

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067238.D
 Acq On : 5 Jun 2021 18:23
 Operator : JC/MD
 Sample : M2599-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 339

Quant Time: Jun 07 01:17:45 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)

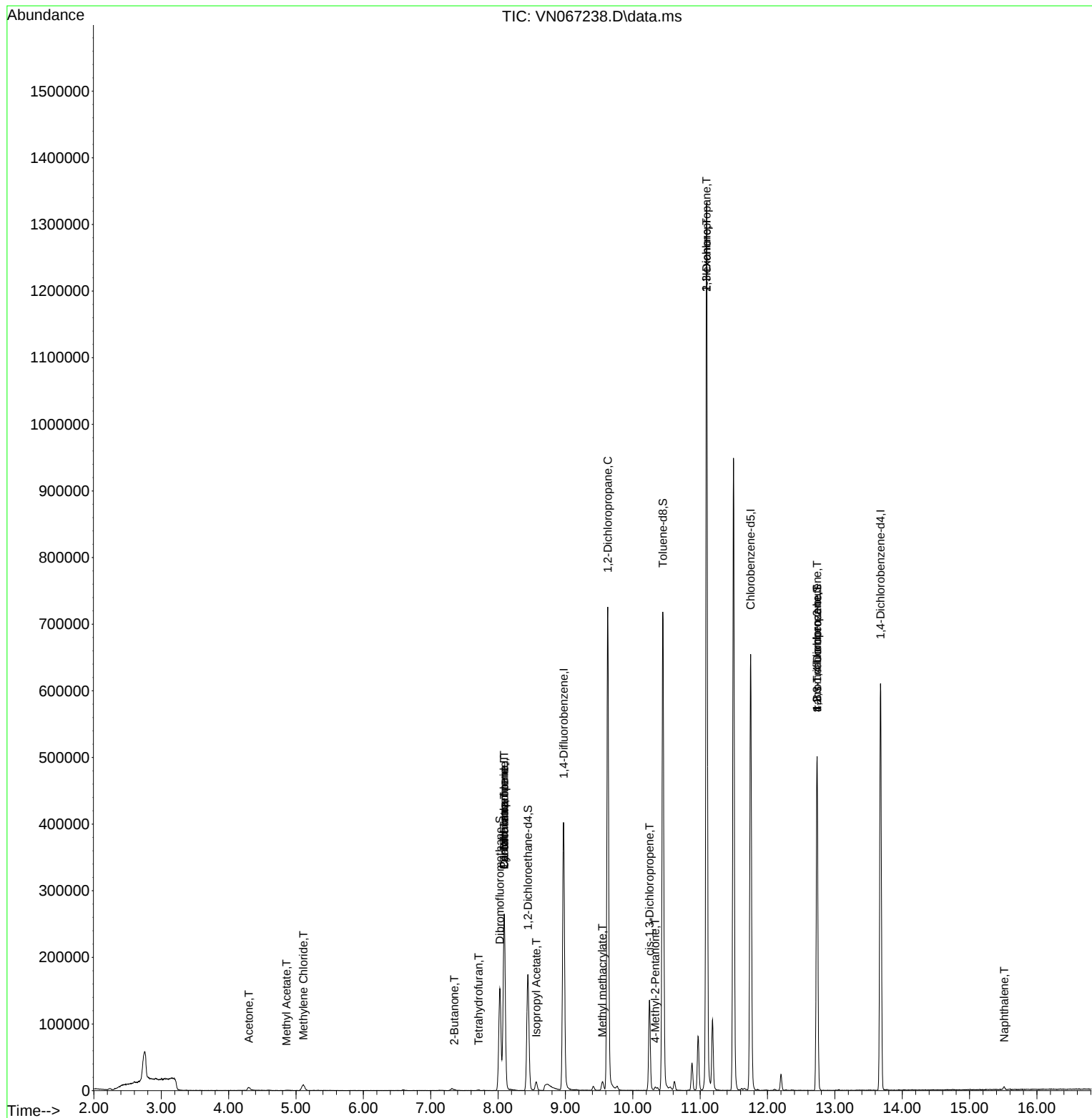
Internal Standards						
1) Pentafluorobenzene	8.091	168	206491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	367504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	375055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	160431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	138264	49.122	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.240%		
35) Dibromofluoromethane	8.027	113	108926	47.810	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.620%		
50) Toluene-d8	10.446	98	501688	54.069	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.140%		
62) 4-Bromofluorobenzene	12.736	95	160694	44.967	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.940%		
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	8787	9.047	ug/l	94
18) Methyl Acetate	4.859	43	678	0.246	ug/l #	48
20) Methylene Chloride	5.109	84	7033	2.876	ug/l #	89
25) 2-Butanone	7.351	43	2339	1.504	ug/l #	83
29) Tetrahydrofuran	7.710	42	662	0.716	ug/l #	34
31) Cyclohexane	8.091	56	5169	1.368	ug/l #	42
36) 1,1-Dichloropropene	8.091	75	16728	4.929	ug/l #	47
38) Carbon Tetrachloride	8.091	117	20160	5.439	ug/l #	15
43) Isopropyl Acetate	8.568	43	15546	2.499	ug/l #	84
45) 1,2-Dichloropropane	9.631	63	722	0.275	ug/l #	45
48) Methyl methacrylate	9.550	41	3713	1.377	ug/l #	9
51) 4-Methyl-2-Pentanone	10.336	43	3792	1.040	ug/l #	85
54) cis-1,3-Dichloropropene	10.247	75	25086	5.581	ug/l #	69
57) 1,3-Dichloropropane	11.095	76	13423	3.089	ug/l #	42
59) 2-Hexanone	11.095	43	205938	77.719	ug/l #	44
76) 1,2,3-Trichloropropane	12.736	75	90995	29.494	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	90995	72.164	ug/l #	15
95) Naphthalene	15.515	128	4430	4.990	ug/l #	95

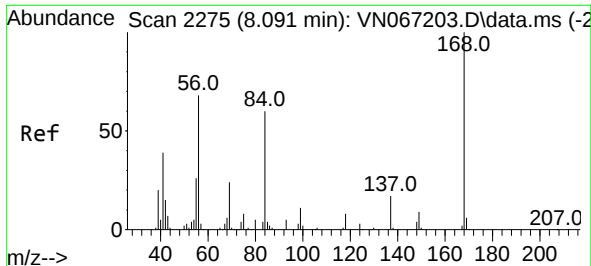
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
Data File : VN067238.D
Acq On : 5 Jun 2021 18:23
Operator : JC/MD
Sample : M2599-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
339

Quant Time: Jun 07 01:17:45 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

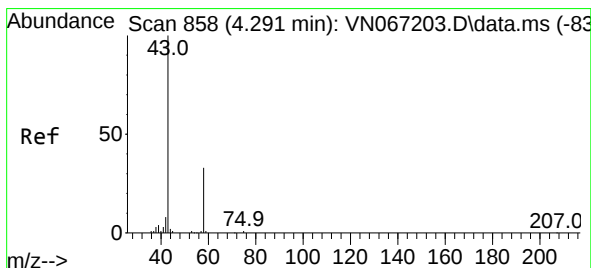
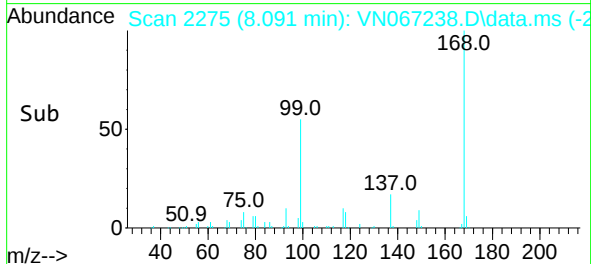
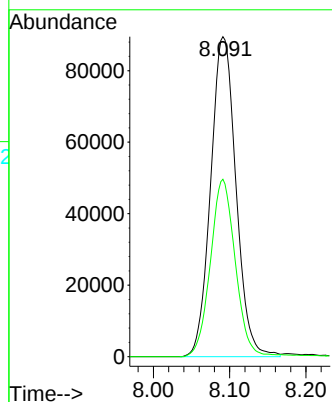
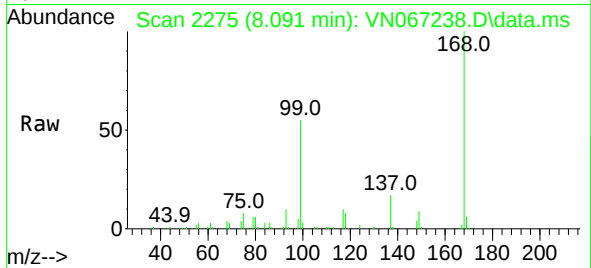




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

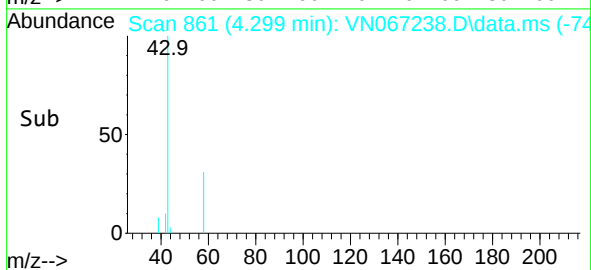
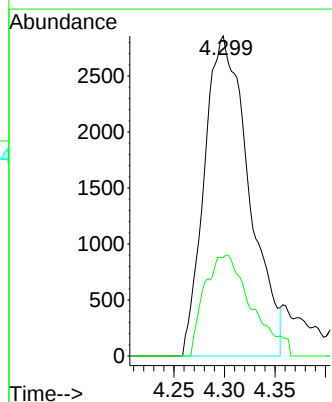
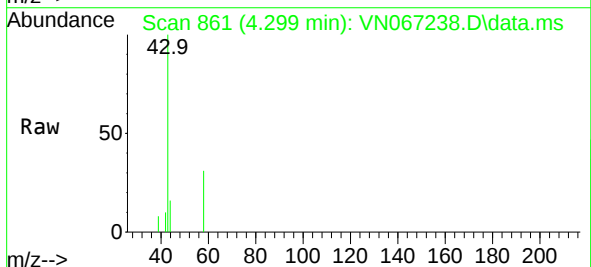
Instrument :
MSVOA_N
ClientSampled :
339

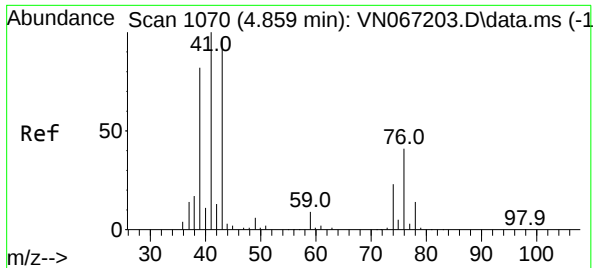
Tgt Ion:168 Resp: 206491
Ion Ratio Lower Upper
168 100
99 55.4 38.5 57.7



#16
Acetone
Concen: 9.047 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 43 Resp: 8787
Ion Ratio Lower Upper
43 100
58 30.8 27.2 40.8

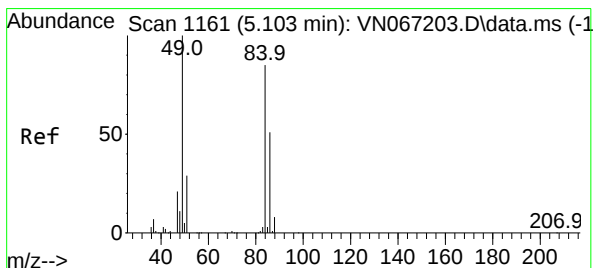
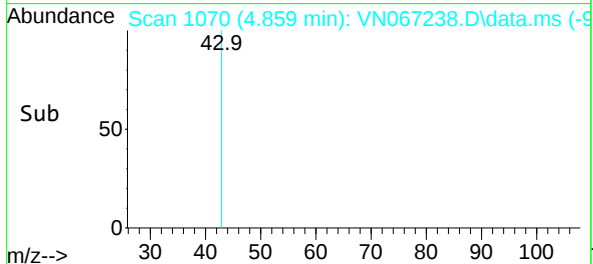
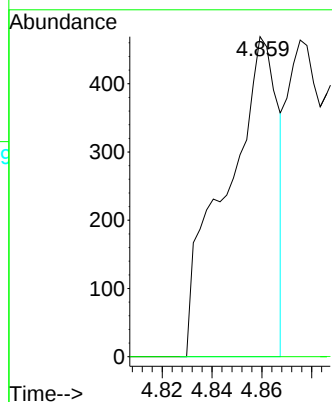
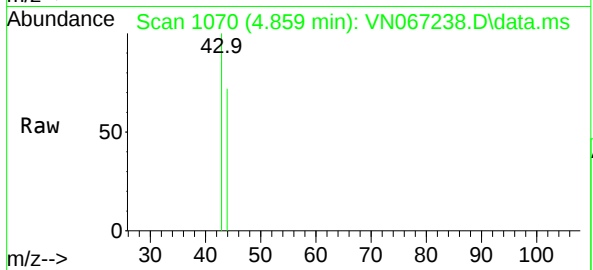




#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

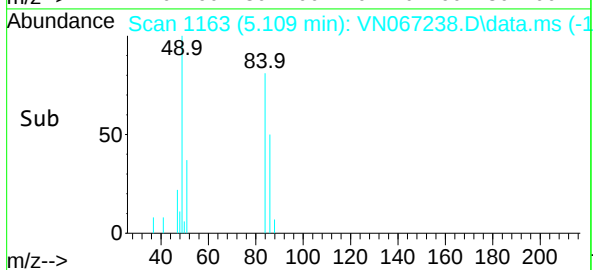
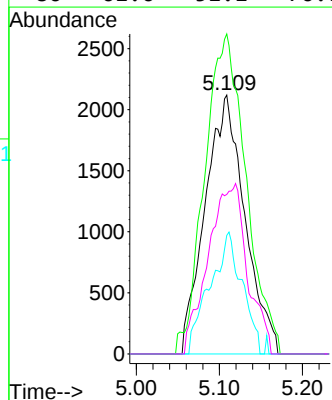
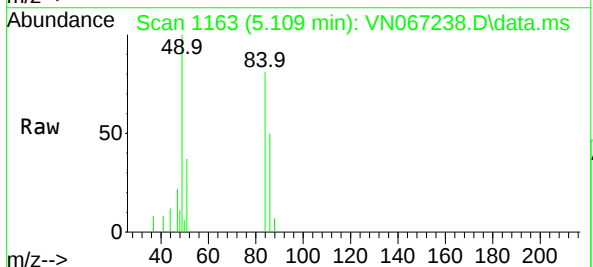
Instrument :
MSVOA_N
ClientSampled :
339

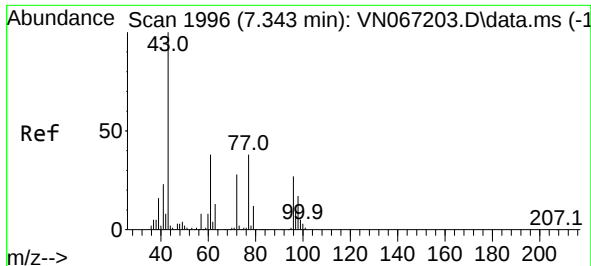
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#20
Methylene Chloride
Concen: 2.876 ug/l
RT: 5.109 min Scan# 1163
Delta R.T. 0.005 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 84 Resp: 7033
Ion Ratio Lower Upper
84 100
49 123.6 88.3 132.5
51 45.8 26.7 40.1#
86 61.6 51.1 76.7

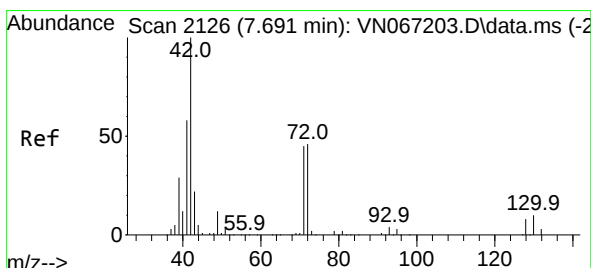
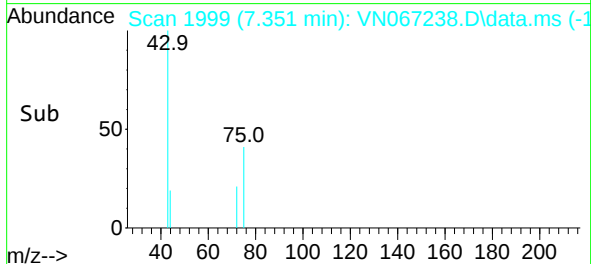
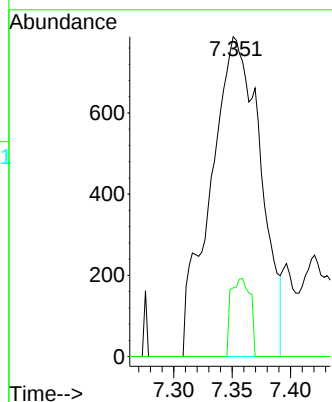
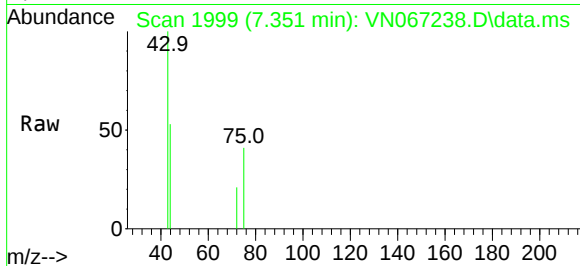




#25
2-Butanone
Concen: 1.504 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

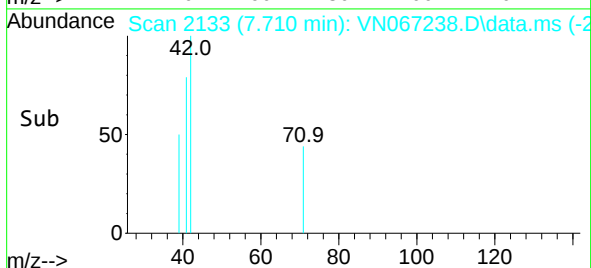
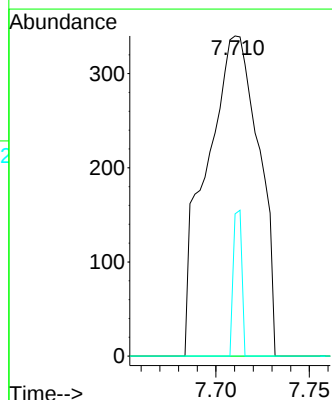
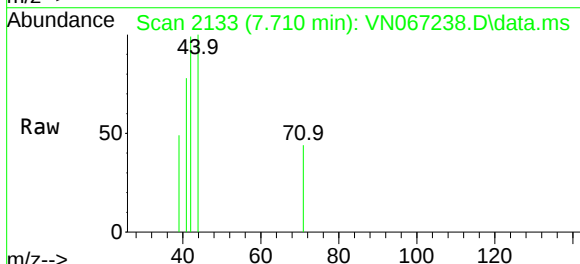
Instrument :
MSVOA_N
ClientSampled :
339

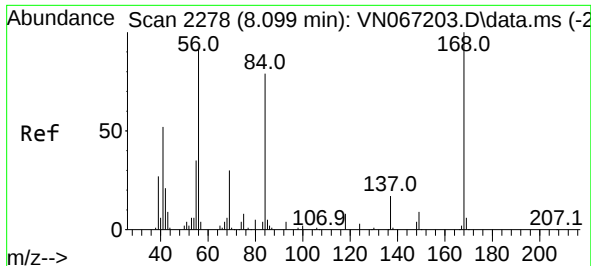
Tgt Ion: 43 Resp: 2339
Ion Ratio Lower Upper
43 100
72 21.4 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.716 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.019 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

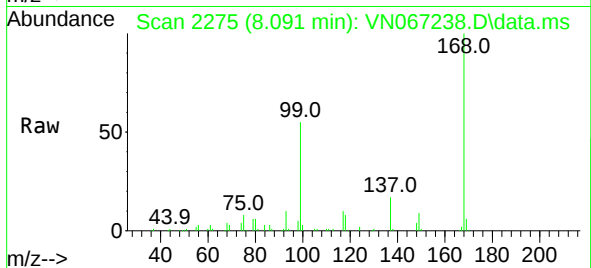
Tgt Ion: 42 Resp: 662
Ion Ratio Lower Upper
42 100
72 0.0 40.1 60.1#
71 7.4 37.9 56.9#



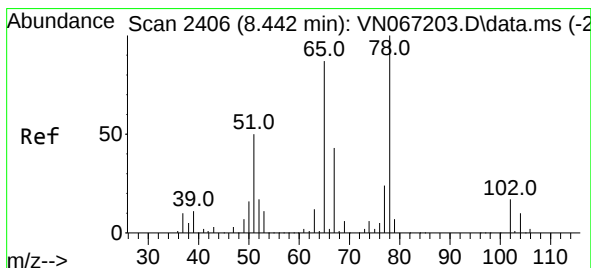
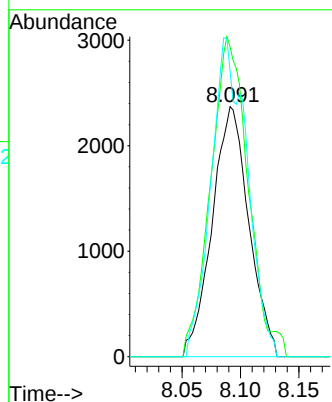
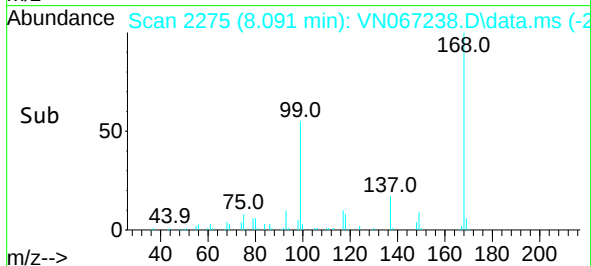


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

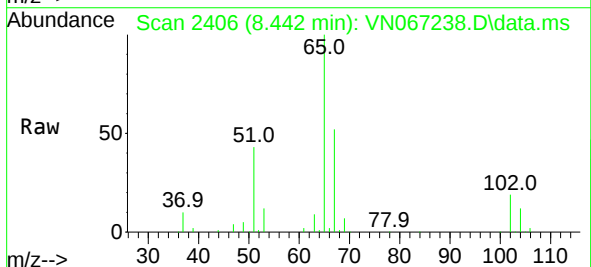
Instrument :
MSVOA_N
ClientSampleId :
339



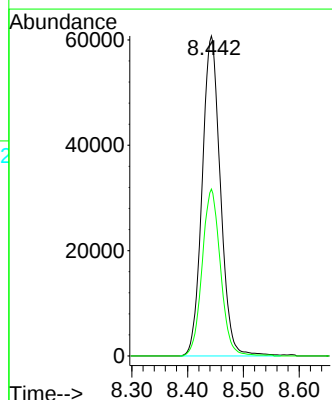
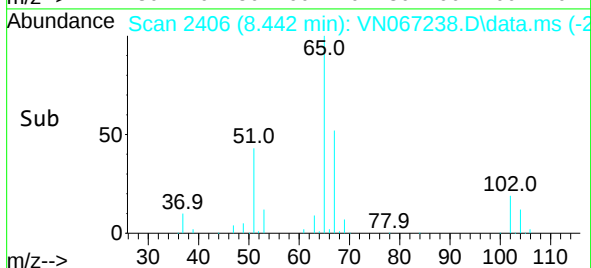
Tgt Ion: 56 Resp: 5169
Ion Ratio Lower Upper
56 100
69 123.8 28.0 42.0#
84 114.0 74.2 111.2#

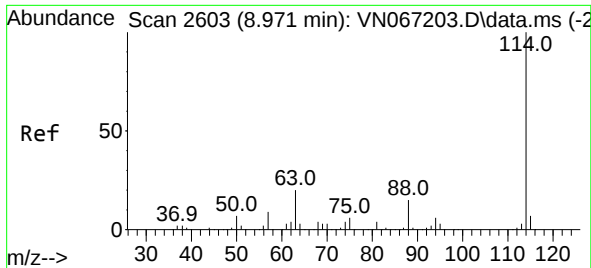


#33
1,2-Dichloroethane-d4
Concen: 49.122 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23



Tgt Ion: 65 Resp: 138264
Ion Ratio Lower Upper
65 100
67 52.3 0.0 110.4

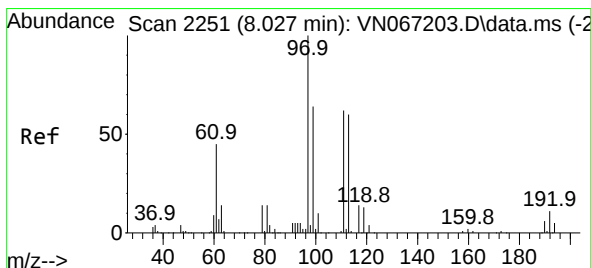
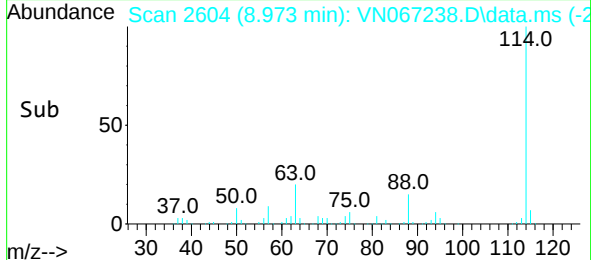
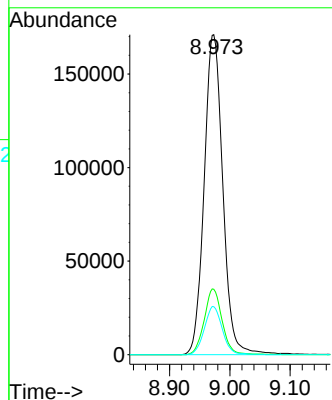
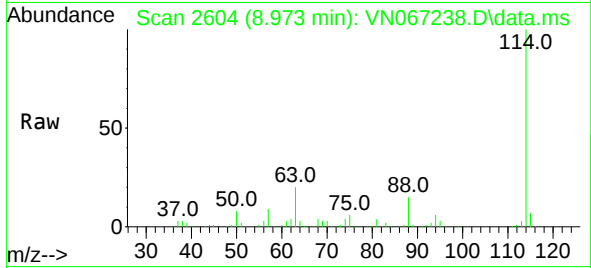




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

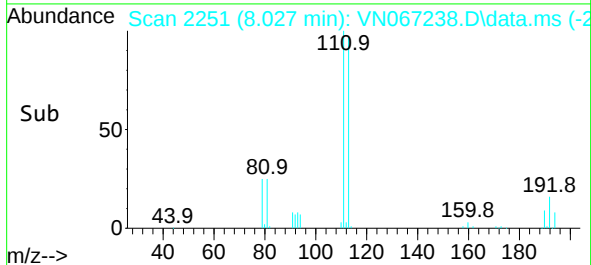
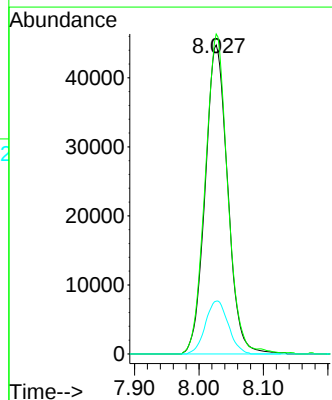
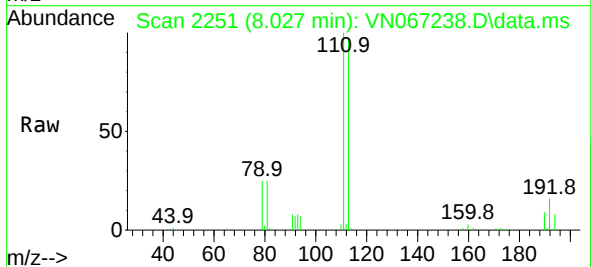
Instrument :
MSVOA_N
ClientSampleId :
339

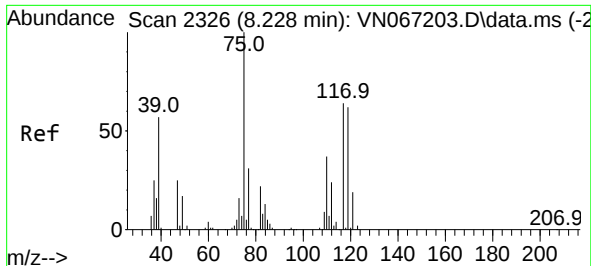
Tgt Ion:114 Resp: 367504
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.8
88 15.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.810 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion:113 Resp: 108926
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.4 18.2 27.4#

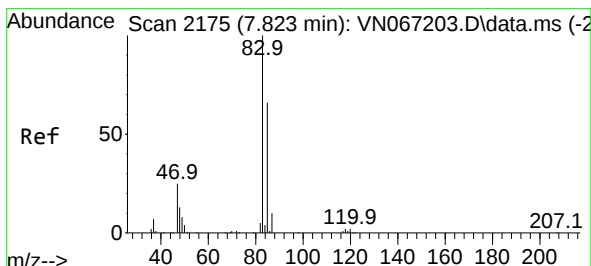
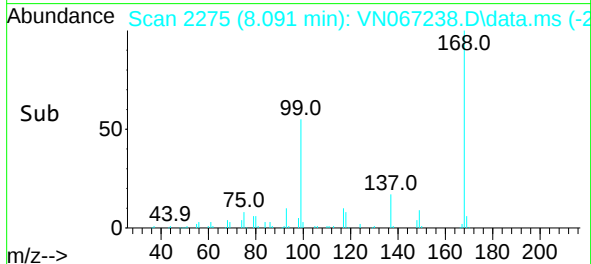
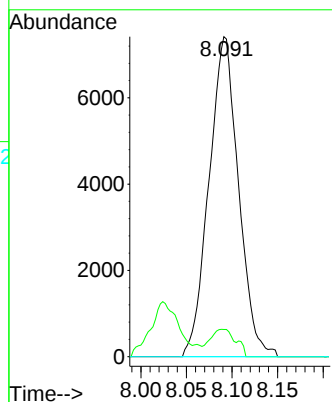
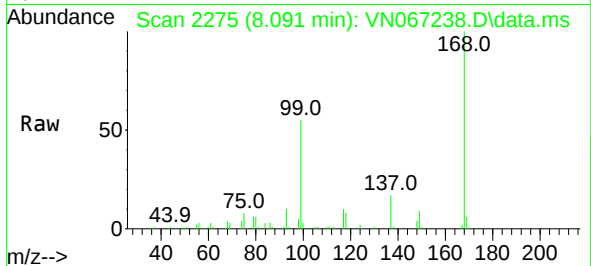




#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

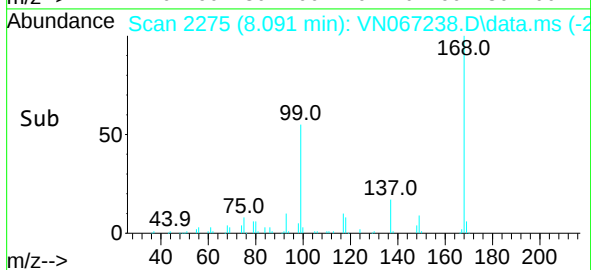
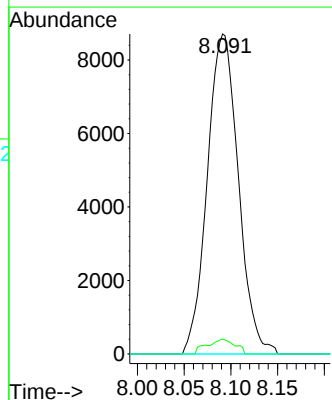
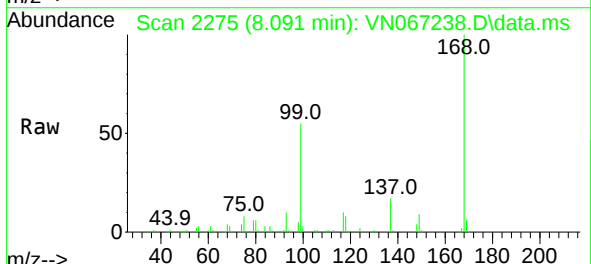
Instrument :
MSVOA_N
ClientSampleId :
339

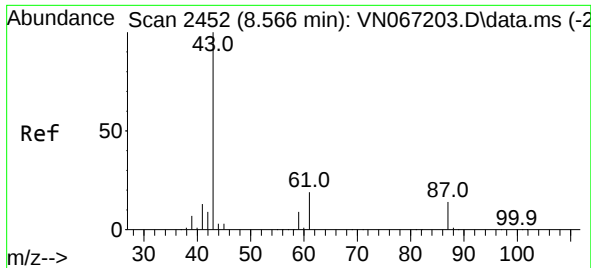
Tgt Ion: 75 Resp: 16728
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.121 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 117 Resp: 20160
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.7 37.1#

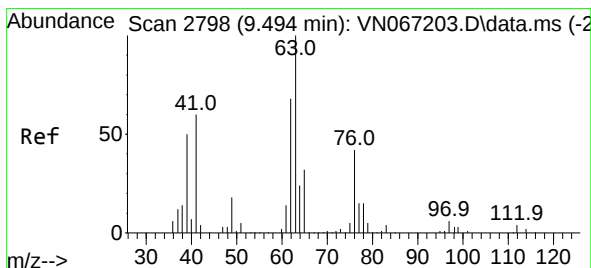
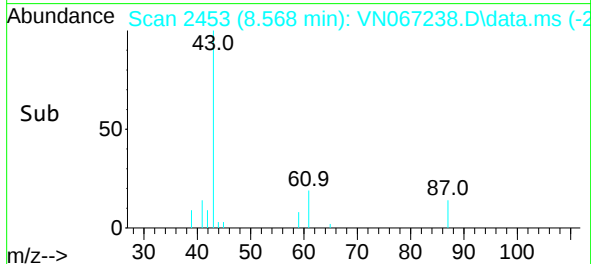
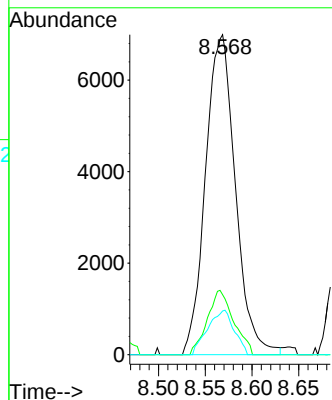
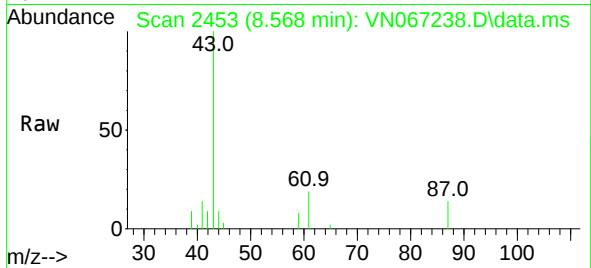




#43
Isopropyl Acetate
Concen: 2.499 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.003 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

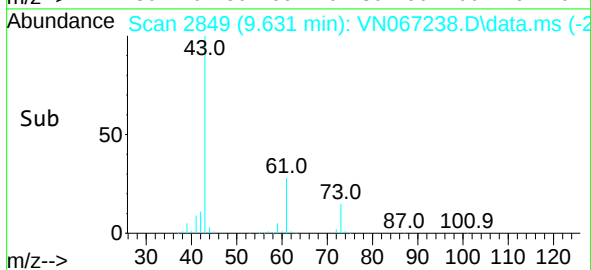
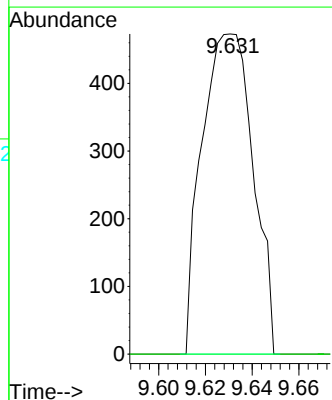
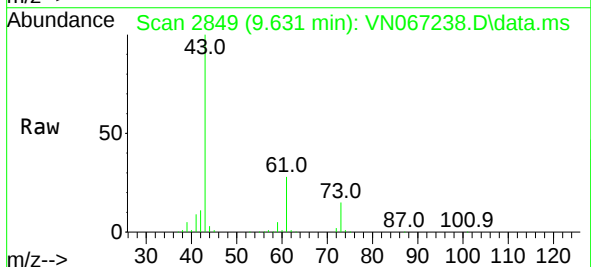
Instrument :
MSVOA_N
ClientSampled :
339

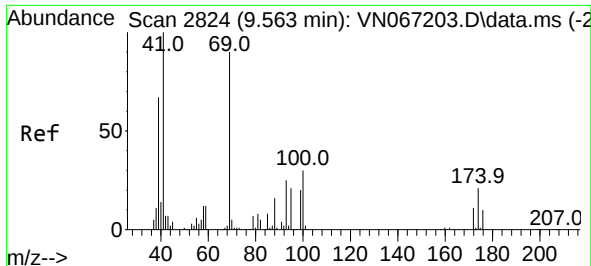
Tgt Ion: 43 Resp: 15546
Ion Ratio Lower Upper
43 100
61 17.7 23.4 35.0#
87 12.3 12.2 18.2



#45
1,2-Dichloropropane
Concen: 0.275 ug/l
RT: 9.631 min Scan# 2849
Delta R.T. 0.137 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

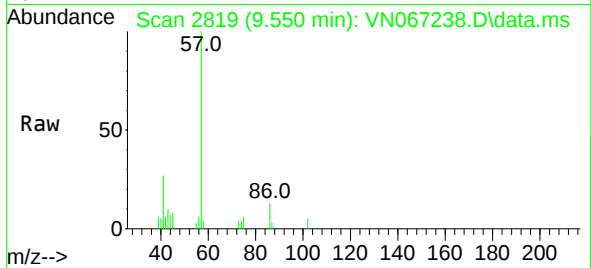
Tgt Ion: 63 Resp: 722
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



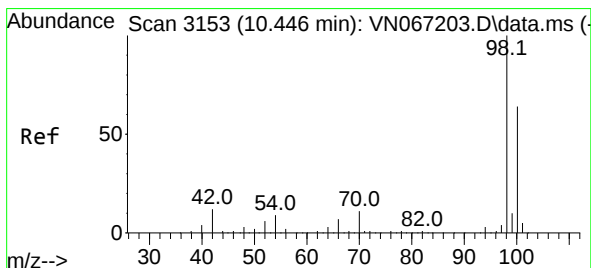
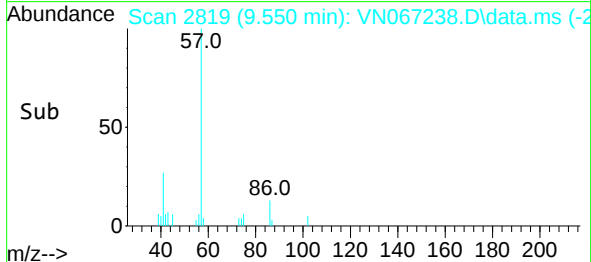
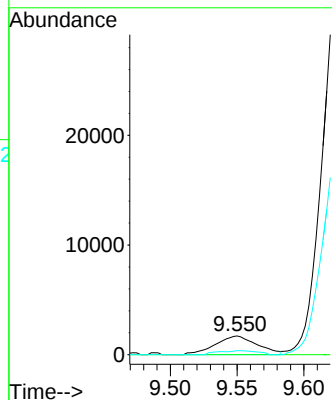


#48
Methyl methacrylate
Concen: 1.377 ug/l
RT: 9.550 min Scan# 2819
Delta R.T. -0.013 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Instrument :
MSVOA_N
ClientSampled :
339

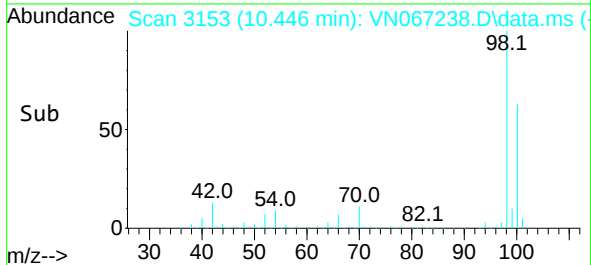
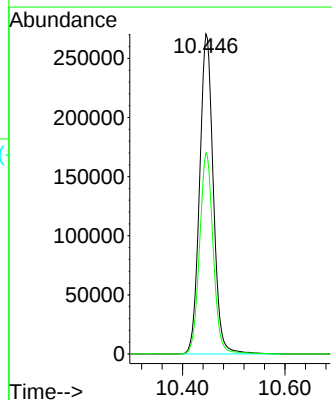
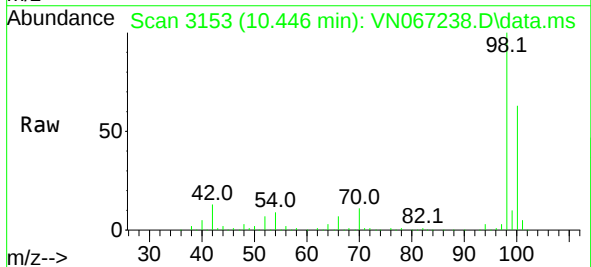


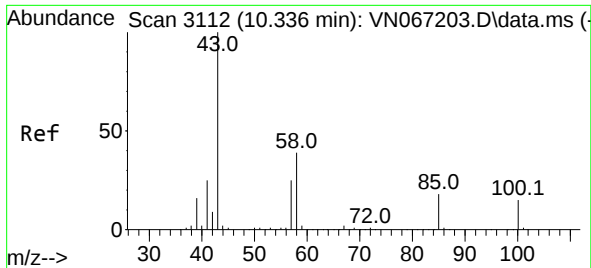
Tgt Ion: 41 Resp: 3713
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 54.069 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 98 Resp: 501688
Ion Ratio Lower Upper
98 100
100 62.6 51.8 77.8

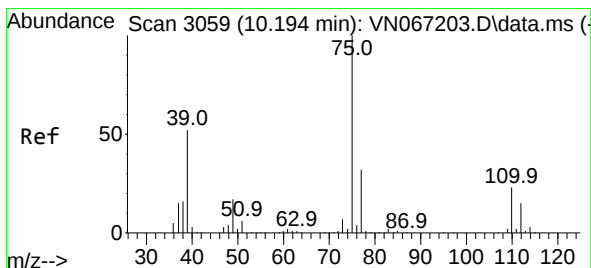
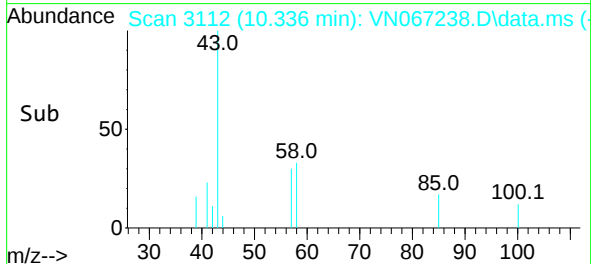
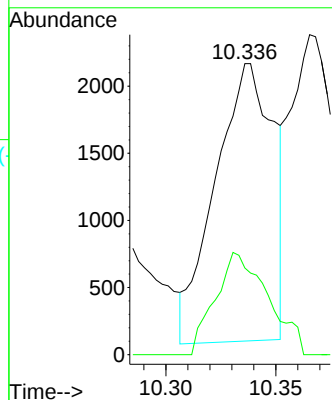
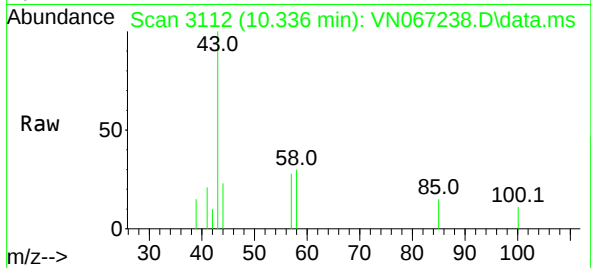




#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

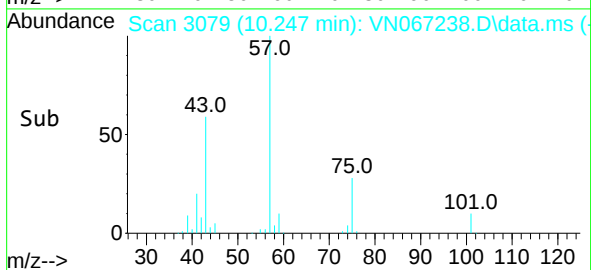
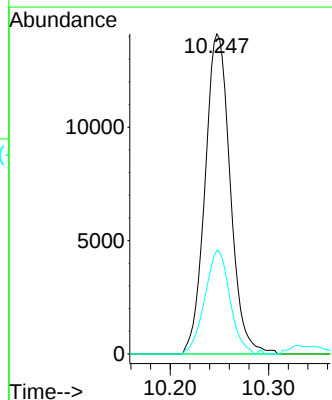
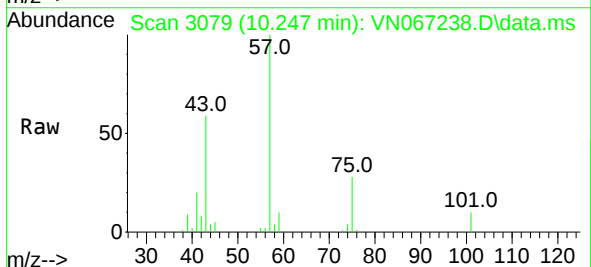
Instrument :
MSVOA_N
ClientSampled :
339

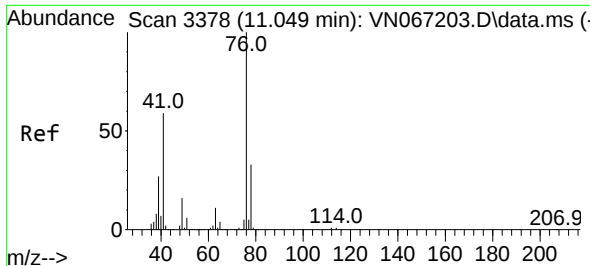
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
58 33.6 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 5.581 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 75 Resp: 25086
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 32.4 30.9 46.3

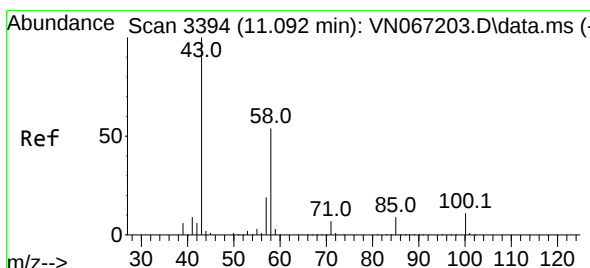
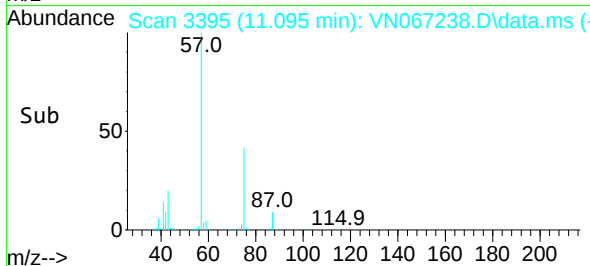
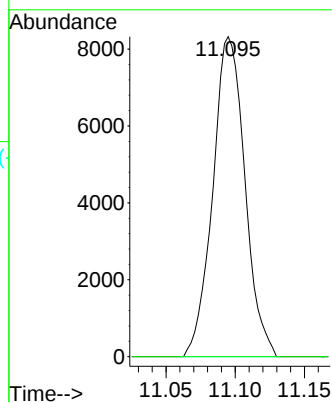
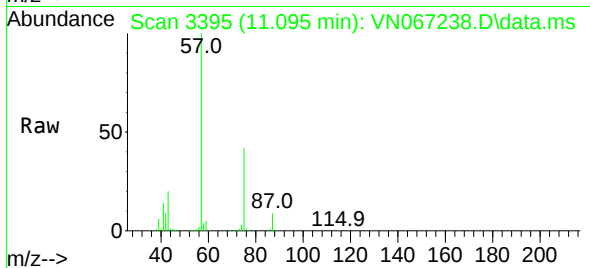




#57
1,3-Dichloropropane
Concen: 3.089 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

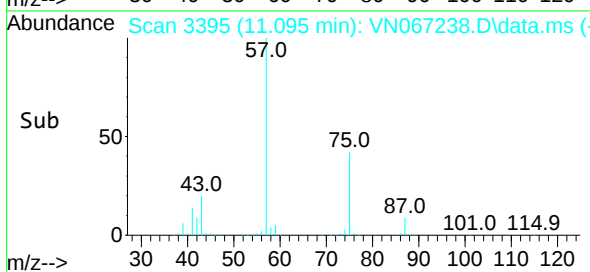
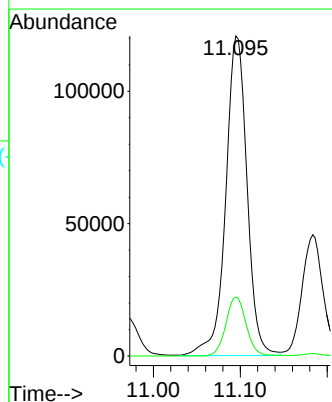
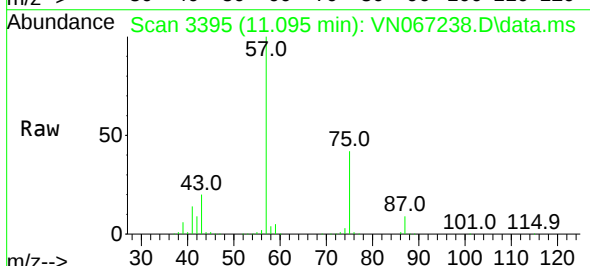
Instrument :
MSVOA_N
ClientSampled :
339

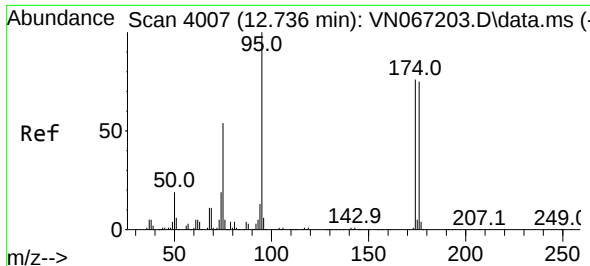
Tgt Ion: 76 Resp: 13423
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 77.719 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 43 Resp: 205938
Ion Ratio Lower Upper
43 100
58 17.6 29.8 89.5#

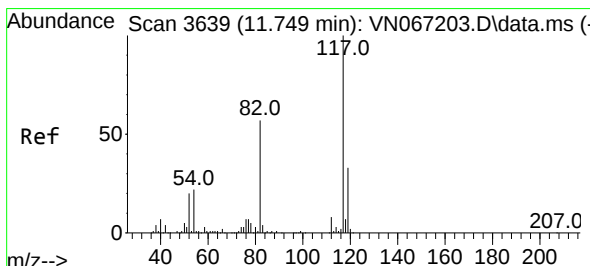
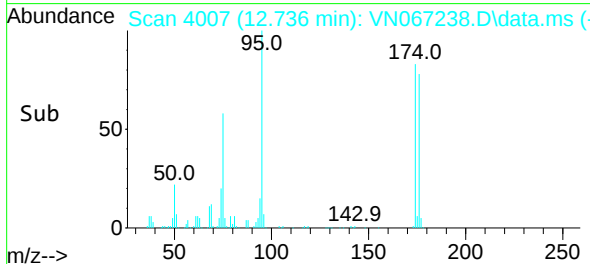
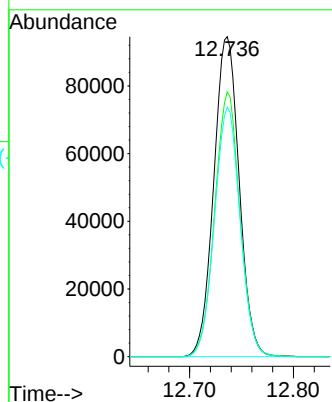
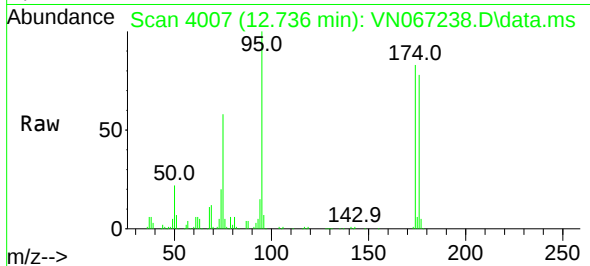




#62
4-Bromofluorobenzene
Concen: 44.967 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

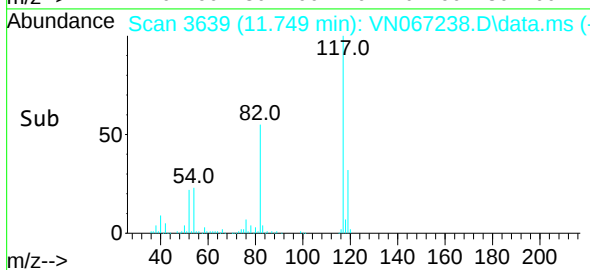
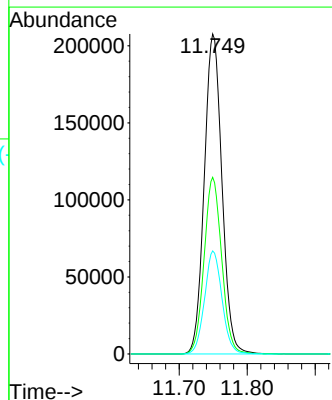
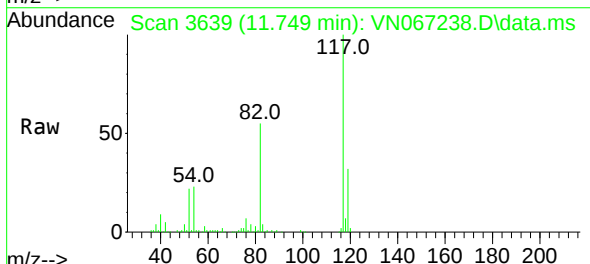
Instrument :
MSVOA_N
ClientSampleId :
339

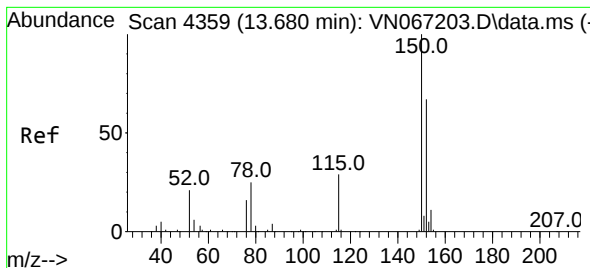
Tgt Ion: 95 Resp: 160694
Ion Ratio Lower Upper
95 100
174 82.1 0.0 182.8
176 78.6 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 117 Resp: 375055
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.2
119 32.2 25.8 38.6



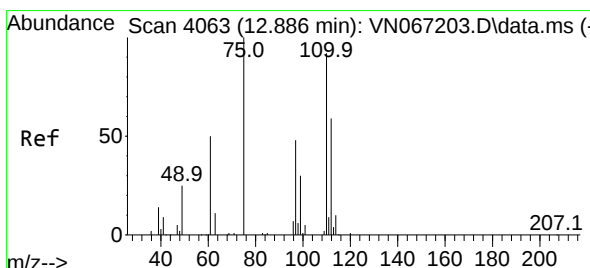
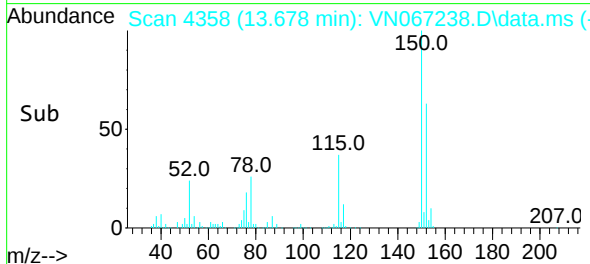
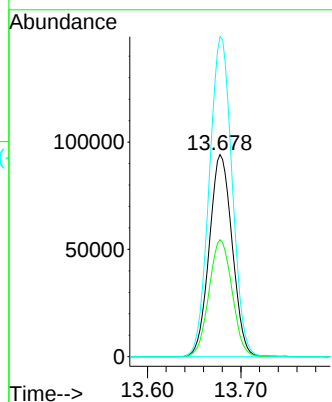
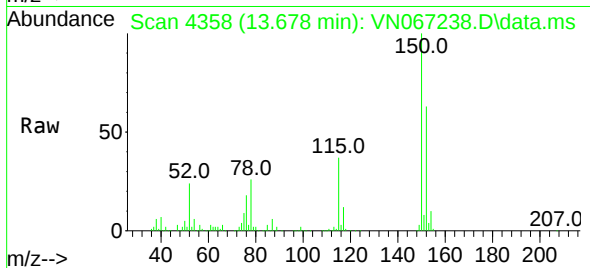


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Instrument :
MSVOA_N
ClientSampled :
339

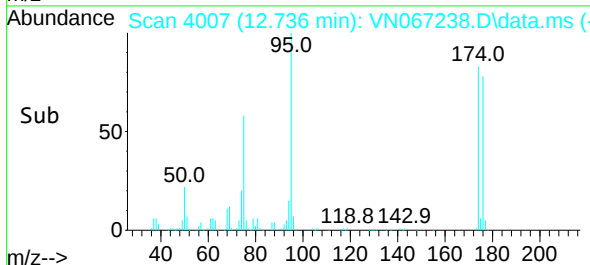
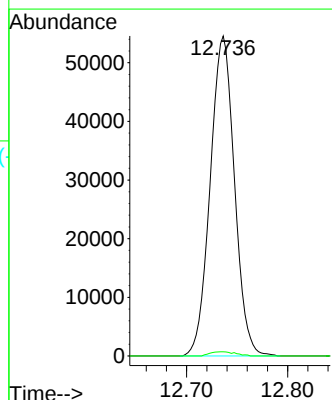
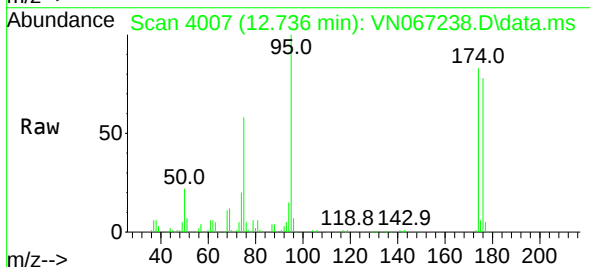
Tgt Ion:152 Resp: 160431
Ion Ratio Lower Upper
152 100
115 58.3 27.0 80.8
150 157.7 0.0 350.2

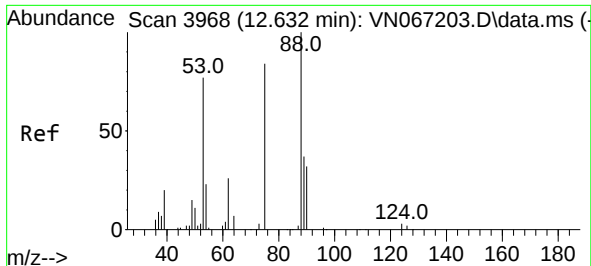


#76

1,2,3-Trichloropropane
Concen: 29.494 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.150 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 75 Resp: 90995
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

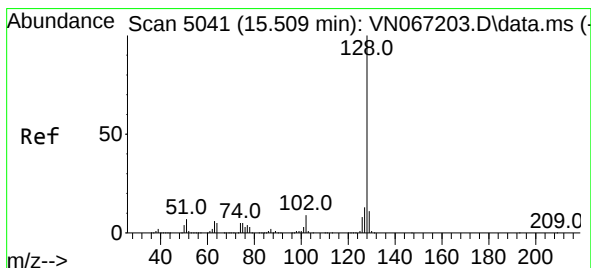
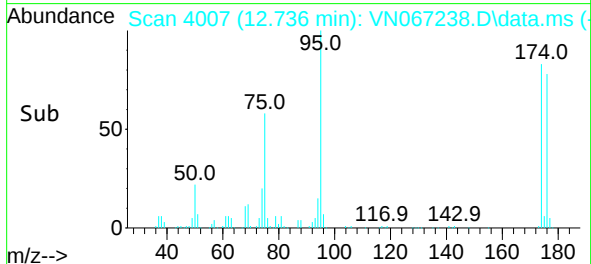
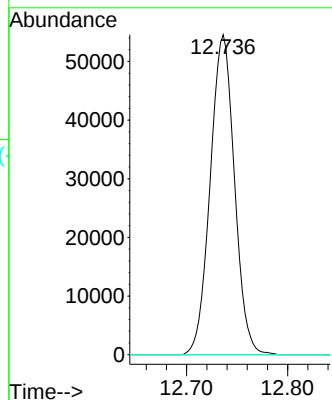
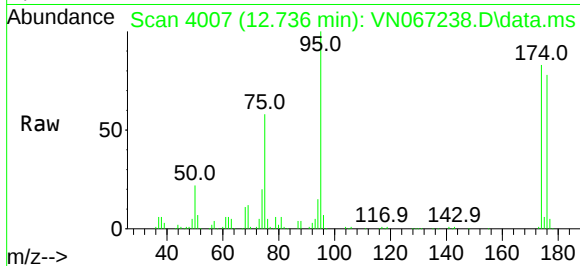




#81
trans-1,4-Dichloro-2-butene
Concen: 72.164 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Instrument :
MSVOA_N
ClientSampled :
339

Tgt Ion: 75 Resp: 90995
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.990 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067238.D
Acq: 5 Jun 2021 18:23

Tgt Ion: 128 Resp: 4430
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.2
129 8.5 8.6 13.0#

