

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067236.D
 Acq On : 5 Jun 2021 17:36
 Operator : JC/MD
 Sample : M2589-39
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18-B12(2-4)

Quant Time: Jun 07 01:17:14 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)

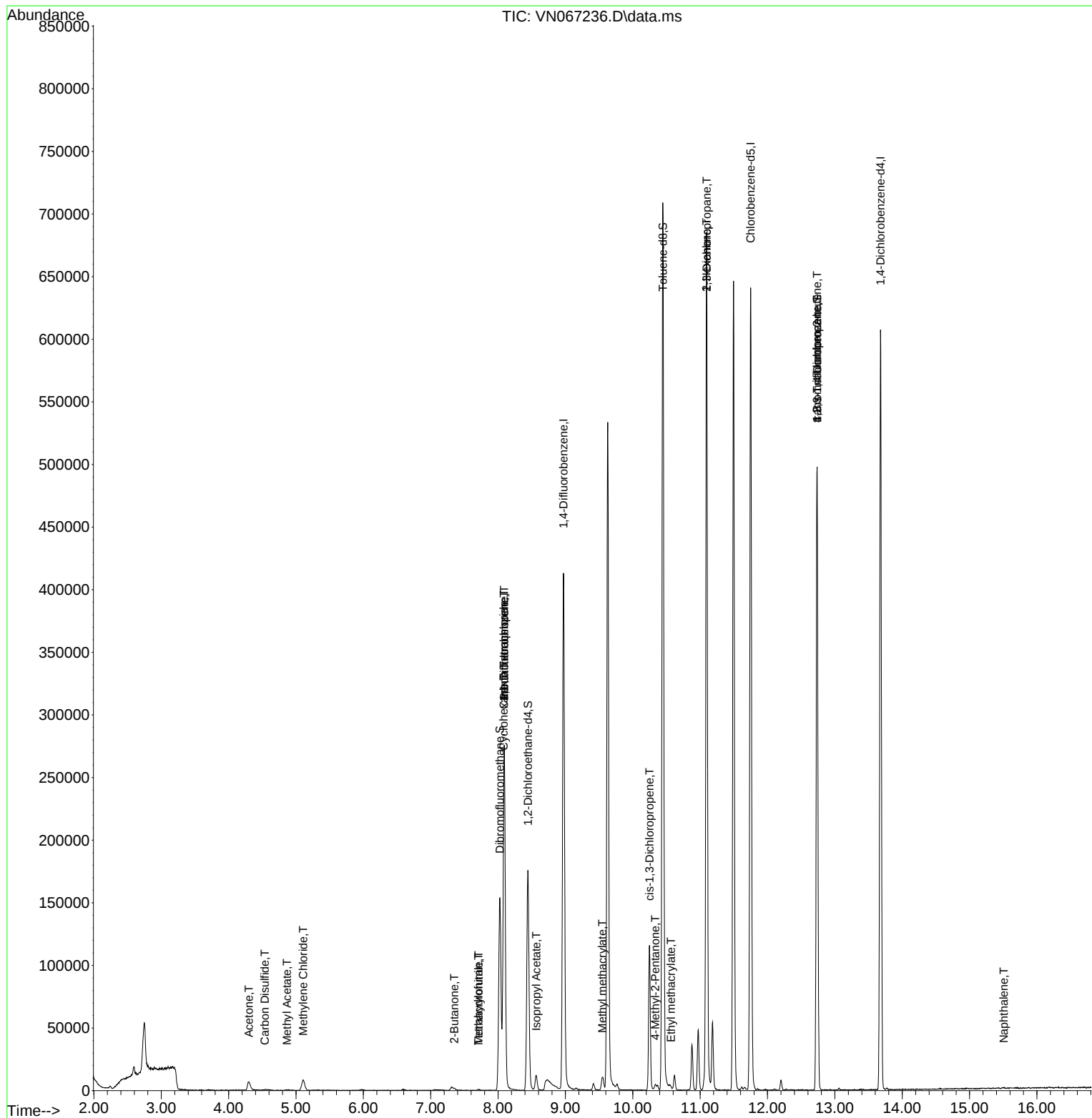
Internal Standards						
1) Pentafluorobenzene	8.091	168	217692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	379672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	370904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	159187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	138431	46.650	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	93.300%	
35) Dibromofluoromethane	8.027	113	111175	47.234	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	94.460%	
50) Toluene-d8	10.446	98	499255	52.082	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	104.160%	
62) 4-Bromofluorobenzene	12.736	95	159225	43.128	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	86.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	13501	13.186	ug/l	93
17) Carbon Disulfide	4.537	76	1308	0.216	ug/l #	74
18) Methyl Acetate	4.867	43	1326	0.457	ug/l #	48
20) Methylene Chloride	5.106	84	6668	2.586	ug/l	91
25) 2-Butanone	7.351	43	2614	1.594	ug/l	96
29) Tetrahydrofuran	7.707	42	514	0.527	ug/l #	28
31) Cyclohexane	8.083	56	5196	1.304	ug/l #	59
36) 1,1-Dichloropropene	8.091	75	17142	4.889	ug/l #	48
38) Carbon Tetrachloride	8.088	117	21506	5.616	ug/l #	14
41) Methacrylonitrile	7.710	41	489	0.279	ug/l #	19
43) Isopropyl Acetate	8.568	43	14385	2.238	ug/l #	83
48) Methyl methacrylate	9.547	41	3496	1.255	ug/l #	22
51) 4-Methyl-2-Pentanone	10.336	43	2755	0.731	ug/l	90
54) cis-1,3-Dichloropropene	10.247	75	21411	4.611	ug/l #	67
56) Ethyl methacrylate	10.566	69	1194	0.269	ug/l #	68
57) 1,3-Dichloropropane	11.097	76	6817	1.518	ug/l #	42
59) 2-Hexanone	11.095	43	108921	39.788	ug/l #	44
76) 1,2,3-Trichloropropane	12.736	75	89719	29.308	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	89719	71.708	ug/l #	15
95) Naphthalene	15.507	128	667	4.510	ug/l #	69

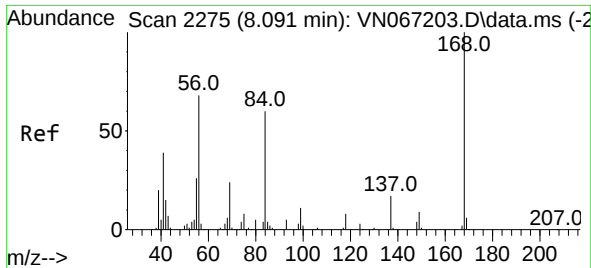
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(2-4)

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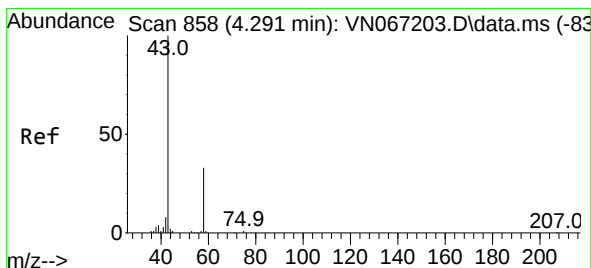
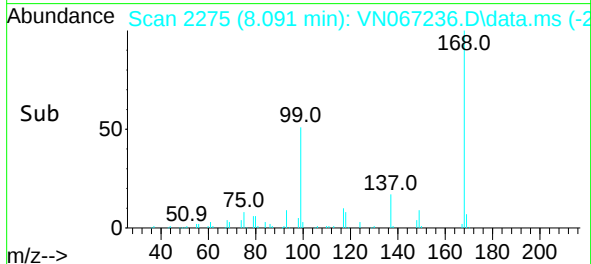
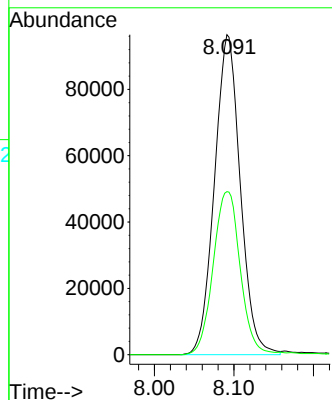
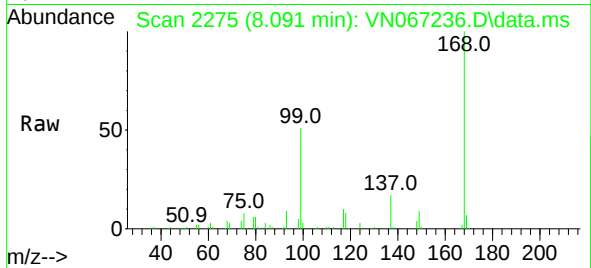




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

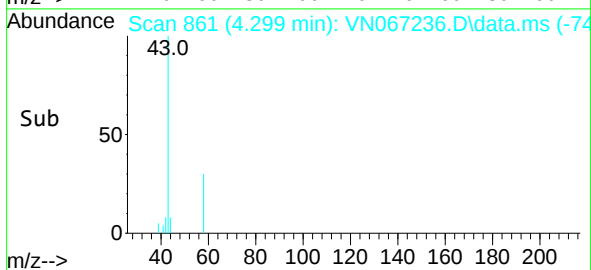
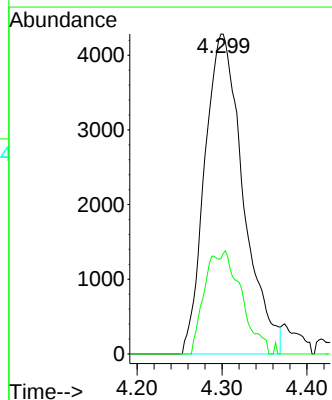
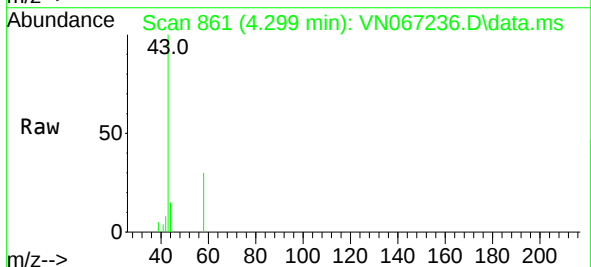
Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)

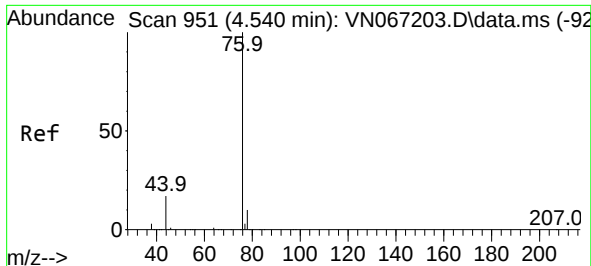
Tgt Ion:168 Resp: 217692
Ion Ratio Lower Upper
168 100
99 50.9 38.5 57.7



#16
Acetone
Concen: 13.186 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 43 Resp: 13501
Ion Ratio Lower Upper
43 100
58 29.8 27.2 40.8

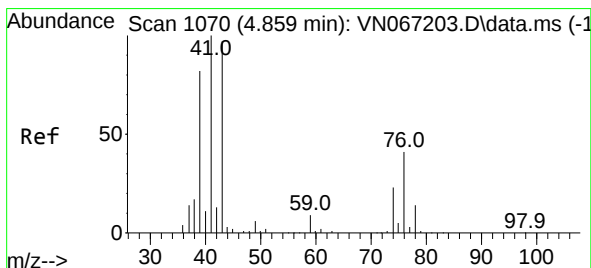
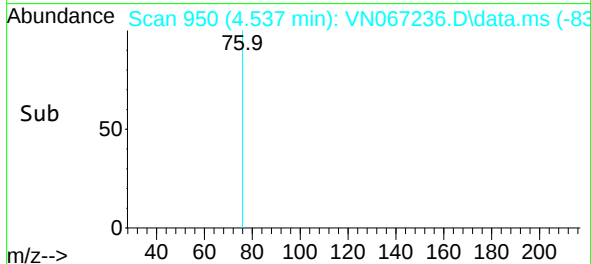
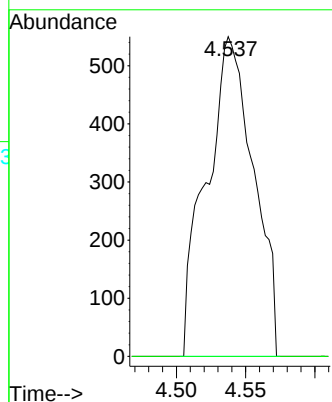
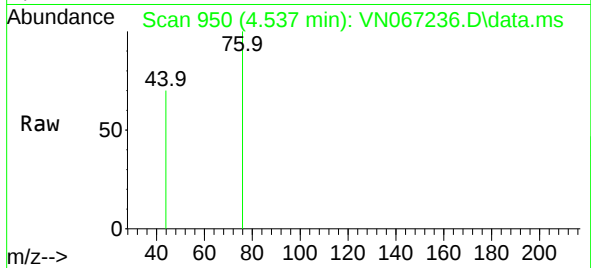




#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 4.537 min Scan# 950
Delta R.T. -0.003 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

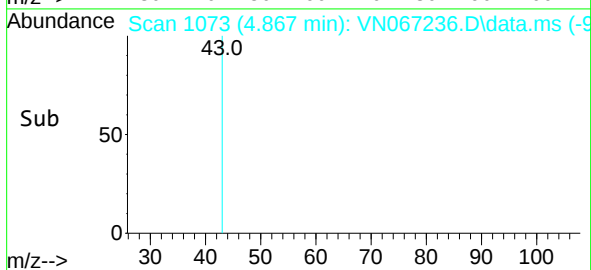
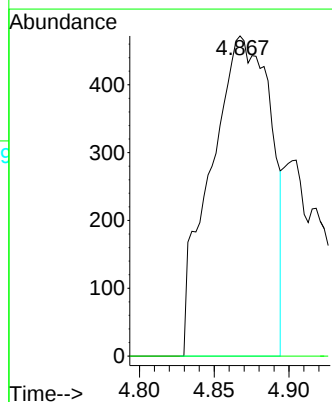
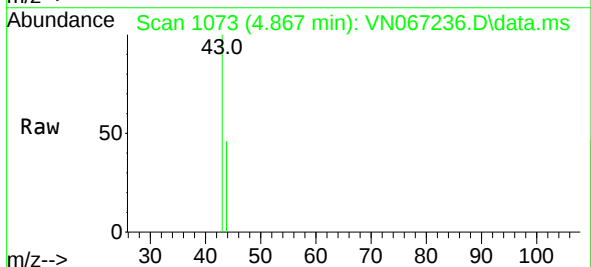
Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)

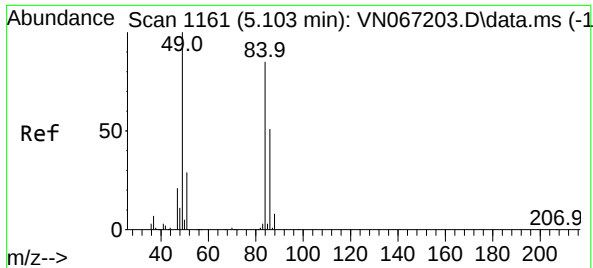
Tgt Ion: 76 Resp: 1308
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.457 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.008 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

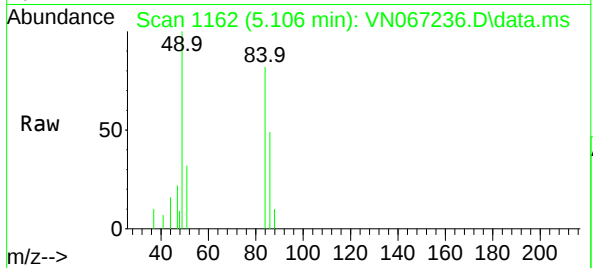
Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



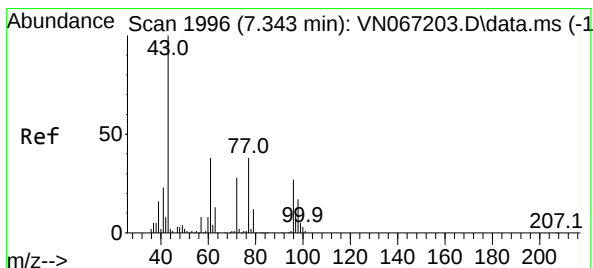
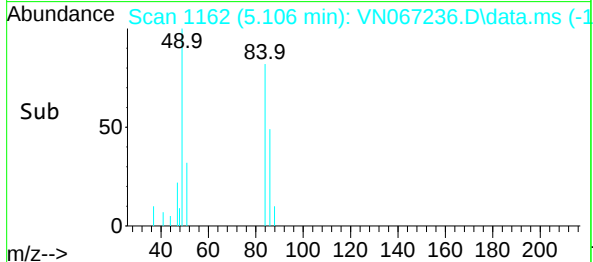
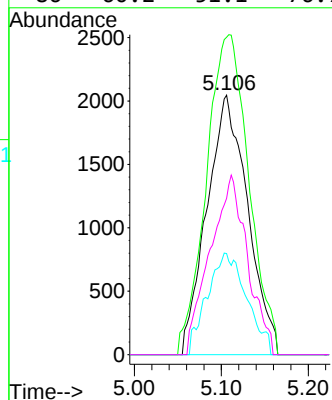


#20
Methylene Chloride
Concen: 2.586 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

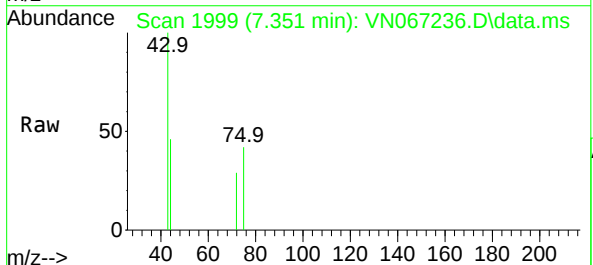
Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)



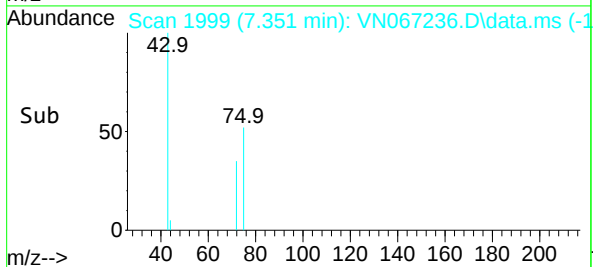
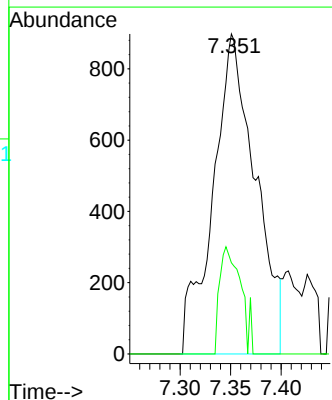
Tgt Ion:	84	Resp:	6668
Ion	Ratio	Lower	Upper
84	100		
49	122.3	88.3	132.5
51	39.0	26.7	40.1
86	60.2	51.1	76.7

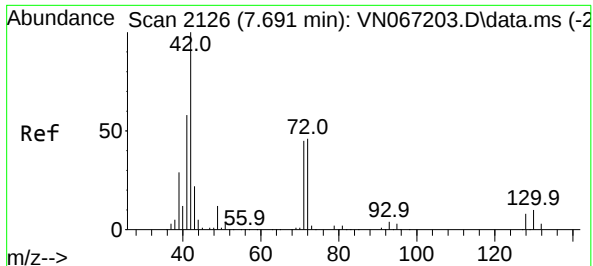


#25
2-Butanone
Concen: 1.594 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36



Tgt Ion:	43	Resp:	2614
Ion	Ratio	Lower	Upper
43	100		
72	28.5	24.4	36.6





#29

Tetrahydrofuran

Concen: 0.527 ug/l

RT: 7.707 min Scan# 2132

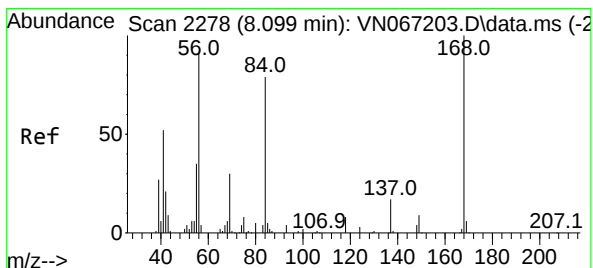
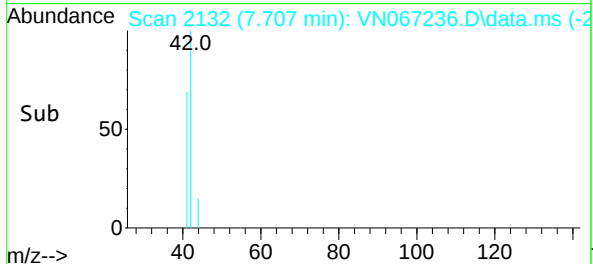
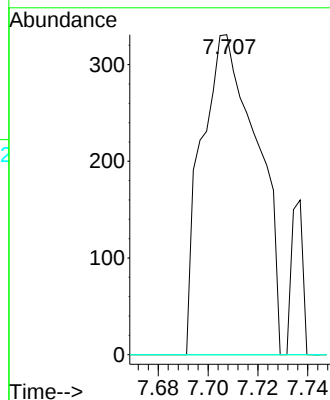
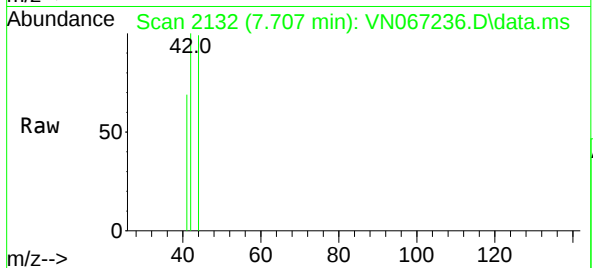
Delta R.T. 0.016 min

Lab File: VN067236.D

Acq: 5 Jun 2021 17:36

Tgt Ion:	42	Resp:	514
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	0.0	37.9	56.9#

Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)



#31

Cyclohexane

Concen: 1.304 ug/l

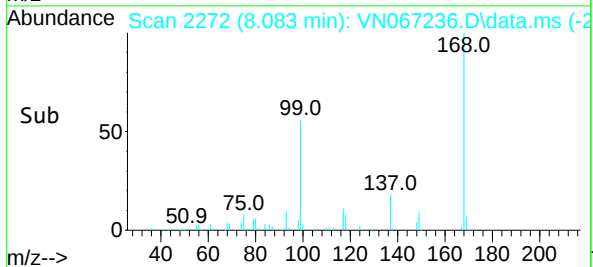
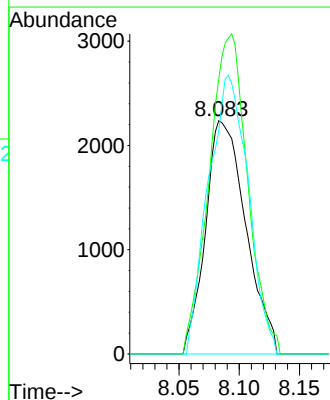
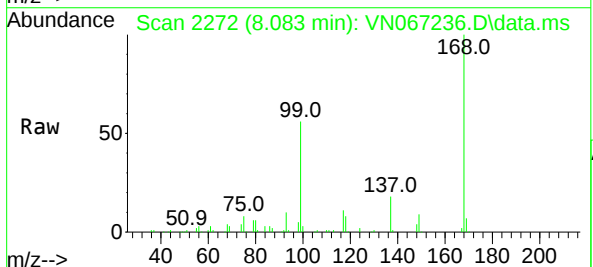
RT: 8.083 min Scan# 2272

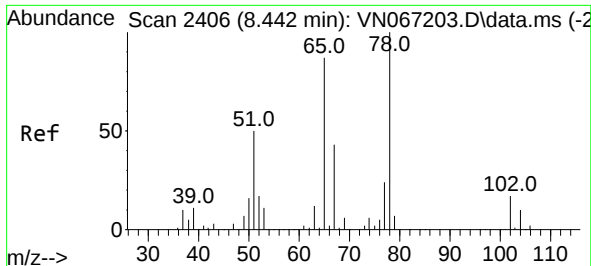
Delta R.T. -0.016 min

Lab File: VN067236.D

Acq: 5 Jun 2021 17:36

Tgt Ion:	56	Resp:	5196
Ion	Ratio	Lower	Upper
56	100		
69	117.9	28.0	42.0#
84	95.7	74.2	111.2



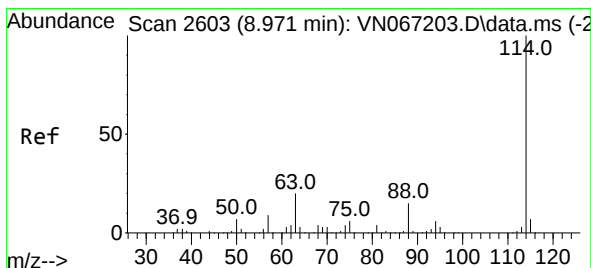
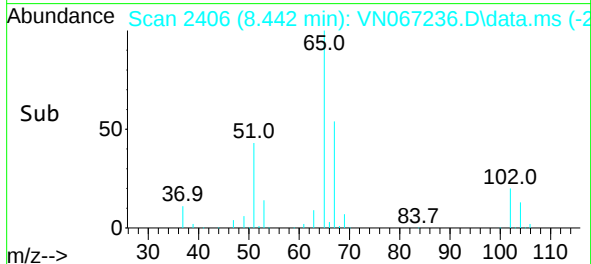
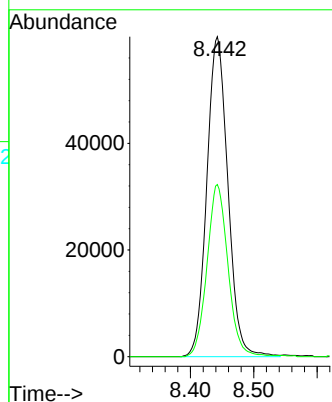
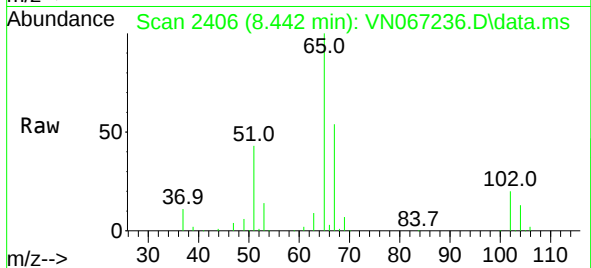


#33

1,2-Dichloroethane-d4
Concen: 46.650 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)

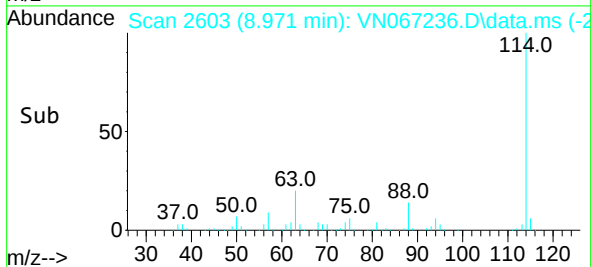
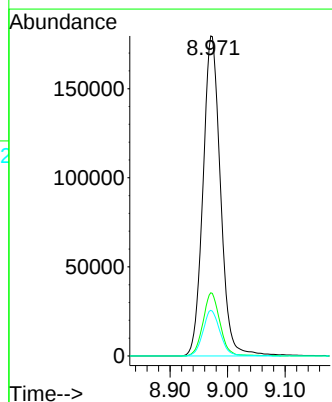
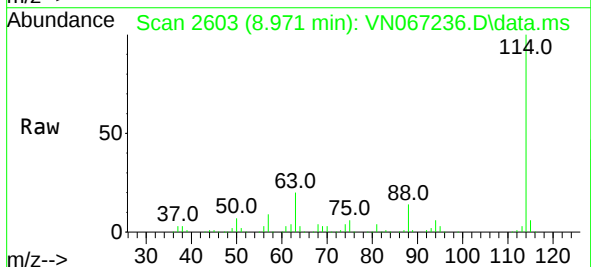
Tgt Ion: 65 Resp: 138431
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.4

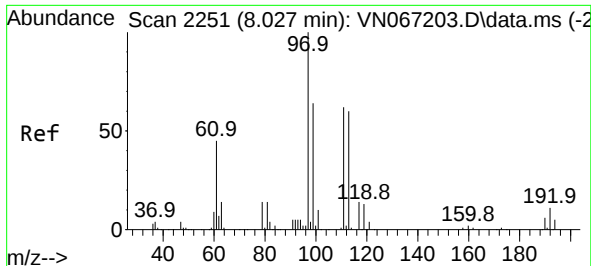


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 114 Resp: 379672
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.8
88 14.3 0.0 30.4

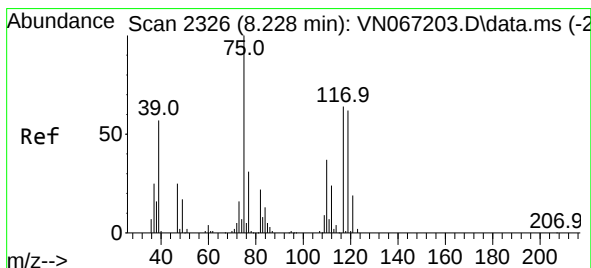
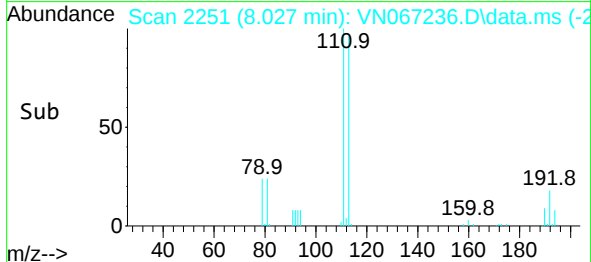
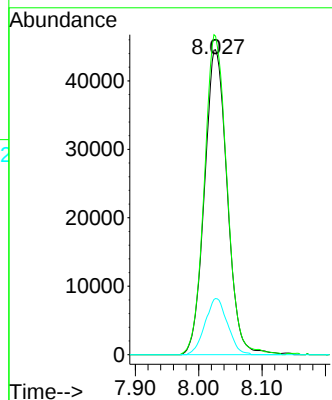
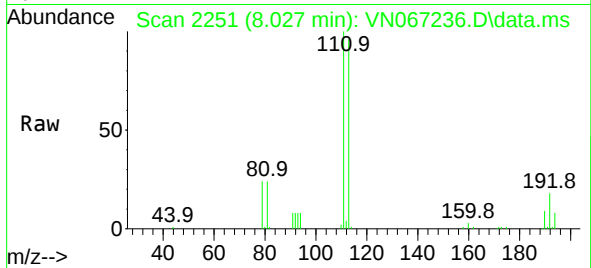




#35
Dibromofluoromethane
Concen: 47.234 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

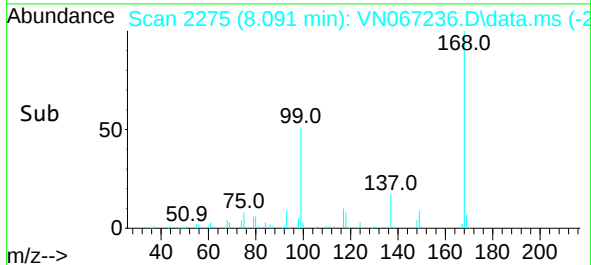
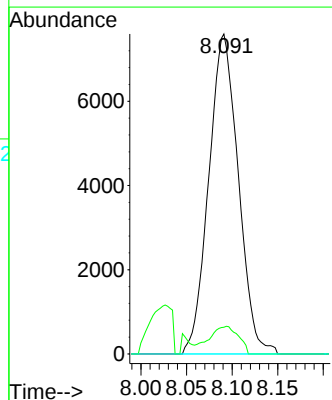
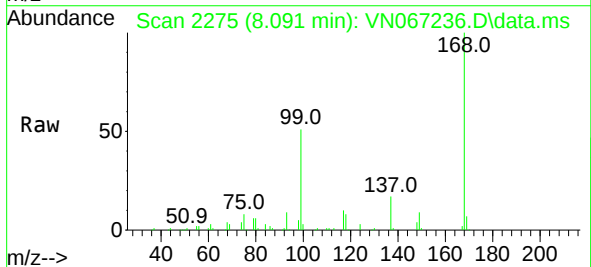
Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)

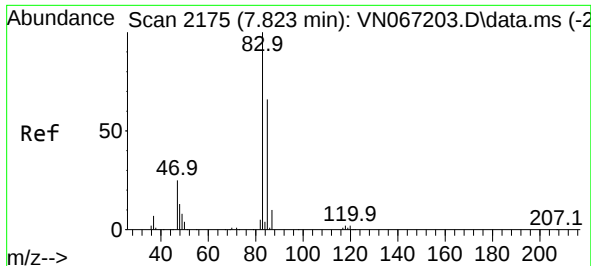
Tgt Ion:113 Resp: 111175
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.2 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

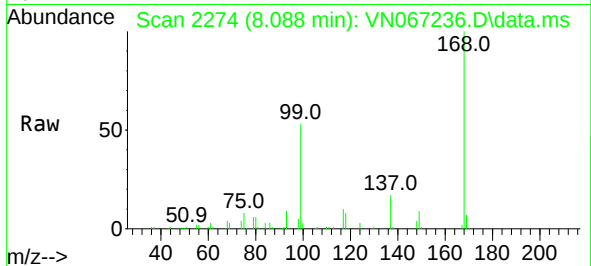
Tgt Ion: 75 Resp: 17142
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.3#
77 0.0 24.8 37.2#



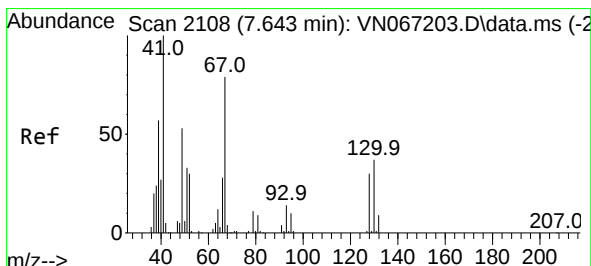
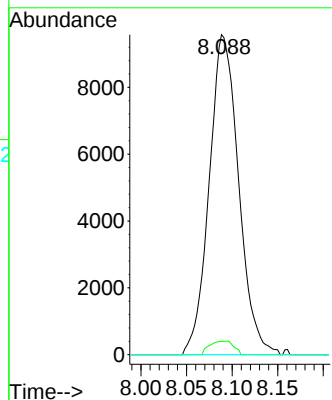
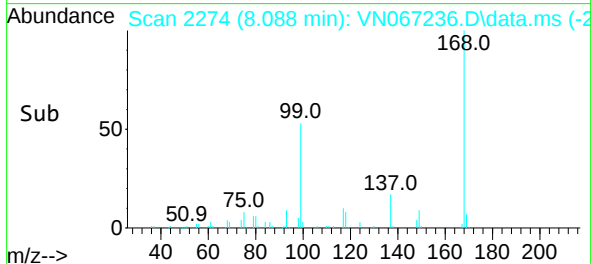


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.123 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

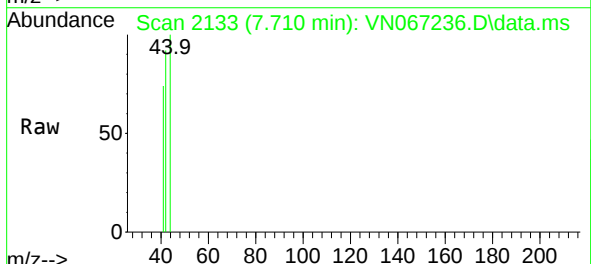
Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)



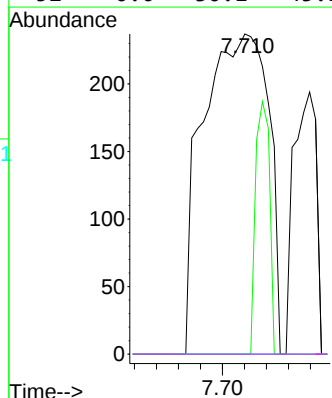
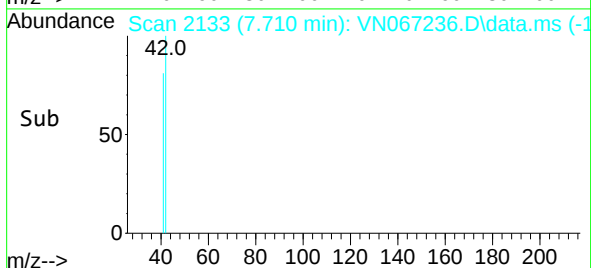
Tgt Ion:117 Resp: 21506
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.7 37.1#

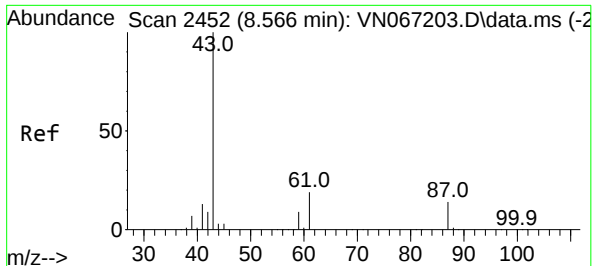


#41
Methacrylonitrile
Concen: 0.279 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.067 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36



Tgt Ion: 41 Resp: 489
Ion Ratio Lower Upper
41 100
39 17.0 45.3 67.9#
67 0.0 85.1 127.7#
52 0.0 30.1 45.1#

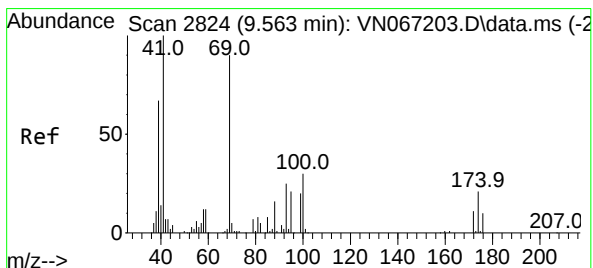
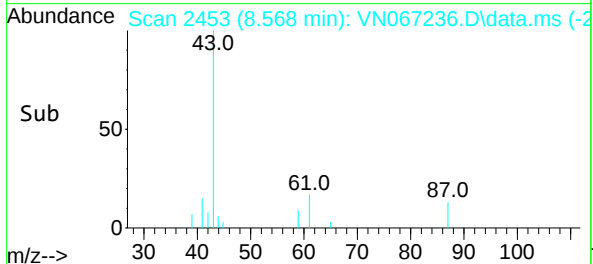
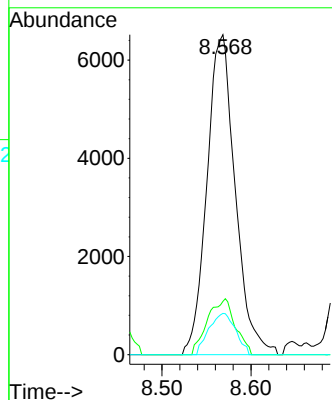
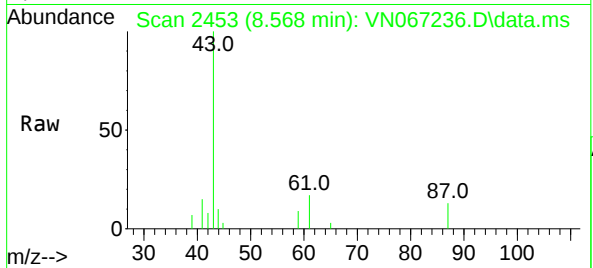




#43
Isopropyl Acetate
Concen: 2.238 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.003 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

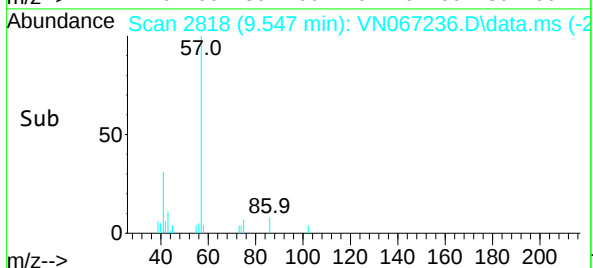
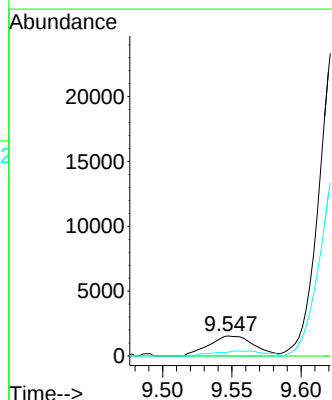
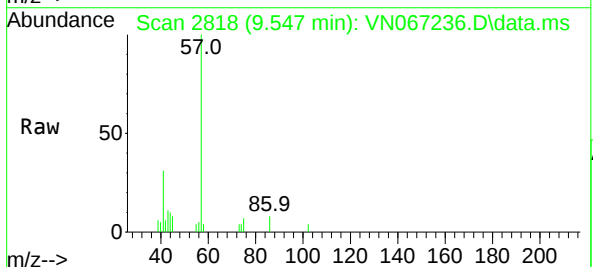
Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)

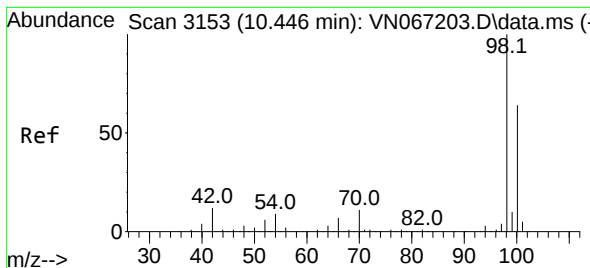
Tgt Ion:	43	Resp:	14385
Ion	Ratio	Lower	Upper
43	100		
61	17.1	23.4	35.0#
87	12.2	12.2	18.2



#48
Methyl methacrylate
Concen: 1.255 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion:	41	Resp:	3496
Ion	Ratio	Lower	Upper
41	100		
69	0.0	80.5	120.7#
39	26.8	41.4	62.0#

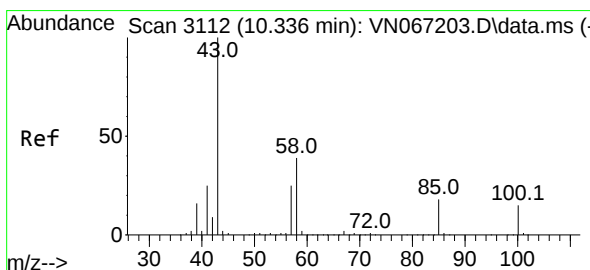
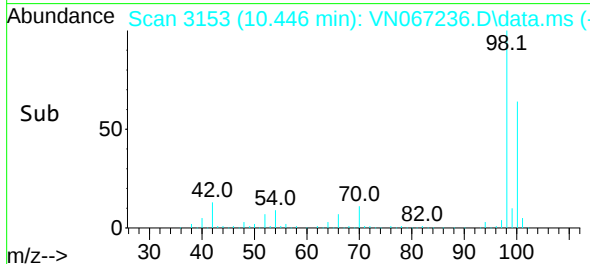
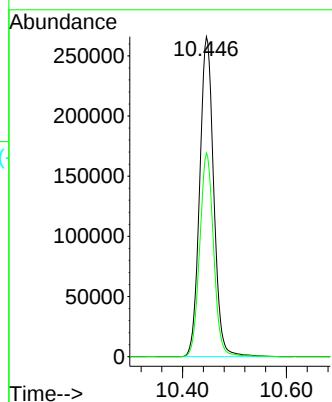
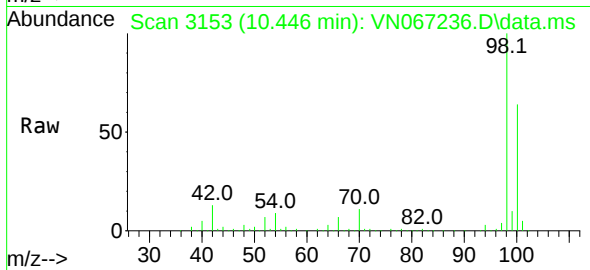




#50
Toluene-d8
Concen: 52.082 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

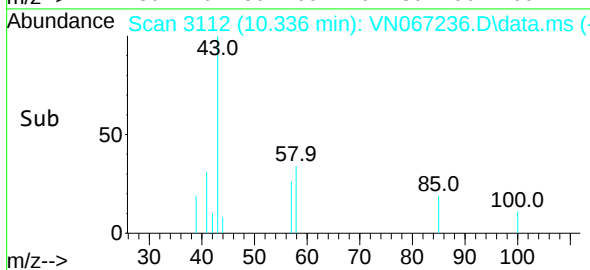
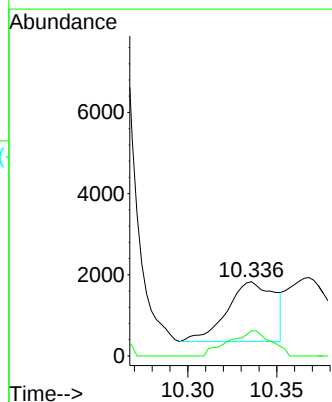
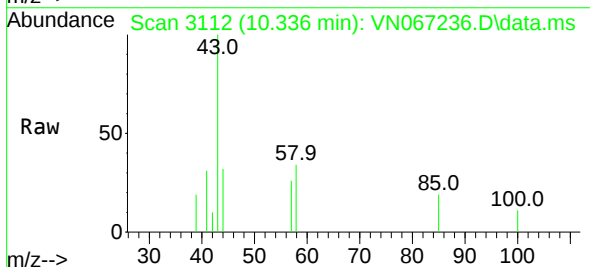
Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)

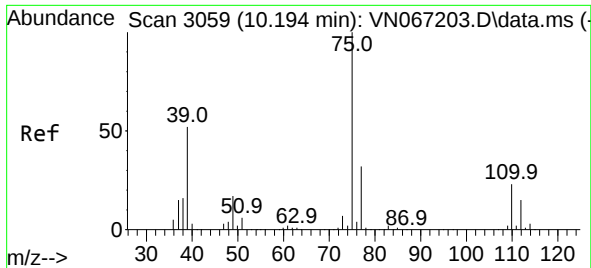
Tgt Ion: 98 Resp: 499255
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.731 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
58 36.9 34.5 51.7

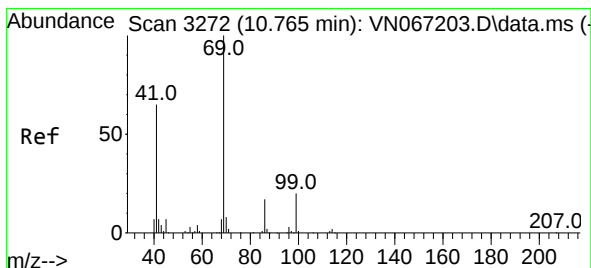
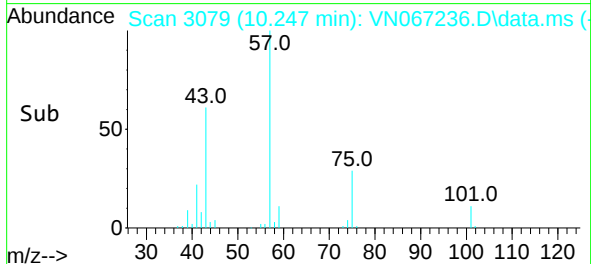
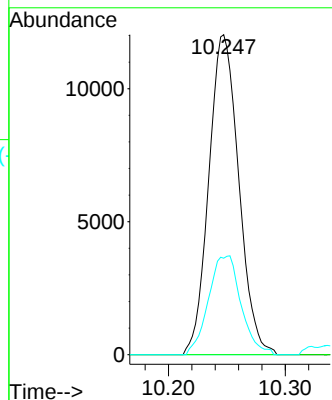
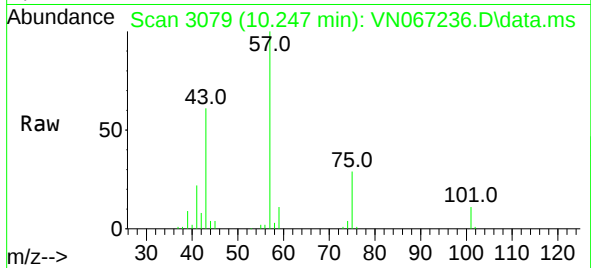




#54
cis-1,3-Dichloropropene
Concen: 4.611 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

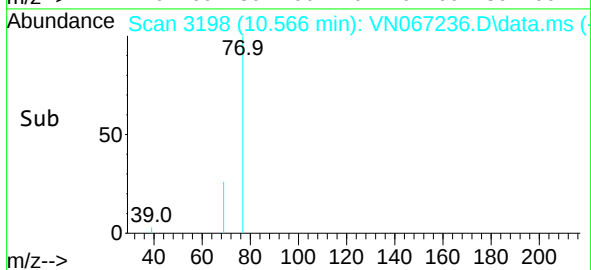
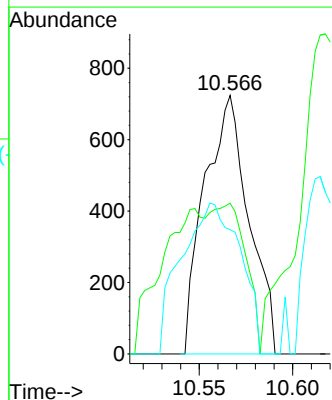
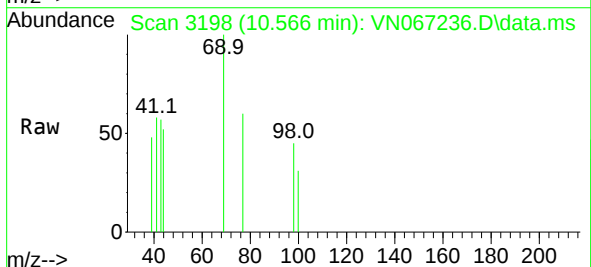
Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)

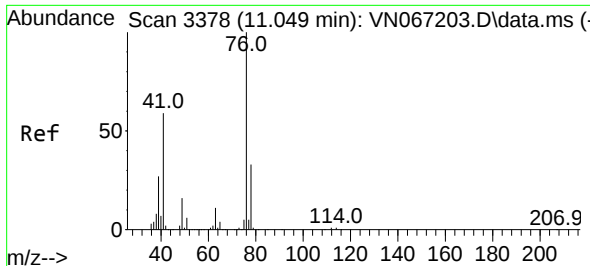
Tgt Ion: 75 Resp: 21411
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 30.2 30.9 46.3#



#56
Ethyl methacrylate
Concen: 0.269 ug/l
RT: 10.566 min Scan# 3198
Delta R.T. -0.198 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 69 Resp: 1194
Ion Ratio Lower Upper
69 100
41 56.2 45.5 68.3
39 77.8 22.9 34.3#

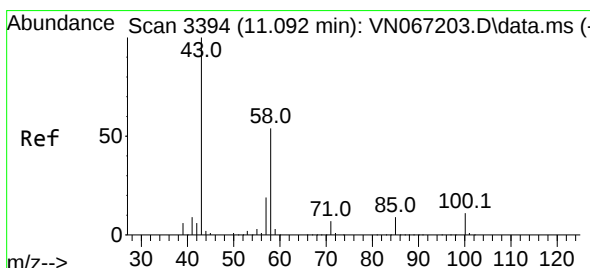
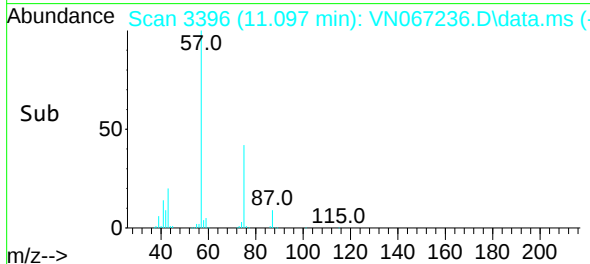
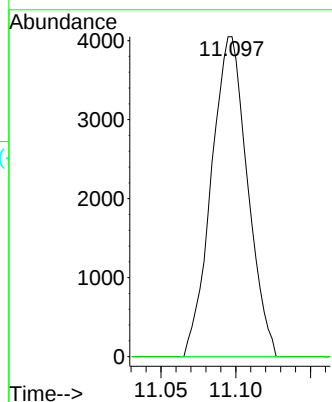
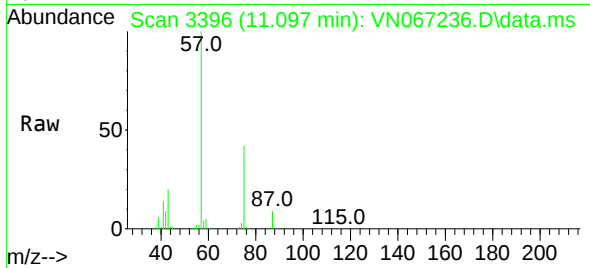




#57
1,3-Dichloropropane
Concen: 1.518 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.048 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

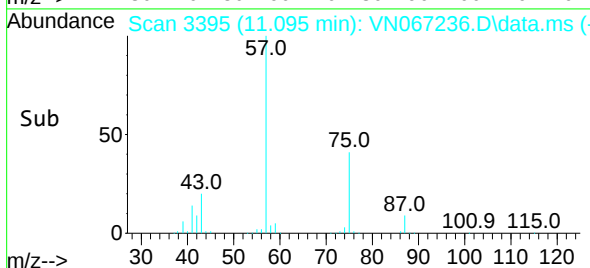
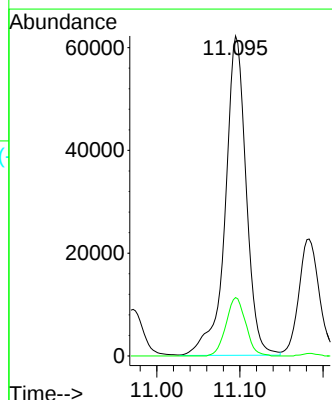
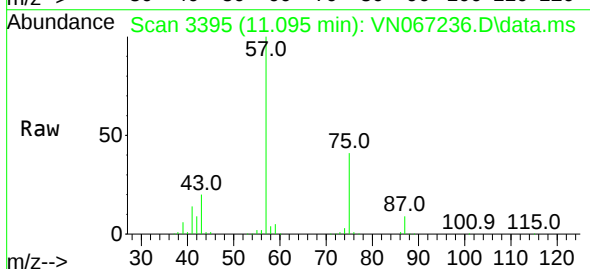
Instrument :
MSVOA_N
ClientSampled :
18-B12(2-4)

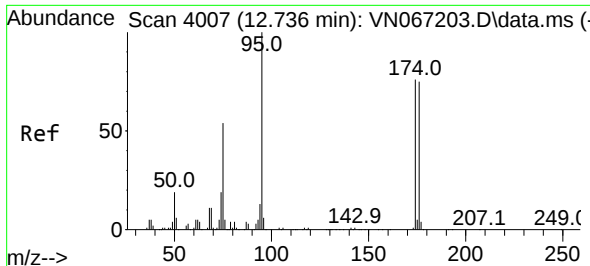
Tgt Ion: 76 Resp: 6817
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 39.788 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 43 Resp: 108921
Ion Ratio Lower Upper
43 100
58 17.3 29.8 89.5#

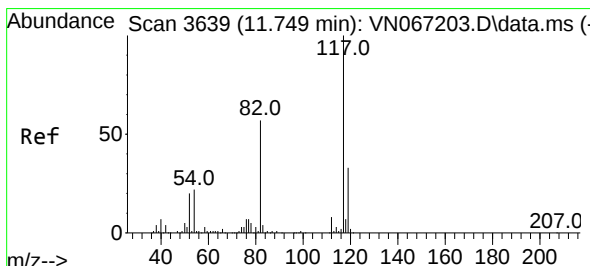
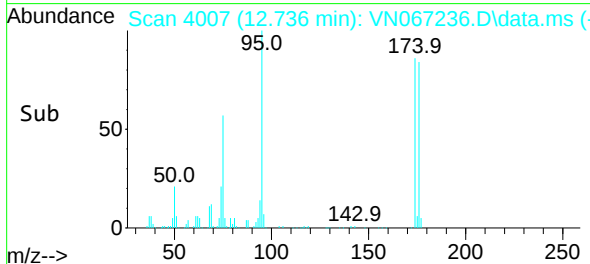
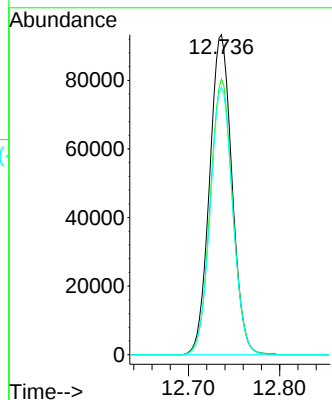
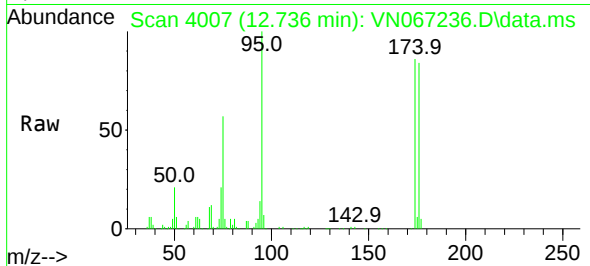




#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

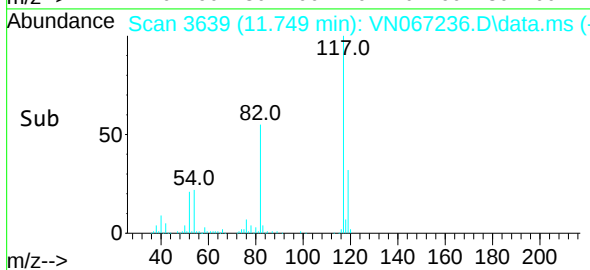
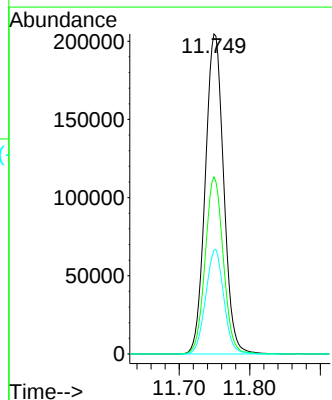
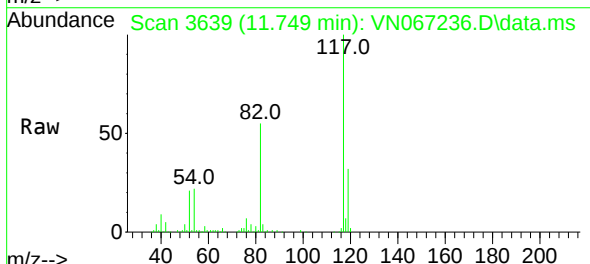
Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)

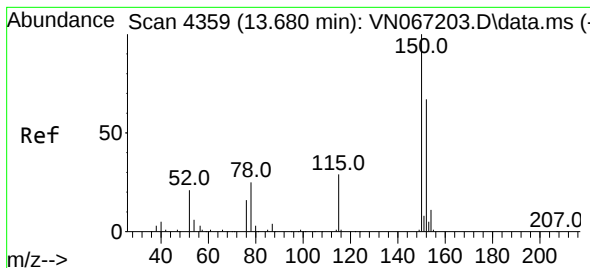
Tgt Ion: 95 Resp: 159225
Ion Ratio Lower Upper
95 100
174 86.4 0.0 182.8
176 83.8 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 117 Resp: 370904
Ion Ratio Lower Upper
117 100
82 55.3 42.2 63.2
119 32.5 25.8 38.6

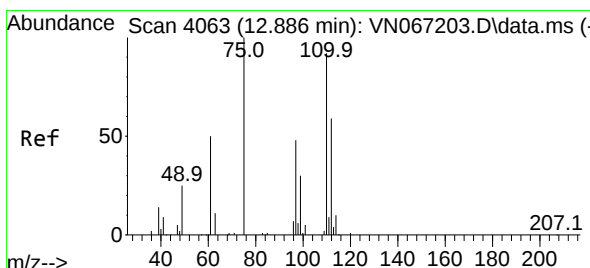
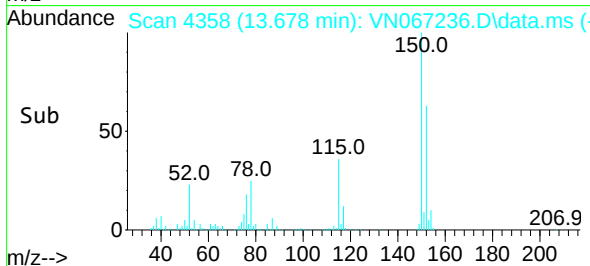
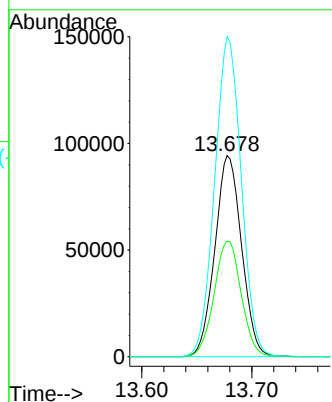
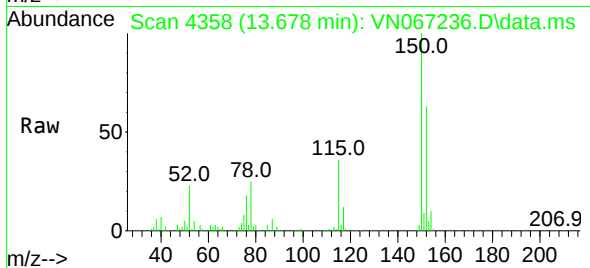




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.003 min
 Lab File: VN067236.D
 Acq: 5 Jun 2021 17:36

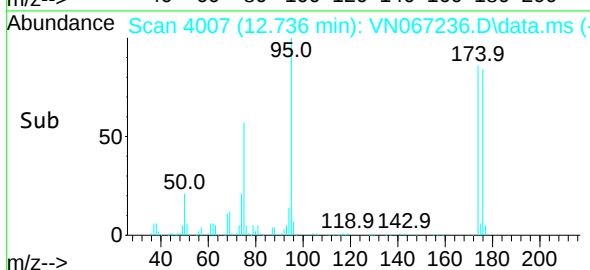
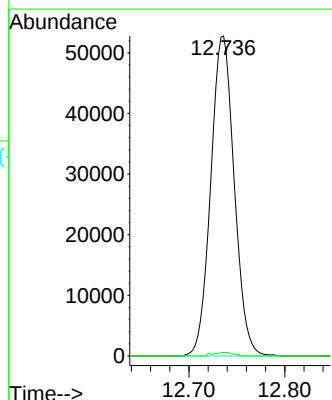
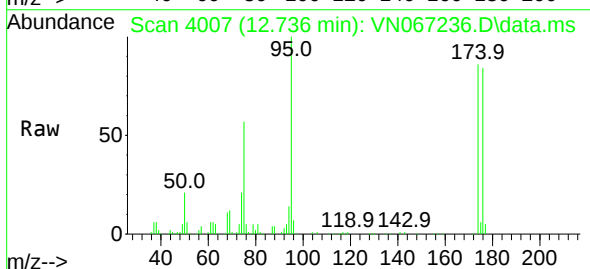
Instrument :
 MSVOA_N
 ClientSampleId :
 18-B12(2-4)

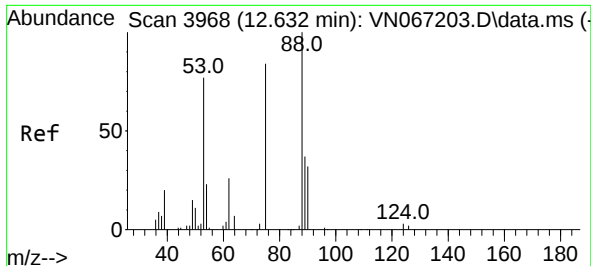
Tgt Ion:152 Resp: 159187
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.0 80.8
 150 158.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 29.308 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.150 min
 Lab File: VN067236.D
 Acq: 5 Jun 2021 17:36

Tgt Ion: 75 Resp: 89719
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

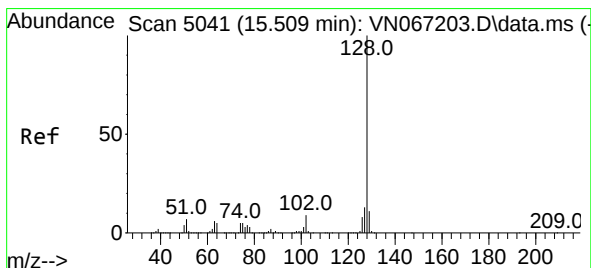
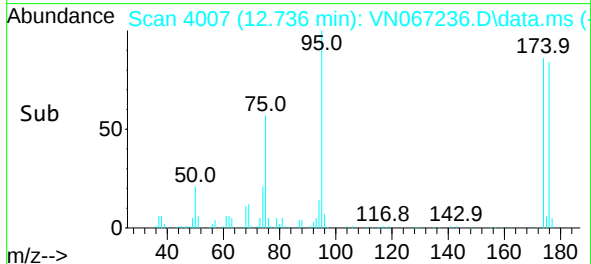
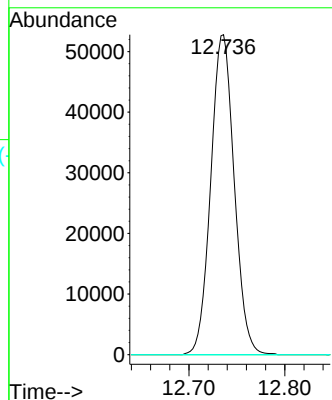
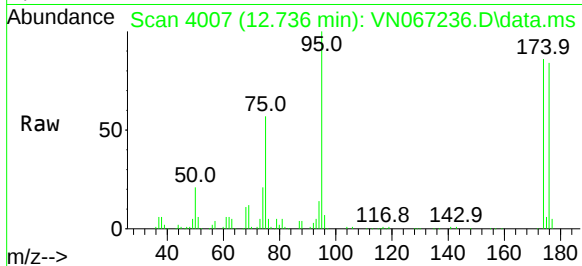




#81
trans-1,4-Dichloro-2-butene
Concen: 71.708 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :
18-B12(2-4)

Tgt Ion: 75 Resp: 89719
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.510 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067236.D
Acq: 5 Jun 2021 17:36

Tgt Ion: 128 Resp: 667
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

