

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067242.D
 Acq On : 5 Jun 2021 19:57
 Operator : JC/MD
 Sample : M2603-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC4

Quant Time: Jun 07 01:18:46 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)

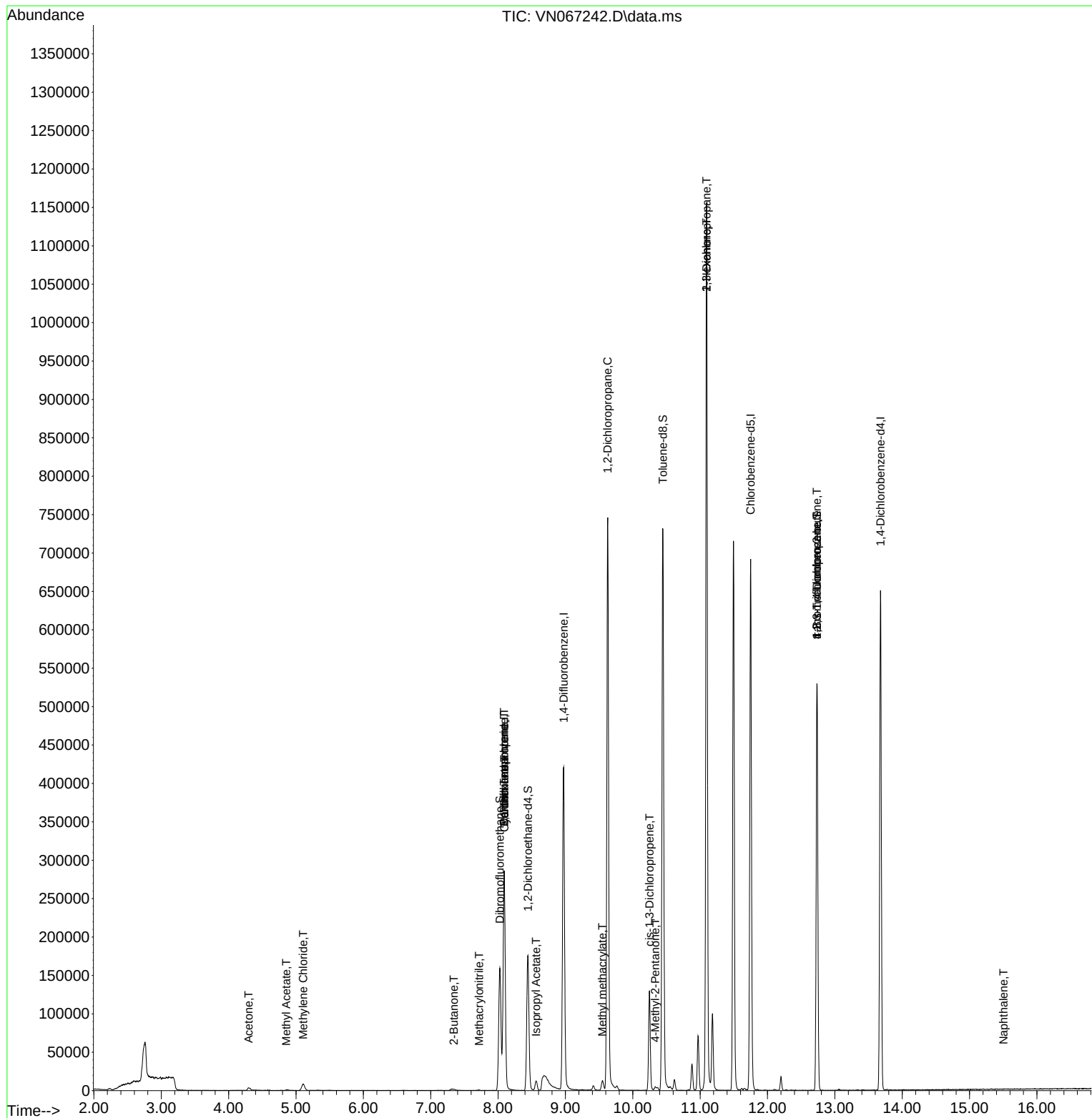
Internal Standards						
1) Pentafluorobenzene	8.091	168	226703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	390749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	395885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	171709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	140518	45.471	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.940%		
35) Dibromofluoromethane	8.027	113	113254	46.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.500%		
50) Toluene-d8	10.446	98	517126	52.417	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.840%		
62) 4-Bromofluorobenzene	12.734	95	166794	43.897	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.800%		
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	6699	6.282	ug/l	90
18) Methyl Acetate	4.854	43	831	0.275	ug/l	96
20) Methylene Chloride	5.106	84	7045	2.624	ug/l #	93
25) 2-Butanone	7.343	43	2368	1.387	ug/l #	84
31) Cyclohexane	8.094	56	5268	1.270	ug/l #	40
36) 1,1-Dichloropropene	8.091	75	16992	4.709	ug/l #	48
38) Carbon Tetrachloride	8.091	117	21354	5.418	ug/l #	15
41) Methacrylonitrile	7.718	41	479	0.266	ug/l #	12
43) Isopropyl Acetate	8.563	43	15197	2.297	ug/l #	84
45) 1,2-Dichloropropane	9.628	63	835	0.300	ug/l #	45
48) Methyl methacrylate	9.547	41	3766	1.314	ug/l #	9
51) 4-Methyl-2-Pentanone	10.336	43	3514	0.906	ug/l #	75
54) cis-1,3-Dichloropropene	10.247	75	23948	5.011	ug/l #	71
57) 1,3-Dichloropropane	11.095	76	12005	2.598	ug/l #	42
59) 2-Hexanone	11.095	43	174340	61.880	ug/l #	44
76) 1,2,3-Trichloropropane	12.734	75	92429	27.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	92429	68.486	ug/l #	15
95) Naphthalene	15.504	128	24	4.427	ug/l #	69

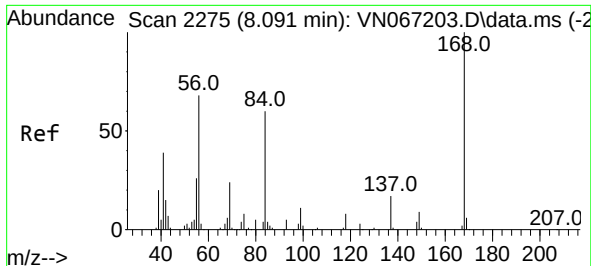
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 04 19:00:20 2021
Response via : Initial Calibration

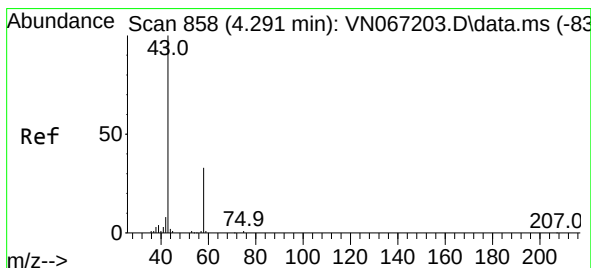
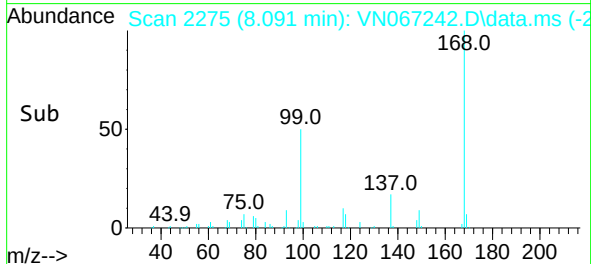
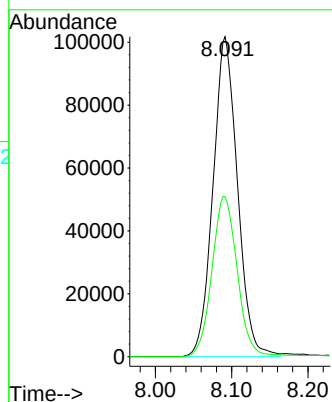
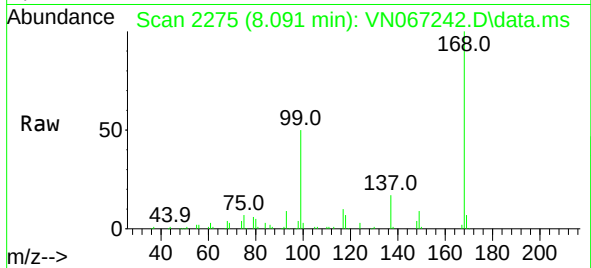




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

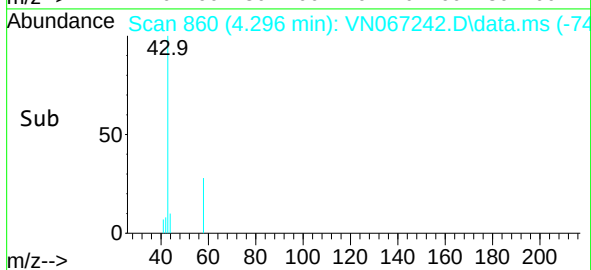
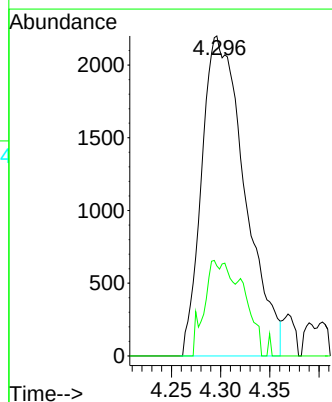
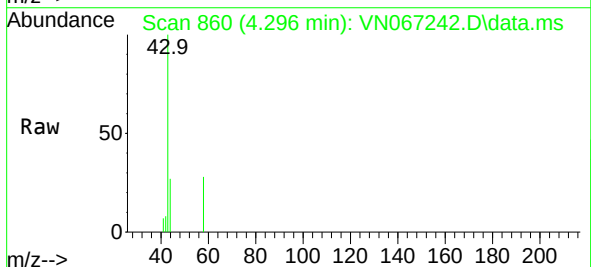
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

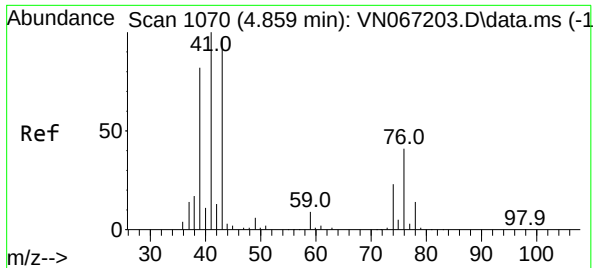
Tgt Ion:168 Resp: 226703
Ion Ratio Lower Upper
168 100
99 50.0 38.5 57.7



#16
Acetone
Concen: 6.282 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 28.1 27.2 40.8

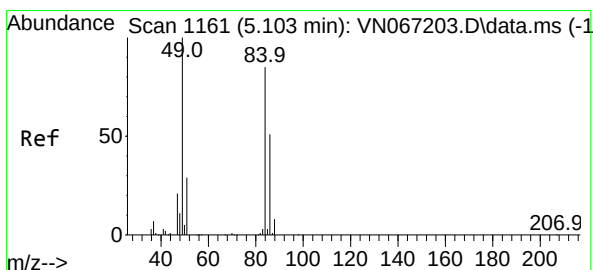
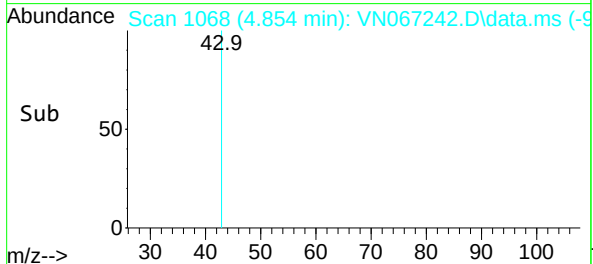
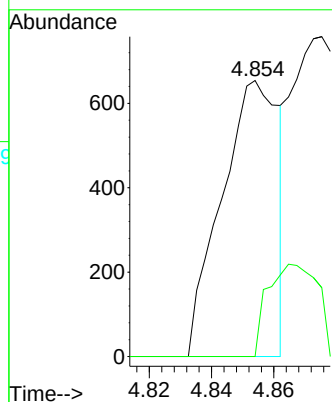
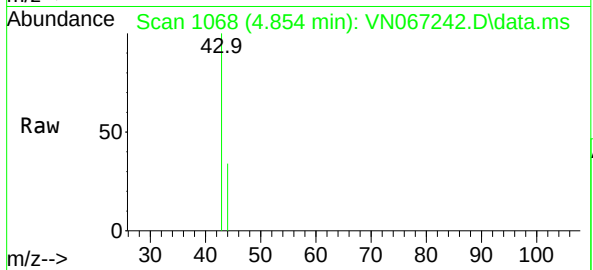




#18
Methyl Acetate
Concen: 0.275 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

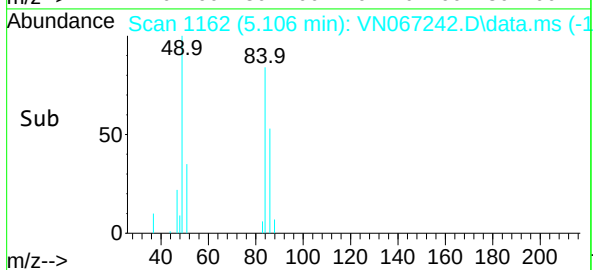
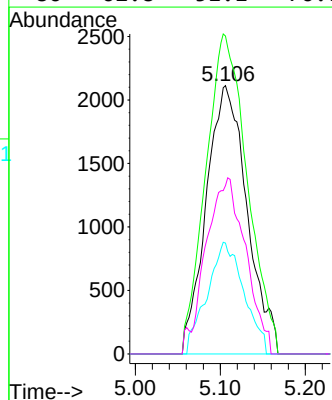
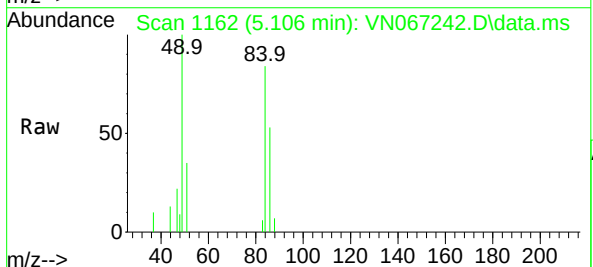
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

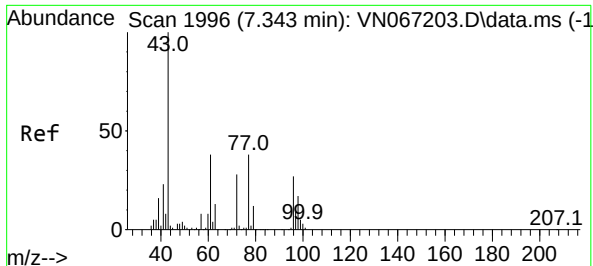
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
74 29.1 21.4 32.2



#20
Methylene Chloride
Concen: 2.624 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 84 Resp: 7045
Ion Ratio Lower Upper
84 100
49 118.5 88.3 132.5
51 41.3 26.7 40.1#
86 62.8 51.1 76.7

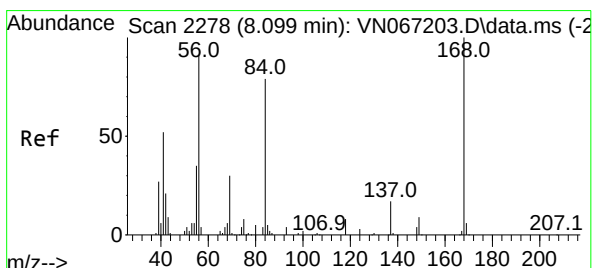
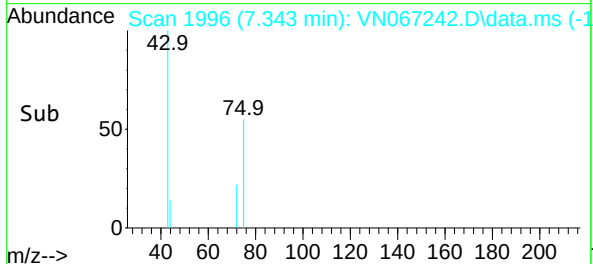
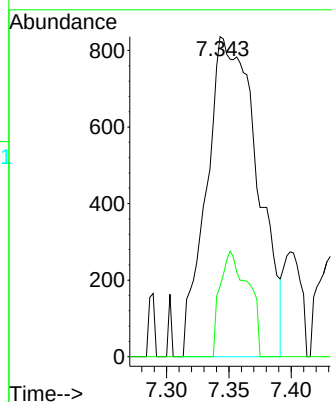
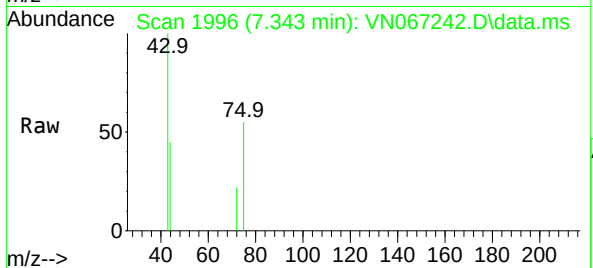




#25
2-Butanone
Concen: 1.387 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

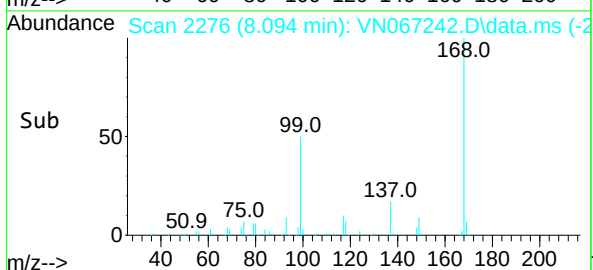
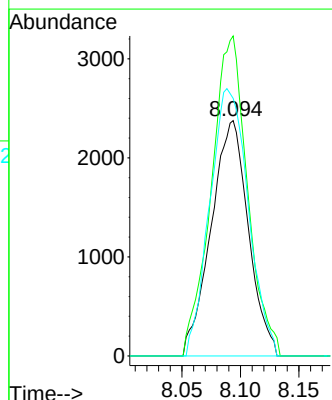
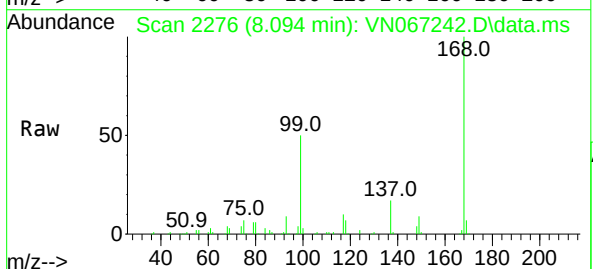
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

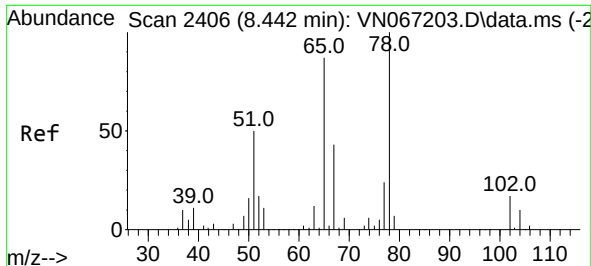
Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
72 22.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.005 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 135.9 28.0 42.0#
84 109.4 74.2 111.2



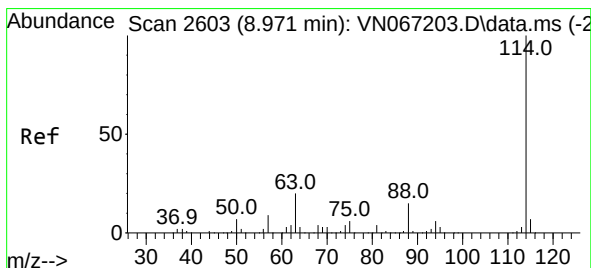
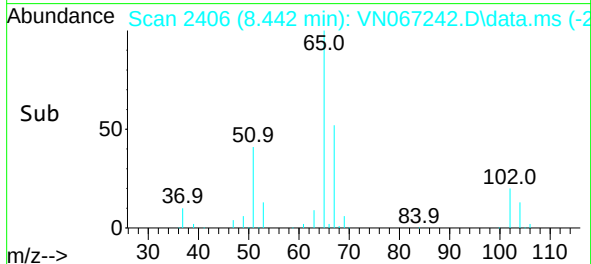
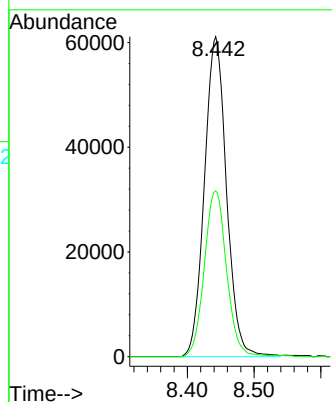
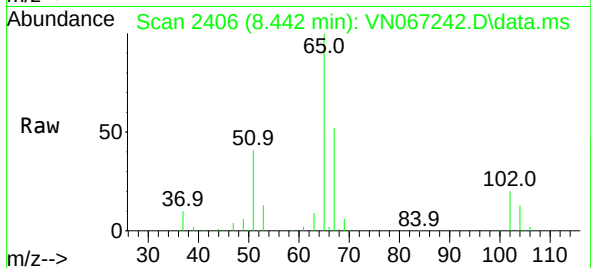


#33

1,2-Dichloroethane-d4
Concen: 45.471 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

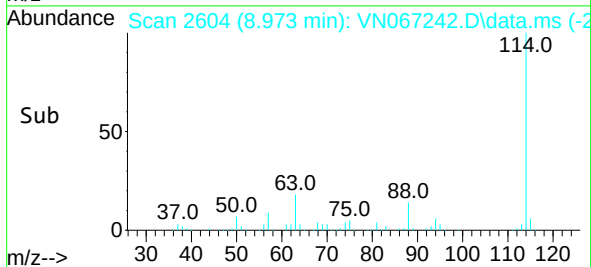
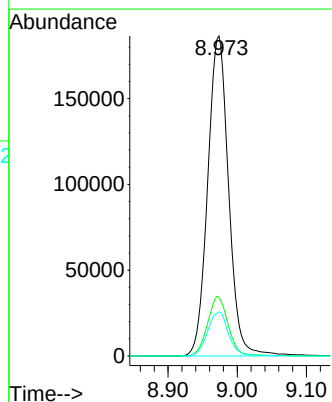
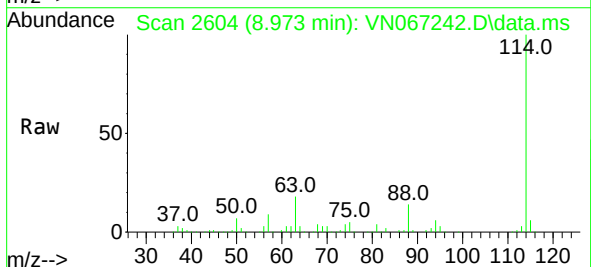
Tgt Ion: 65 Resp: 140518
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.4

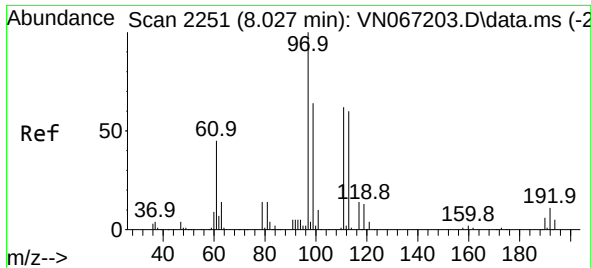


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 114 Resp: 390749
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.8
88 13.7 0.0 30.4

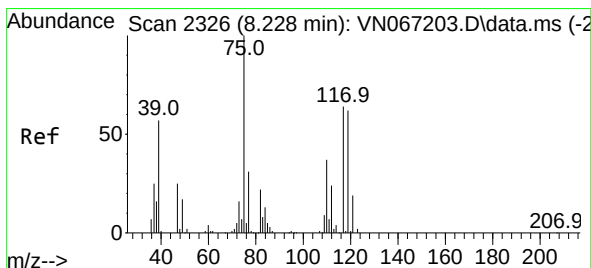
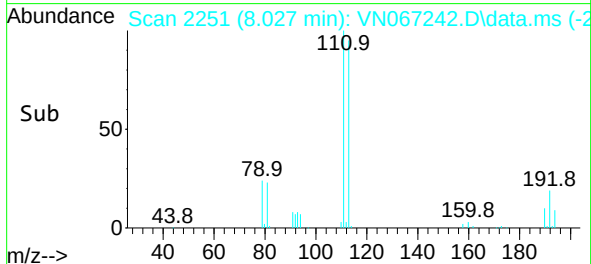
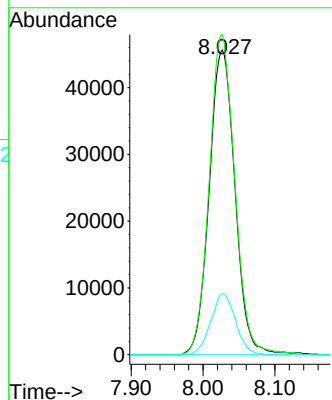
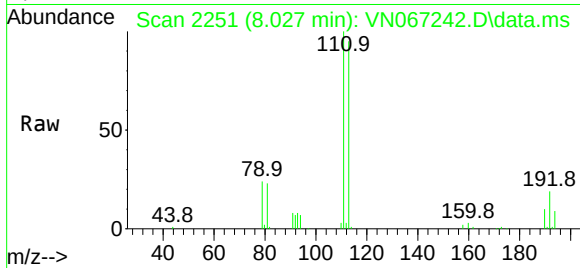




#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

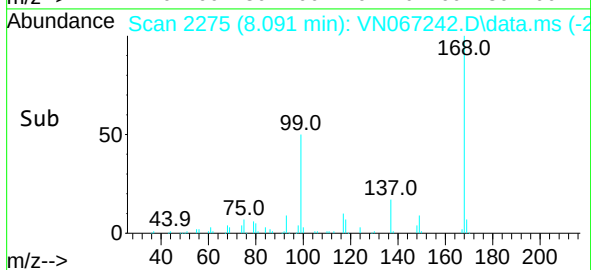
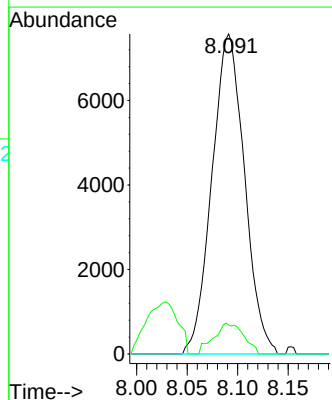
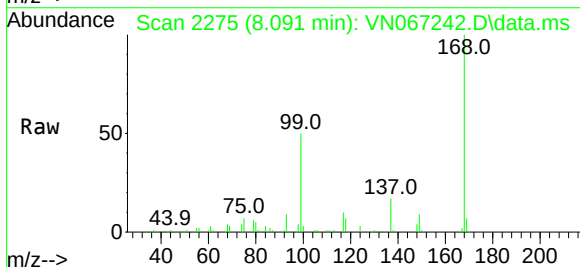
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC4

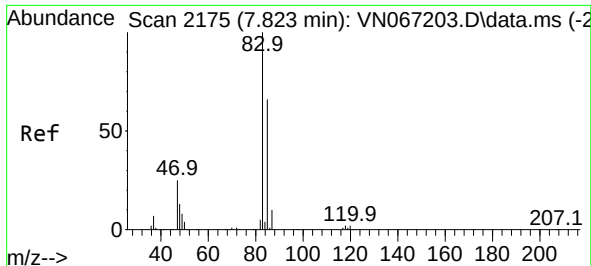
Tgt Ion:113 Resp: 113254
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.4 18.2 27.4



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

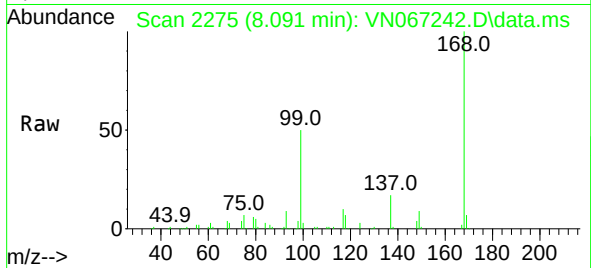
Tgt Ion: 75 Resp: 16992
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 24.8 37.2#



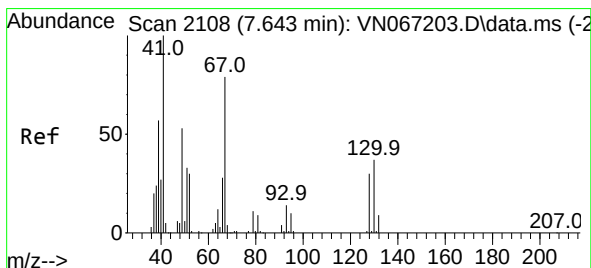
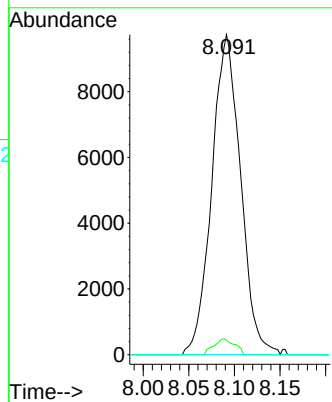
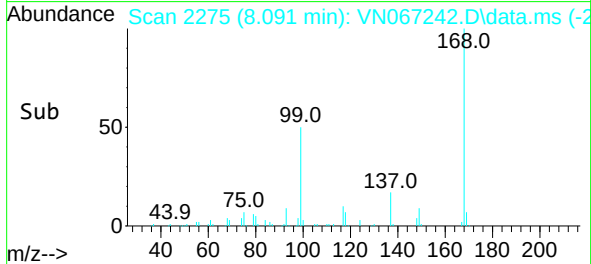


#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.121 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

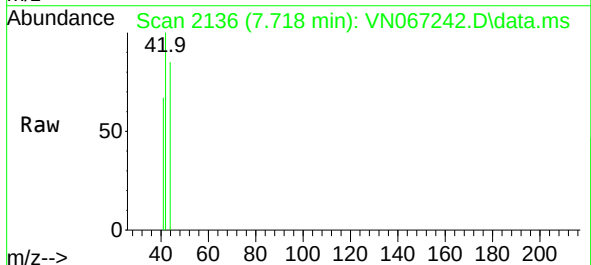
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC4



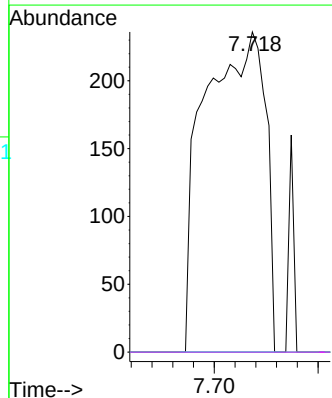
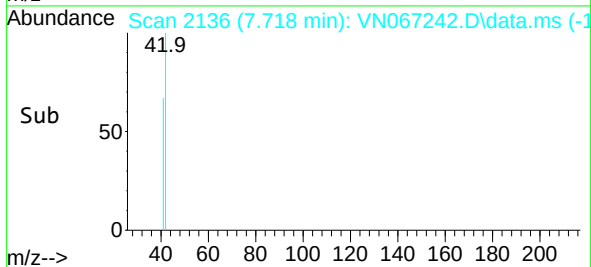
Tgt Ion:117 Resp: 21354
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#

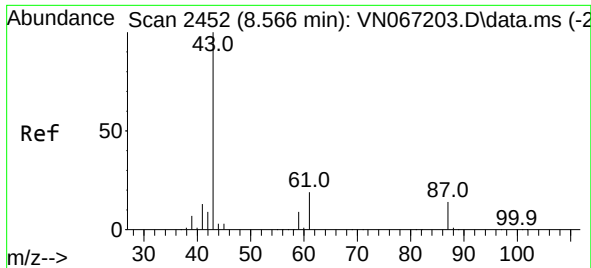


#41
Methacrylonitrile
Concen: 0.266 ug/l
RT: 7.718 min Scan# 2136
Delta R.T. 0.075 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57



Tgt Ion: 41 Resp: 479
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#

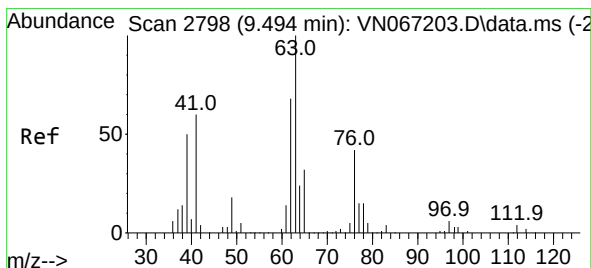
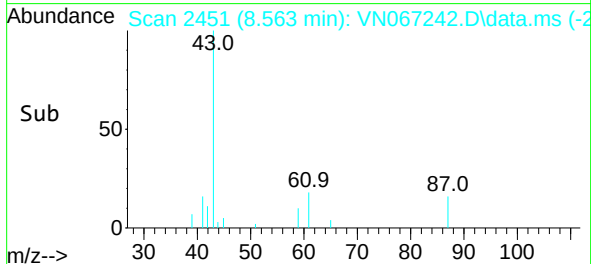
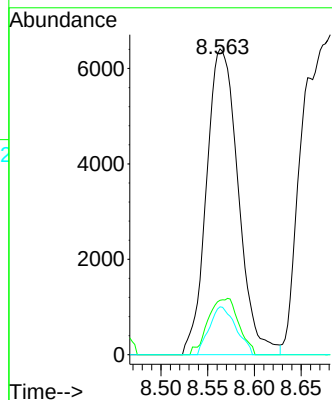
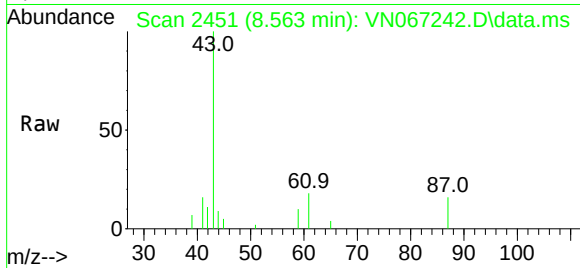




#43
Isopropyl Acetate
Concen: 2.297 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

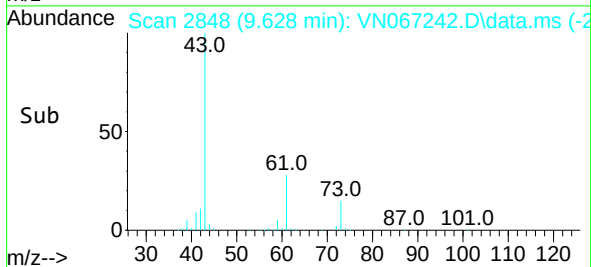
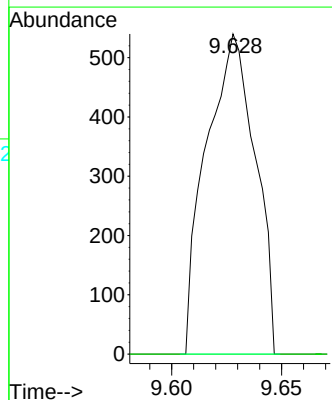
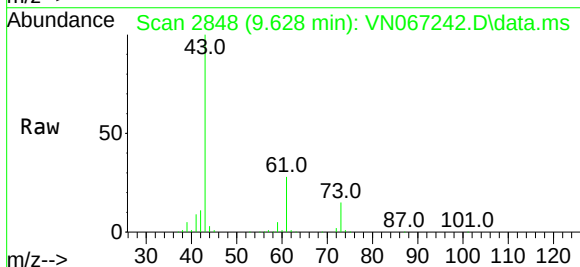
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

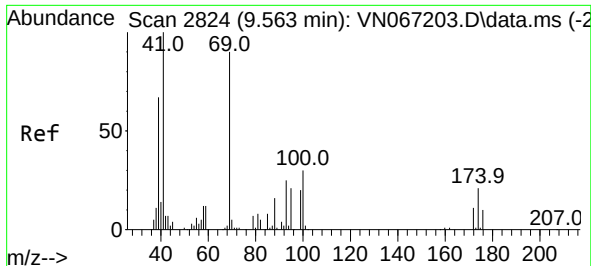
Tgt Ion: 43 Resp: 15197
Ion Ratio Lower Upper
43 100
61 17.7 23.4 35.0#
87 13.0 12.2 18.2



#45
1,2-Dichloropropane
Concen: 0.300 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.134 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

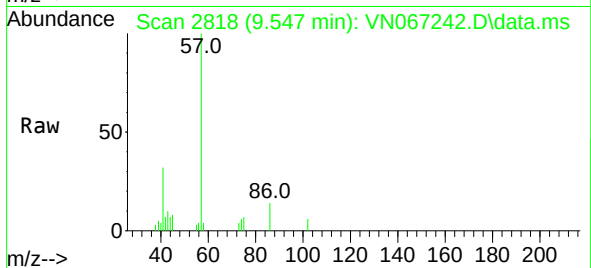
Tgt Ion: 63 Resp: 835
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



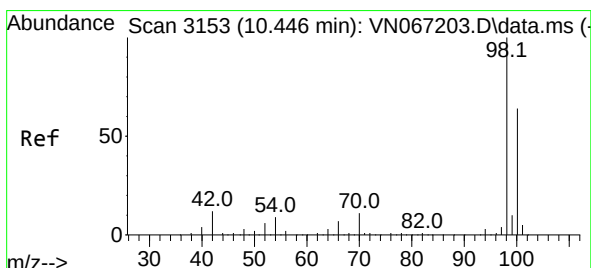
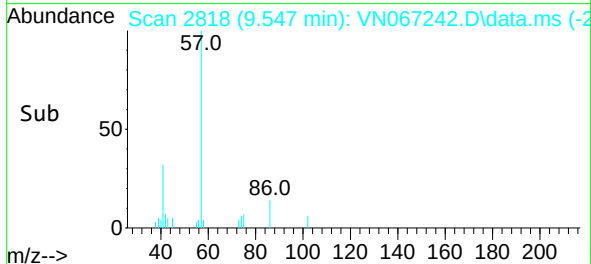
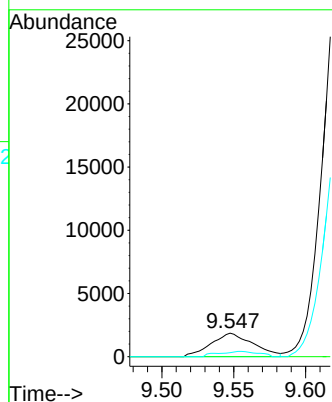


#48
Methyl methacrylate
Concen: 1.314 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Instrument :
MSVOA_N
ClientSampled :
FAM4-WC4

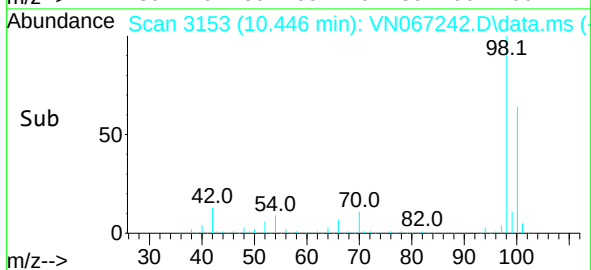
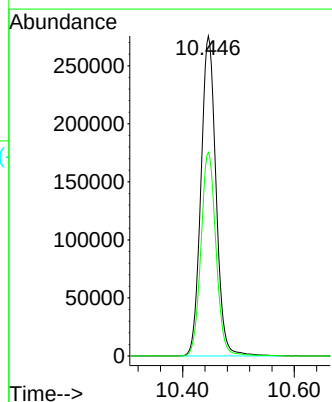
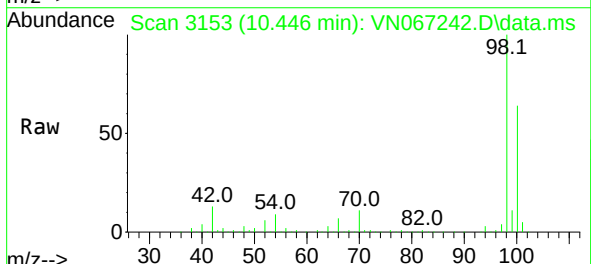


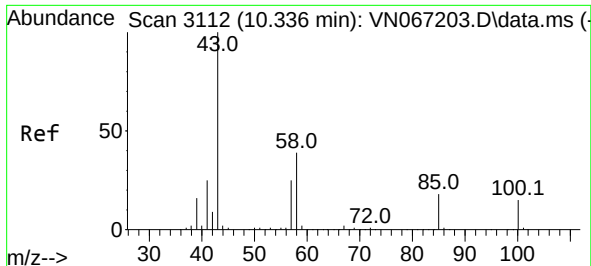
Tgt Ion: 41 Resp: 3766
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 98 Resp: 517126
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8

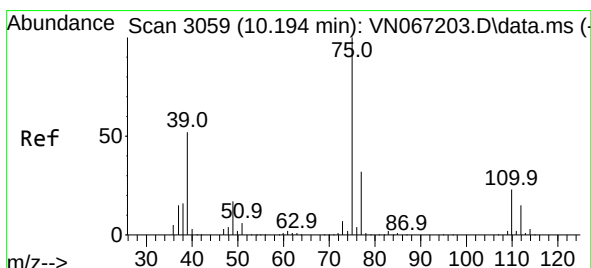
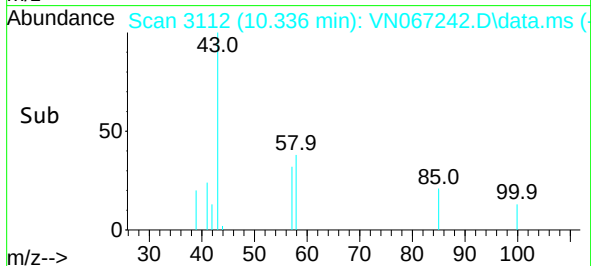
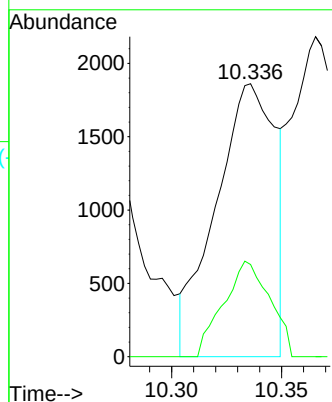
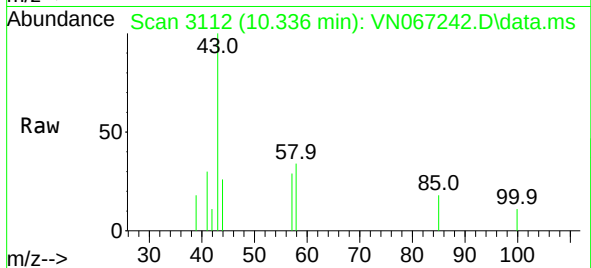




#51
4-Methyl-2-Pentanone
Concen: 0.906 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

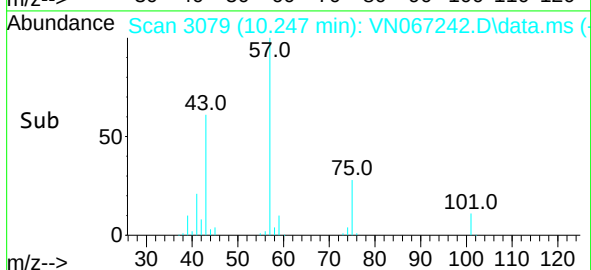
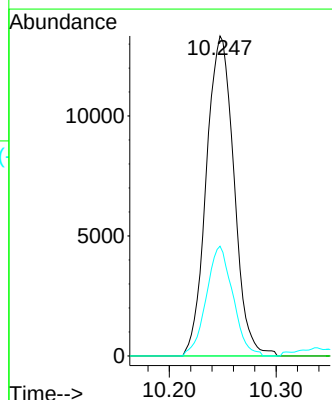
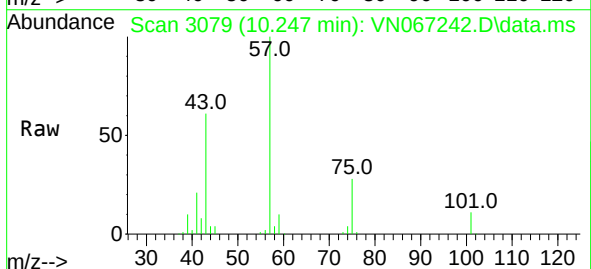
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC4

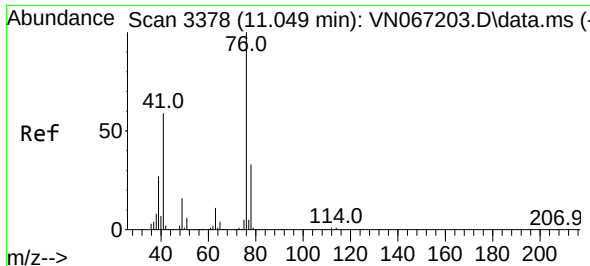
Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 27.3 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 5.011 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 75 Resp: 23948
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 34.3 30.9 46.3

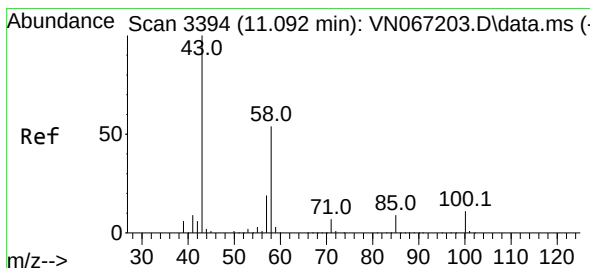
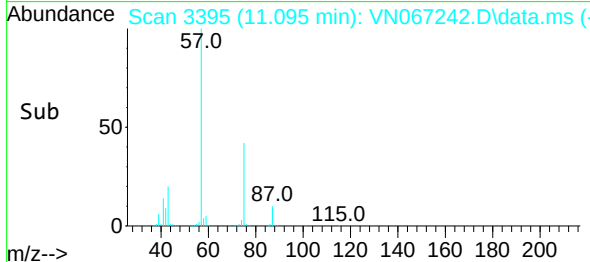
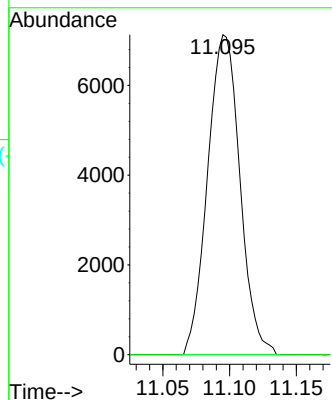
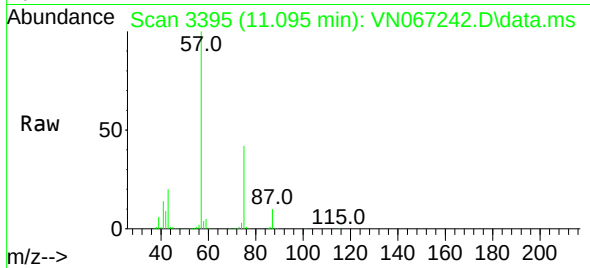




#57
1,3-Dichloropropane
Concen: 2.598 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

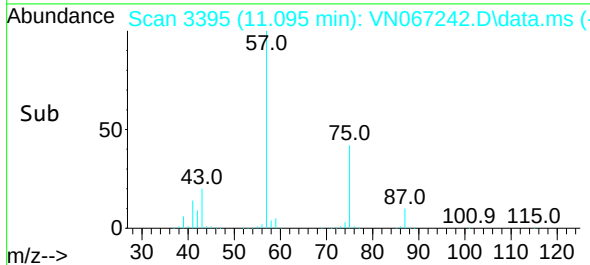
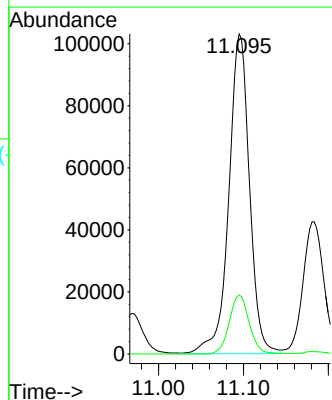
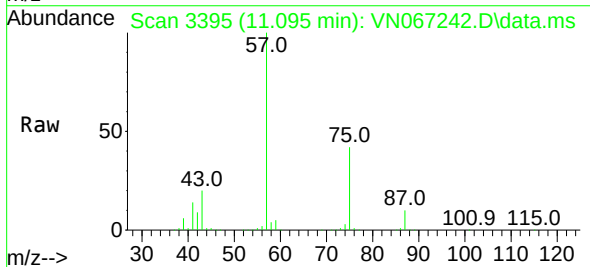
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC4

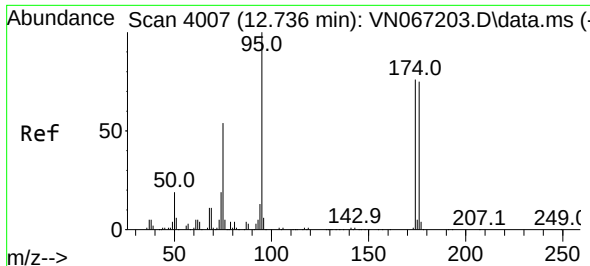
Tgt Ion: 76 Resp: 12005
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 61.880 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 43 Resp: 174340
Ion Ratio Lower Upper
43 100
58 17.8 29.8 89.5#

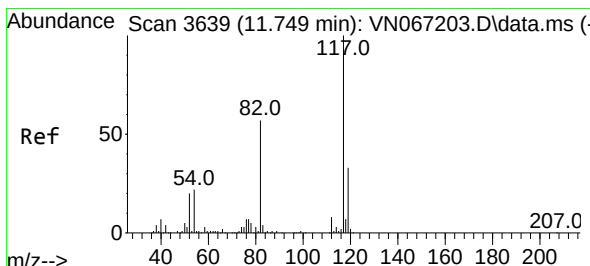
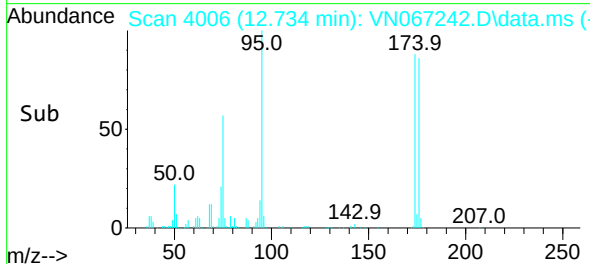
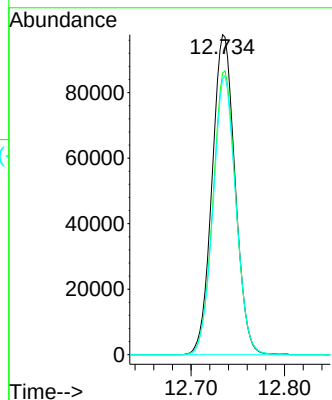
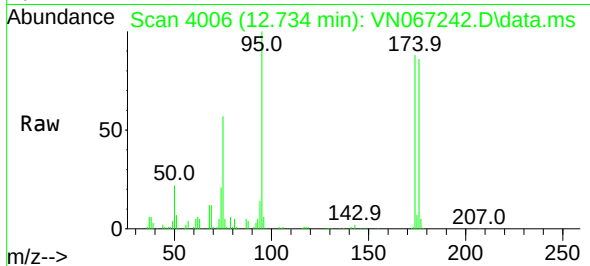




#62
4-Bromofluorobenzene
Concen: 43.897 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

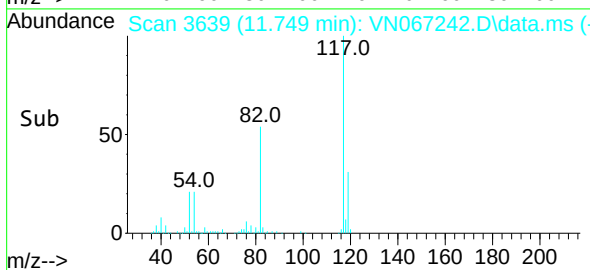
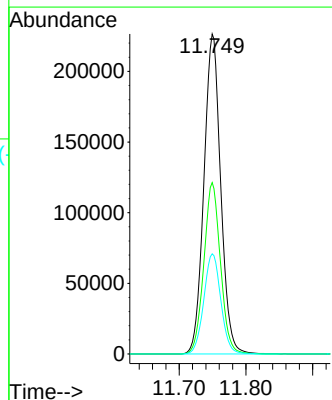
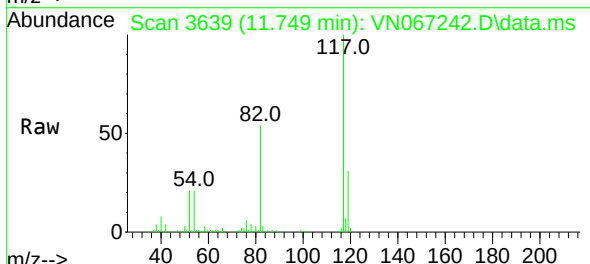
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

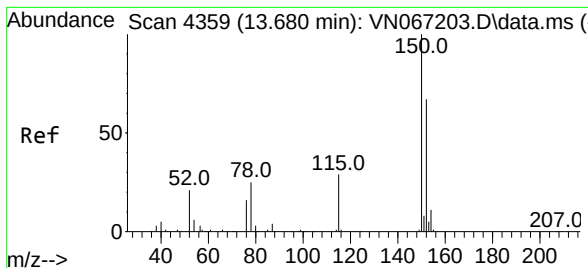
Tgt Ion: 95 Resp: 166794
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.8
176 86.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion: 117 Resp: 395885
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 31.3 25.8 38.6

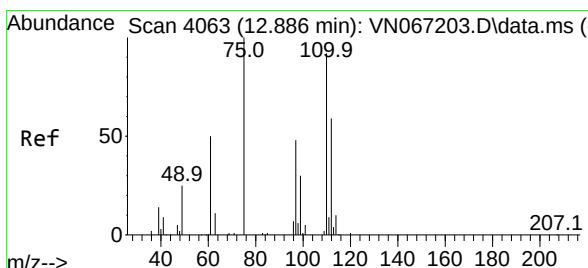
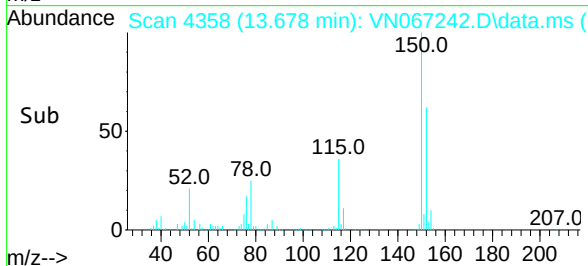
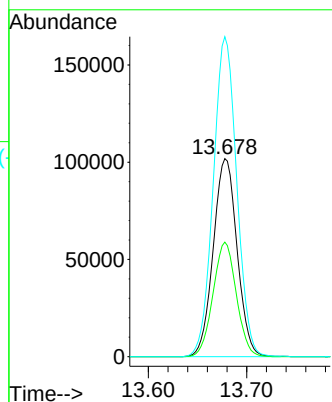
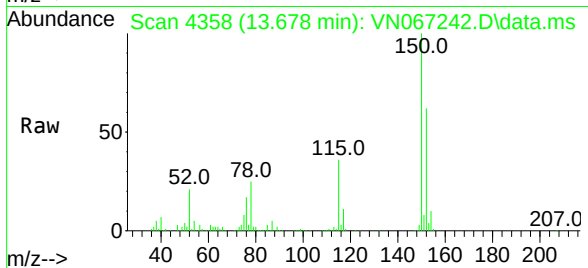




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.003 min
 Lab File: VN067242.D
 Acq: 5 Jun 2021 19:57

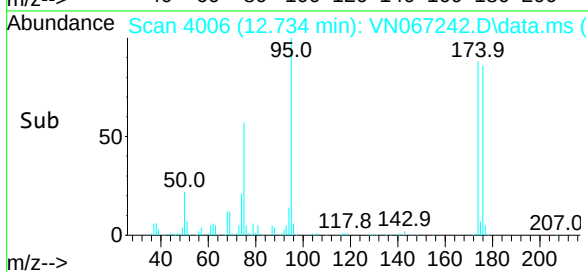
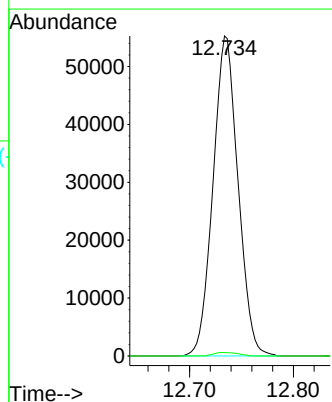
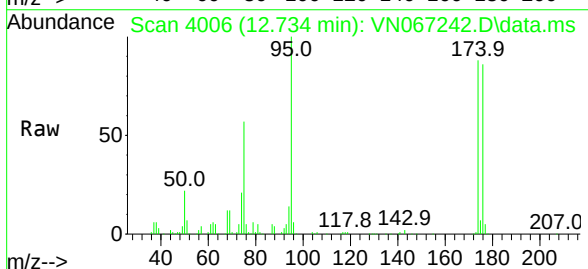
Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC4

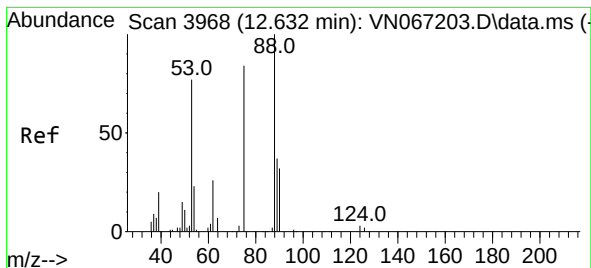
Tgt Ion:152 Resp: 171709
 Ion Ratio Lower Upper
 152 100
 115 56.5 27.0 80.8
 150 159.1 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 27.991 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.153 min
 Lab File: VN067242.D
 Acq: 5 Jun 2021 19:57

Tgt Ion: 75 Resp: 92429
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

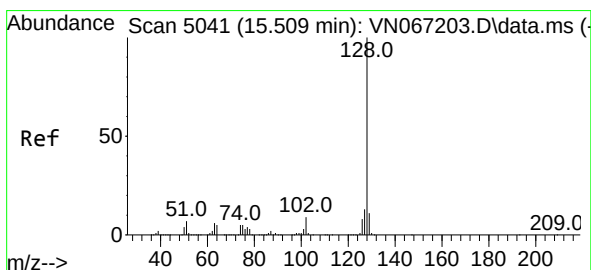
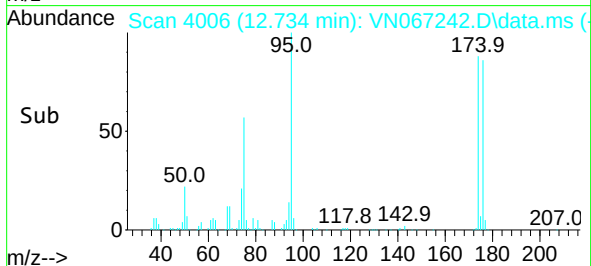
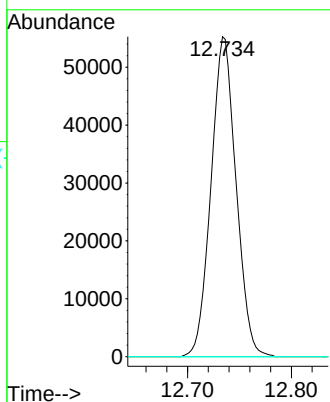
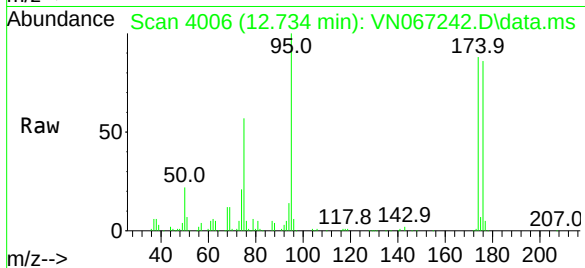




#81
trans-1,4-Dichloro-2-butene
Concen: 68.486 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.102 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC4

Tgt Ion: 75 Resp: 92429
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.427 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN067242.D
Acq: 5 Jun 2021 19:57

Tgt Ion:128 Resp: 24
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

