

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067235.D
 Acq On : 5 Jun 2021 17:12
 Operator : JC/MD
 Sample : M2589-38
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18-B12(0-2)

Quant Time: Jun 07 01:17:00 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)

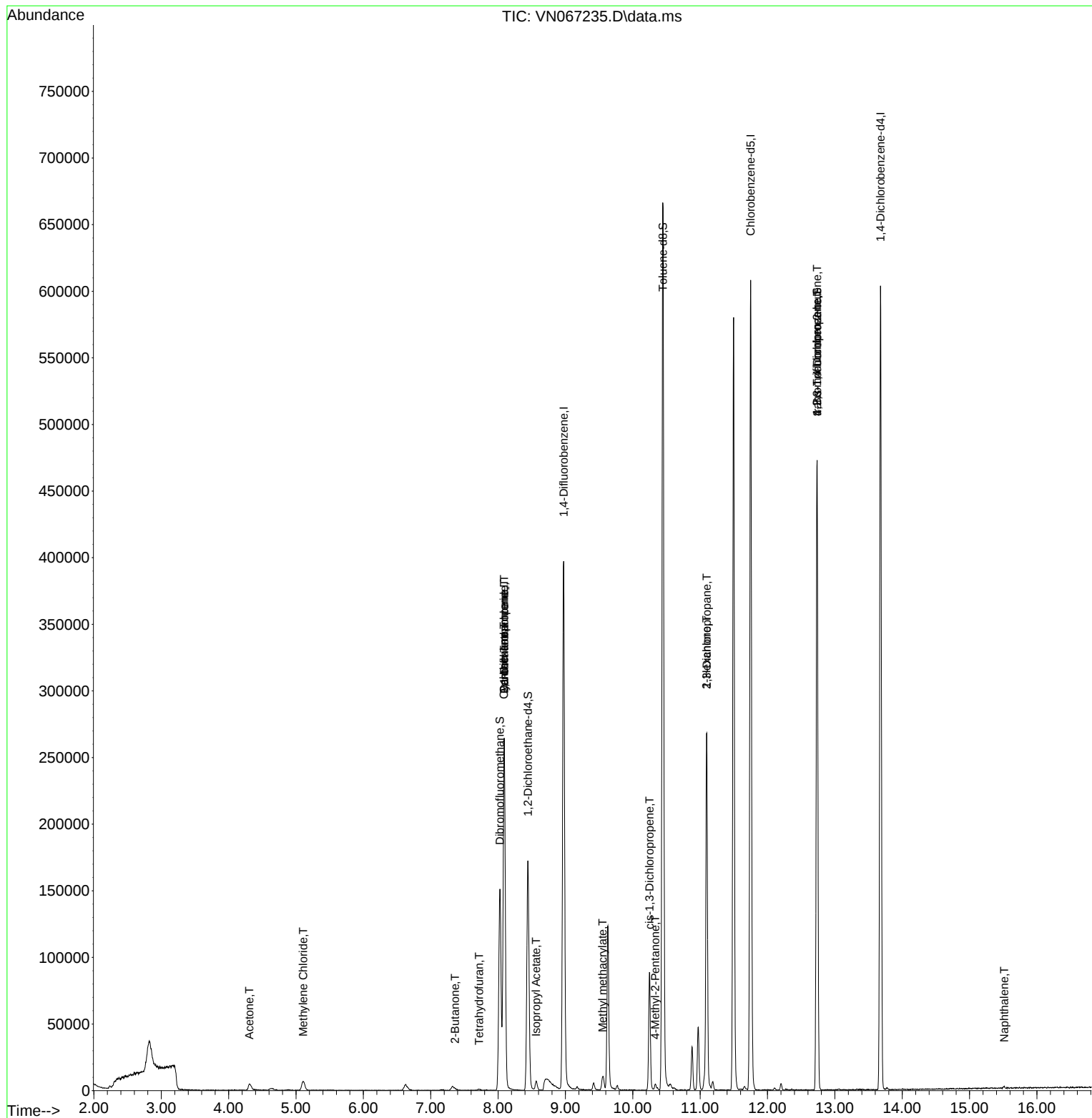
Internal Standards						
1) Pentafluorobenzene	8.091	168	207590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	362822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	349411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	155785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	137079	48.443	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.880%		
35) Dibromofluoromethane	8.027	113	109071	48.492	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.980%		
50) Toluene-d8	10.446	98	471509	51.472	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.736	95	152726	43.288	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.580%		
Target Compounds						
					Qvalue	
16) Acetone	4.307	43	4741	4.856	ug/l #	76
20) Methylene Chloride	5.106	84	3590	1.460	ug/l	94
25) 2-Butanone	7.359	43	2462	1.575	ug/l #	82
29) Tetrahydrofuran	7.718	42	671	0.722	ug/l #	28
31) Cyclohexane	8.088	56	5004	1.317	ug/l #	27
36) 1,1-Dichloropropene	8.091	75	17049	5.088	ug/l #	48
38) Carbon Tetrachloride	8.091	117	20329	5.555	ug/l #	14
43) Isopropyl Acetate	8.563	43	7976	1.299	ug/l #	81
48) Methyl methacrylate	9.553	41	3588	1.348	ug/l #	20
51) 4-Methyl-2-Pentanone	10.336	43	3106	0.863	ug/l	87
54) cis-1,3-Dichloropropene	10.250	75	15934	3.591	ug/l #	68
57) 1,3-Dichloropropane	11.097	76	2720	0.634	ug/l #	42
59) 2-Hexanone	11.095	43	48850	18.673	ug/l #	42
76) 1,2,3-Trichloropropane	12.736	75	85272	28.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	85272	69.642	ug/l #	15
95) Naphthalene	15.515	128	1855	4.668	ug/l #	69

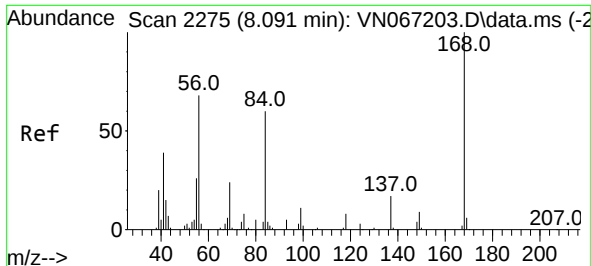
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

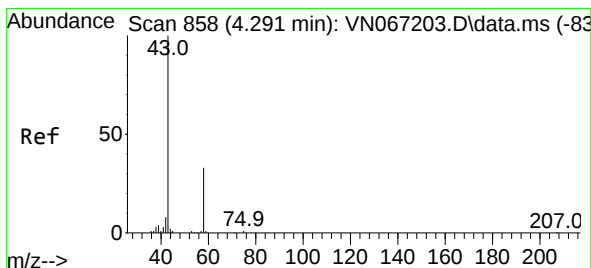
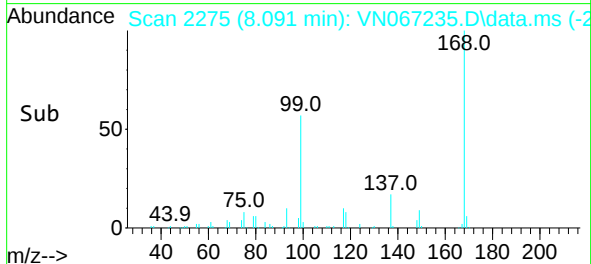
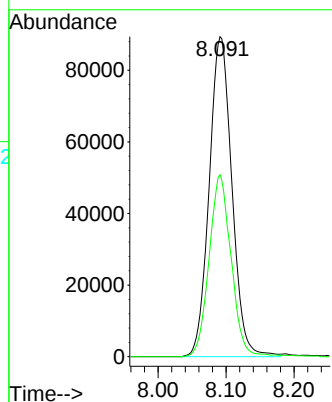
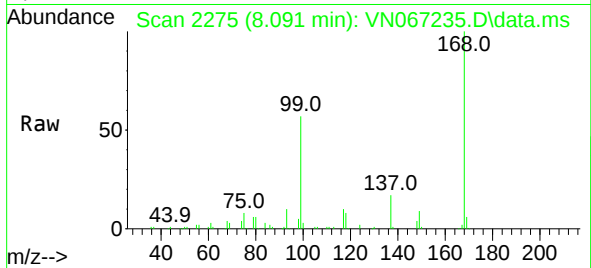




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

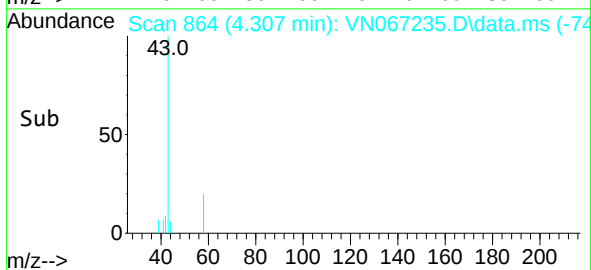
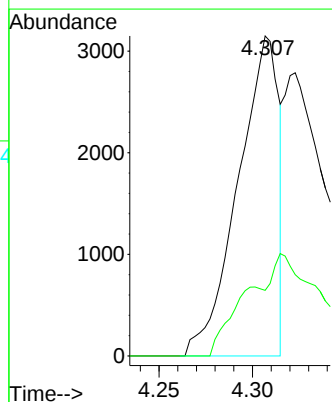
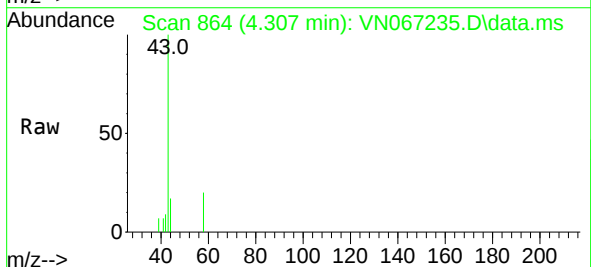
Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)

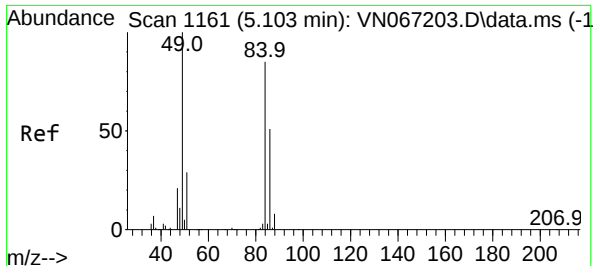
Tgt Ion:168 Resp: 207590
Ion Ratio Lower Upper
168 100
99 56.9 38.5 57.7



#16
Acetone
Concen: 4.856 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

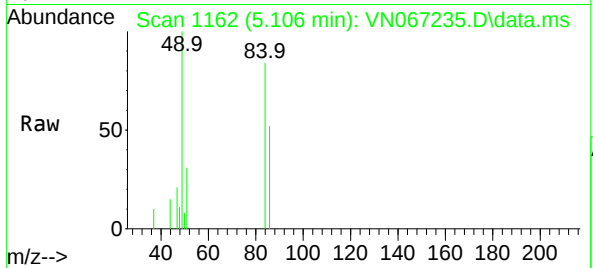
Tgt Ion: 43 Resp: 4741
Ion Ratio Lower Upper
43 100
58 20.5 27.2 40.8#



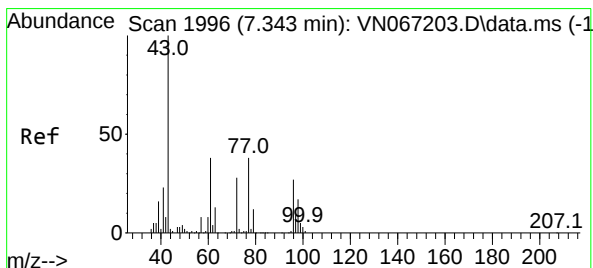
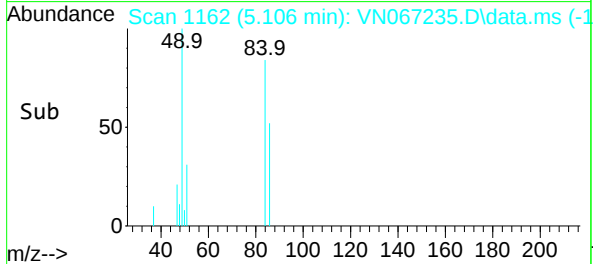
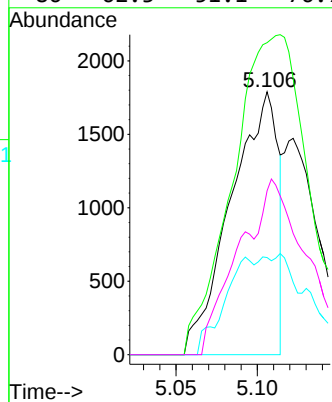


#20
Methylene Chloride
Concen: 1.460 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

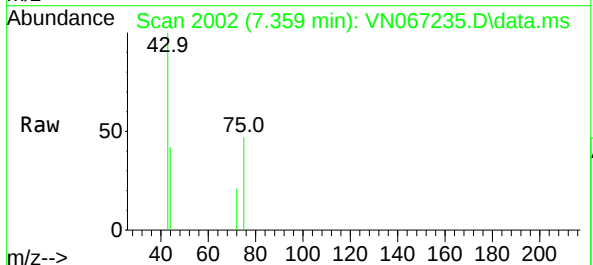
Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)



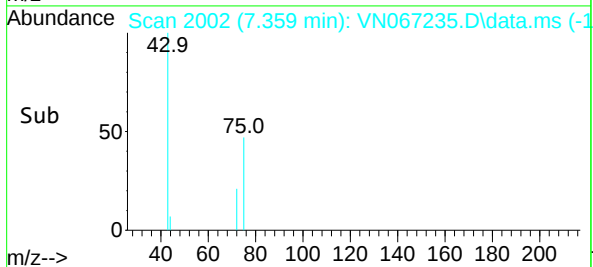
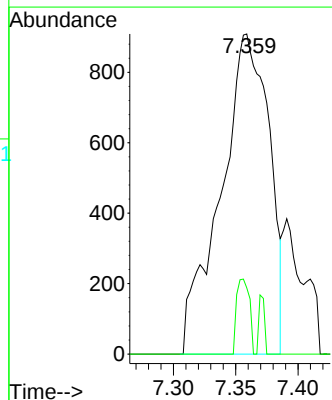
Tgt Ion:	84	Resp:	3590
Ion	Ratio	Lower	Upper
84	100		
49	118.7	88.3	132.5
51	36.9	26.7	40.1
86	62.3	51.1	76.7

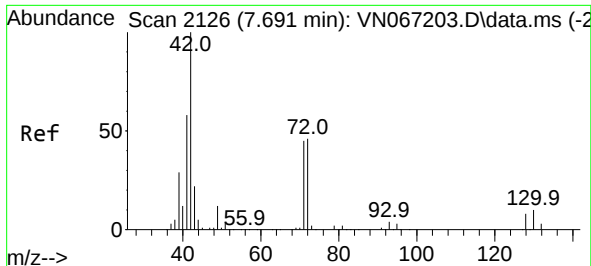


#25
2-Butanone
Concen: 1.575 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.016 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12



Tgt Ion:	43	Resp:	2462
Ion	Ratio	Lower	Upper
43	100		
72	20.7	24.4	36.6#





#29

Tetrahydrofuran

Concen: 0.722 ug/l

RT: 7.718 min Scan# 2136

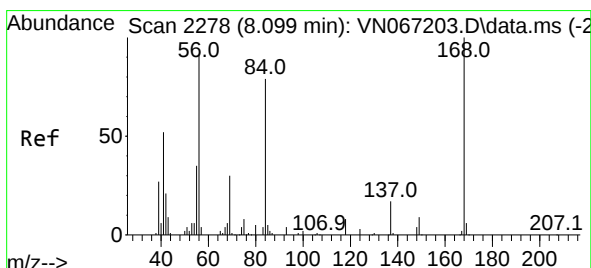
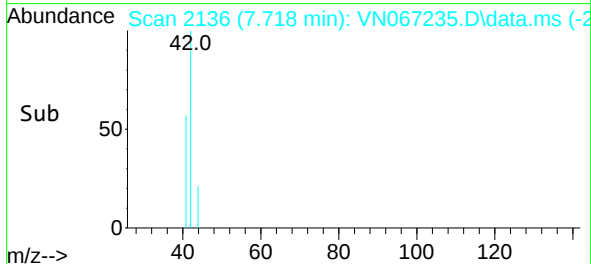
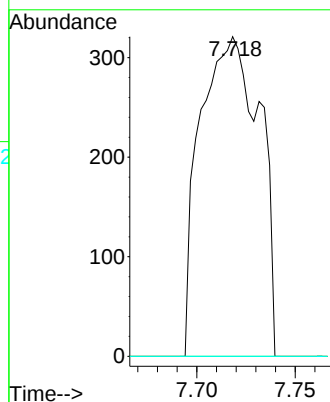
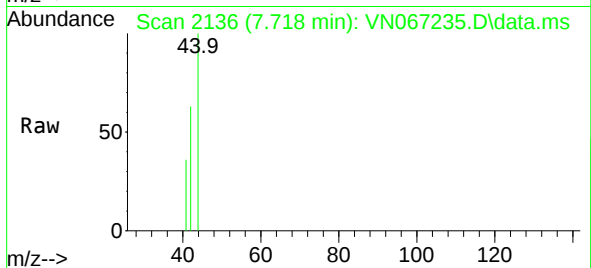
Delta R.T. 0.027 min

Lab File: VN067235.D

Acq: 5 Jun 2021 17:12

Tgt Ion:	42	Resp:	671
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	0.0	37.9	56.9#

Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)



#31

Cyclohexane

Concen: 1.317 ug/l

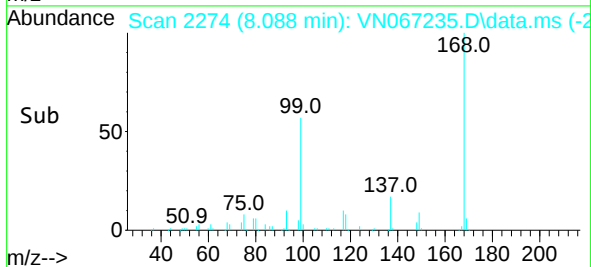
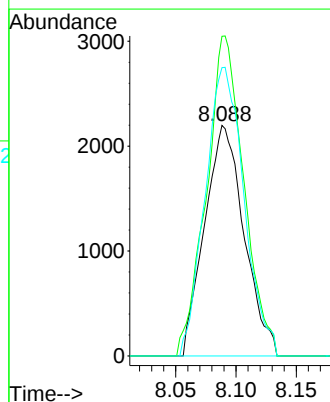
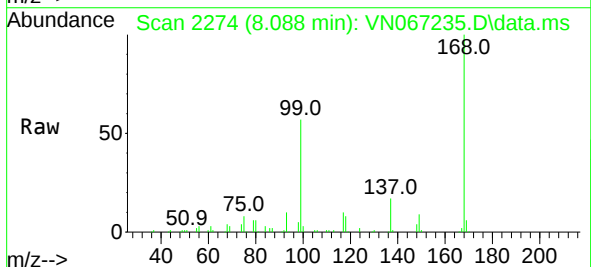
RT: 8.088 min Scan# 2274

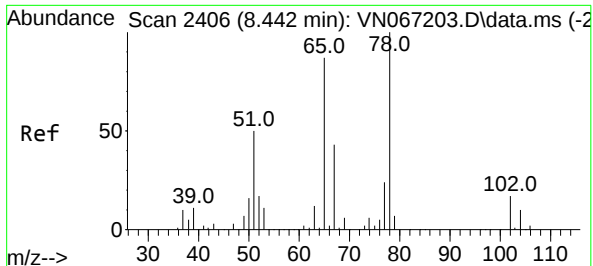
Delta R.T. -0.011 min

Lab File: VN067235.D

Acq: 5 Jun 2021 17:12

Tgt Ion:	56	Resp:	5004
Ion	Ratio	Lower	Upper
56	100		
69	138.7	28.0	42.0#
84	125.1	74.2	111.2#

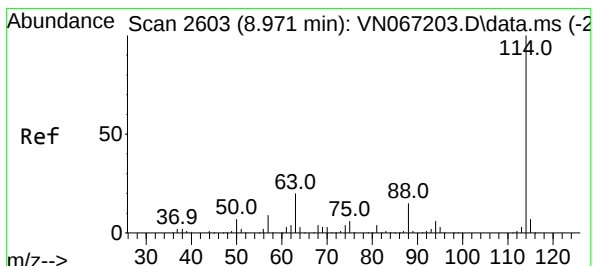
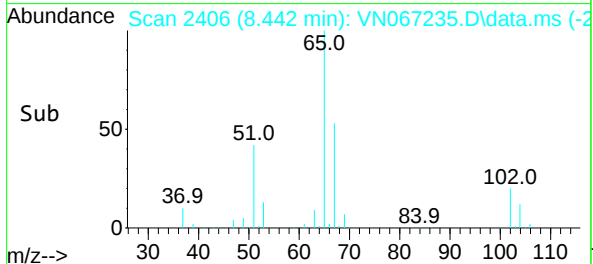
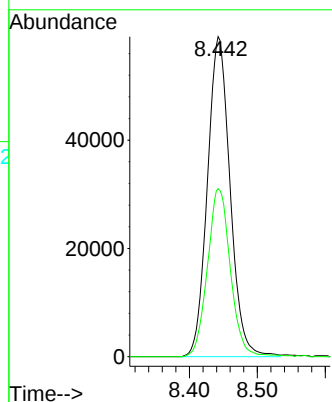
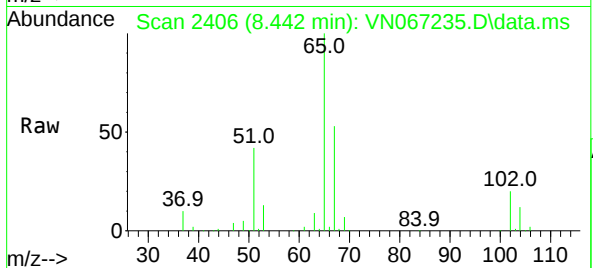




#33
 1,2-Dichloroethane-d4
 Concen: 48.443 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: VN067235.D
 Acq: 5 Jun 2021 17:12

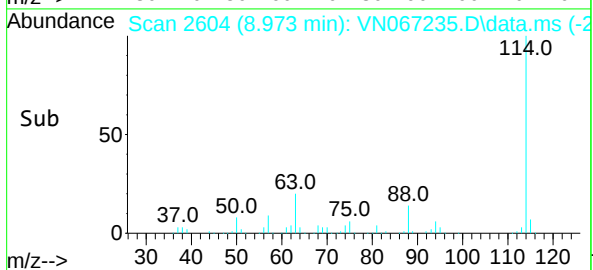
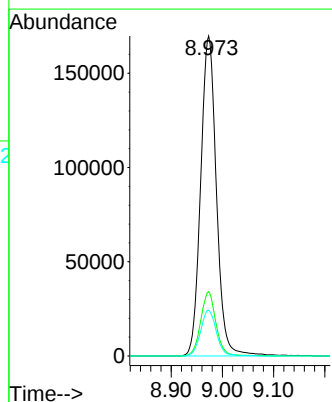
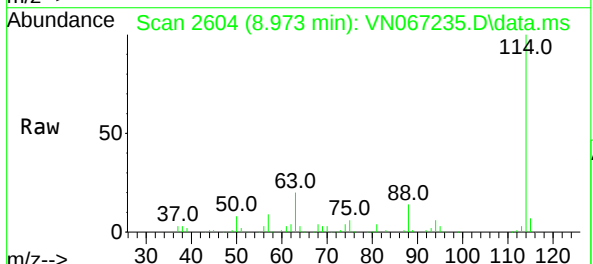
Instrument :
 MSVOA_N
 ClientSampled :
 18-B12(0-2)

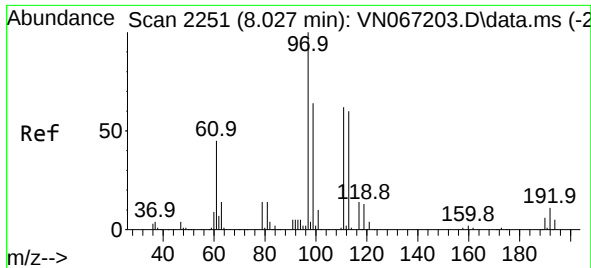
Tgt Ion: 65 Resp: 137079
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.973 min Scan# 2604
 Delta R.T. 0.003 min
 Lab File: VN067235.D
 Acq: 5 Jun 2021 17:12

Tgt Ion: 114 Resp: 362822
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.8
 88 14.3 0.0 30.4

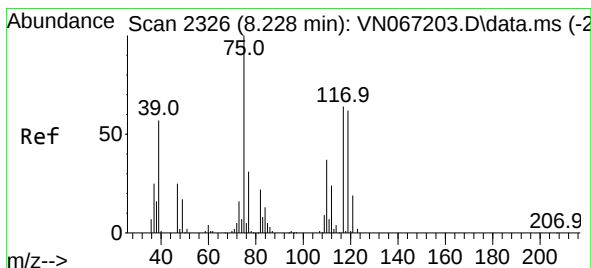
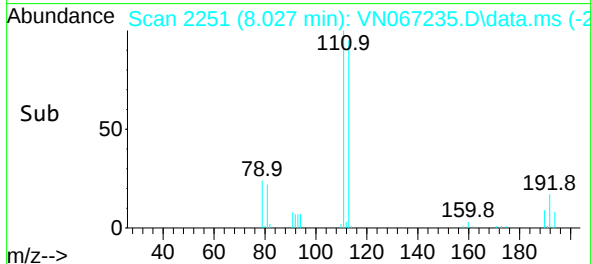
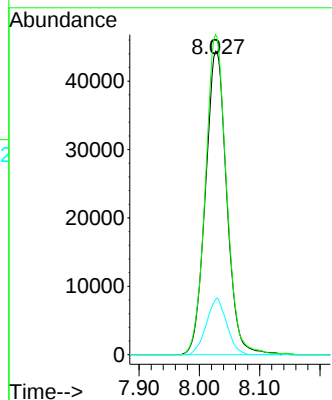
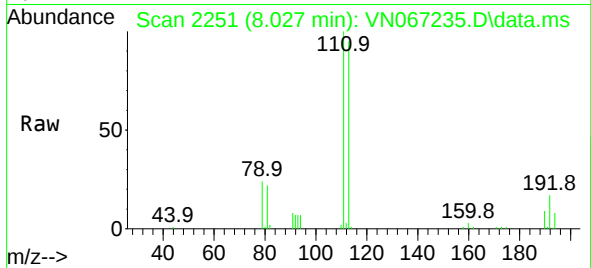




#35
Dibromofluoromethane
Concen: 48.492 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

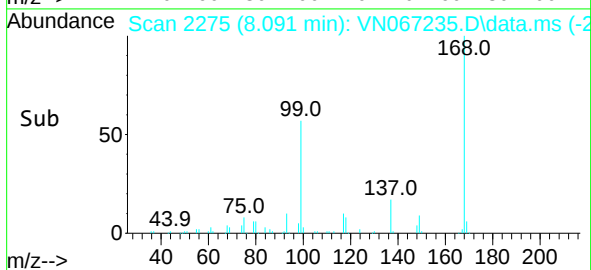
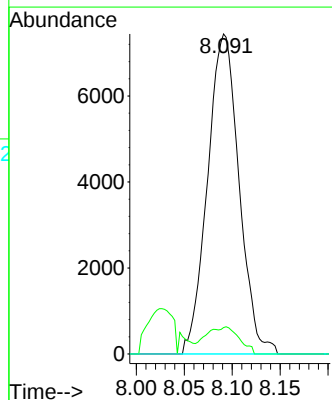
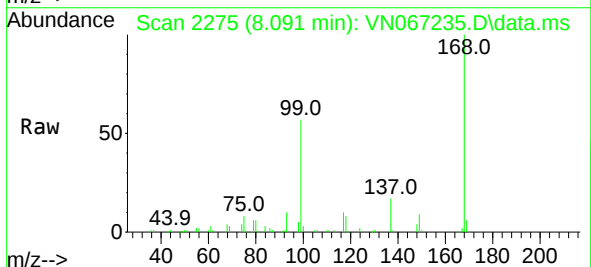
Instrument :
MSVOA_N
ClientSampled :
18-B12(0-2)

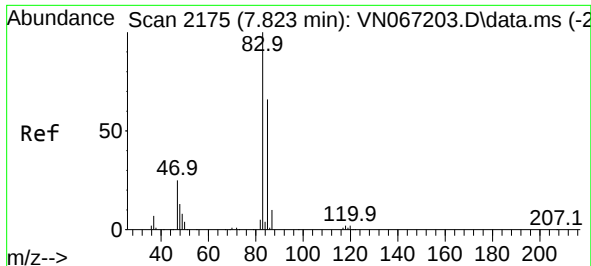
Tgt Ion:113 Resp: 109071
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 17.8 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 5.088 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

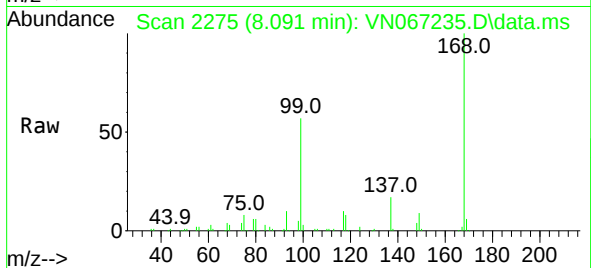
Tgt Ion: 75 Resp: 17049
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.0 24.8 37.2#



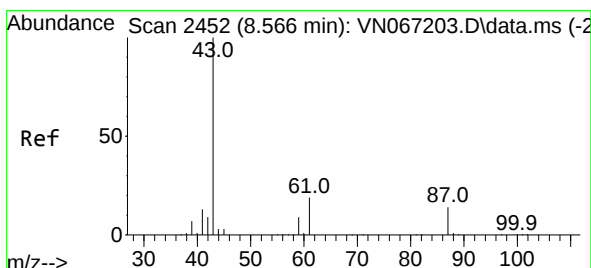
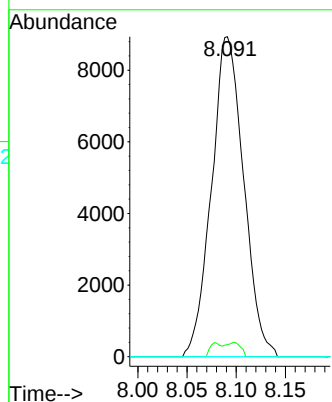
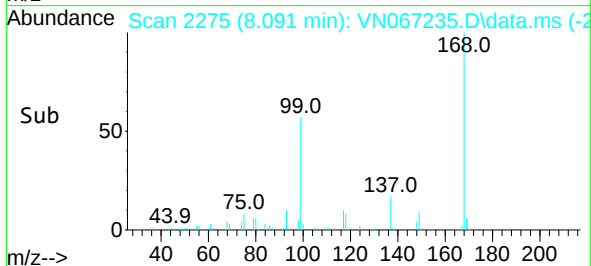


#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.121 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

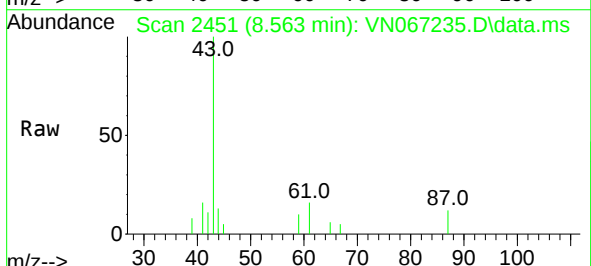
Instrument :
MSVOA_N
ClientSampled :
18-B12(0-2)



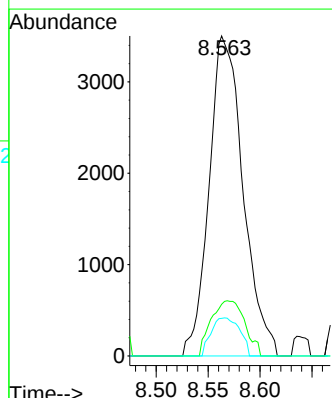
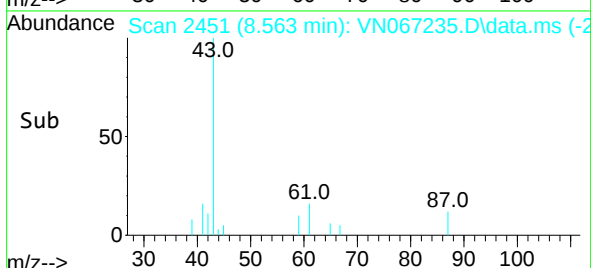
Tgt Ion:117 Resp: 20329
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.7 37.1#

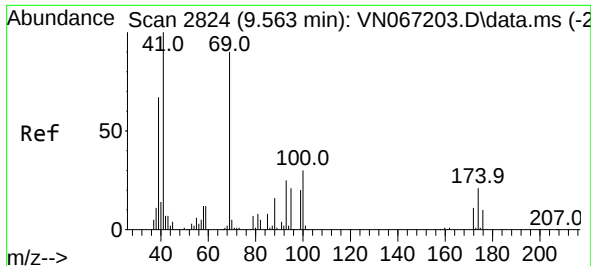


#43
Isopropyl Acetate
Concen: 1.299 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12



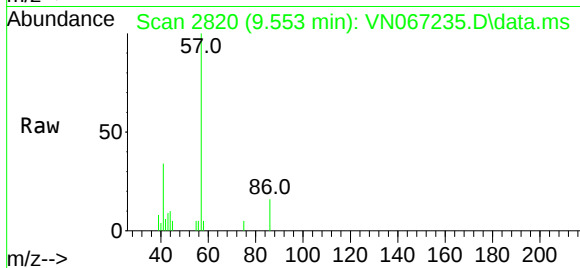
Tgt Ion: 43 Resp: 7976
Ion Ratio Lower Upper
43 100
61 17.1 23.4 35.0#
87 10.0 12.2 18.2#



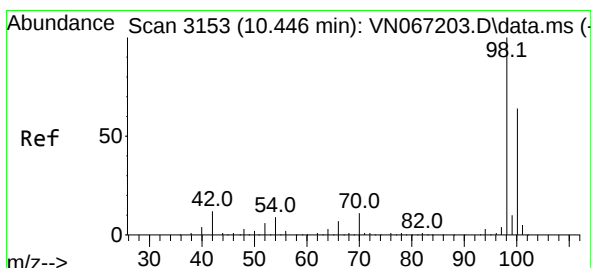
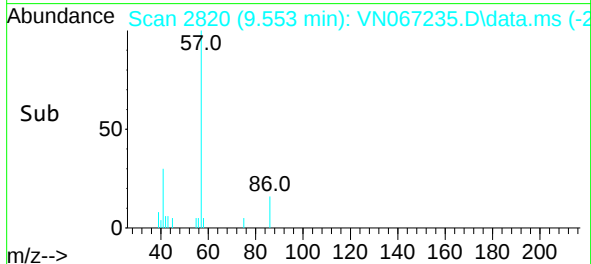
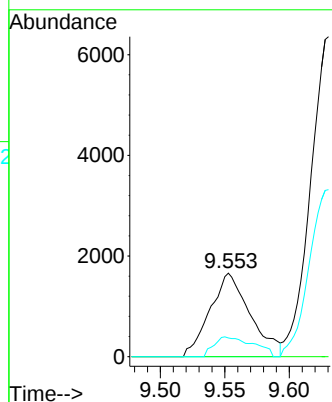


#48
Methyl methacrylate
Concen: 1.348 ug/l
RT: 9.553 min Scan# 2820
Delta R.T. -0.011 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)

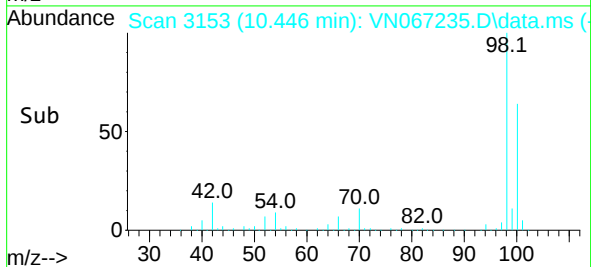
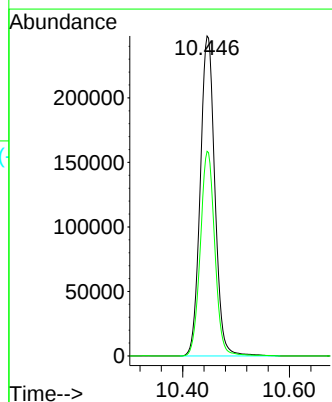
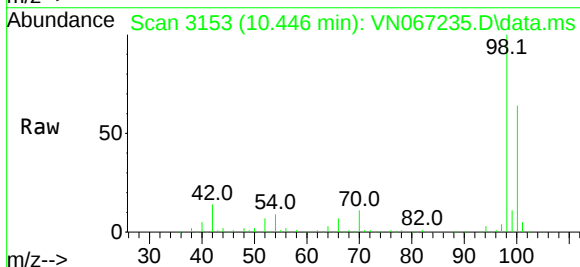


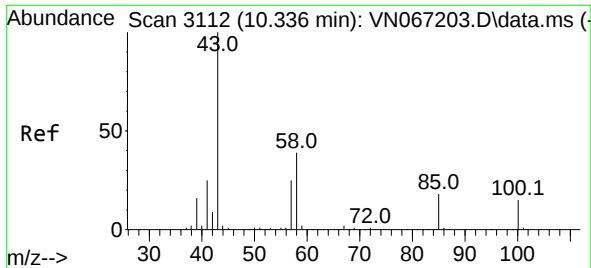
Tgt Ion: 41 Resp: 3588
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 23.2 41.4 62.0#



#50
Toluene-d8
Concen: 51.472 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion: 98 Resp: 471509
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8

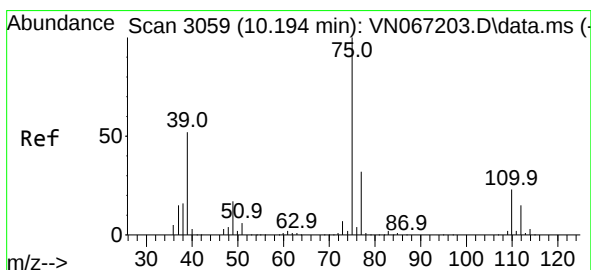
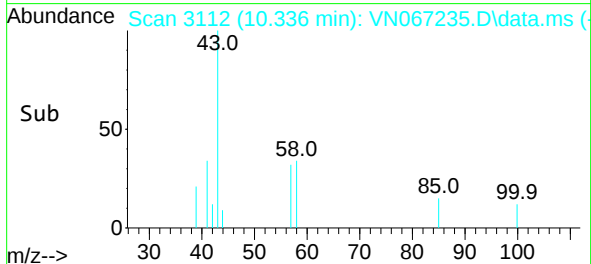
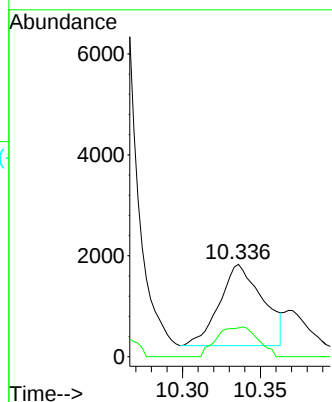
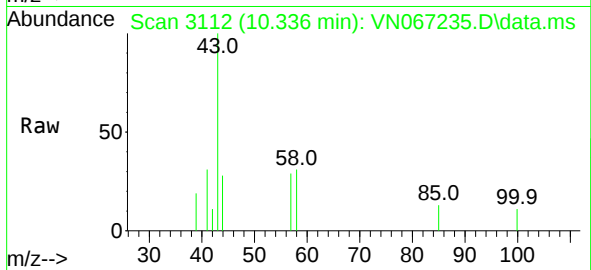




#51
4-Methyl-2-Pentanone
Concen: 0.863 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

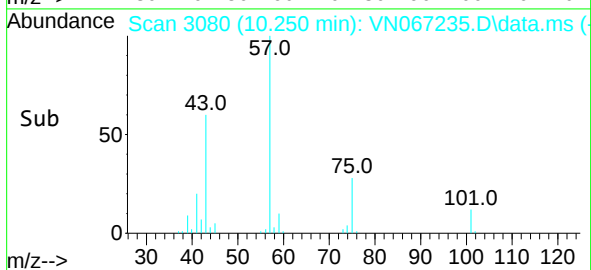
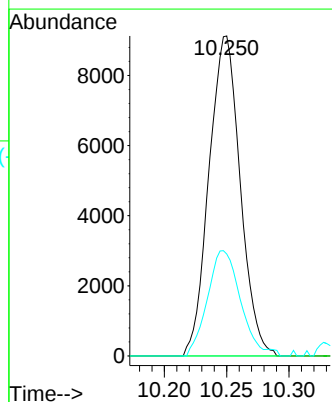
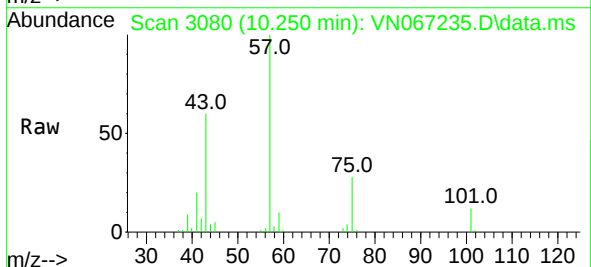
Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)

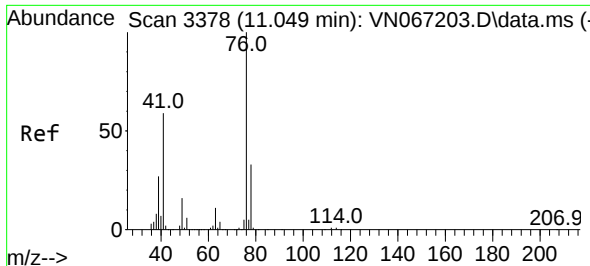
Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
58 34.7 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 3.591 ug/l
RT: 10.250 min Scan# 3080
Delta R.T. 0.056 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion: 75 Resp: 15934
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 31.9 30.9 46.3

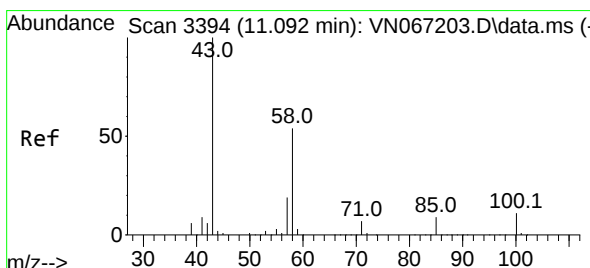
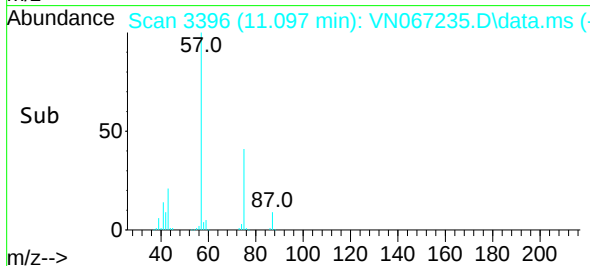
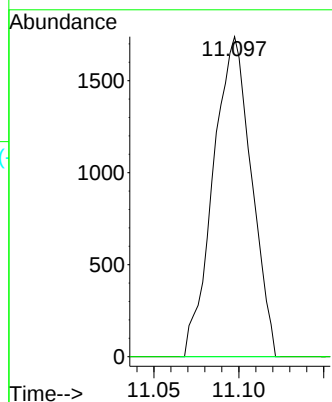
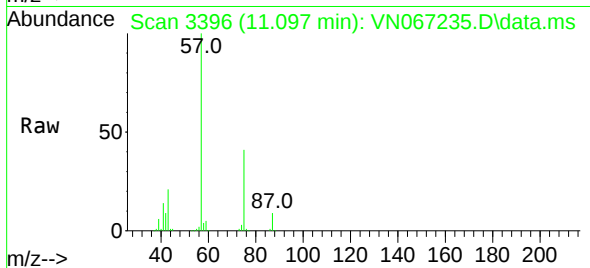




#57
1,3-Dichloropropane
Concen: 0.634 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.048 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

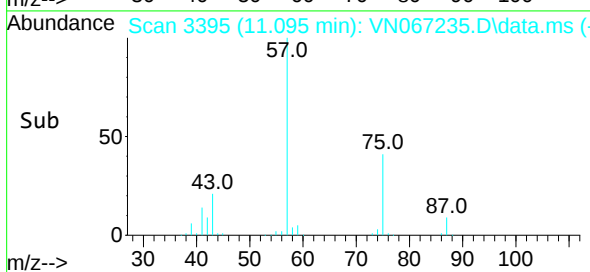
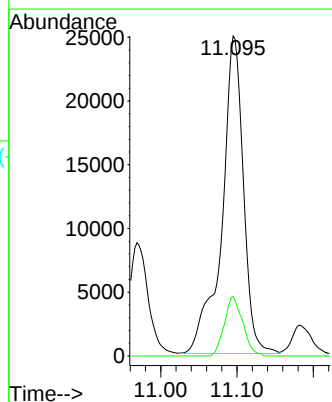
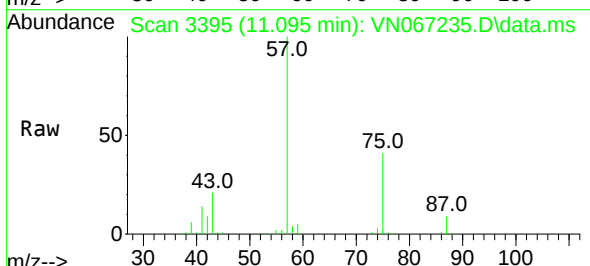
Instrument :
MSVOA_N
ClientSampled :
18-B12(0-2)

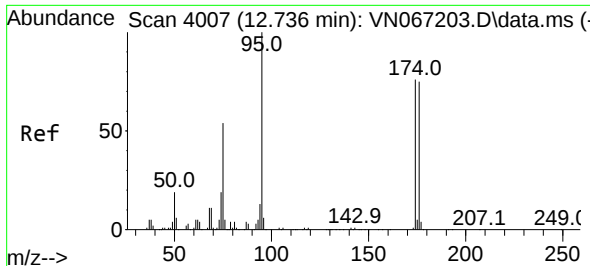
Tgt Ion: 76 Resp: 2720
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 18.673 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion: 43 Resp: 48850
Ion Ratio Lower Upper
43 100
58 16.0 29.8 89.5#

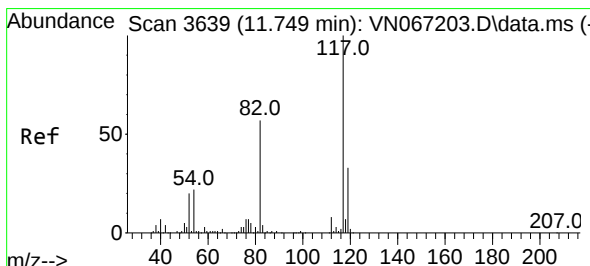
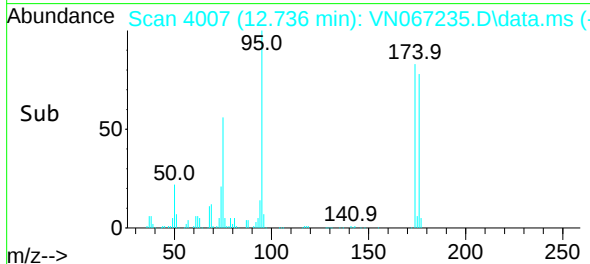
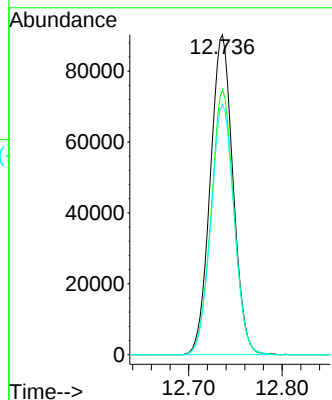
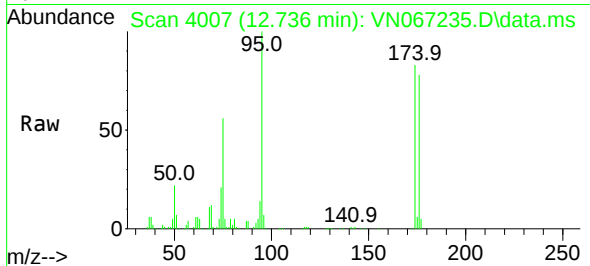




#62
4-Bromofluorobenzene
Concen: 43.288 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

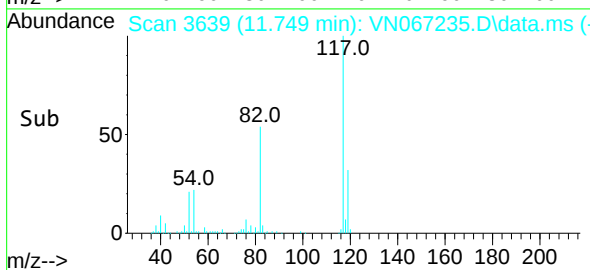
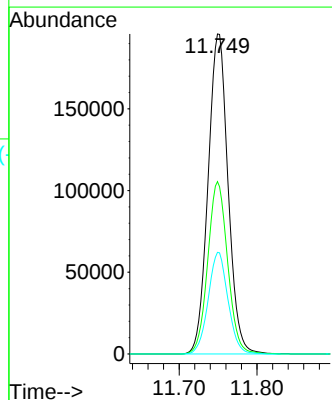
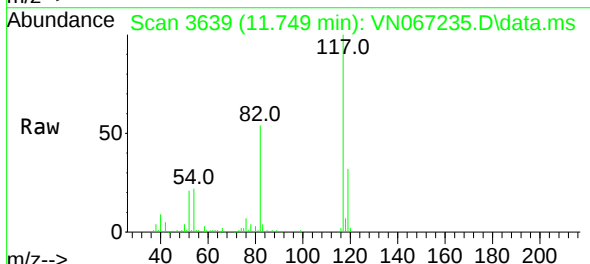
Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)

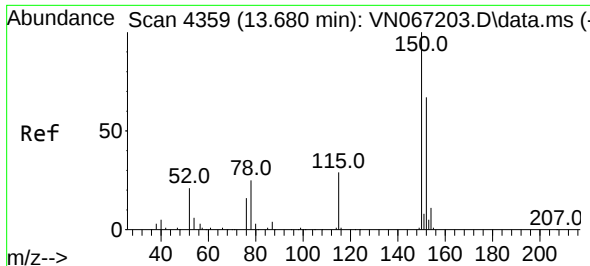
Tgt Ion: 95 Resp: 152726
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.8
176 79.9 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion: 117 Resp: 349411
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 31.7 25.8 38.6

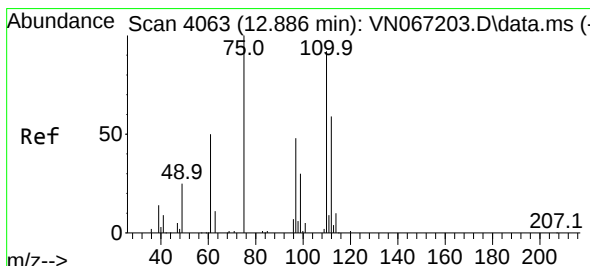
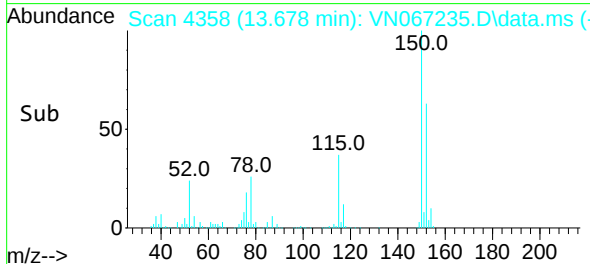
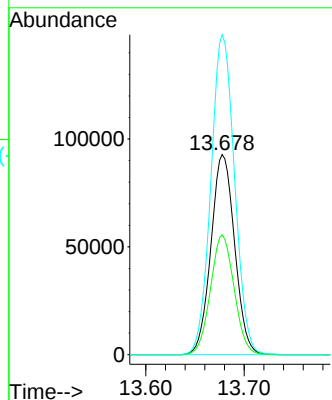
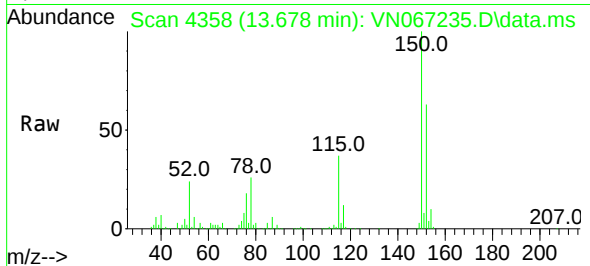




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

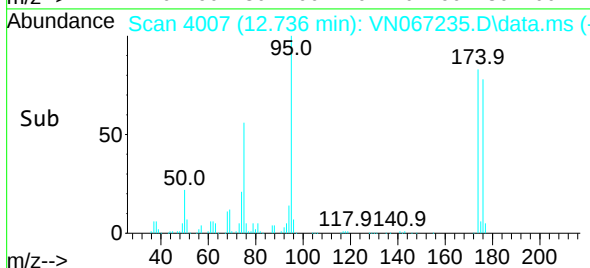
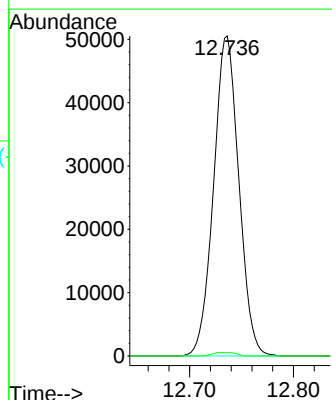
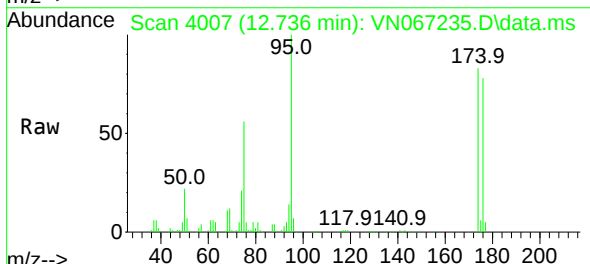
Instrument :
MSVOA_N
ClientSampleId :
18-B12(0-2)

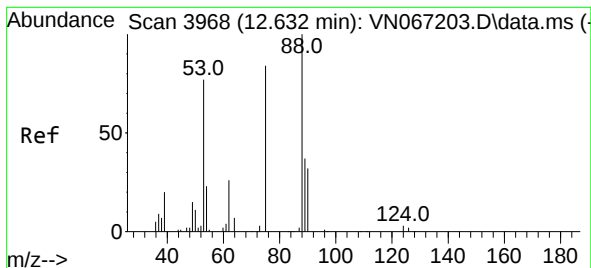
Tgt Ion:152 Resp: 155785
Ion Ratio Lower Upper
152 100
115 59.6 27.0 80.8
150 159.8 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 28.463 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.150 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion: 75 Resp: 85272
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

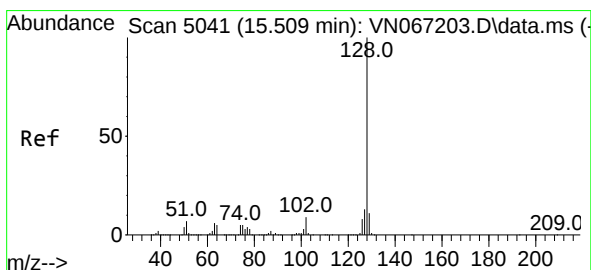
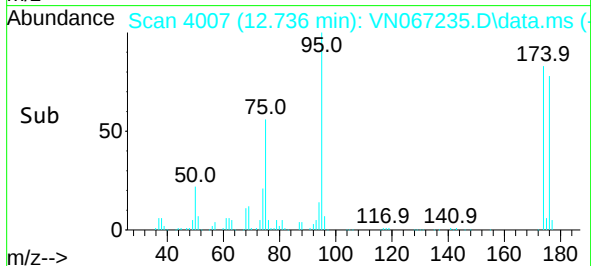
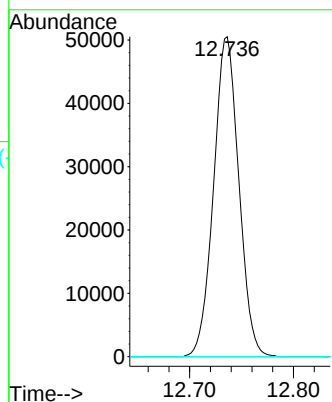
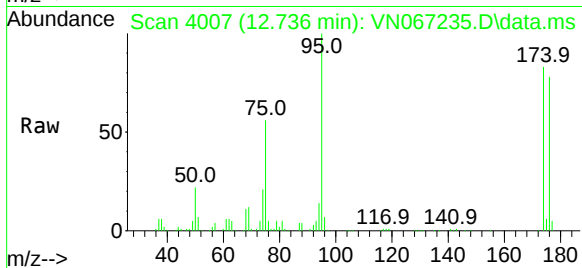




#81
trans-1,4-Dichloro-2-butene
Concen: 69.642 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Instrument :
MSVOA_N
ClientSampled :
18-B12(0-2)

Tgt Ion: 75 Resp: 85272
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.668 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067235.D
Acq: 5 Jun 2021 17:12

Tgt Ion:128 Resp: 1855
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

