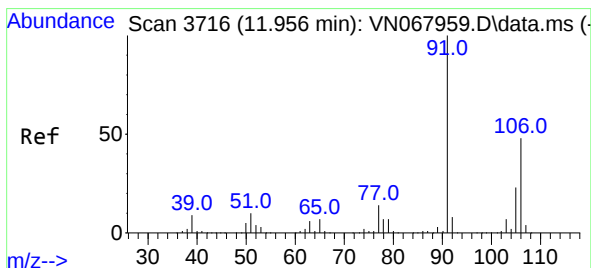
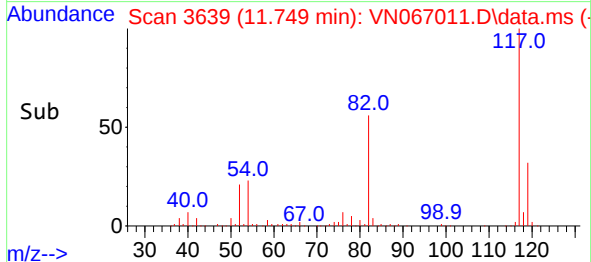
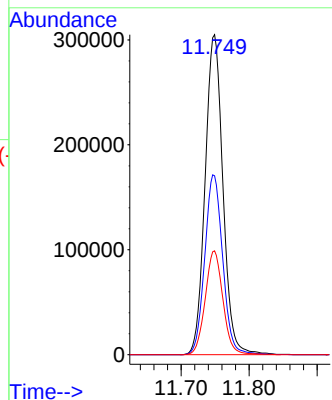
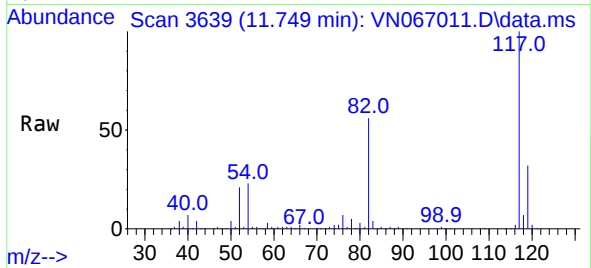




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

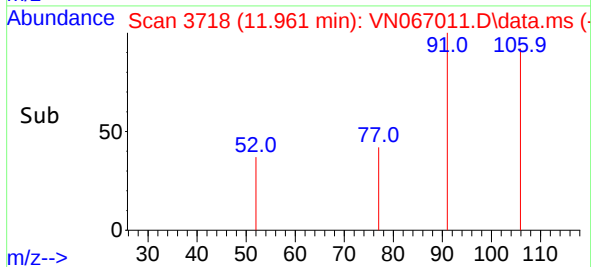
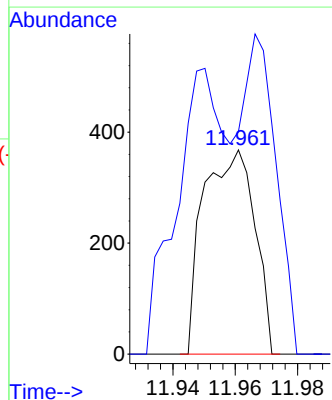
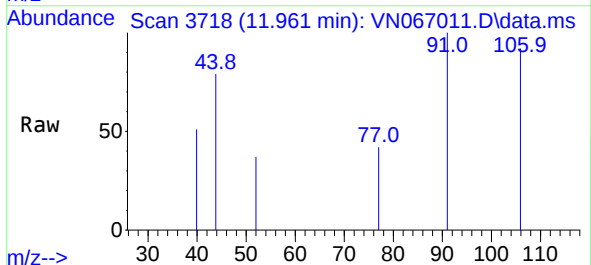
Instrument :
MSVOA_N
ClientSampleId :

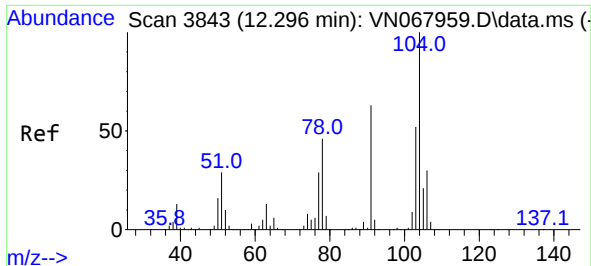
Tgt Ion:117 Resp: 557033
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 4.108 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion:106 Resp: 420
Ion Ratio Lower Upper
106 100
91 109.5 180.6 270.8#

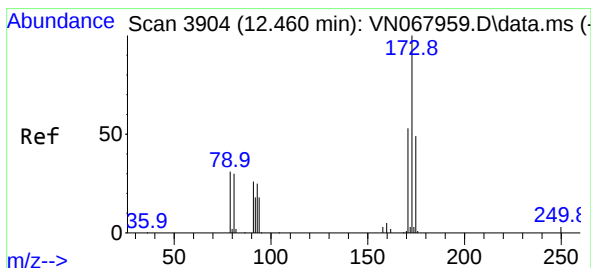
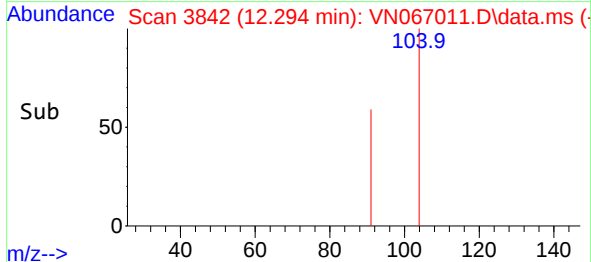
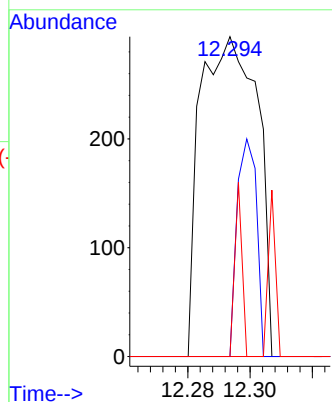
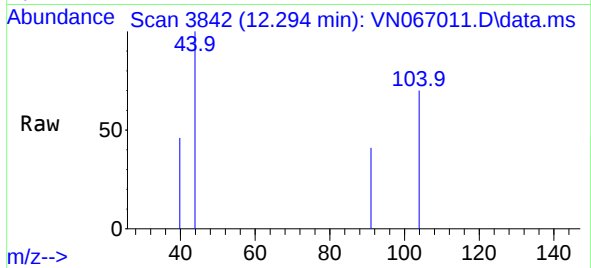




#70
Styrene
Concen: 2.656 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

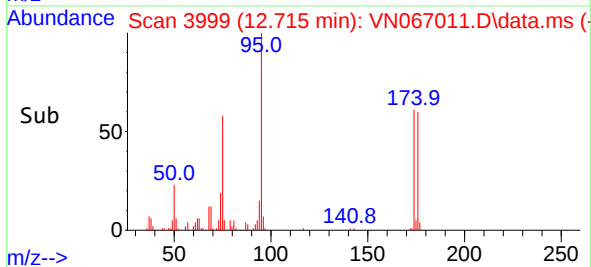
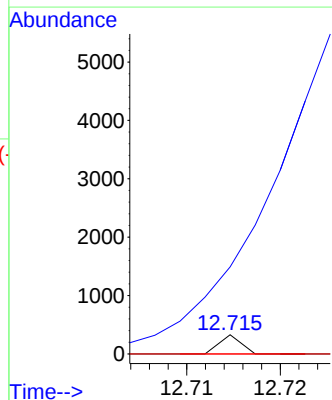
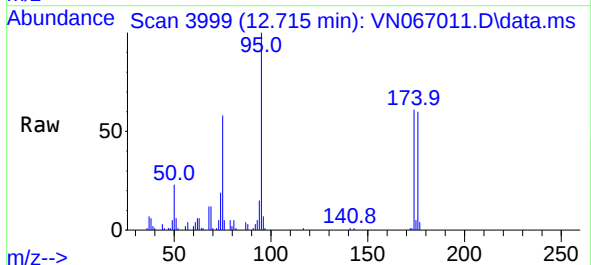
Instrument :
MSVOA_N
ClientSampleId :

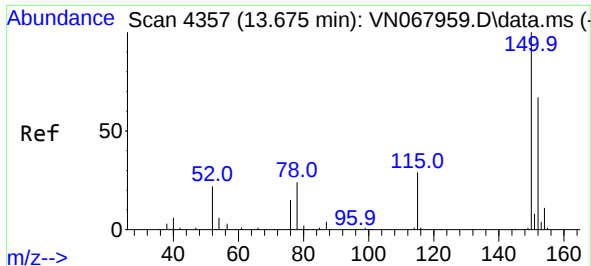
Tgt Ion:104 Resp: 373
Ion Ratio Lower Upper
104 100
78 23.1 48.2 72.2#
103 7.0 44.5 66.7#



#71
Bromoform
Concen: 4.044 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion:173 Resp: 53
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

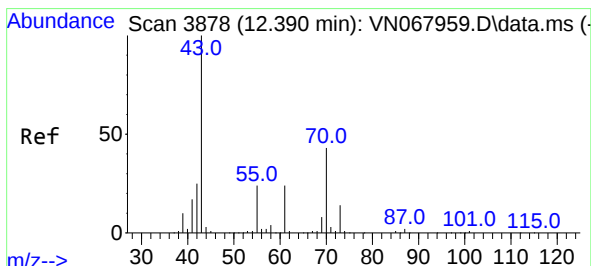
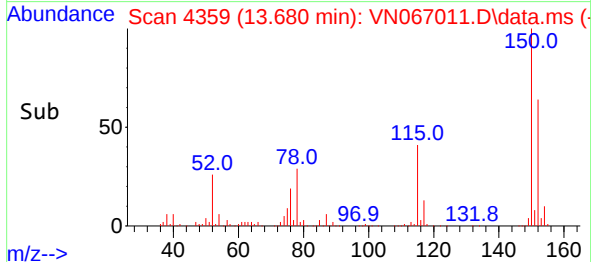
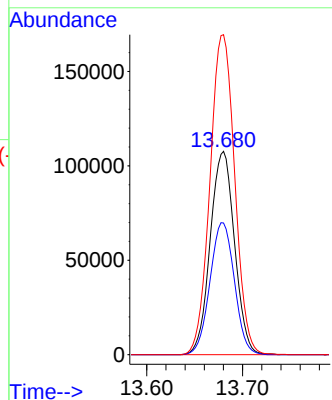
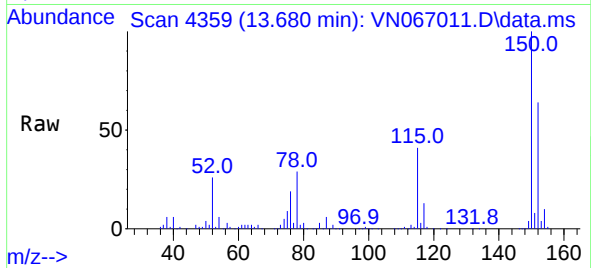




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

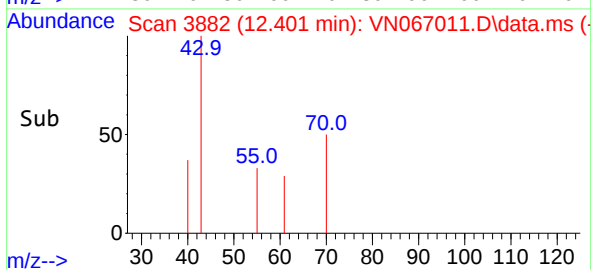
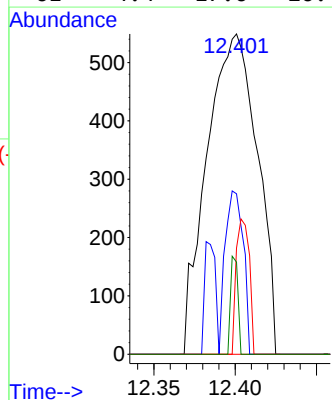
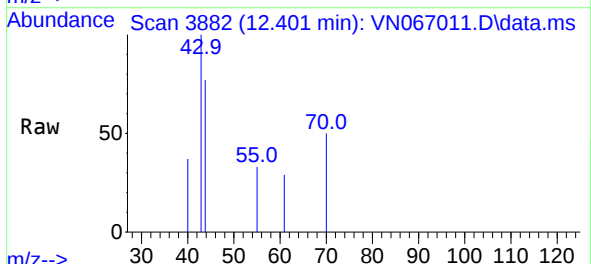
Instrument :
MSVOA_N
ClientSampleId :

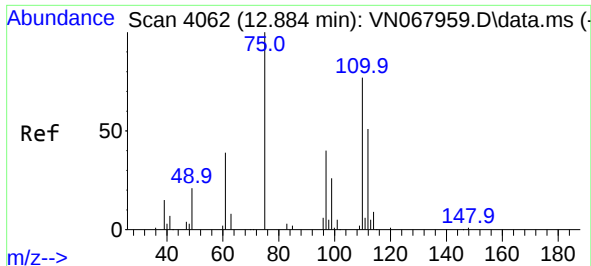
Tgt Ion:152 Resp: 189962
Ion Ratio Lower Upper
152 100
115 65.1 36.1 108.5
150 160.1 0.0 351.8



#74
N-ethyl acetate
Concen: 0.220 ug/l
RT: 12.401 min Scan# 3882
Delta R.T. 0.011 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
70 18.2 29.4 44.2#
55 10.9 17.0 25.4#
61 4.4 17.6 26.4#

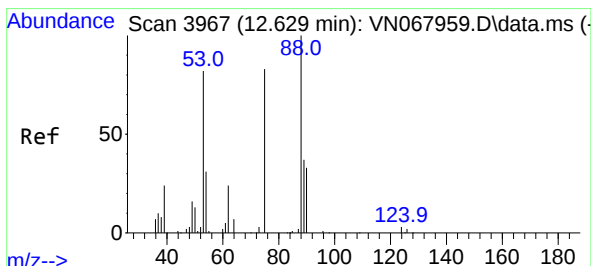
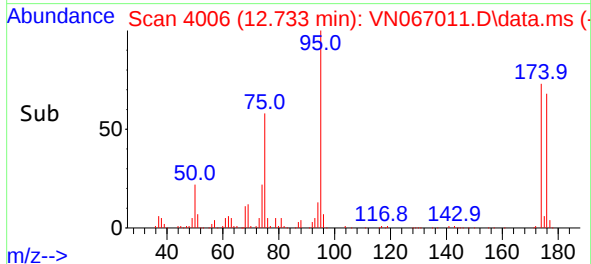
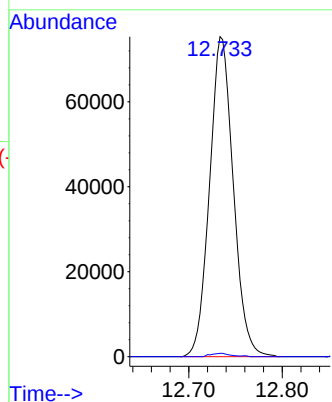
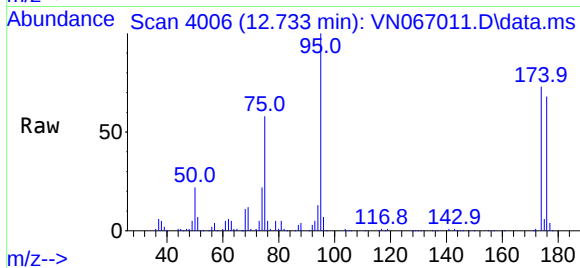




#76
1,2,3-Trichloropropane
Concen: 34.812 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

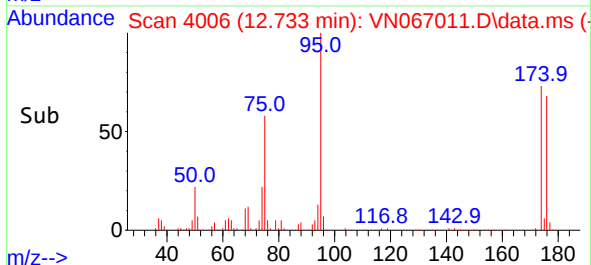
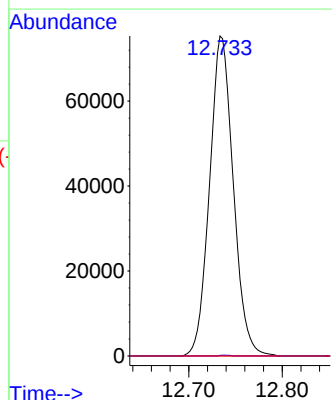
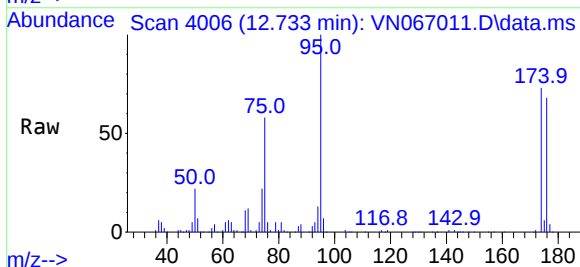
Instrument :
MSVOA_N
ClientSampleId :

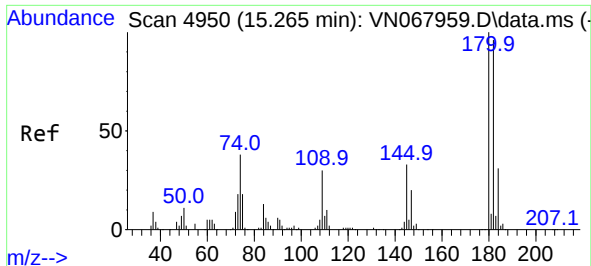
Tgt Ion: 75 Resp: 132809
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.232 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 75 Resp: 132809
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

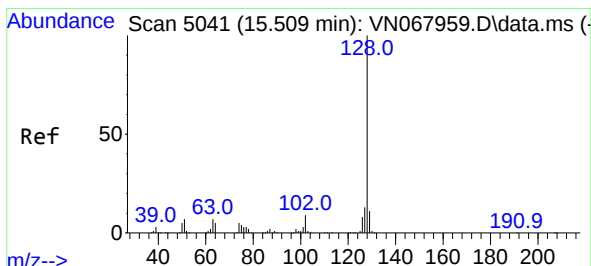
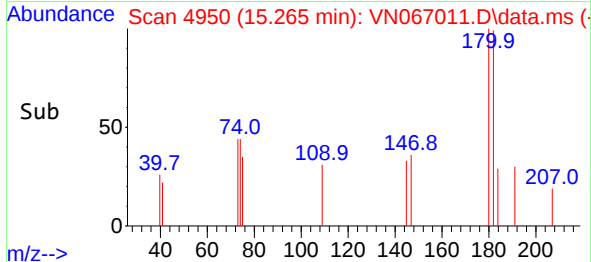
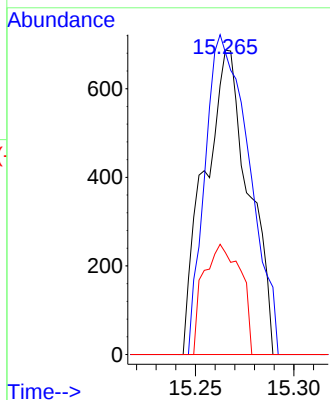
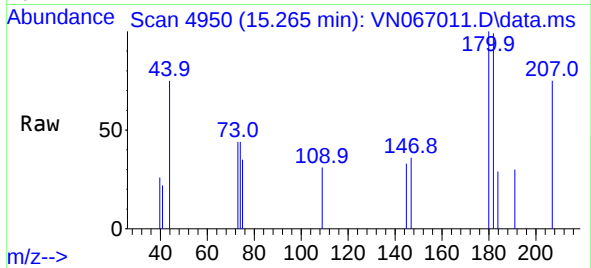




#93
1,2,4-Trichlorobenzene
Concen: 2.836 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

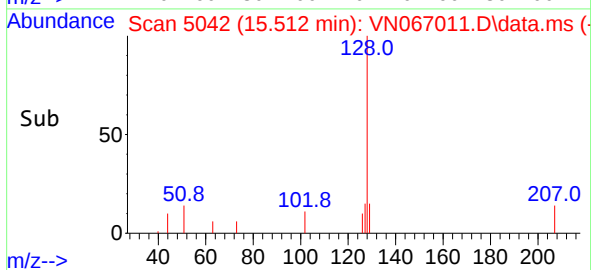
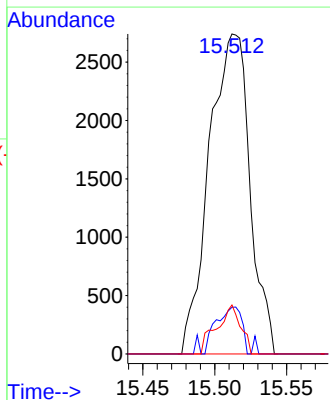
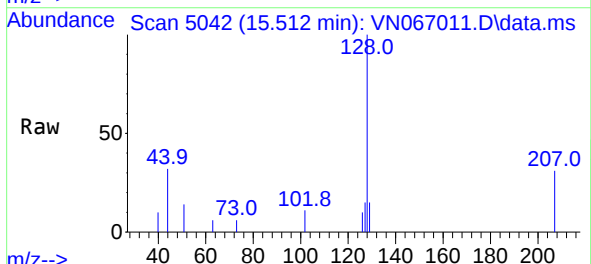
Instrument :
MSVOA_N
ClientSampled :

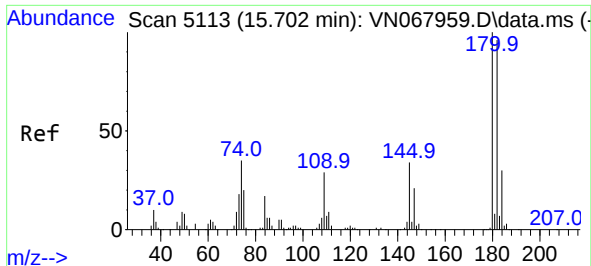
Tgt Ion:180 Resp: 1073
Ion Ratio Lower Upper
180 100
182 105.0 47.5 142.5
145 30.4 17.2 51.6



#95
Naphthalene
Concen: 3.759 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067011.D
Acq: 5 Aug 2021 12:21

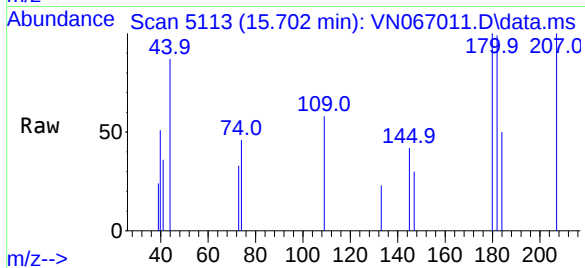
Tgt Ion:128 Resp: 5396
Ion Ratio Lower Upper
128 100
127 9.2 10.6 15.8#
129 9.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.875 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067011.D
 Acq: 5 Aug 2021 12:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1394

Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.8	143.3
145	19.4	18.2	54.6

