

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067244.D
 Acq On : 5 Jun 2021 20:44
 Operator : JC/MD
 Sample : M2603-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC6

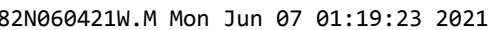
Quant Time: Jun 07 01:19:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

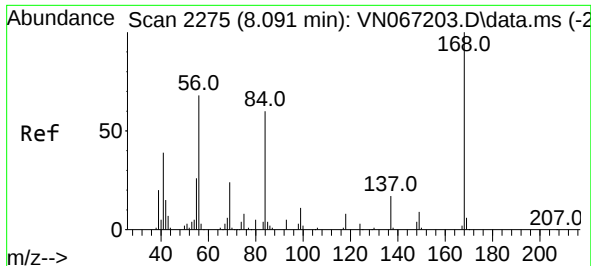
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.091	168	224498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	382115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	389886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	167905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	136523	44.613	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.220%		
35) Dibromofluoromethane	8.027	113	112983	47.695	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.380%		
50) Toluene-d8	10.446	98	508912	52.750	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.500%		
62) 4-Bromofluorobenzene	12.736	95	162356	43.695	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.380%		
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	10283	9.738	ug/l #	86
18) Methyl Acetate	4.870	43	3110	1.039	ug/l #	75
20) Methylene Chloride	5.101	84	7191	2.704	ug/l #	95
25) 2-Butanone	7.346	43	1313	0.777	ug/l #	83
29) Tetrahydrofuran	7.705	42	395	0.393	ug/l #	38
31) Cyclohexane	8.091	56	5053	1.230	ug/l #	38
36) 1,1-Dichloropropene	8.094	75	16917	4.794	ug/l #	48
38) Carbon Tetrachloride	8.091	117	21697	5.630	ug/l #	16
41) Methacrylonitrile	7.716	41	355	0.202	ug/l #	12
43) Isopropyl Acetate	8.569	43	15453	2.389	ug/l #	85
45) 1,2-Dichloropropane	9.628	63	919	0.337	ug/l #	45
48) Methyl methacrylate	9.550	41	3949	1.409	ug/l #	9
51) 4-Methyl-2-Pentanone	10.336	43	3519	0.928	ug/l	92
54) cis-1,3-Dichloropropene	10.247	75	25961	5.555	ug/l #	69
57) 1,3-Dichloropropane	11.095	76	15321	3.391	ug/l #	42
59) 2-Hexanone	11.095	43	231110	83.884	ug/l #	44
71) Bromoform	12.728	173	609	0.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	89779	27.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	89779	68.030	ug/l #	15
95) Naphthalene	15.515	128	132	4.440	ug/l #	69

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

Quant Time: Jun 07 01:19:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
Quant Title : SW846 8260
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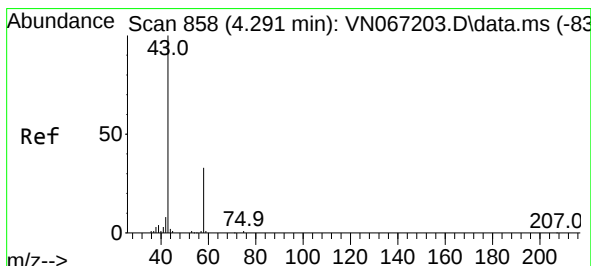
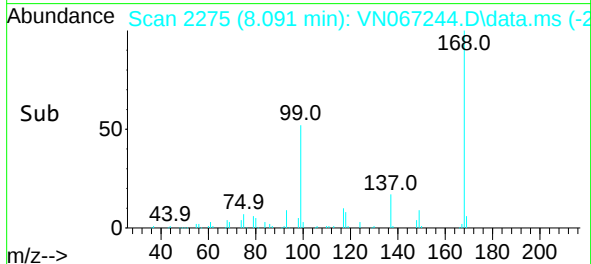
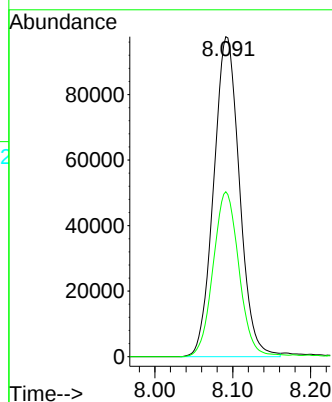
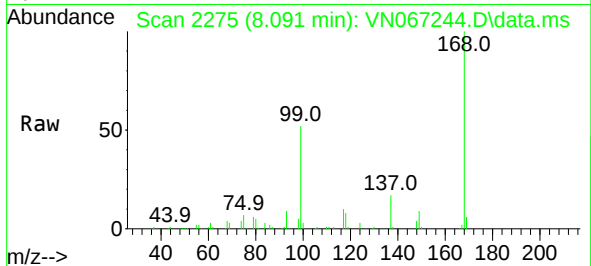




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

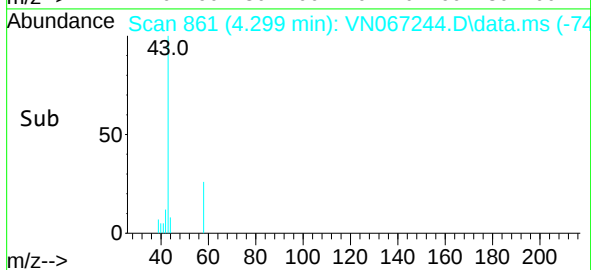
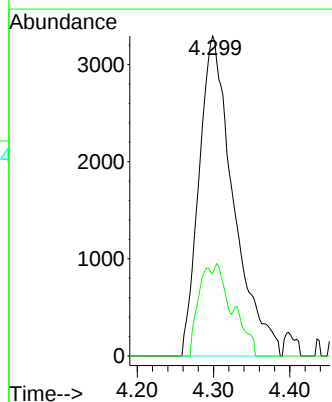
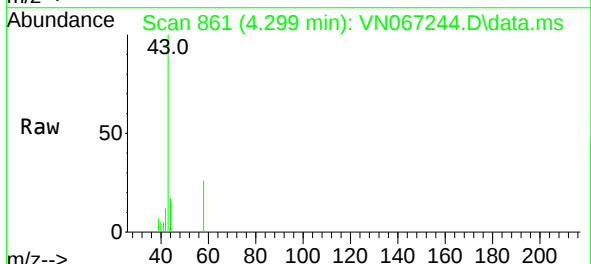
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

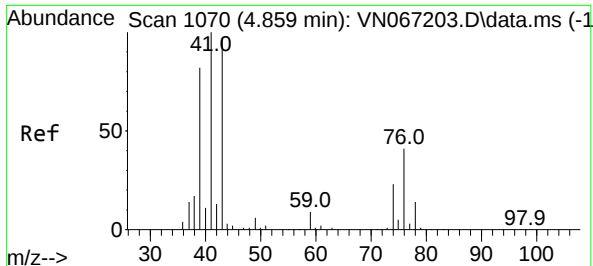
Tgt Ion:168 Resp: 224498
Ion Ratio Lower Upper
168 100
99 51.5 38.5 57.7



#16
Acetone
Concen: 9.738 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 43 Resp: 10283
Ion Ratio Lower Upper
43 100
58 25.8 27.2 40.8#





#18

Methyl Acetate

Concen: 1.039 ug/l

RT: 4.870 min Scan# 1074

Delta R.T. 0.011 min

Lab File: VN067244.D

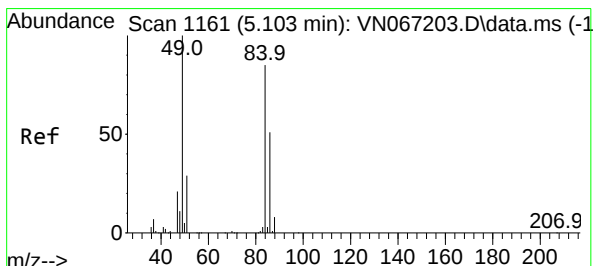
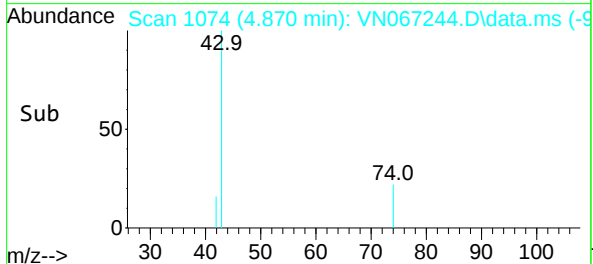
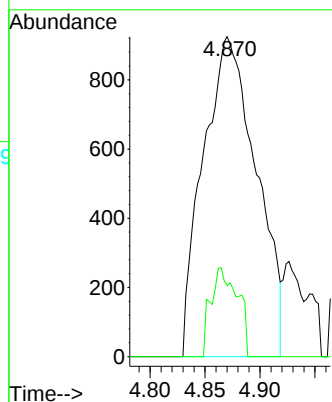
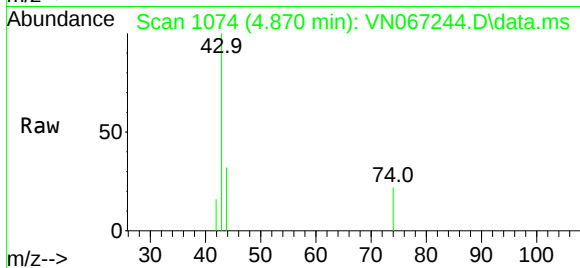
Acq: 5 Jun 2021 20:44

Tgt Ion: 43 Resp: 3110

Ion Ratio Lower Upper

43 100

74 14.0 21.4 32.2#



#20

Methylene Chloride

Concen: 2.704 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. -0.003 min

Lab File: VN067244.D

Acq: 5 Jun 2021 20:44

Tgt Ion: 84 Resp: 7191

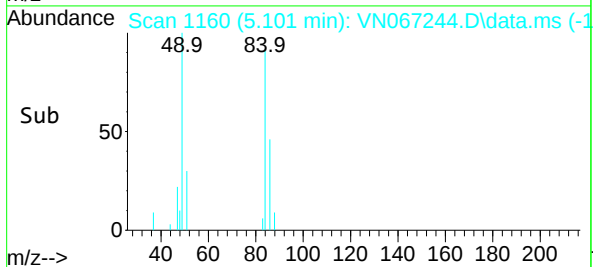
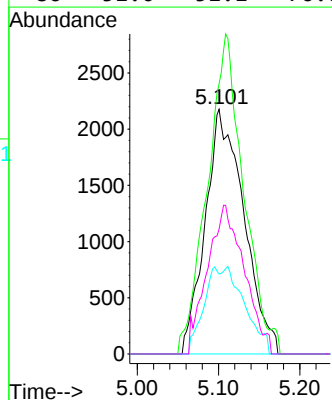
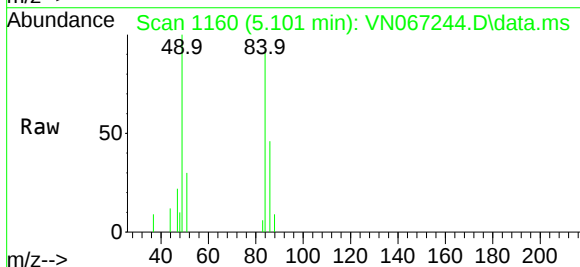
Ion Ratio Lower Upper

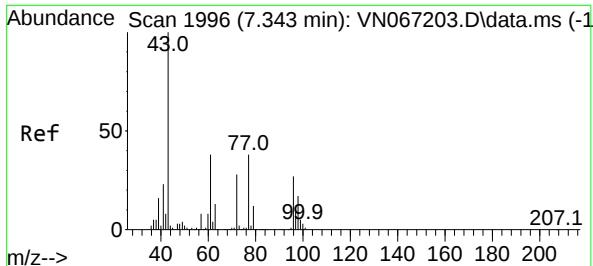
84 100

49 110.4 88.3 132.5

51 32.6 26.7 40.1

86 51.0 51.1 76.7#

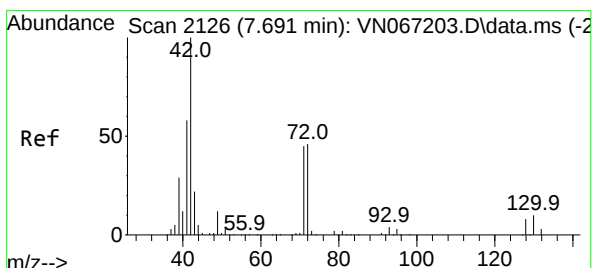
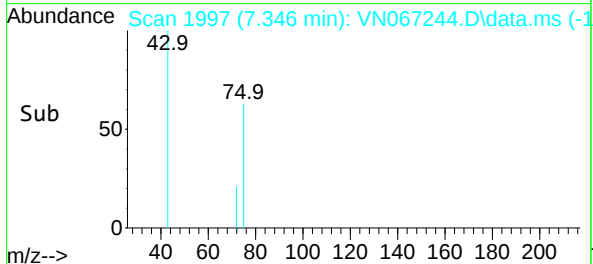
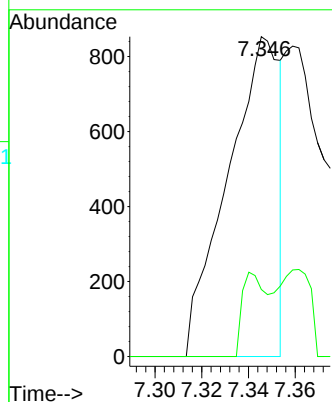
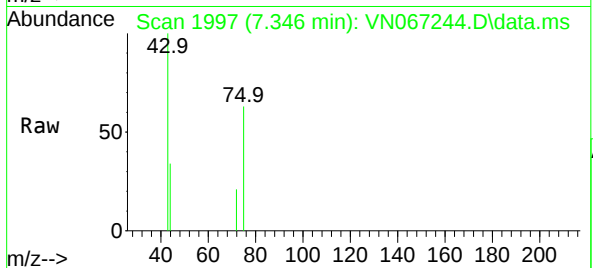




#25
2-Butanone
Concen: 0.777 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.003 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

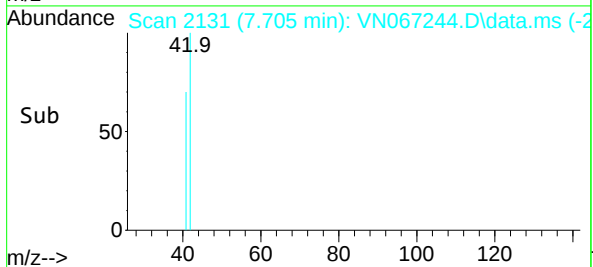
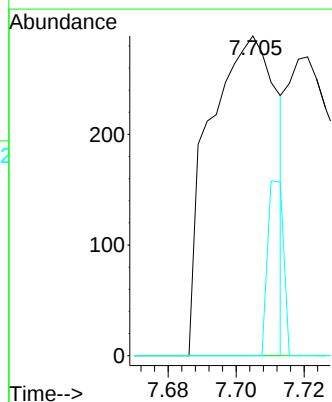
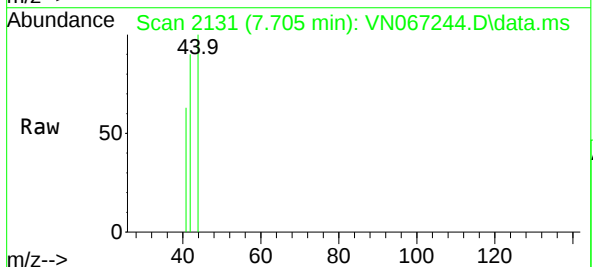
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

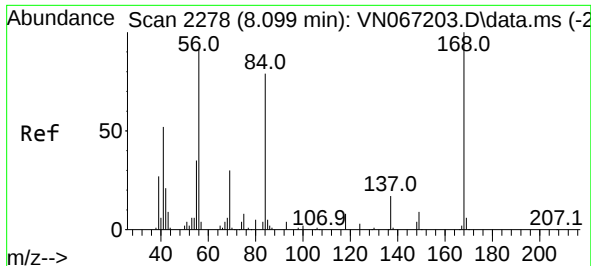
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
72 21.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.393 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.014 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

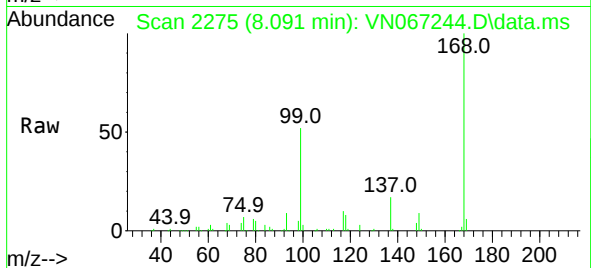
Tgt Ion: 42 Resp: 395
Ion Ratio Lower Upper
42 100
72 0.0 40.1 60.1#
71 12.9 37.9 56.9#



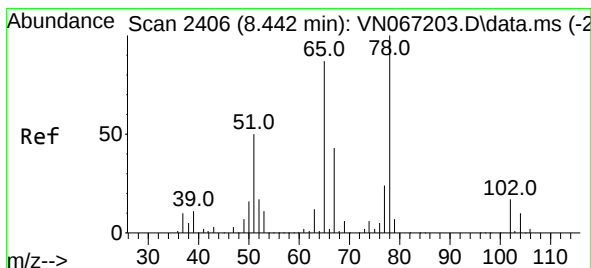
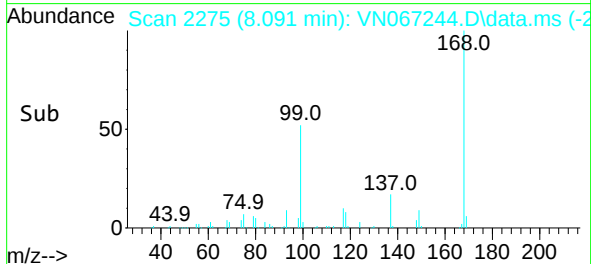
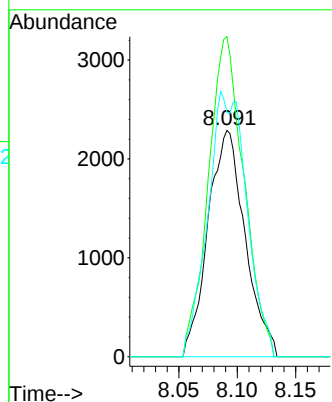


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

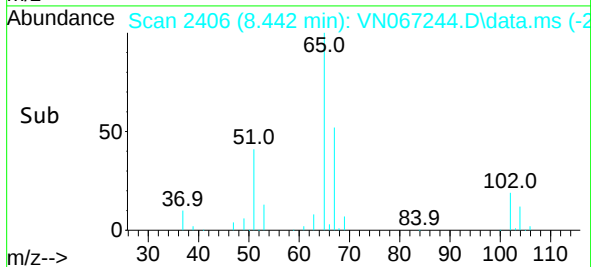
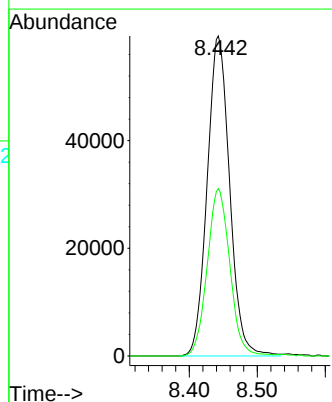
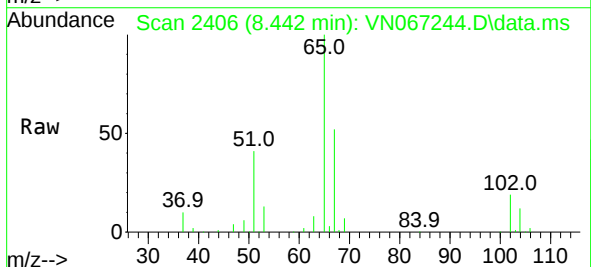


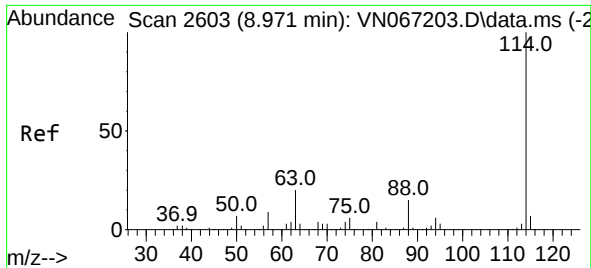
Tgt Ion: 56 Resp: 5053
Ion Ratio Lower Upper
56 100
69 141.4 28.0 42.0#
84 108.0 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 44.613 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 65 Resp: 136523
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.4

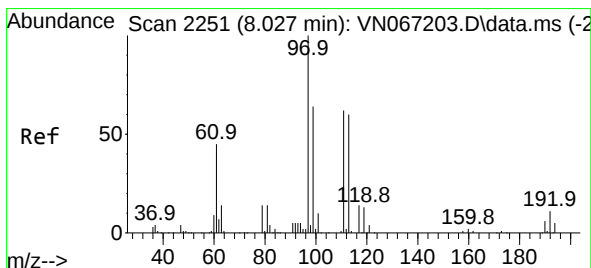
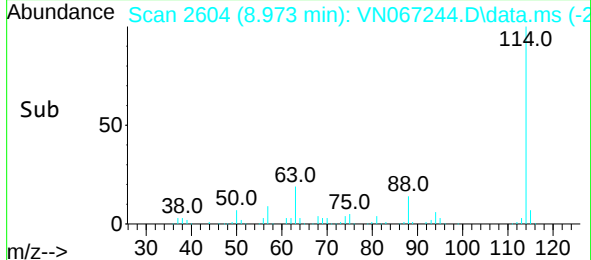
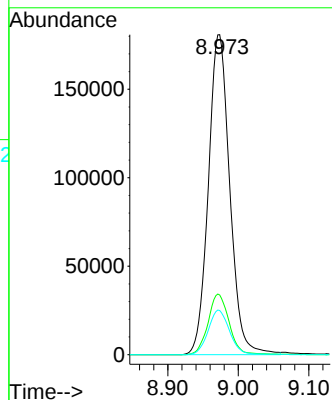
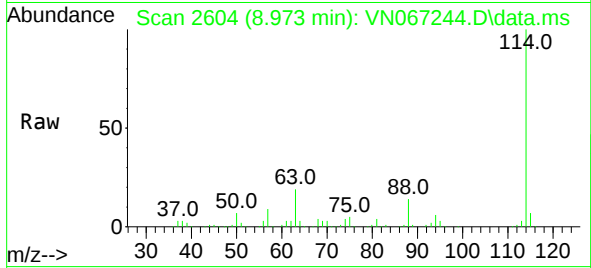




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

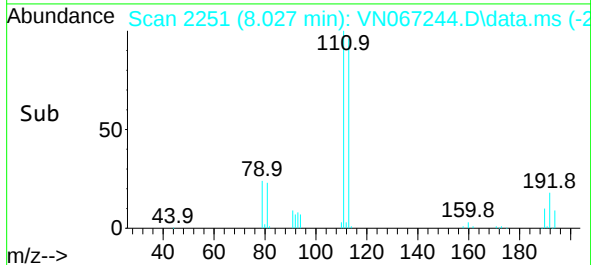
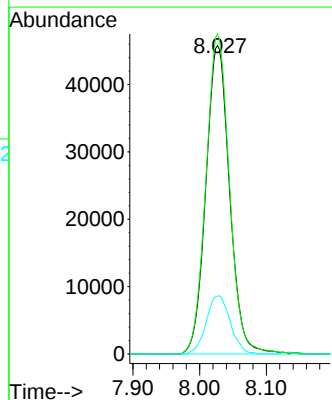
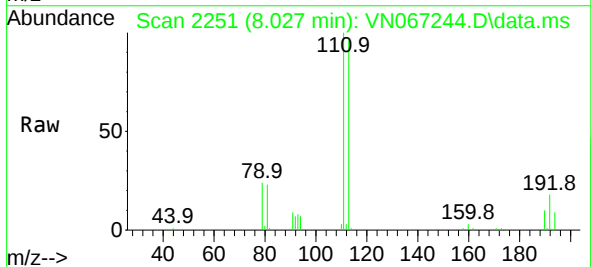
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MSVOA_N
ClientSampleId :
FAM4-WC6

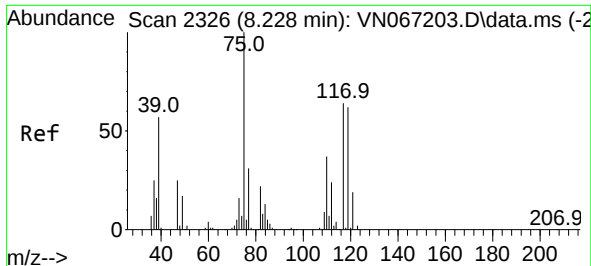
Tgt Ion:114 Resp: 382115
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.8
88 13.8 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.695 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

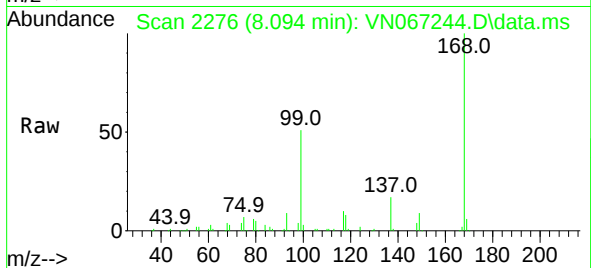
Tgt Ion:113 Resp: 112983
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.1 18.2 27.4



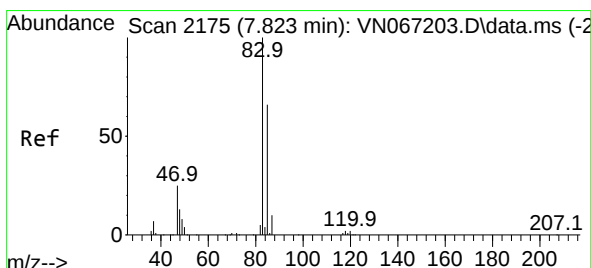
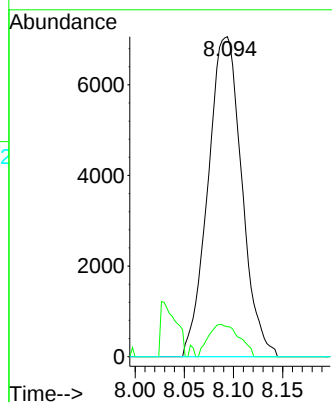
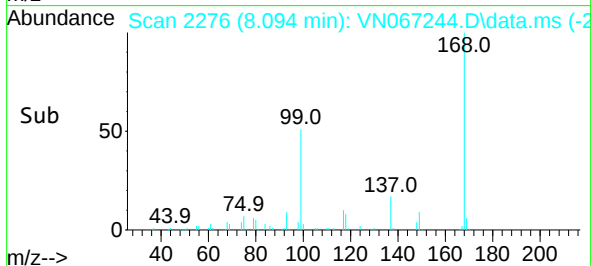


#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 8.094 min Scan# 2276
 Delta R.T. -0.134 min
 Lab File: VN067244.D
 Acq: 5 Jun 2021 20:44

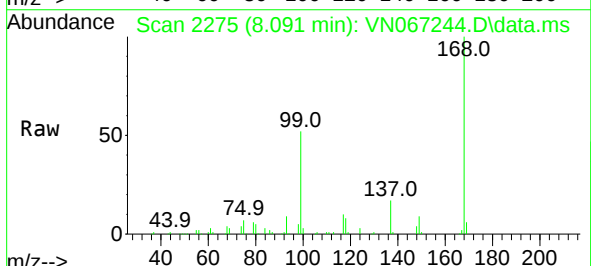
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 MSVOA_N
 ClientSampleId :
 FAM4-WC6



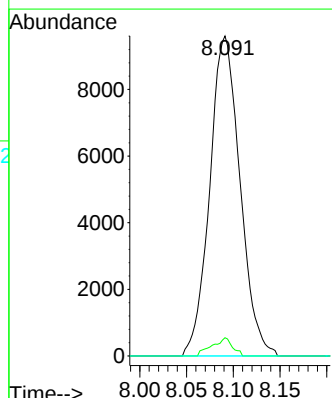
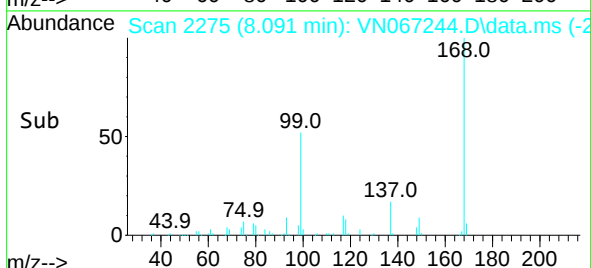
Tgt Ion: 75 Resp: 16917
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.3#
 77 0.0 24.8 37.2#

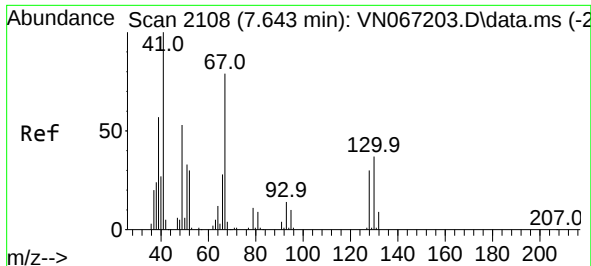


#38
 Carbon Tetrachloride
 Concen: 5.630 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.121 min
 Lab File: VN067244.D
 Acq: 5 Jun 2021 20:44



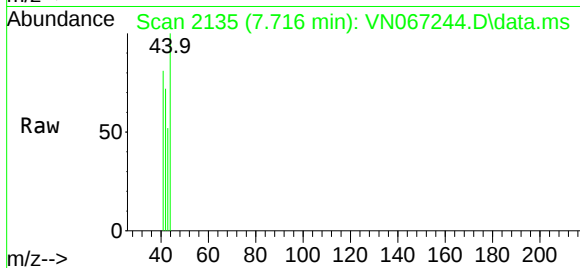
Tgt Ion: 117 Resp: 21697
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.2 117.2#
 121 0.0 24.7 37.1#



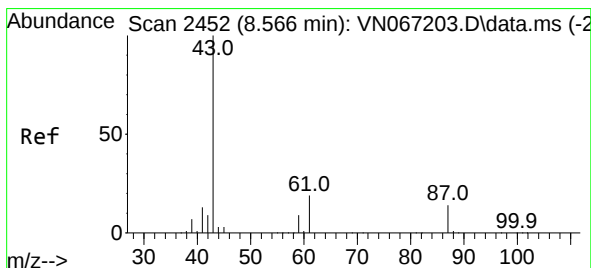
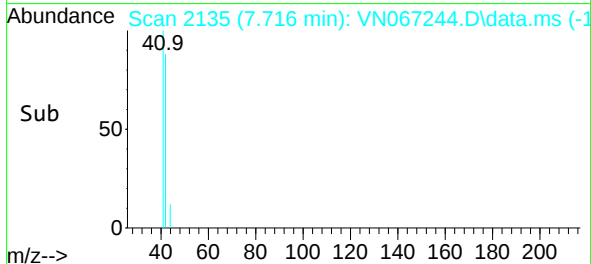
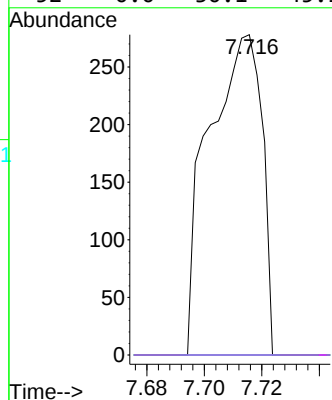


#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 7.716 min Scan# 2135
Delta R.T. 0.073 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

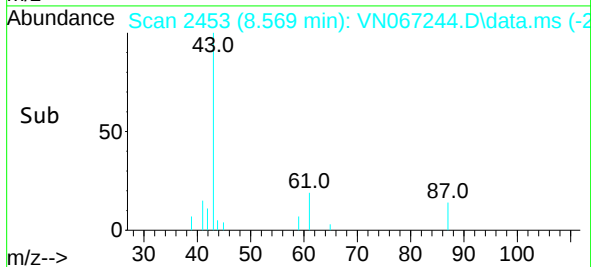
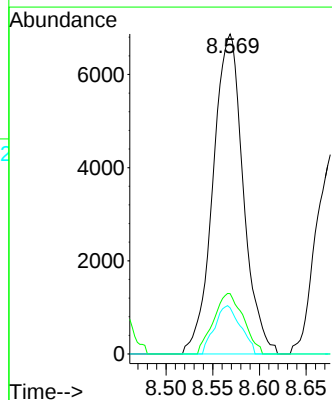
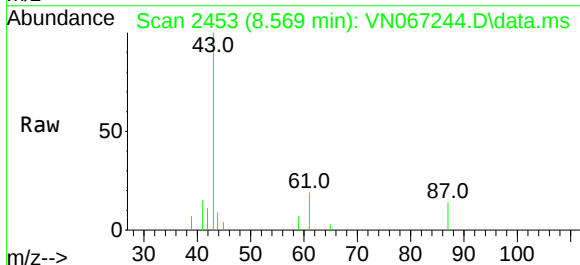


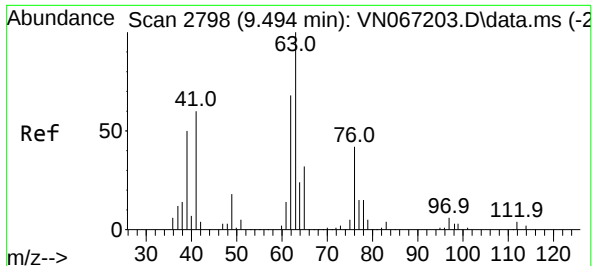
Tgt Ion: 41	Resp: 355
Ion Ratio	Lower Upper
41	100
39	0.0 45.3 67.9#
67	0.0 85.1 127.7#
52	0.0 30.1 45.1#



#43
Isopropyl Acetate
Concen: 2.389 ug/l
RT: 8.569 min Scan# 2453
Delta R.T. 0.003 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 43	Resp: 15453
Ion Ratio	Lower Upper
43	100
61	18.7 23.4 35.0#
87	12.9 12.2 18.2

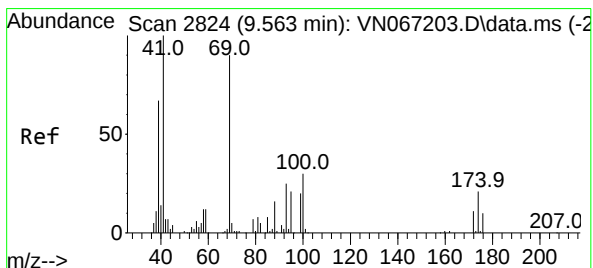
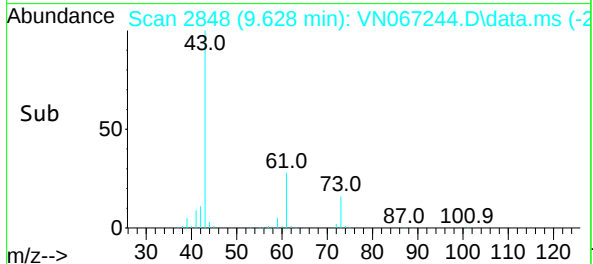
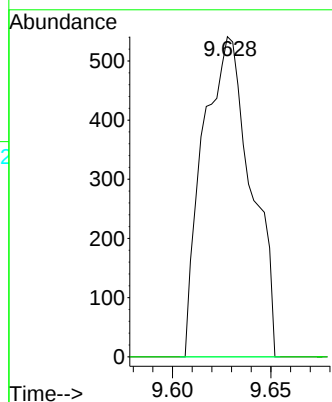
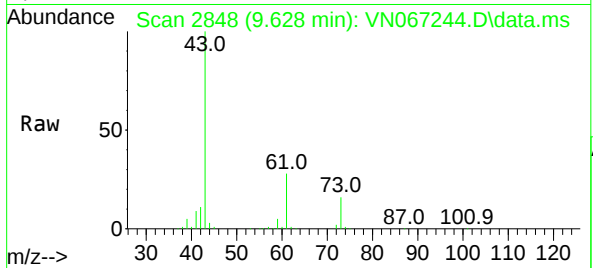




#45
1,2-Dichloropropane
Concen: 0.337 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.134 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

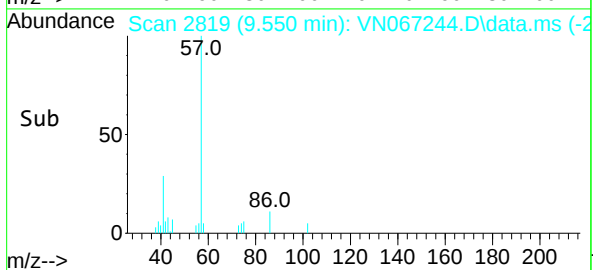
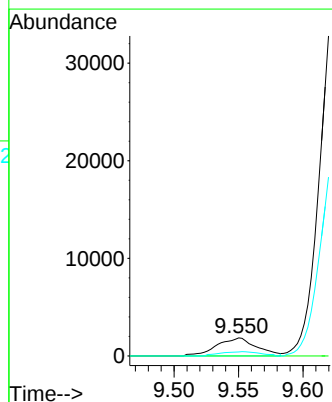
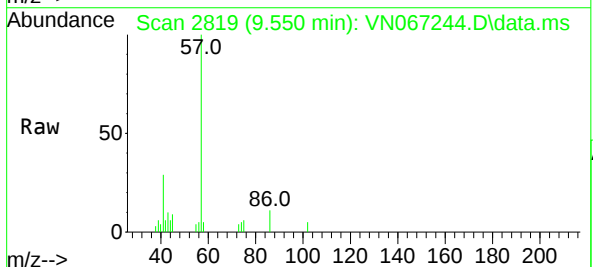
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

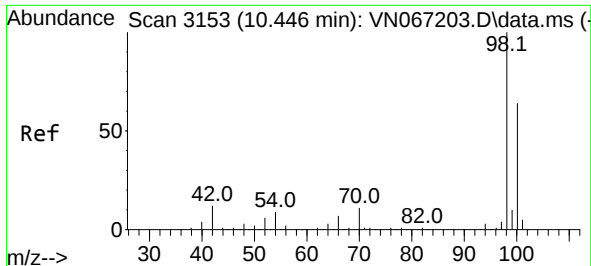
Tgt Ion: 63 Resp: 919
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 1.409 ug/l
RT: 9.550 min Scan# 2819
Delta R.T. -0.013 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 41 Resp: 3949
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#

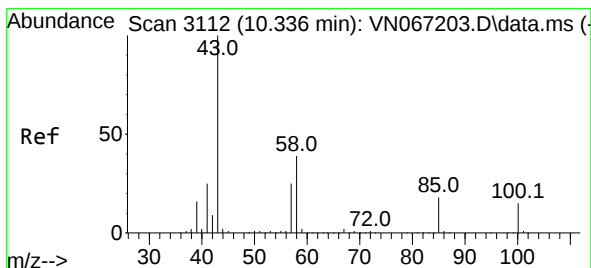
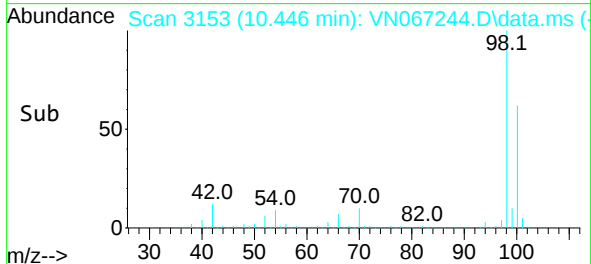
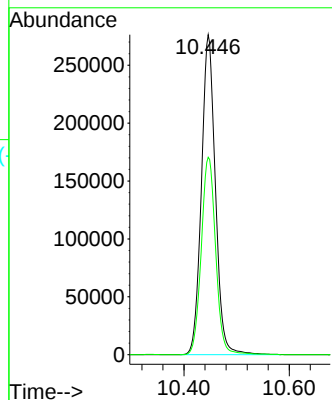
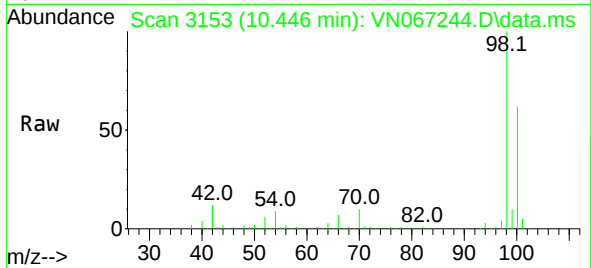




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

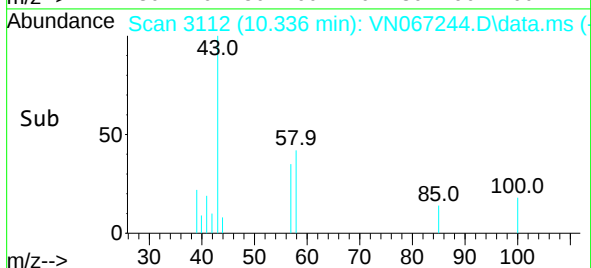
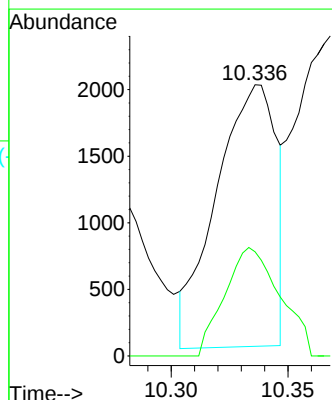
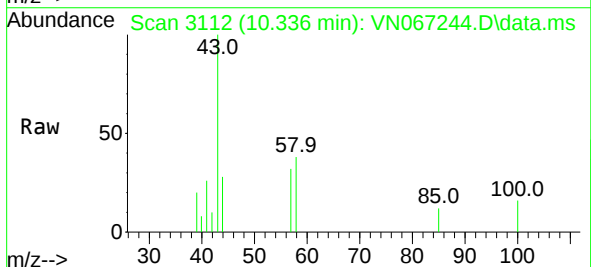
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

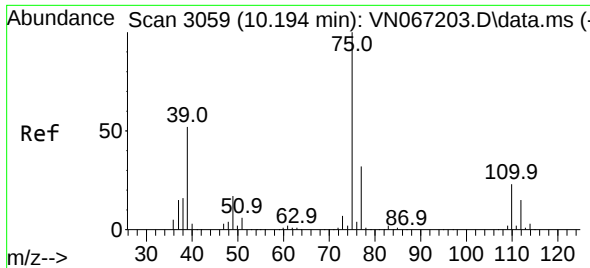
Tgt Ion: 98 Resp: 508912
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.928 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 43 Resp: 3519
Ion Ratio Lower Upper
43 100
58 38.2 34.5 51.7

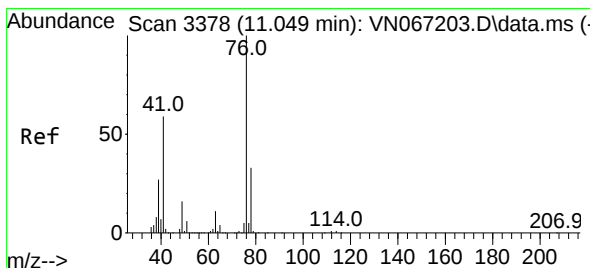
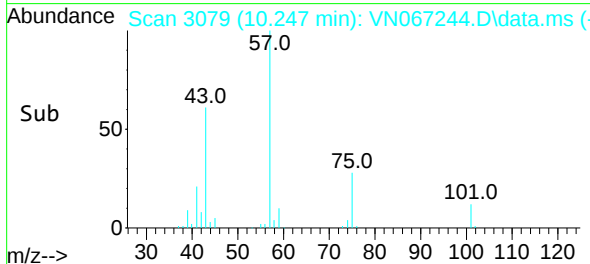
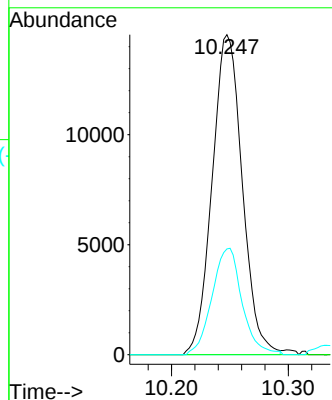
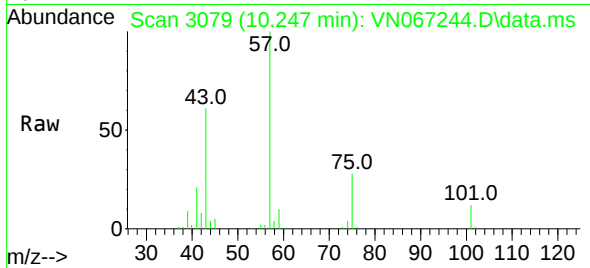




#54
cis-1,3-Dichloropropene
Concen: 5.555 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

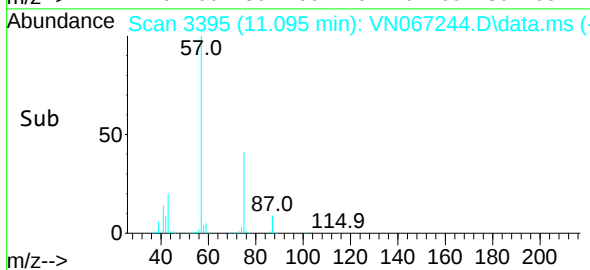
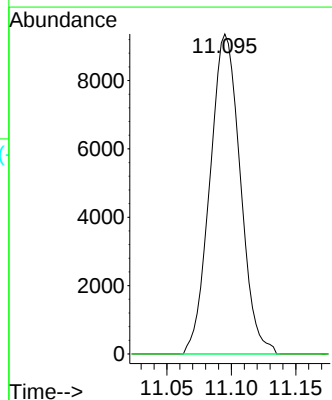
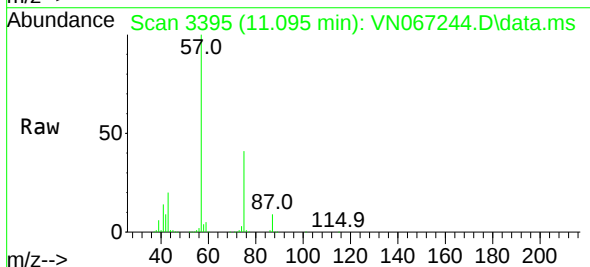
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

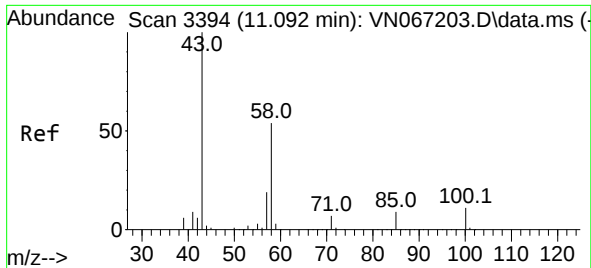
Tgt Ion: 75 Resp: 25961
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 33.0 30.9 46.3



#57
1,3-Dichloropropane
Concen: 3.391 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 76 Resp: 15321
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#

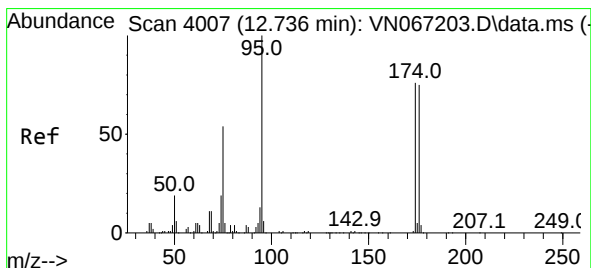
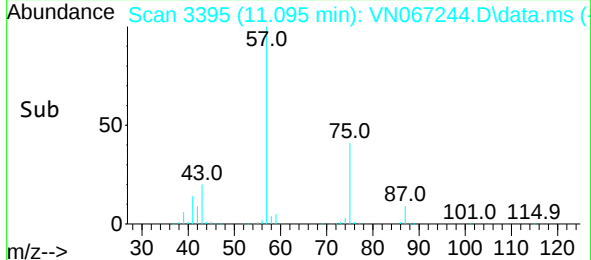
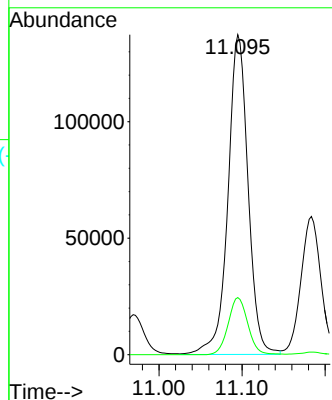
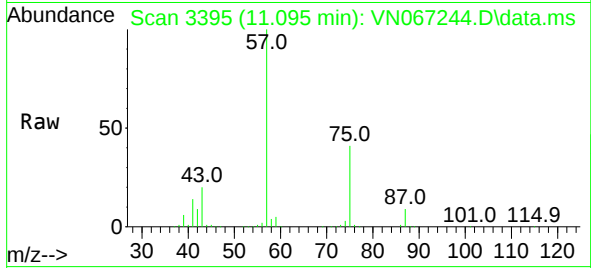




#59
2-Hexanone
Concen: 83.884 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

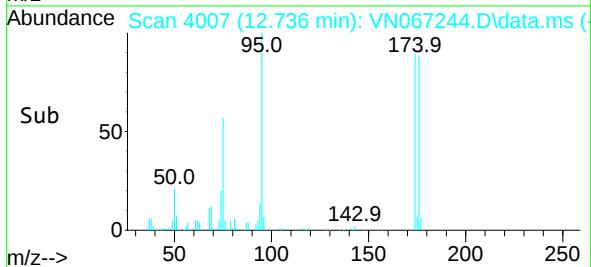
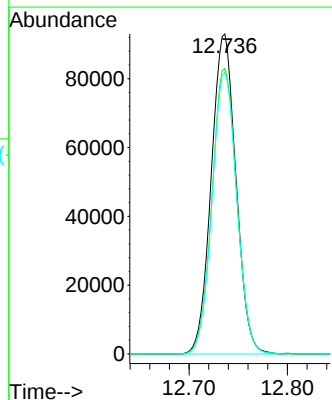
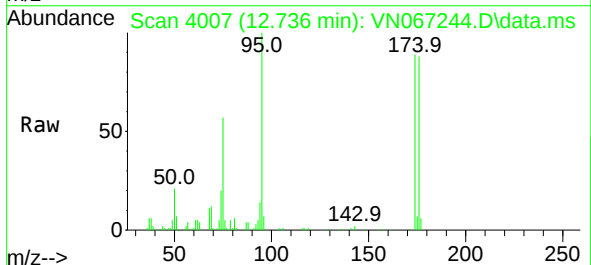
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

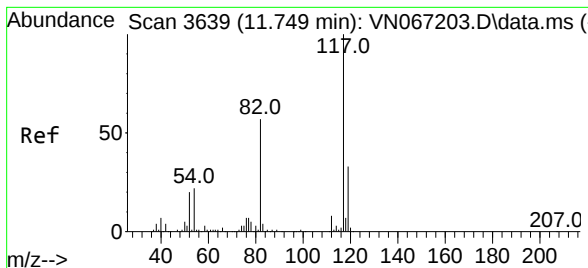
Tgt Ion: 43 Resp: 231110
Ion Ratio Lower Upper
43 100
58 17.5 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 43.695 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 95 Resp: 162356
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.8
176 88.1 0.0 176.6

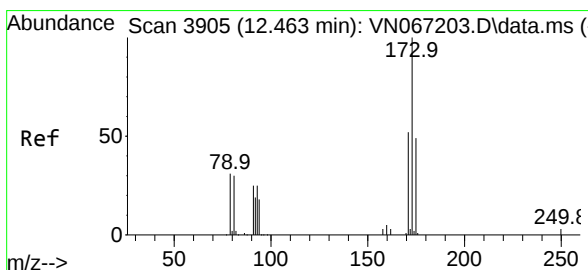
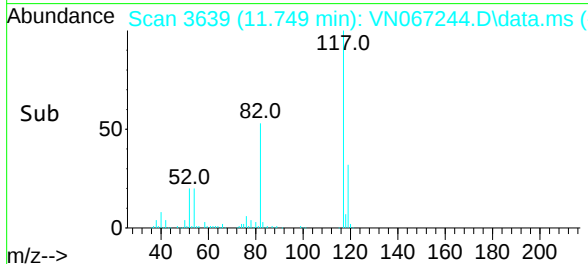
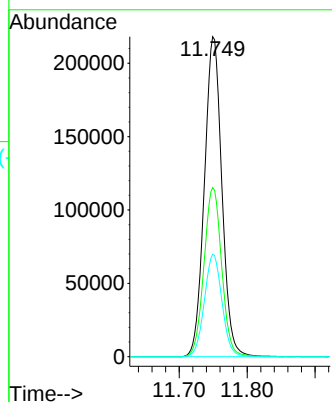
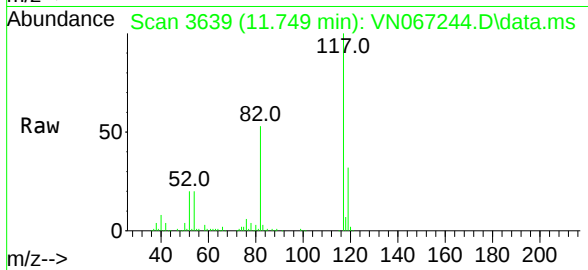




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

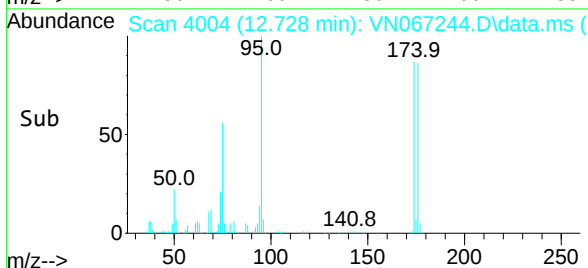
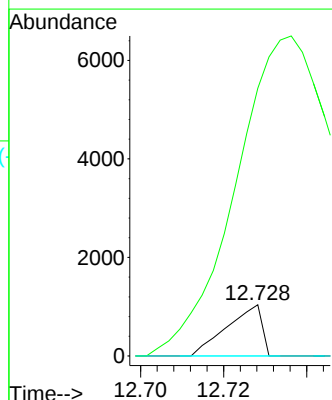
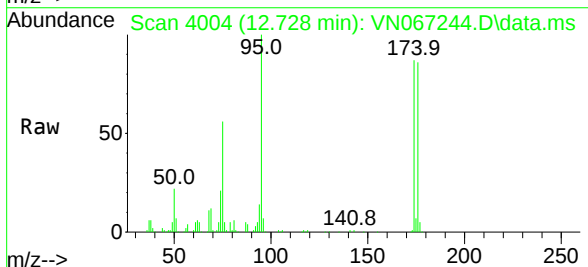
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

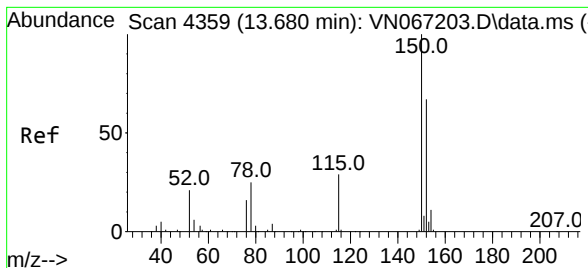
Tgt Ion:117 Resp: 389886
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.234 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.266 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion:173 Resp: 609
Ion Ratio Lower Upper
173 100
175 1743.0 24.3 73.0#
254 0.0 0.0 0.0

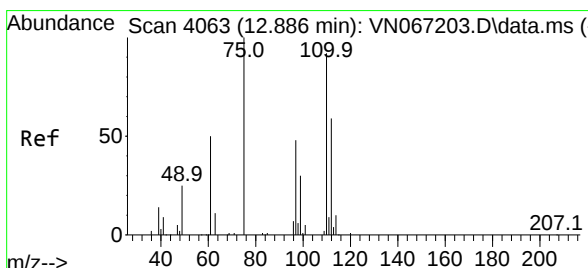
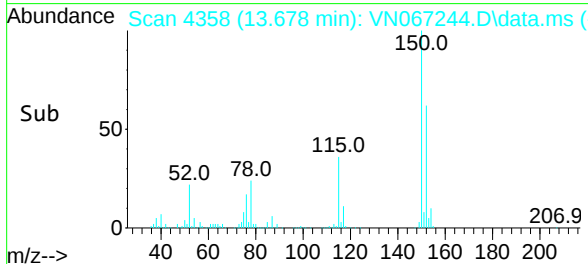
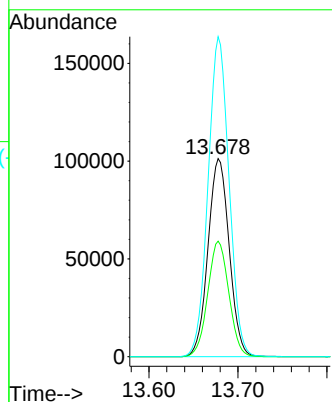
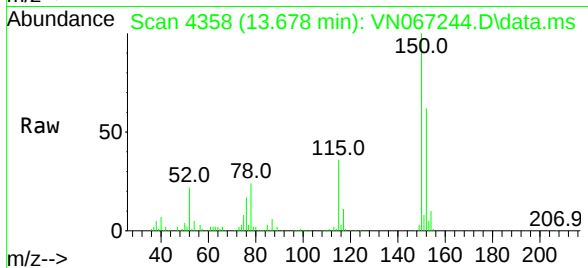




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.003 min
 Lab File: VN067244.D
 Acq: 5 Jun 2021 20:44

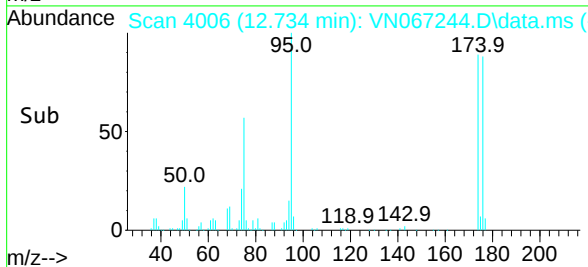
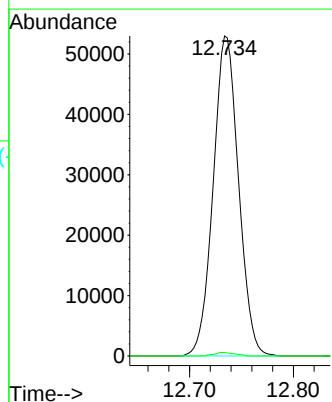
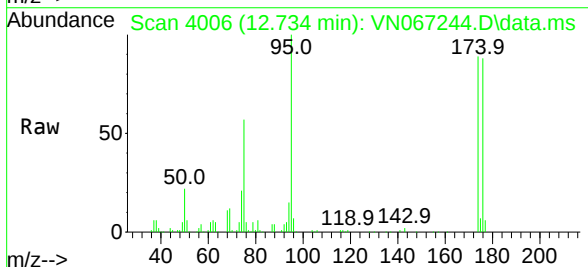
Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC6

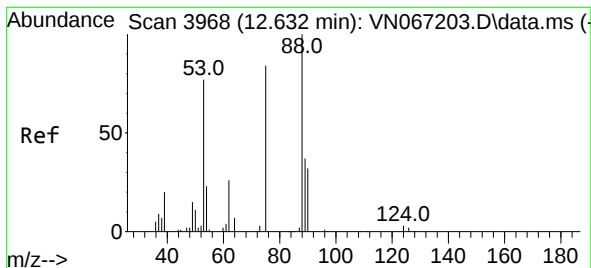
Tgt Ion:152 Resp: 167905
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.0 80.8
 150 159.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 27.805 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.153 min
 Lab File: VN067244.D
 Acq: 5 Jun 2021 20:44

Tgt Ion: 75 Resp: 89779
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

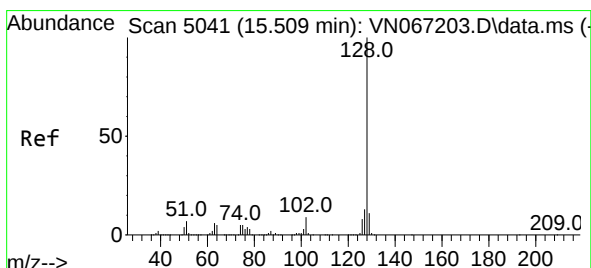
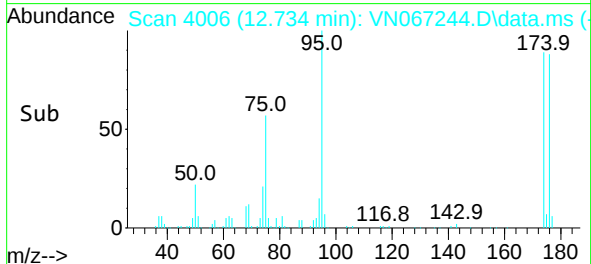
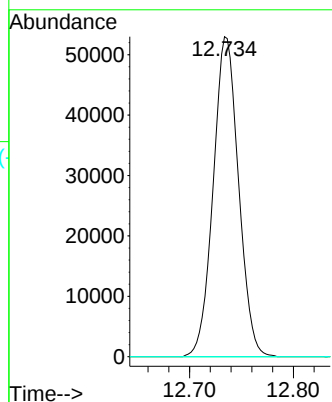
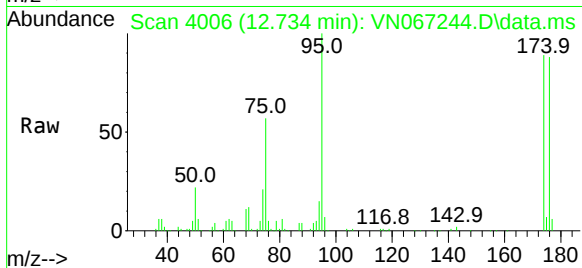




#81
trans-1,4-Dichloro-2-butene
Concen: 68.030 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.102 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC6

Tgt Ion: 75 Resp: 89779
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.440 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067244.D
Acq: 5 Jun 2021 20:44

Tgt Ion: 128 Resp: 132
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

