

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067245.D
 Acq On : 5 Jun 2021 21:07
 Operator : JC/MD
 Sample : M2603-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC7

Quant Time: Jun 07 01:19:32 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

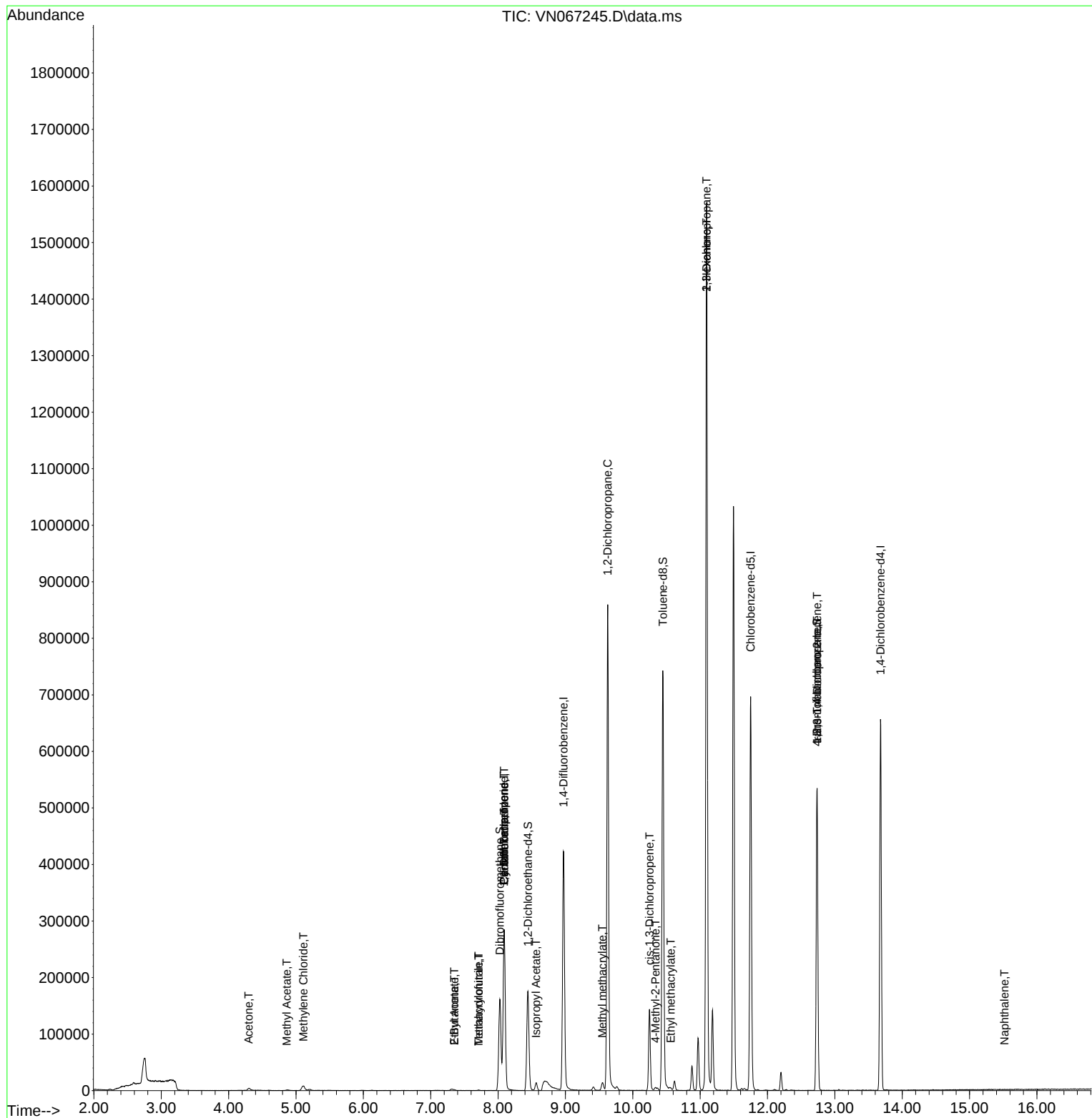
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.091	168	233013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	390778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	406164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	172925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	138419	43.579	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.160%
35) Dibromofluoromethane	8.027	113	115604	47.720	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.440%
50) Toluene-d8	10.446	98	524184	53.128	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.733	95	168977	44.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.940%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	7273	6.636	ug/l	91
18) Methyl Acetate	4.862	43	1525	0.491	ug/l #	82
20) Methylene Chloride	5.111	84	7108	2.575	ug/l #	93
25) 2-Butanone	7.351	43	2276	1.297	ug/l #	87
29) Tetrahydrofuran	7.710	42	561	0.538	ug/l #	63
31) Cyclohexane	8.091	56	4926	1.155	ug/l #	17
36) 1,1-Dichloropropene	8.088	75	17055	4.726	ug/l #	45
37) Ethyl Acetate	7.351	43	2276	0.654	ug/l #	65
38) Carbon Tetrachloride	8.091	117	21720	5.511	ug/l #	15
41) Methacrylonitrile	7.710	41	370	0.205	ug/l #	18
43) Isopropyl Acetate	8.566	43	15899	2.403	ug/l #	86
45) 1,2-Dichloropropane	9.625	63	885	0.317	ug/l #	45
48) Methyl methacrylate	9.547	41	4230	1.476	ug/l #	9
51) 4-Methyl-2-Pentanone	10.338	43	4351	1.122	ug/l #	78
54) cis-1,3-Dichloropropene	10.247	75	26185	5.479	ug/l #	70
56) Ethyl methacrylate	10.564	69	2120	0.463	ug/l #	63
57) 1,3-Dichloropropane	11.095	76	16440	3.558	ug/l #	42
59) 2-Hexanone	11.095	43	236248	83.848	ug/l #	44
76) 1,2,3-Trichloropropane	12.736	75	90797	27.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	90797	66.804	ug/l #	15
95) Naphthalene	15.520	128	56	4.431	ug/l #	69

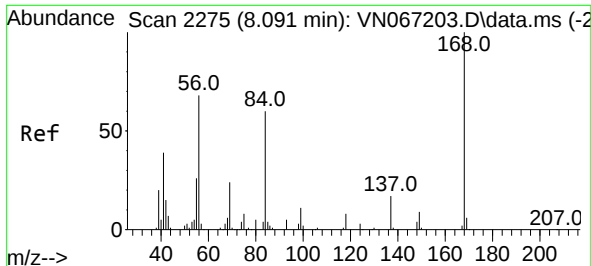
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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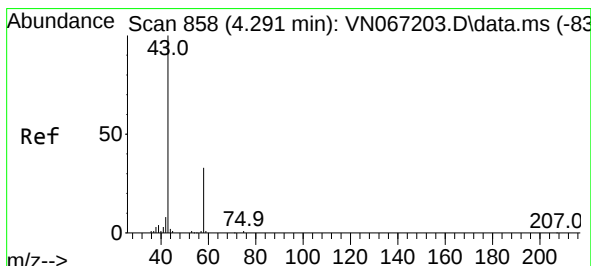
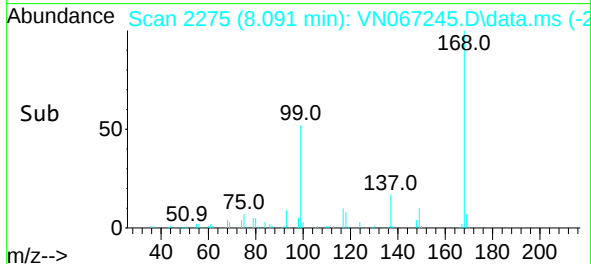
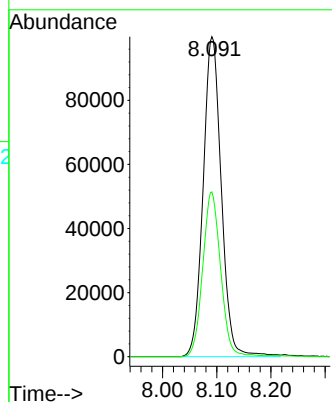
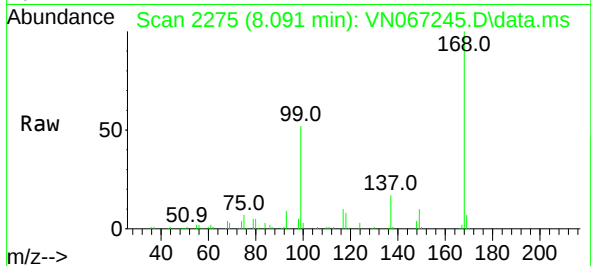




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

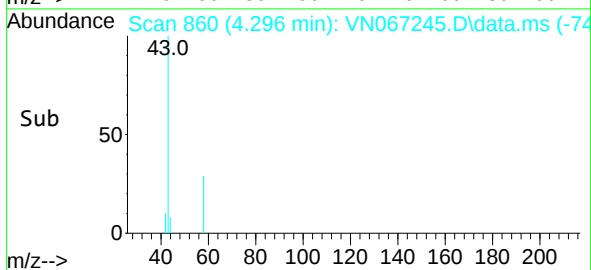
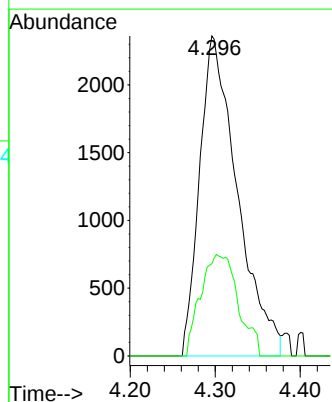
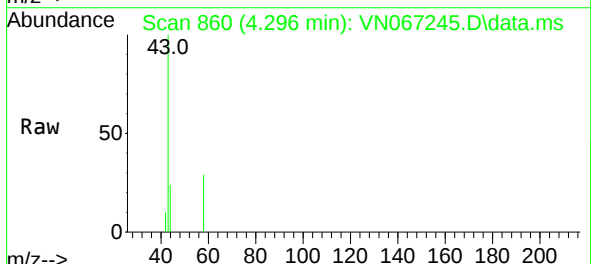
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

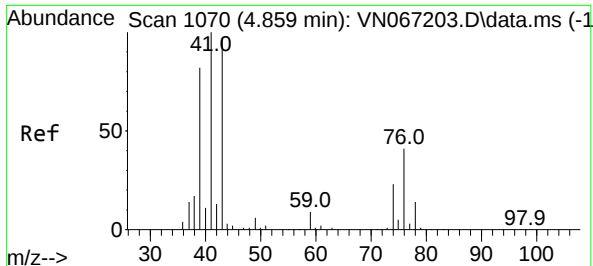
Tgt Ion:168 Resp: 233013
Ion Ratio Lower Upper
168 100
99 51.5 38.5 57.7



#16
Acetone
Concen: 6.636 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion: 43 Resp: 7273
Ion Ratio Lower Upper
43 100
58 28.8 27.2 40.8





#18

Methyl Acetate

Concen: 0.491 ug/l

RT: 4.862 min Scan# 1071

Delta R.T. 0.003 min

Lab File: VN067245.D

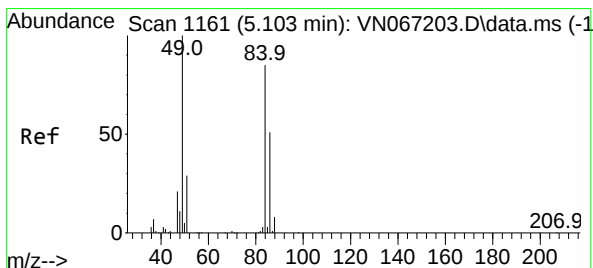
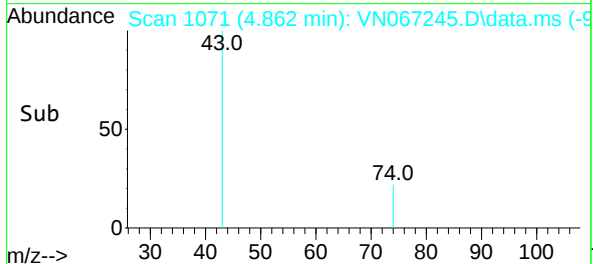
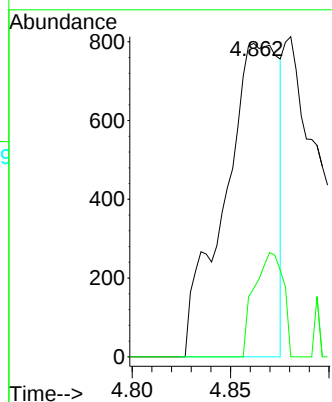
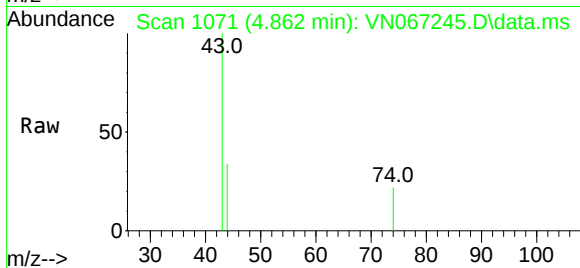
Acq: 5 Jun 2021 21:07

Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

74 17.7 21.4 32.2#



#20

Methylene Chloride

Concen: 2.575 ug/l

RT: 5.111 min Scan# 1164

Delta R.T. 0.008 min

Lab File: VN067245.D

Acq: 5 Jun 2021 21:07

Tgt Ion: 84 Resp: 7108

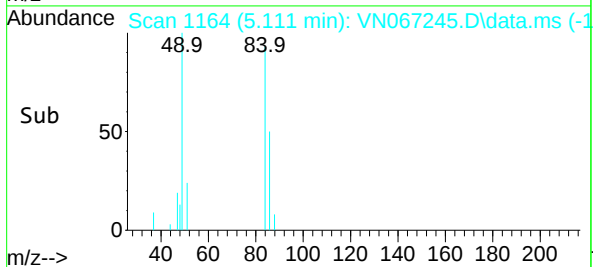
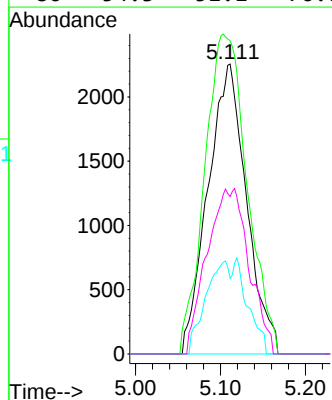
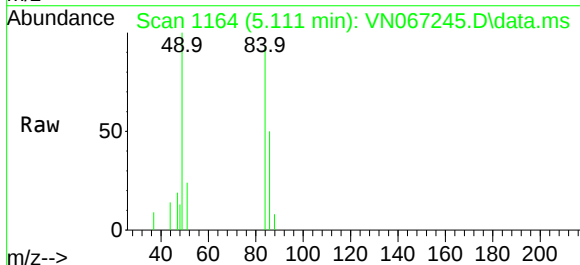
Ion Ratio Lower Upper

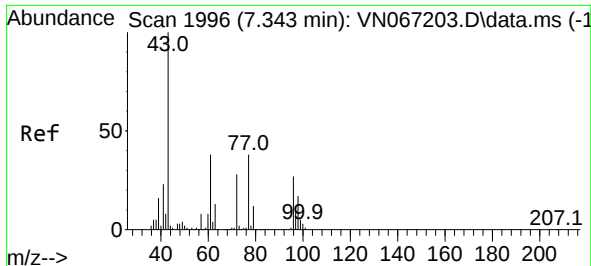
84 100

49 108.1 88.3 132.5

51 26.1 26.7 40.1#

86 54.3 51.1 76.7

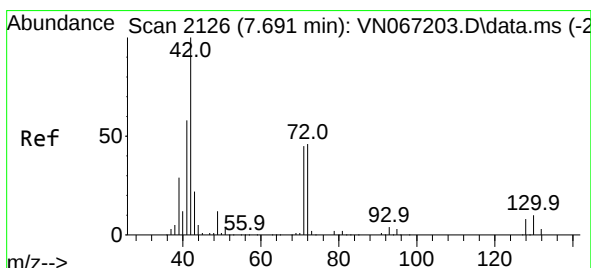
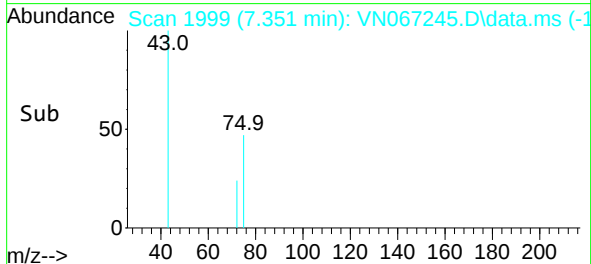
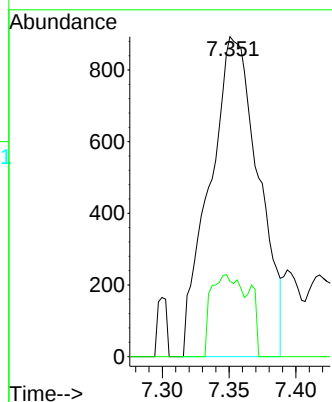
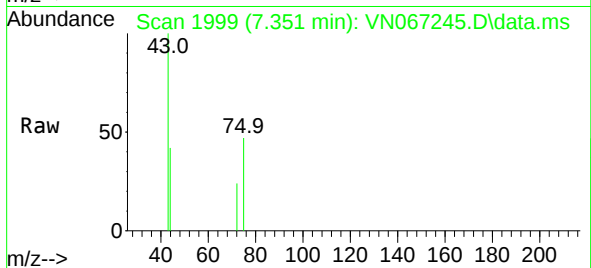




#25
2-Butanone
Concen: 1.297 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

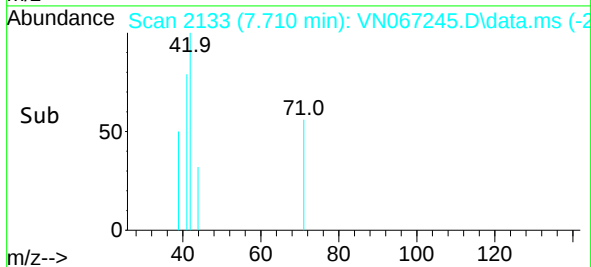
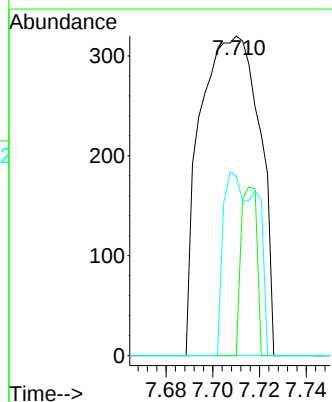
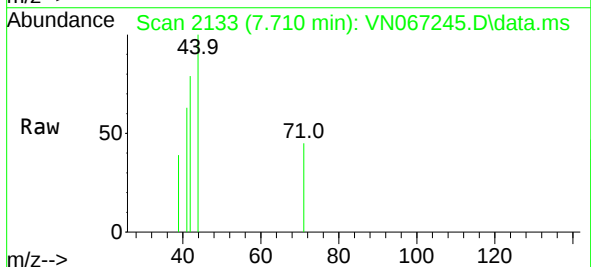
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

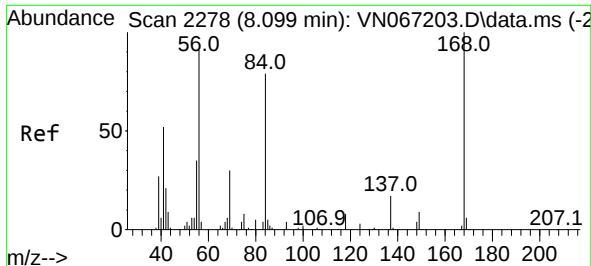
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
72 23.5 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.538 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.019 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

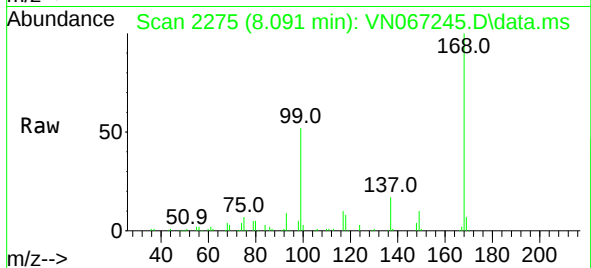
Tgt Ion: 42 Resp: 561
Ion Ratio Lower Upper
42 100
72 14.1 40.1 60.1#
71 33.0 37.9 56.9#



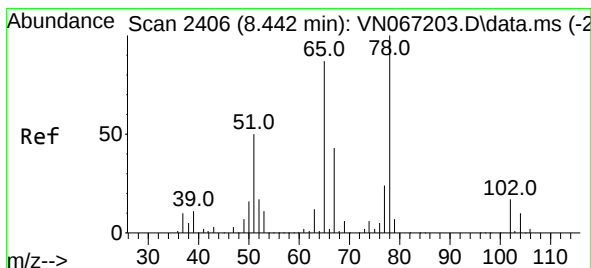
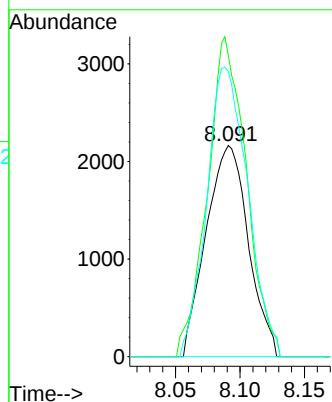
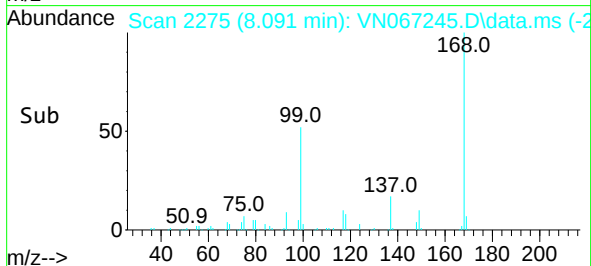


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

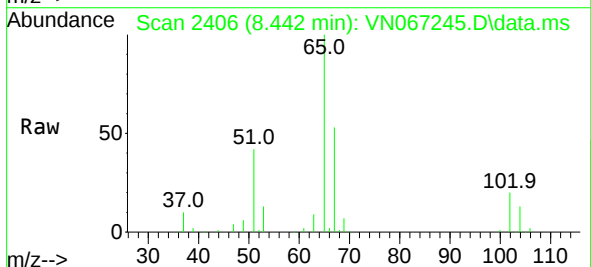
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7



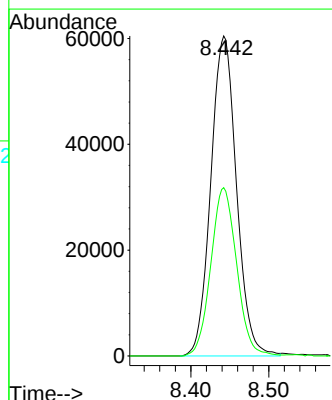
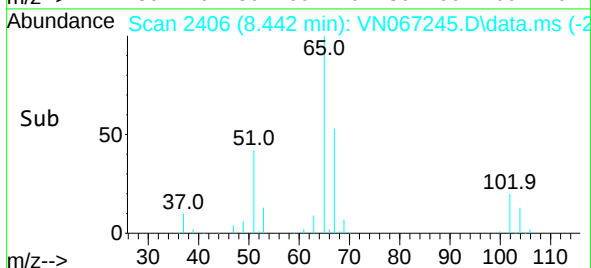
Tgt Ion: 56 Resp: 4926
Ion Ratio Lower Upper
56 100
69 142.5 28.0 42.0#
84 134.9 74.2 111.2#

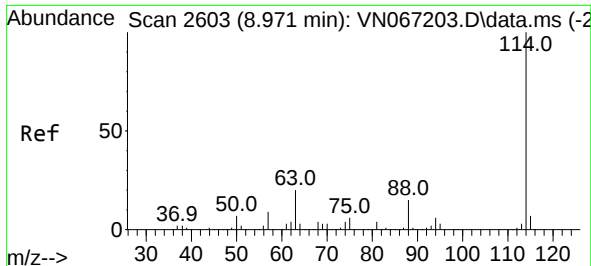


#33
1,2-Dichloroethane-d4
Concen: 43.579 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07



Tgt Ion: 65 Resp: 138419
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.4

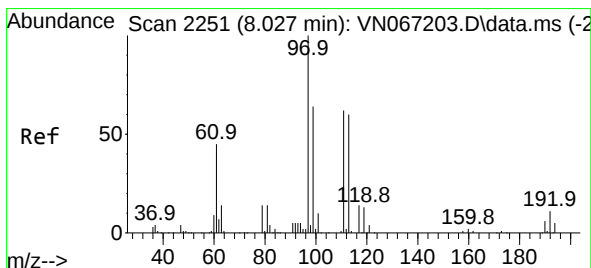
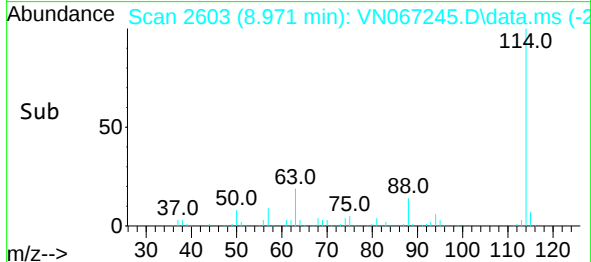
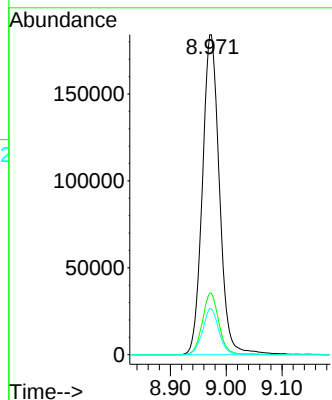
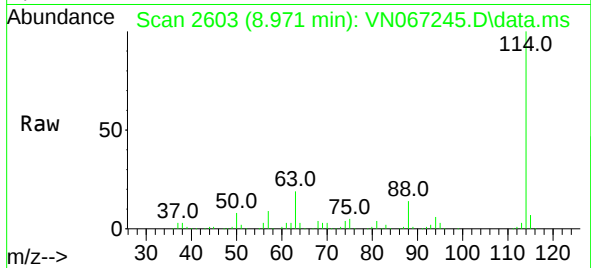




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

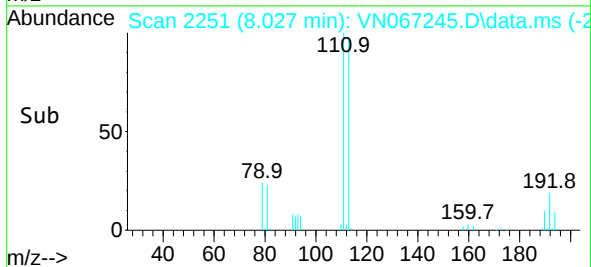
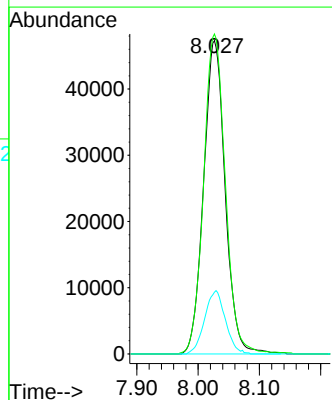
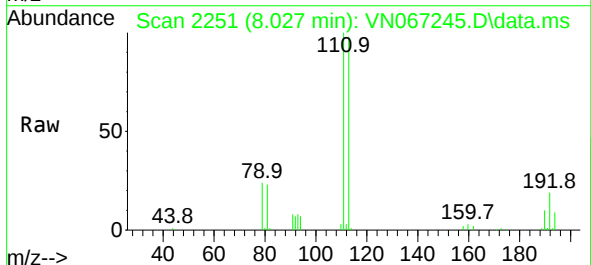
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

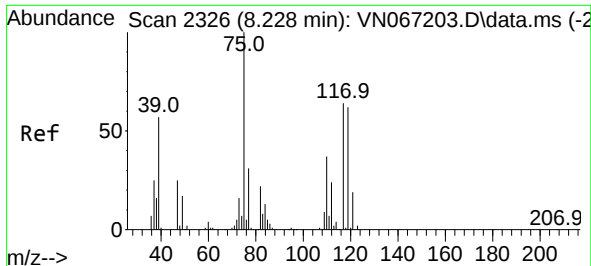
Tgt Ion:114 Resp: 390778
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.8
88 14.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.720 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

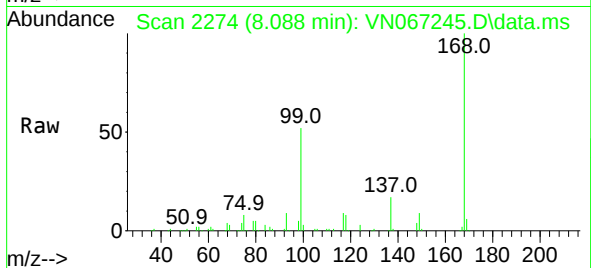
Tgt Ion:113 Resp: 115604
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.5 18.2 27.4



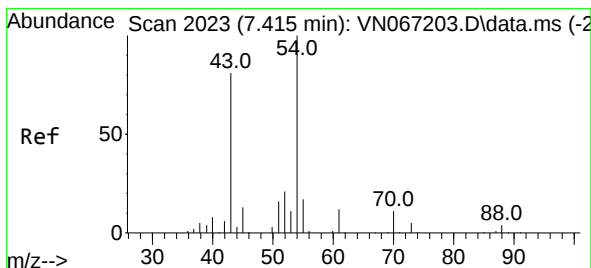
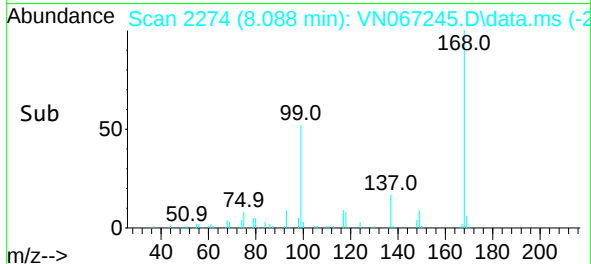
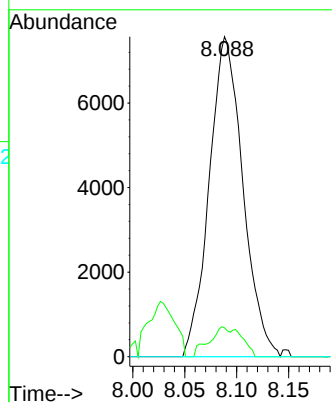


#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.140 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Instrument :
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ClientSampled :
FAM4-WC7

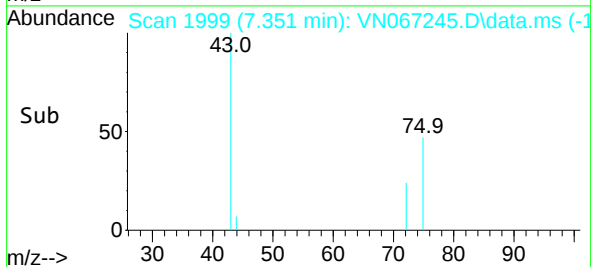
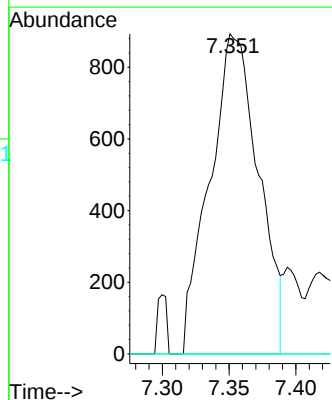
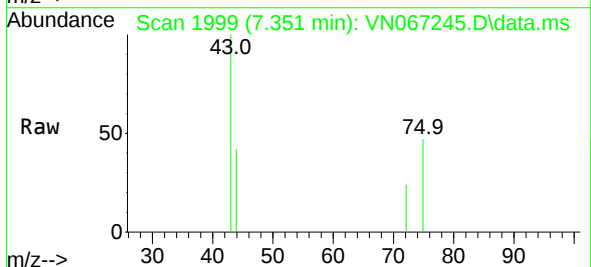


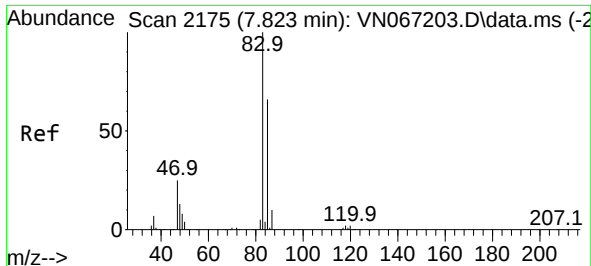
Tgt Ion: 75 Resp: 17055
Ion Ratio Lower Upper
75 100
110 5.6 19.1 57.3#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.654 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

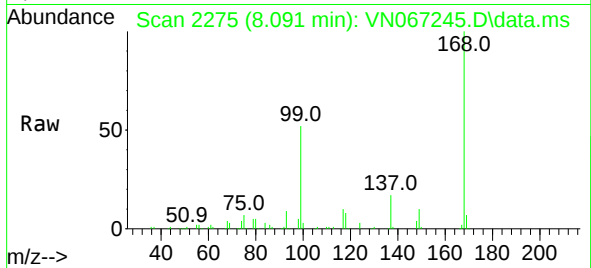
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.2 13.8#



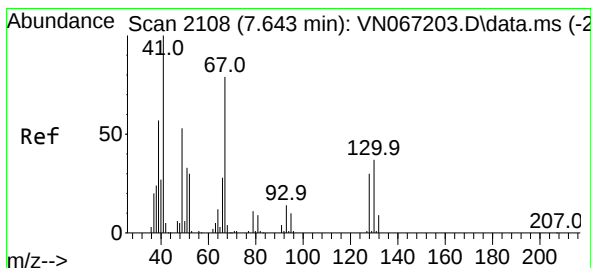
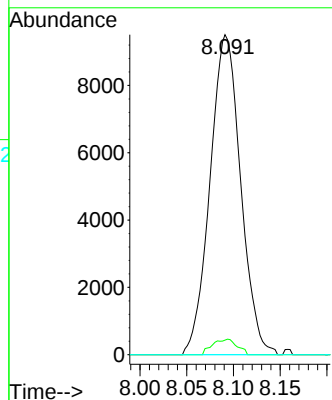
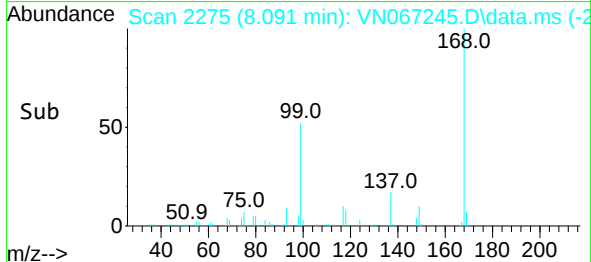


#38
Carbon Tetrachloride
Concen: 5.511 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.121 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

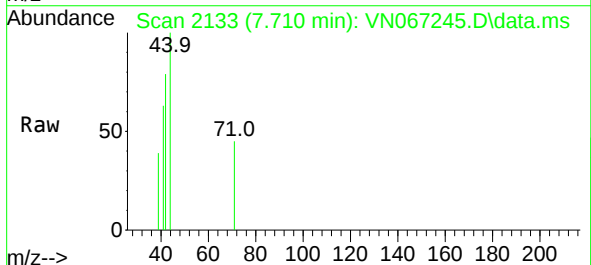
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MSVOA_N
ClientSampleId :
FAM4-WC7



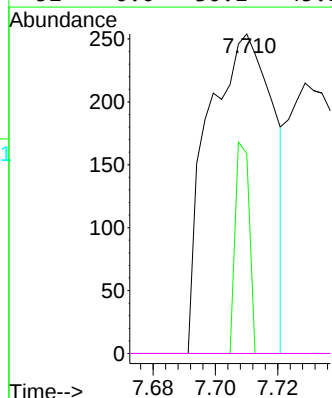
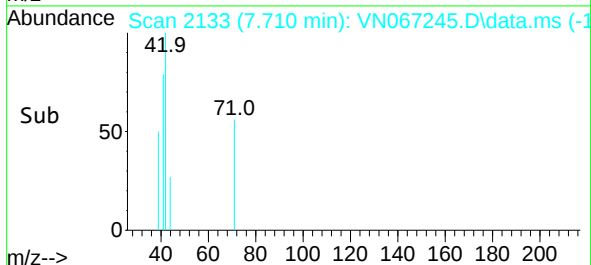
Tgt Ion: 117 Resp: 21720
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.7 37.1#

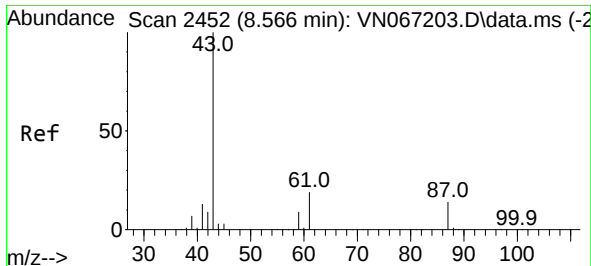


#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.067 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07



Tgt Ion: 41 Resp: 370
Ion Ratio Lower Upper
41 100
39 14.3 45.3 67.9#
67 0.0 85.1 127.7#
52 0.0 30.1 45.1#

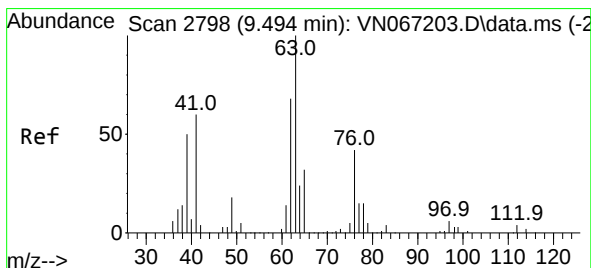
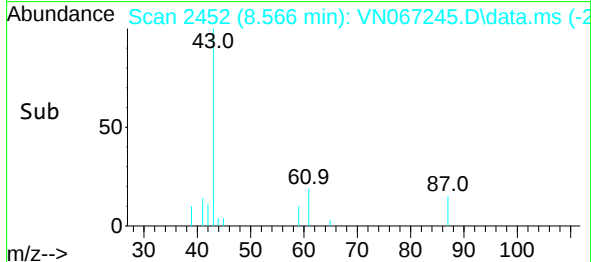
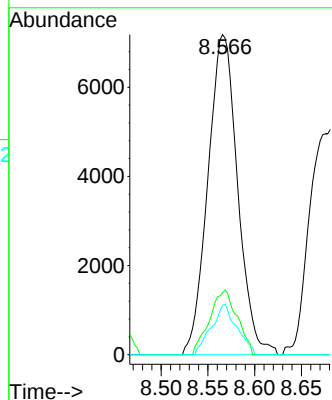
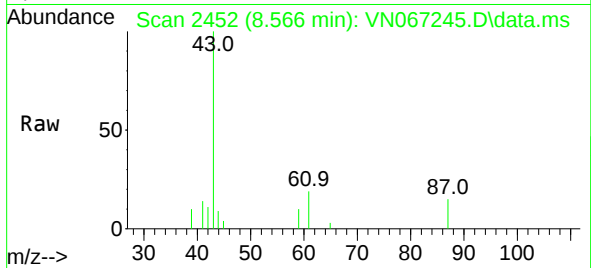




#43
Isopropyl Acetate
Concen: 2.403 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

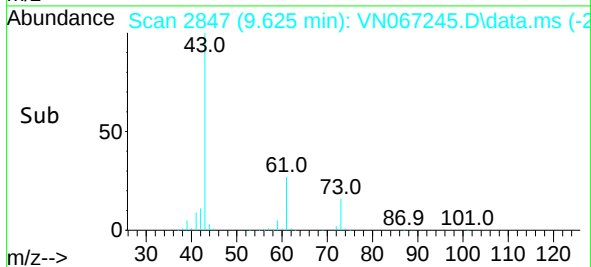
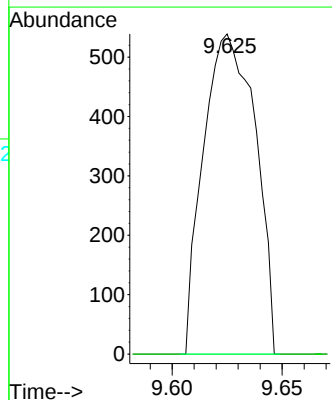
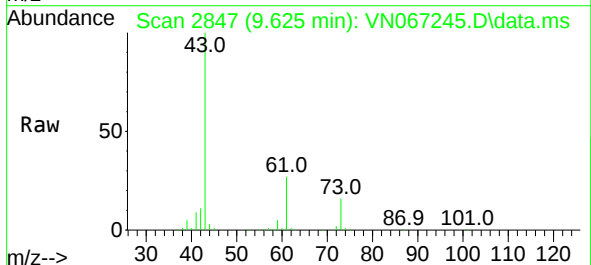
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

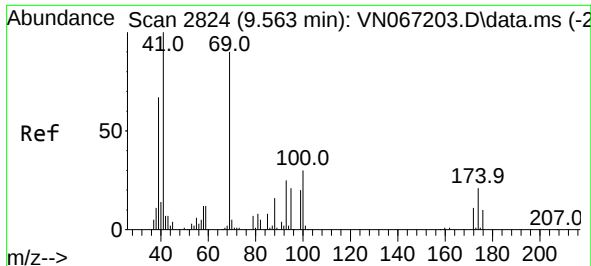
Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
61 18.8 23.4 35.0#
87 13.5 12.2 18.2



#45
1,2-Dichloropropane
Concen: 0.317 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.131 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

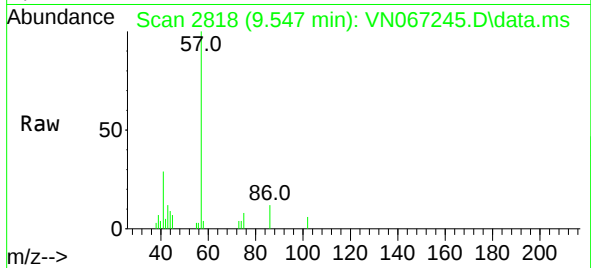
Tgt Ion: 63 Resp: 885
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



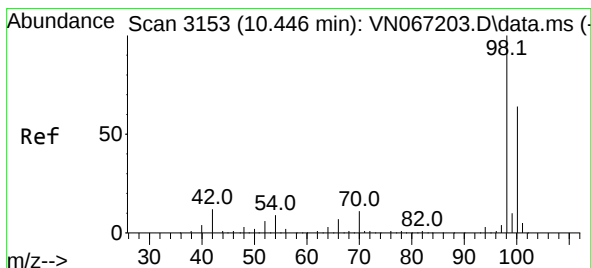
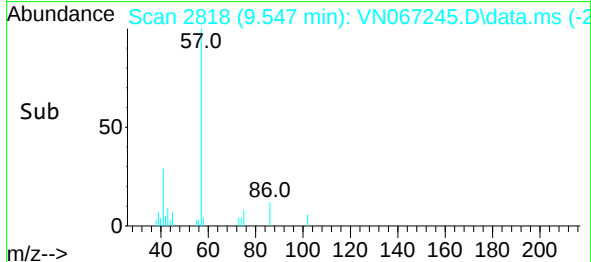
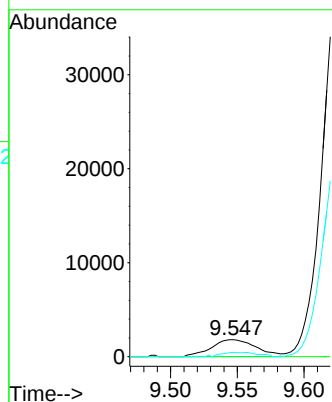


#48
Methyl methacrylate
Concen: 1.476 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Instrument :
MSVOA_N
ClientSampled :
FAM4-WC7

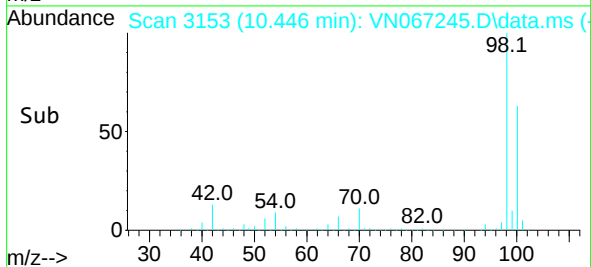
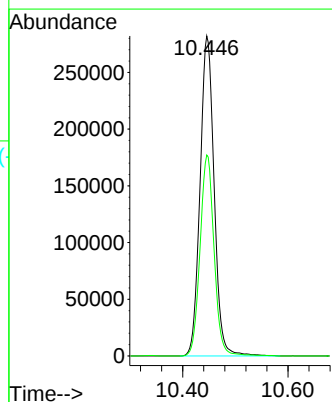
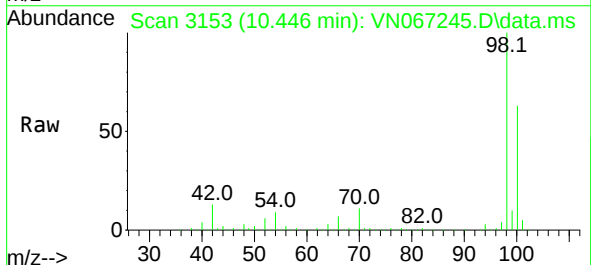


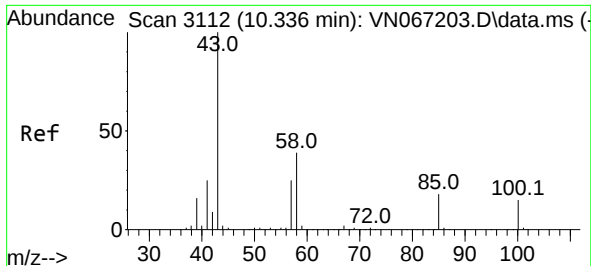
Tgt Ion: 41 Resp: 4230
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 53.128 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion: 98 Resp: 524184
Ion Ratio Lower Upper
98 100
100 62.6 51.8 77.8

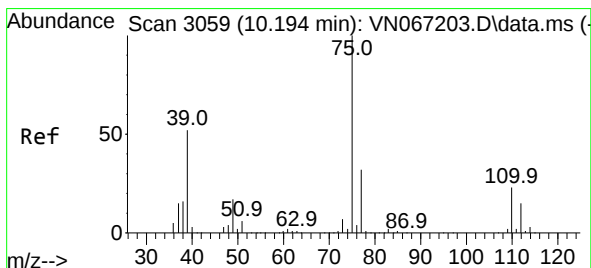
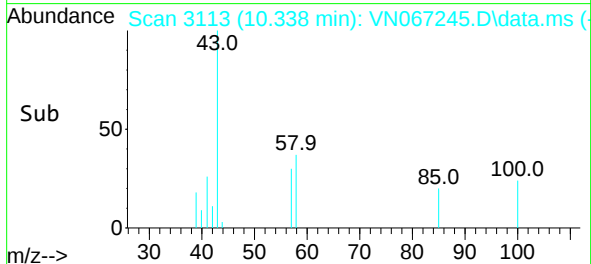
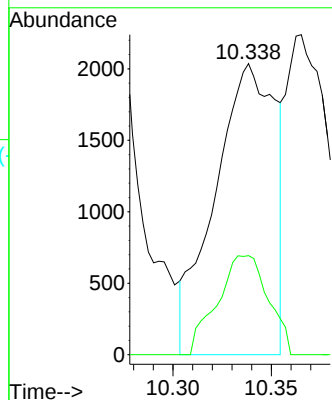
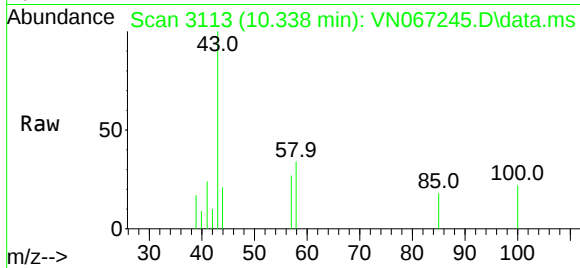




#51
4-Methyl-2-Pentanone
Concen: 1.122 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.002 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

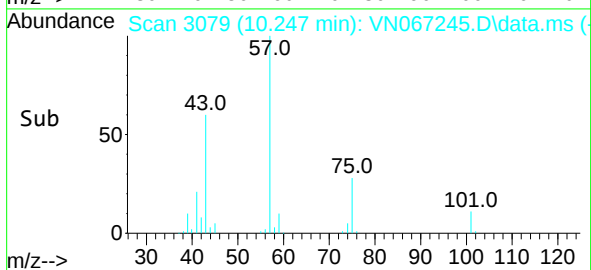
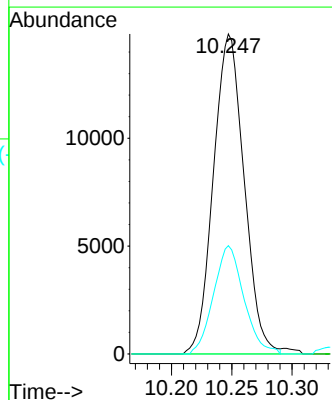
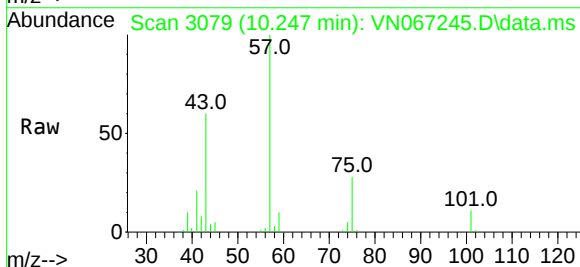
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC7

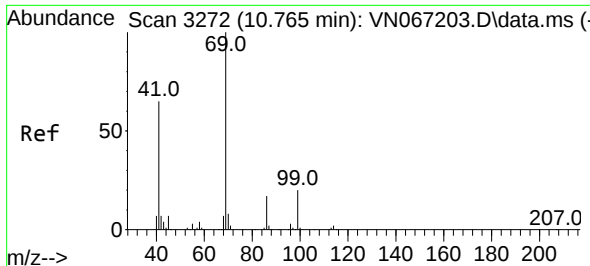
Tgt Ion: 43 Resp: 4351
Ion Ratio Lower Upper
43 100
58 28.8 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 5.479 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion: 75 Resp: 26185
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 33.8 30.9 46.3

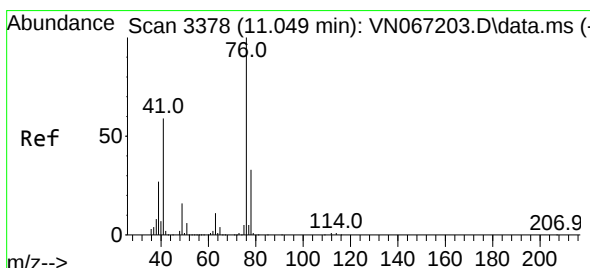
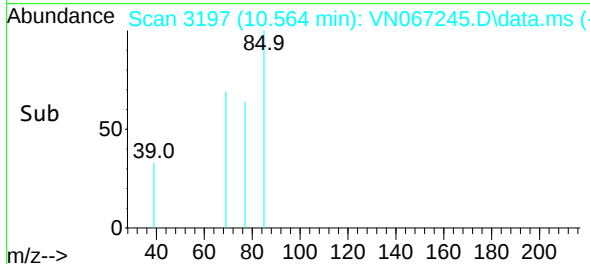
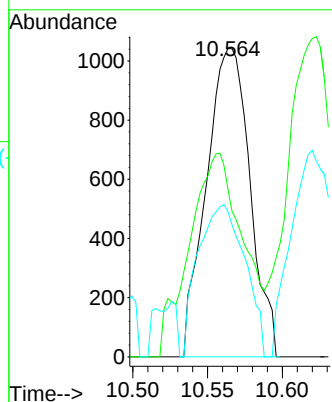
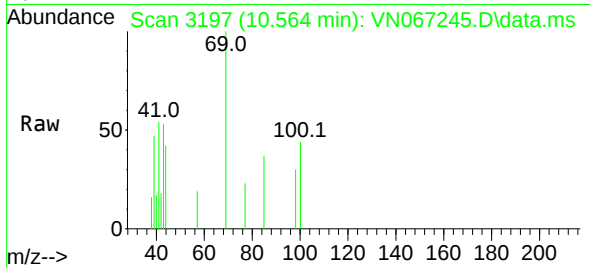




#56
Ethyl methacrylate
Concen: 0.463 ug/l
RT: 10.564 min Scan# 3197
Delta R.T. -0.201 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

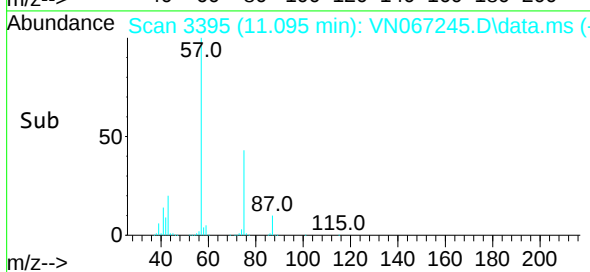
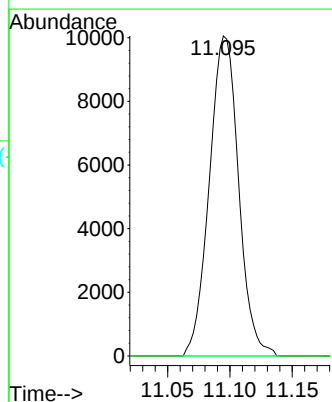
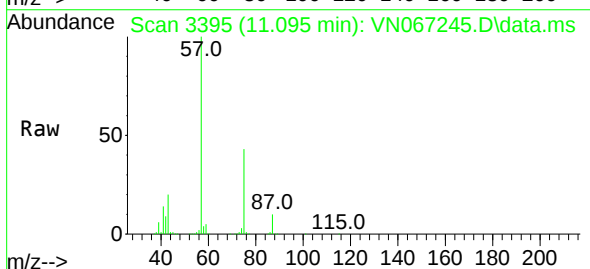
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

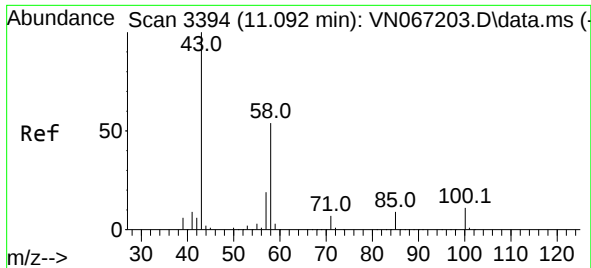
Tgt Ion: 69 Resp: 2120
Ion Ratio Lower Upper
69 100
41 81.3 45.5 68.3#
39 52.7 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 3.558 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion: 76 Resp: 16440
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#

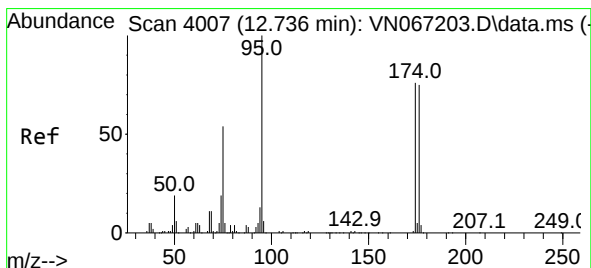
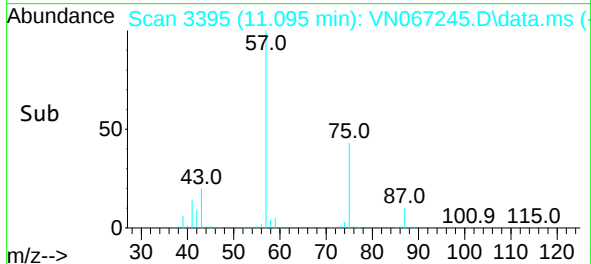
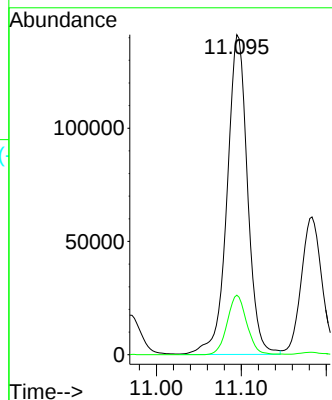
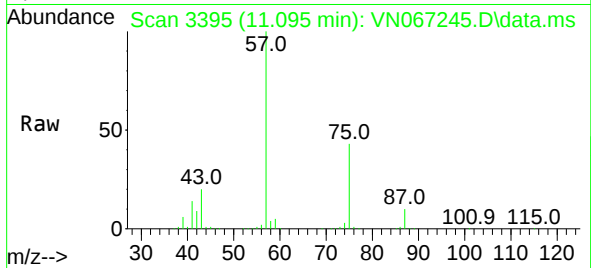




#59
2-Hexanone
Concen: 83.848 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

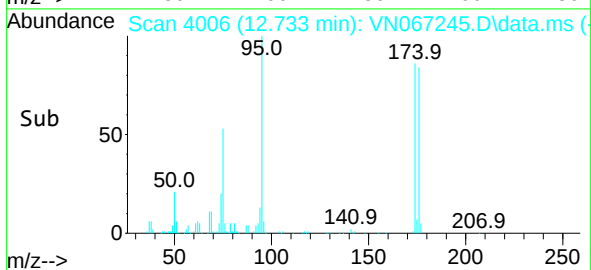
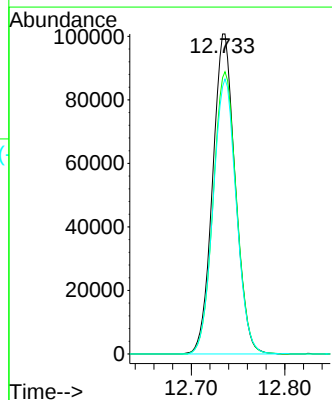
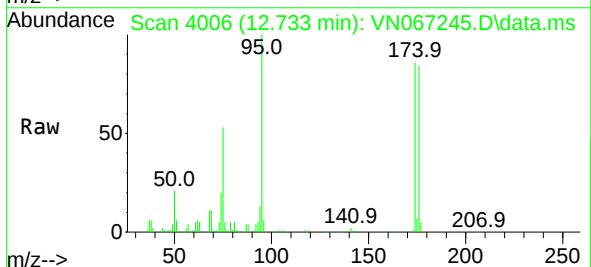
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC7

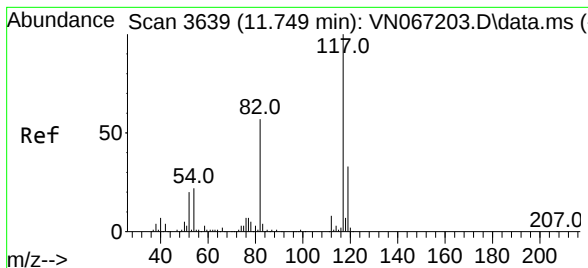
Tgt Ion: 43 Resp: 236248
Ion Ratio Lower Upper
43 100
58 17.8 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion: 95 Resp: 168977
Ion Ratio Lower Upper
95 100
174 90.8 0.0 182.8
176 88.0 0.0 176.6

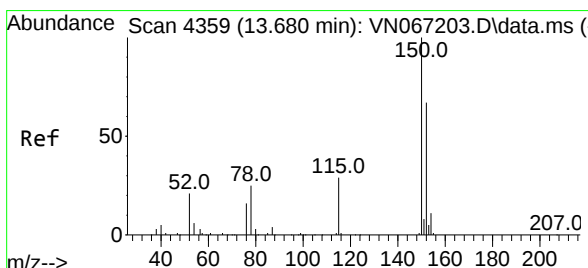
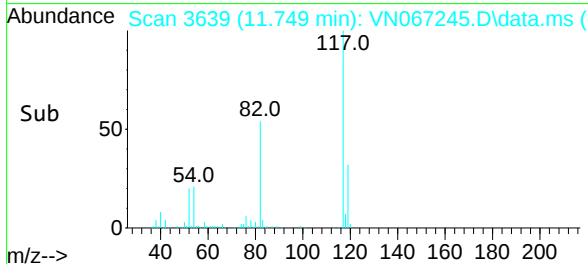
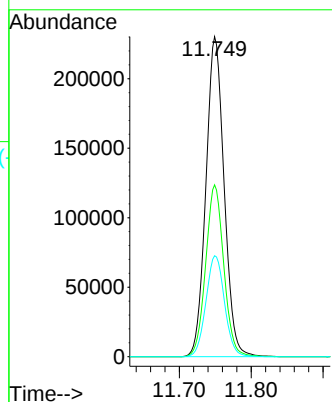
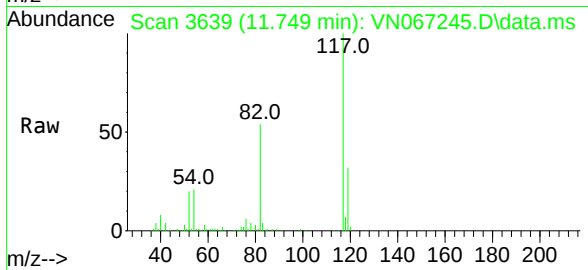




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

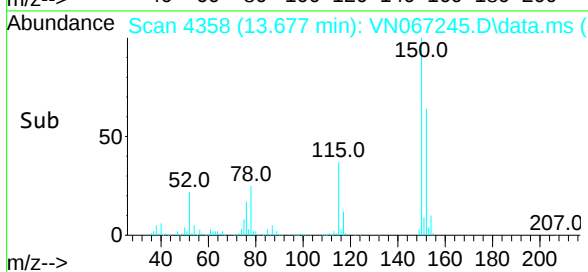
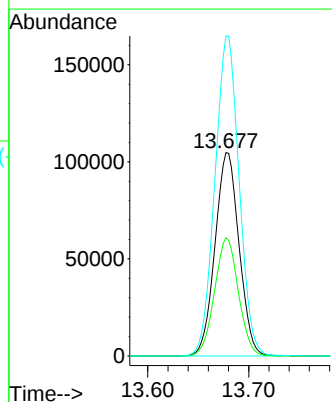
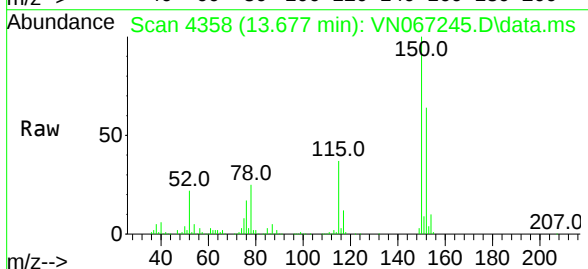
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

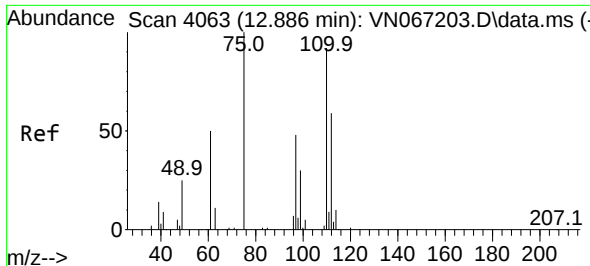
Tgt Ion:117 Resp: 406164
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Tgt Ion:152 Resp: 172925
Ion Ratio Lower Upper
152 100
115 57.6 27.0 80.8
150 158.7 0.0 350.2

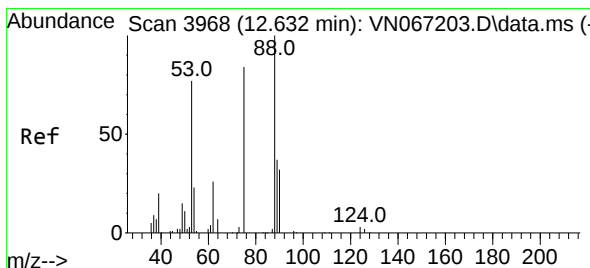
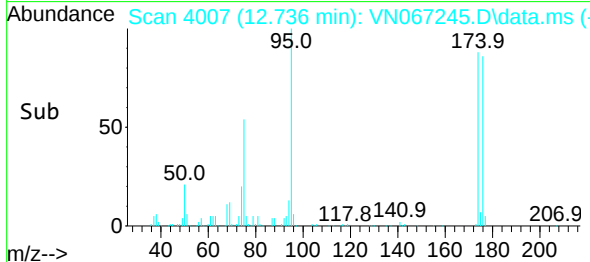
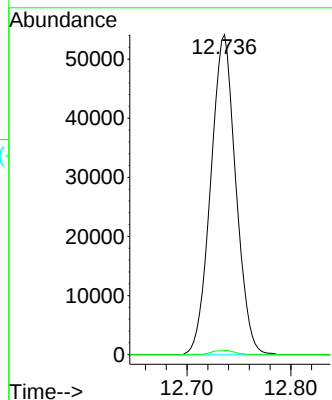
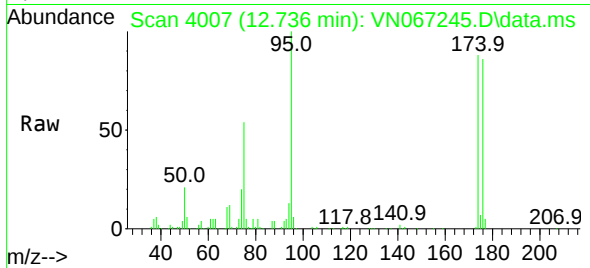




#76
1,2,3-Trichloropropane
Concen: 27.304 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.150 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

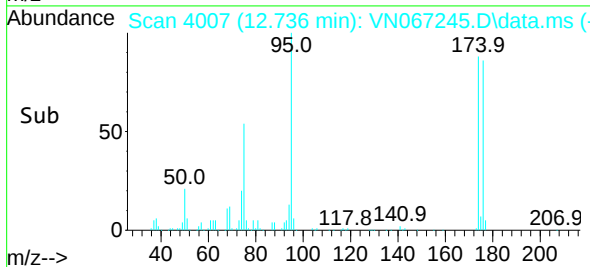
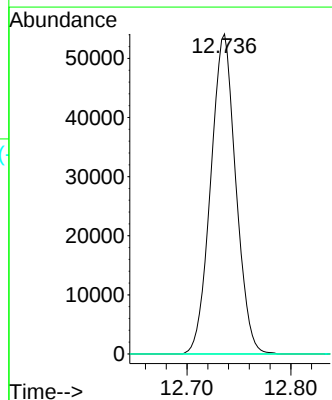
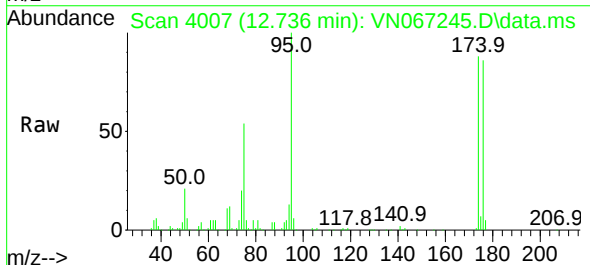
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7

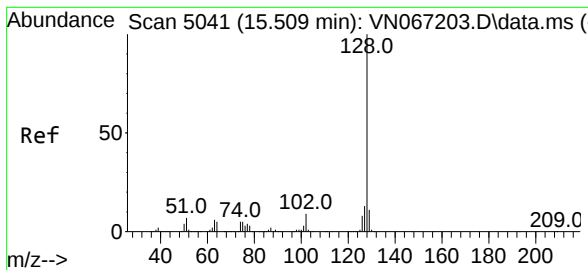
Tgt Ion: 75 Resp: 90797
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.804 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.105 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

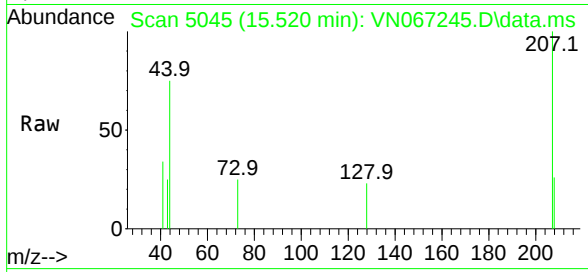
Tgt Ion: 75 Resp: 90797
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 4.431 ug/l
RT: 15.520 min Scan# 5045
Delta R.T. 0.011 min
Lab File: VN067245.D
Acq: 5 Jun 2021 21:07

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC7



Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

