

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067243.D
 Acq On : 5 Jun 2021 20:20
 Operator : JC/MD
 Sample : M2603-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC5

Quant Time: Jun 07 01:19:01 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)

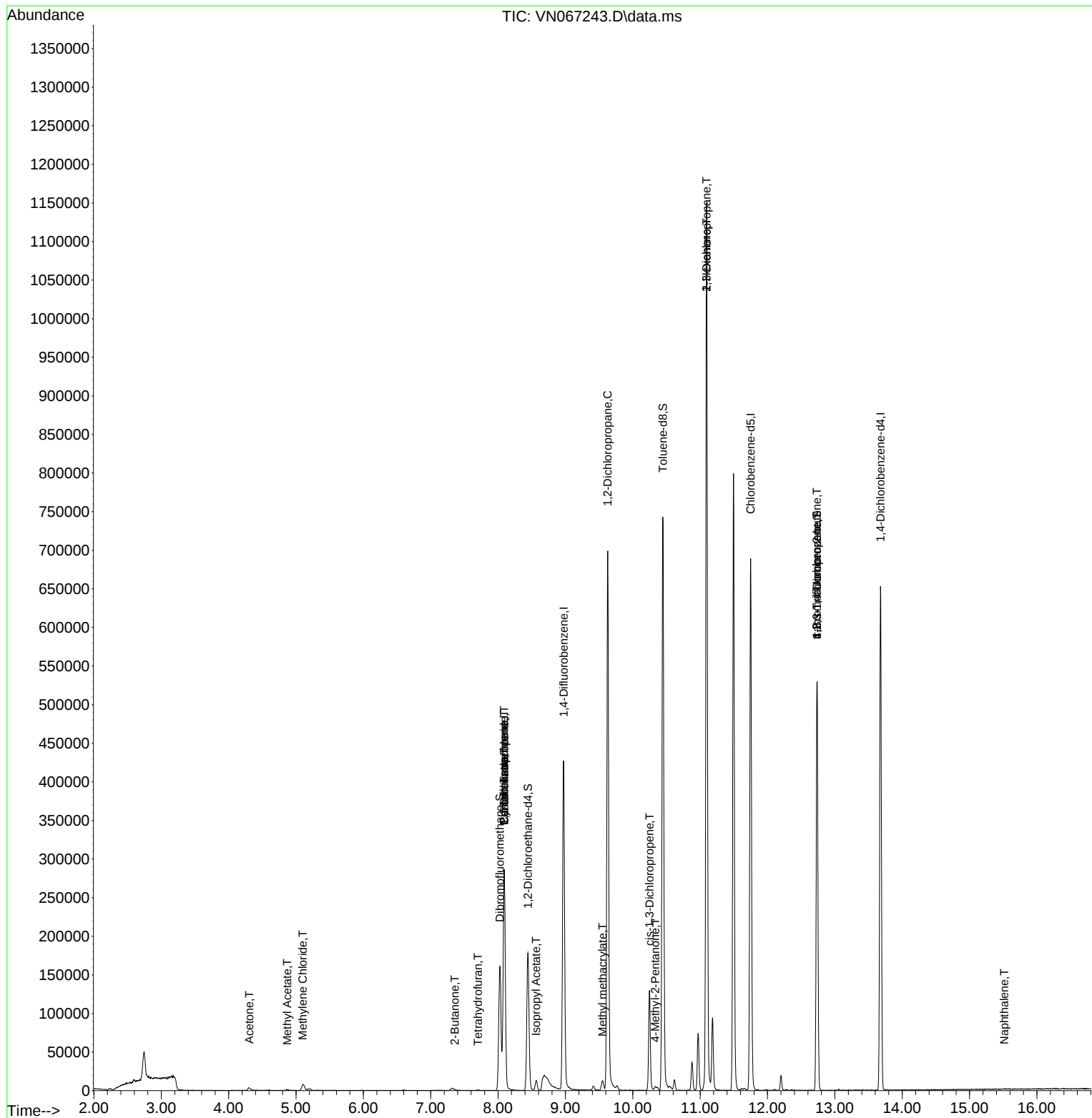
Internal Standards						
1) Pentafluorobenzene	8.091	168	231095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	399617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	405814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	177563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	141441	44.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.800%		
35) Dibromofluoromethane	8.027	113	116962	47.212	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.420%		
50) Toluene-d8	10.446	98	529000	52.431	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.860%		
62) 4-Bromofluorobenzene	12.733	95	166139	42.754	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.500%		
Target Compounds					Qvalue	
16) Acetone	4.309	43	6698	6.162	ug/l	90
18) Methyl Acetate	4.870	43	2840	0.922	ug/l #	60
20) Methylene Chloride	5.101	84	6520	2.382	ug/l	98
25) 2-Butanone	7.356	43	2749	1.579	ug/l #	80
29) Tetrahydrofuran	7.702	42	326	0.315	ug/l #	28
31) Cyclohexane	8.091	56	4820	1.140	ug/l #	21
36) 1,1-Dichloropropene	8.091	75	16906	4.581	ug/l #	47
38) Carbon Tetrachloride	8.091	117	21806	5.410	ug/l #	15
43) Isopropyl Acetate	8.566	43	15444	2.283	ug/l #	82
45) 1,2-Dichloropropane	9.628	63	722	0.253	ug/l #	45
48) Methyl methacrylate	9.553	41	3476	1.186	ug/l #	9
51) 4-Methyl-2-Pentanone	10.333	43	2539	0.640	ug/l	98
54) cis-1,3-Dichloropropene	10.247	75	24120	4.935	ug/l #	68
57) 1,3-Dichloropropane	11.095	76	12031	2.546	ug/l #	42
59) 2-Hexanone	11.095	43	177651	61.656	ug/l #	44
76) 1,2,3-Trichloropropane	12.733	75	93418	27.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	93418	66.937	ug/l #	15
95) Naphthalene	15.515	128	102	4.436	ug/l #	69

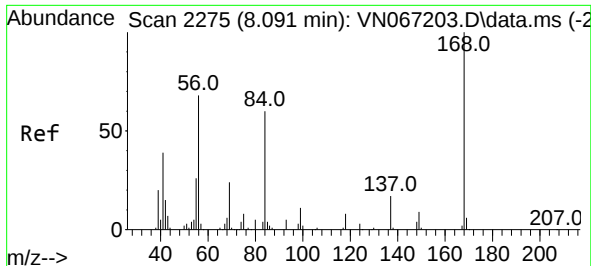
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 04 19:00:20 2021
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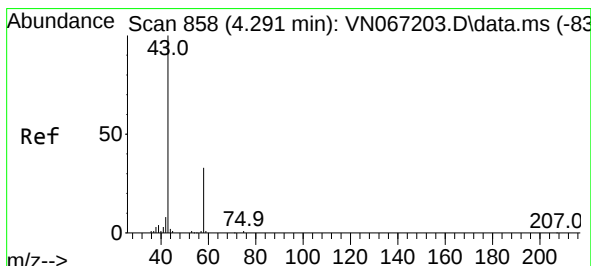
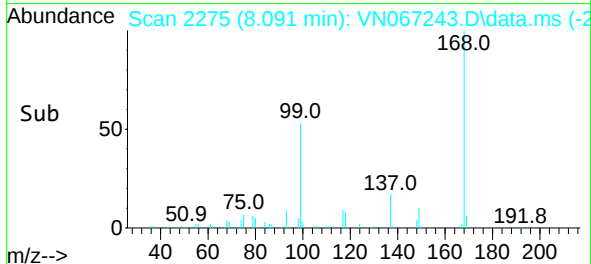
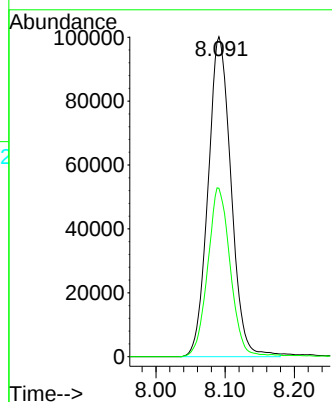
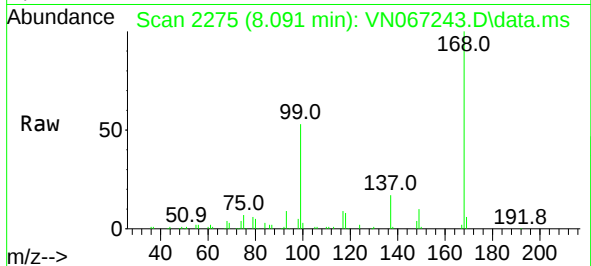




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

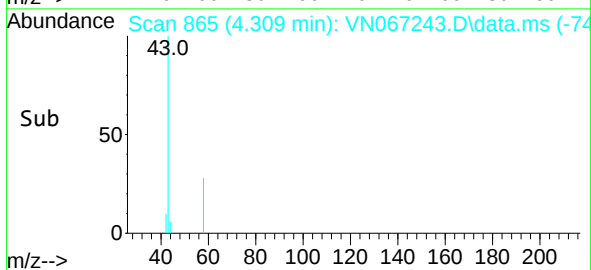
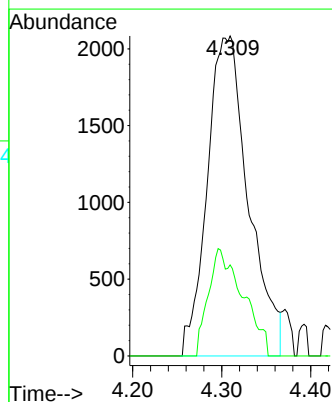
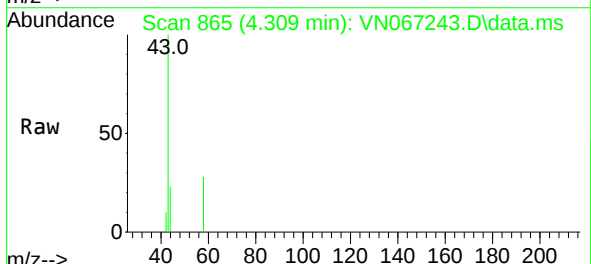
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC5

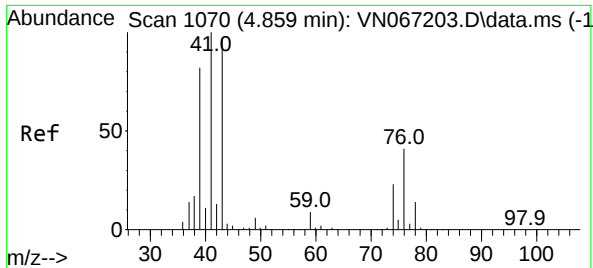
Tgt Ion:168 Resp: 231095
Ion Ratio Lower Upper
168 100
99 52.7 38.5 57.7



#16
Acetone
Concen: 6.162 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.018 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 43 Resp: 6698
Ion Ratio Lower Upper
43 100
58 28.5 27.2 40.8

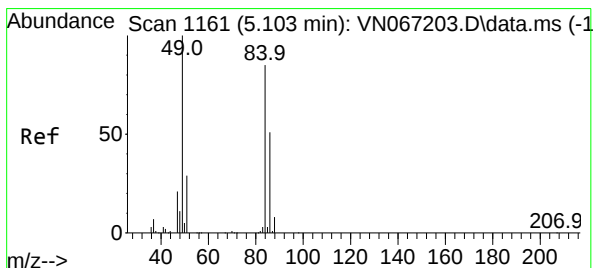
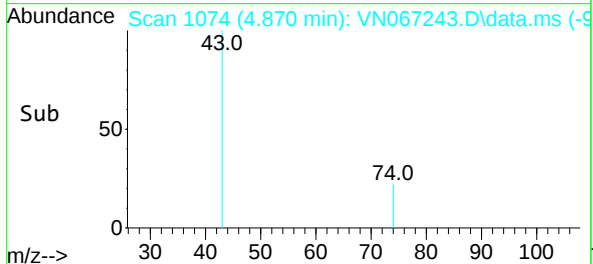
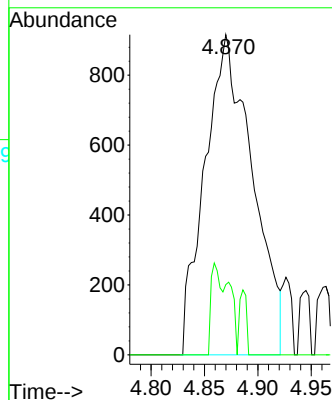
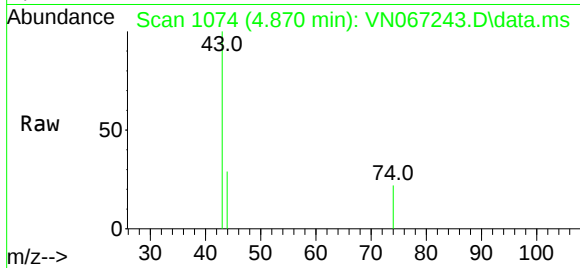




#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.011 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

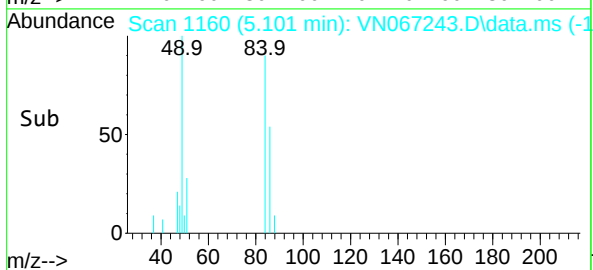
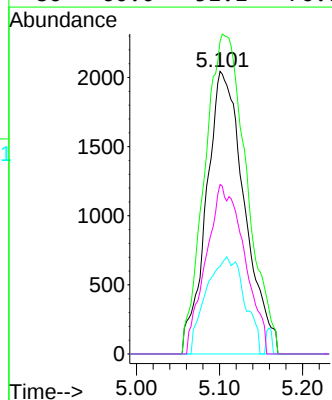
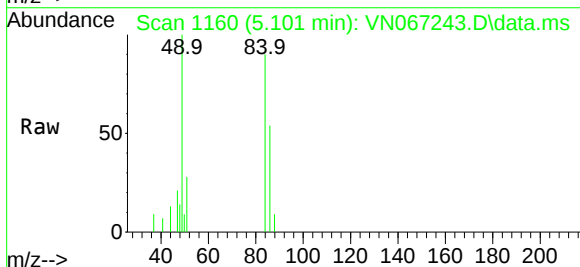
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

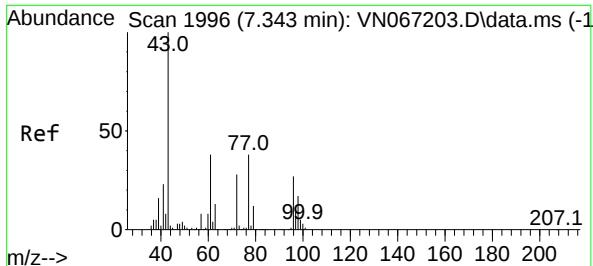
Tgt Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
74 6.2 21.4 32.2#



#20
Methylene Chloride
Concen: 2.382 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. -0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 84 Resp: 6520
Ion Ratio Lower Upper
84 100
49 110.6 88.3 132.5
51 31.0 26.7 40.1
86 60.0 51.1 76.7

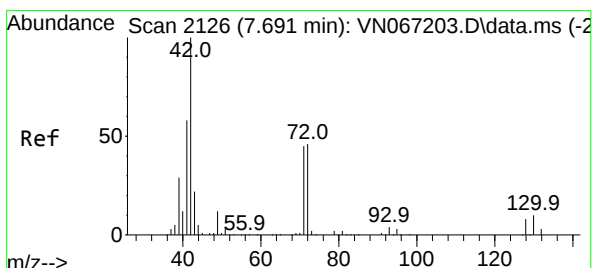
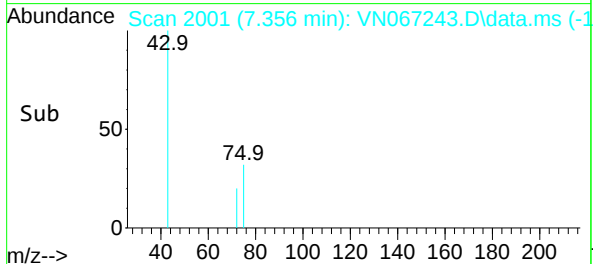
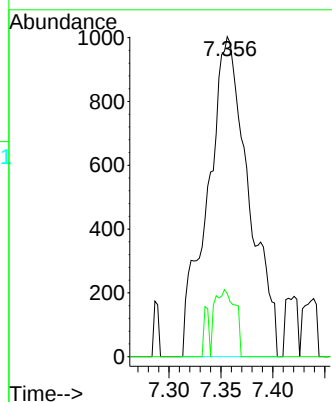
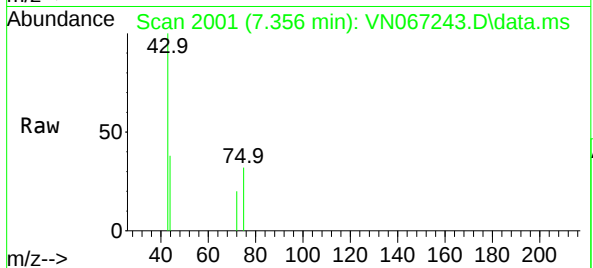




#25
2-Butanone
Concen: 1.579 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

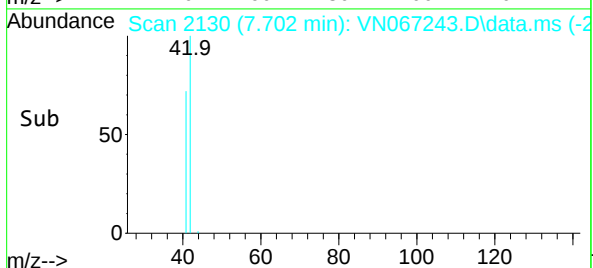
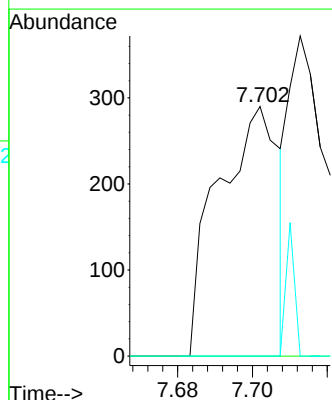
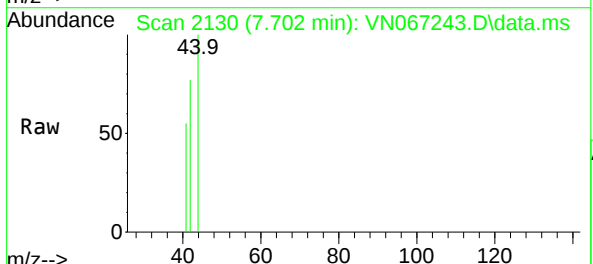
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

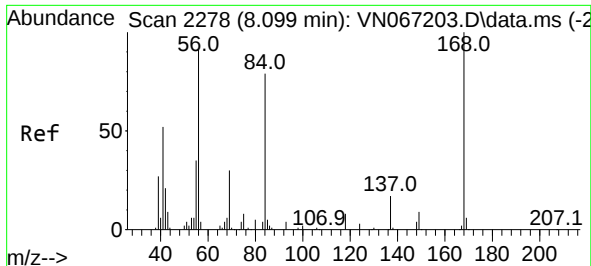
Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
72 19.7 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.315 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.011 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

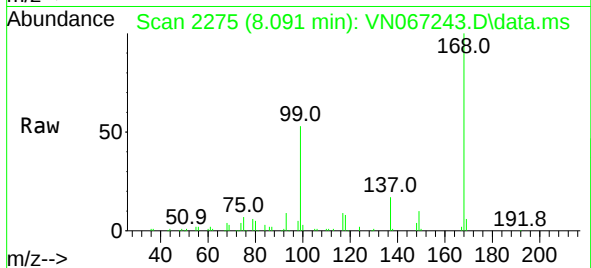
Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
72 0.0 40.1 60.1#
71 0.0 37.9 56.9#



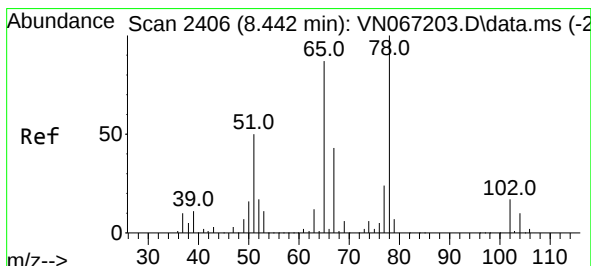
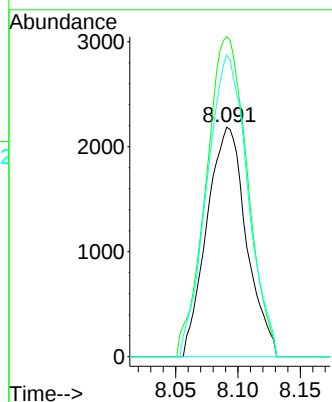
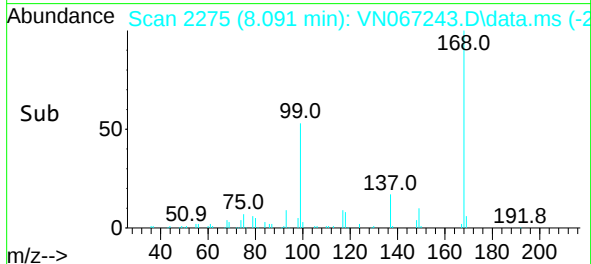


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

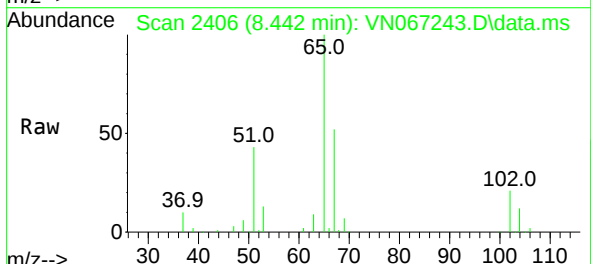
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5



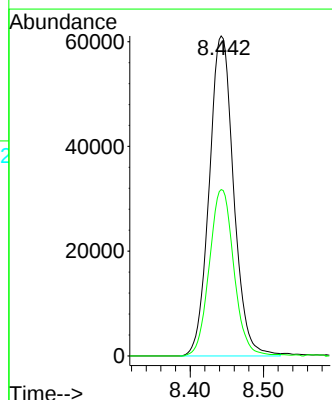
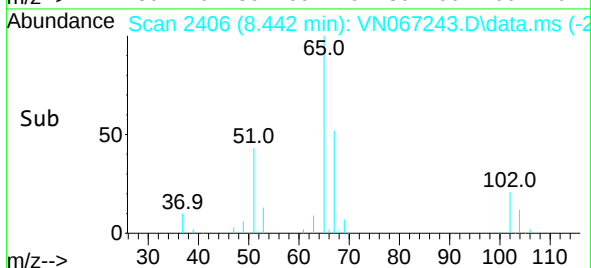
Tgt Ion: 56 Resp: 4820
Ion Ratio Lower Upper
56 100
69 139.5 28.0 42.0#
84 131.4 74.2 111.2#

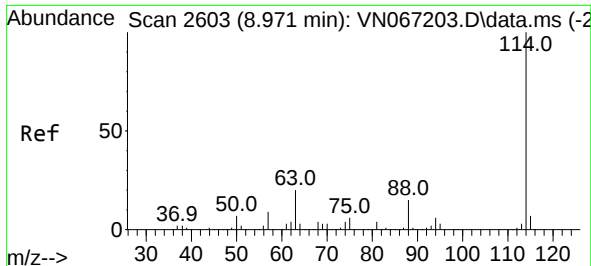


#33
1,2-Dichloroethane-d4
Concen: 44.900 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20



Tgt Ion: 65 Resp: 141441
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.4

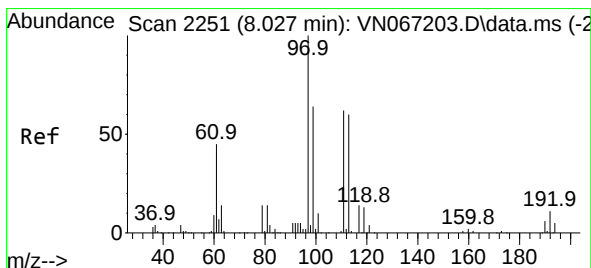
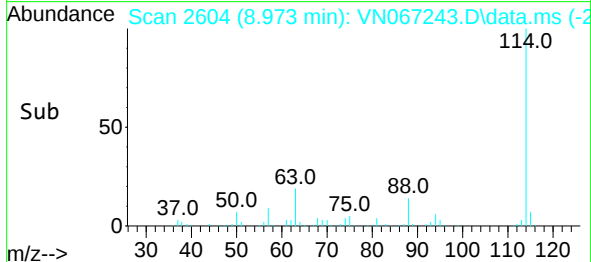
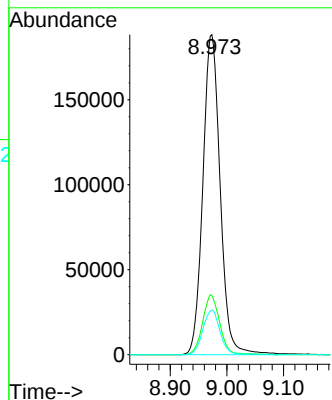
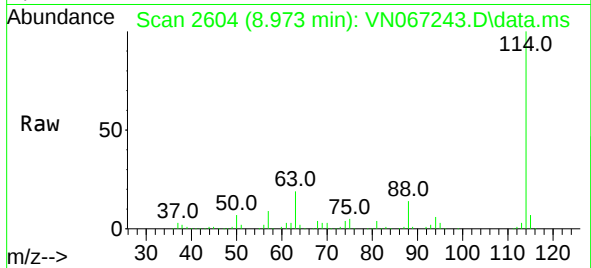




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

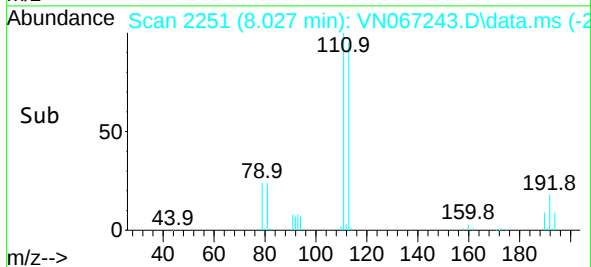
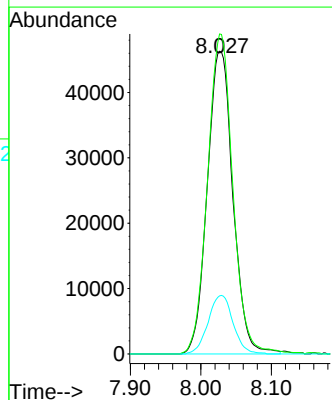
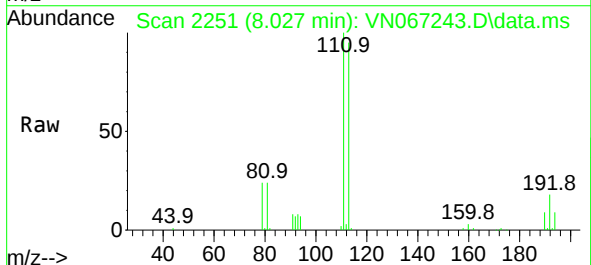
Instrument :
MSVOA_N
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FAM4-WC5

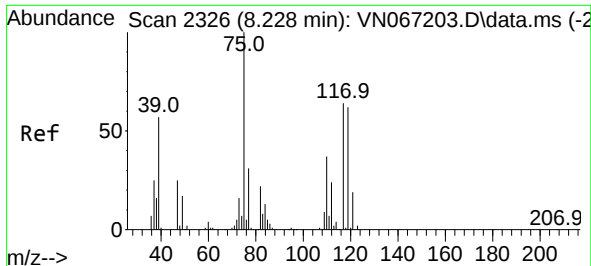
Tgt Ion:114 Resp: 399617
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.8
88 14.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.212 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion:113 Resp: 116962
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.9 18.2 27.4

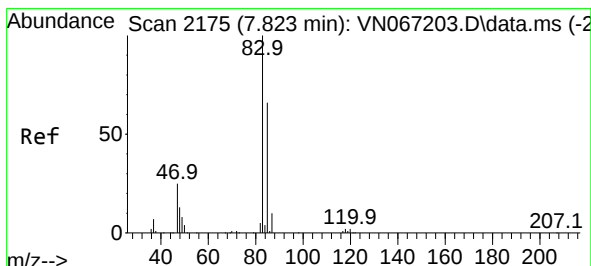
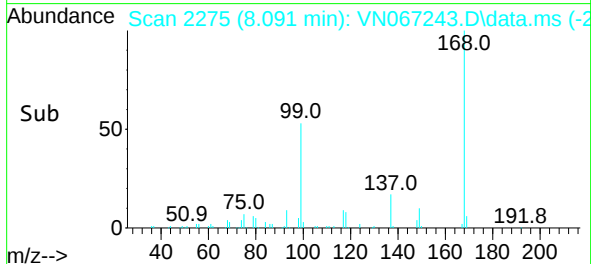
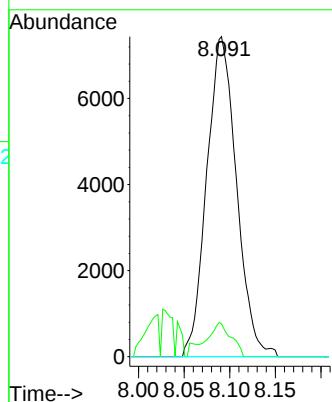
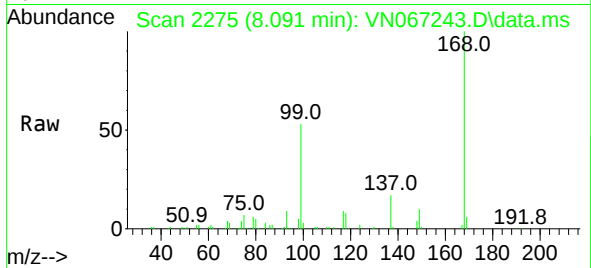




#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

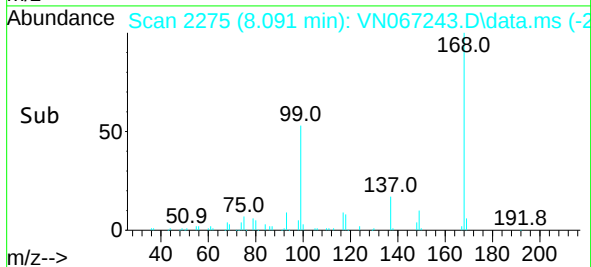
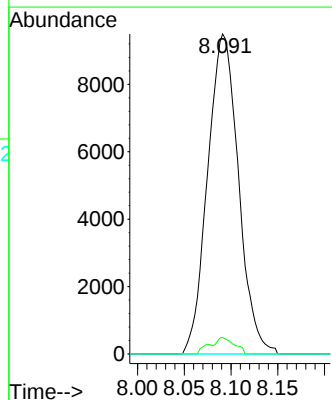
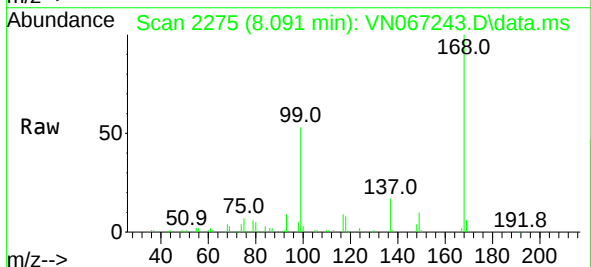
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC5

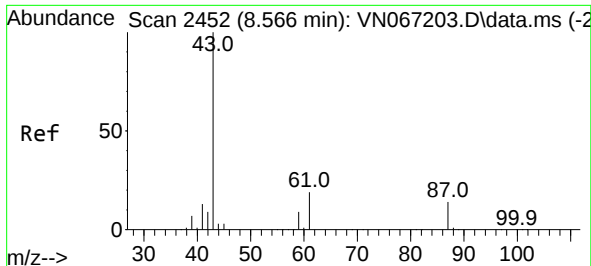
Tgt Ion: 75 Resp: 16906
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.121 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 117 Resp: 21806
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.7 37.1#

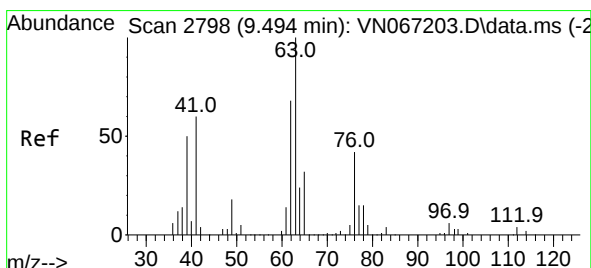
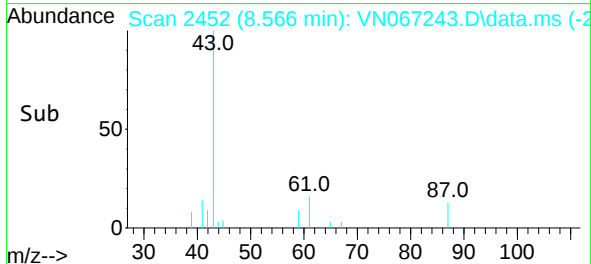
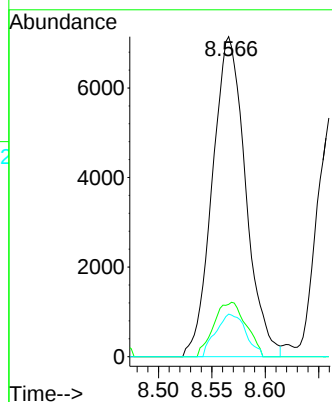
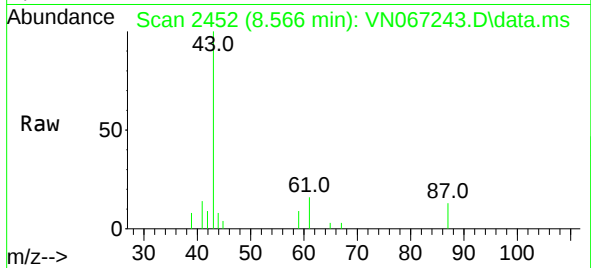




#43
Isopropyl Acetate
Concen: 2.283 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

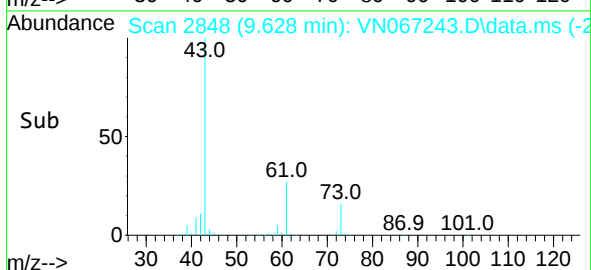
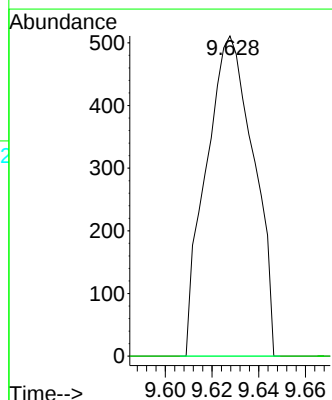
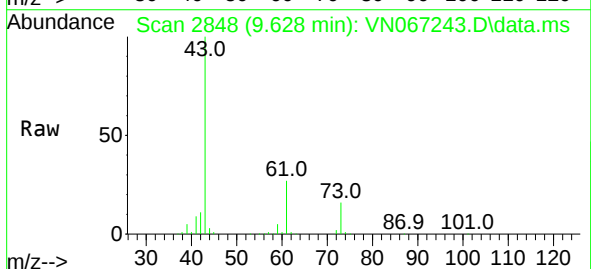
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

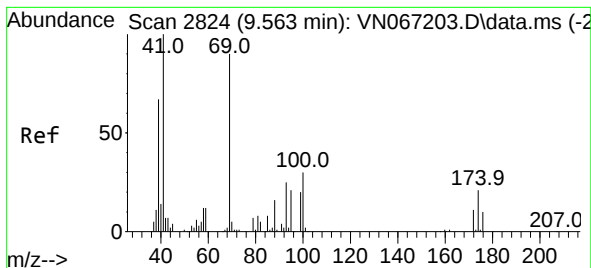
Tgt Ion: 43 Resp: 15444
Ion Ratio Lower Upper
43 100
61 16.6 23.4 35.0#
87 12.0 12.2 18.2#



#45
1,2-Dichloropropane
Concen: 0.253 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.134 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

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





#48

Methyl methacrylate

Concen: 1.186 ug/l

RT: 9.553 min Scan# 2820

Delta R.T. -0.011 min

Lab File: VN067243.D

Acq: 5 Jun 2021 20:20

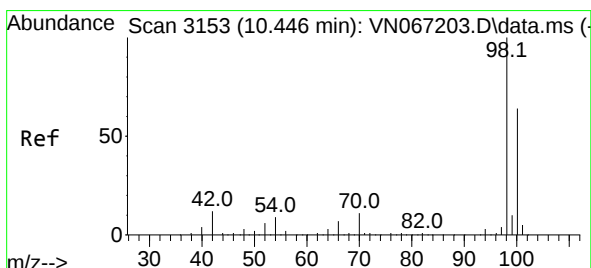
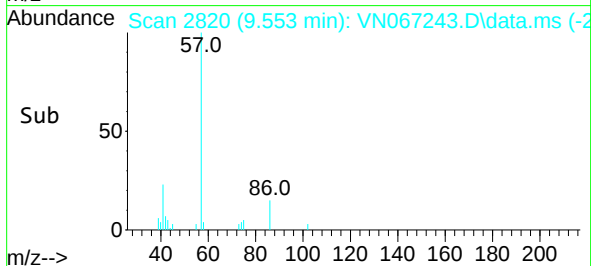
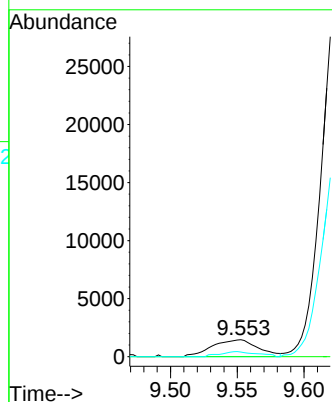
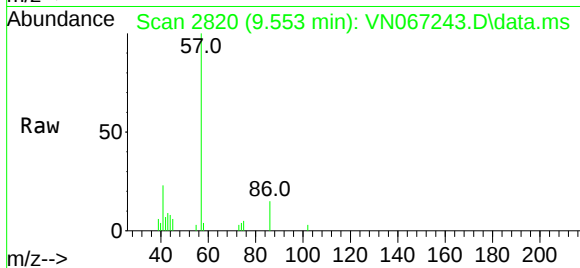
Tgt Ion: 41 Resp: 3476

Ion Ratio Lower Upper

41 100

69 0.0 80.5 120.7#

39 0.0 41.4 62.0#



#50

Toluene-d8

Concen: 52.431 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VN067243.D

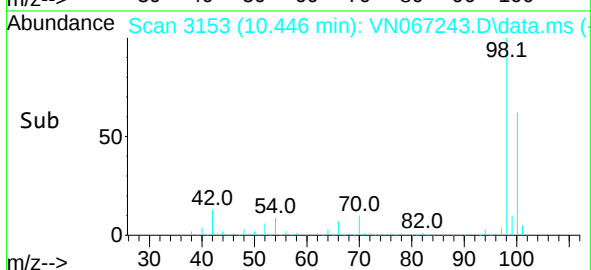
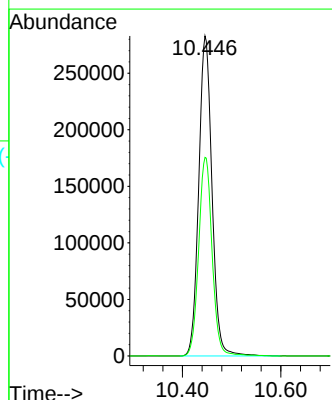
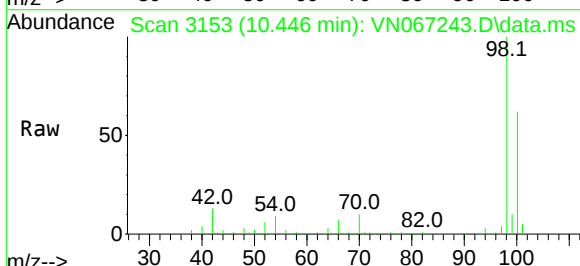
Acq: 5 Jun 2021 20:20

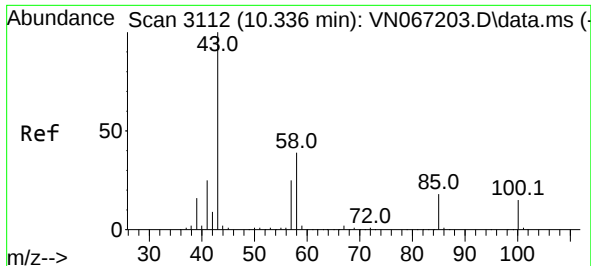
Tgt Ion: 98 Resp: 529000

Ion Ratio Lower Upper

98 100

100 62.9 51.8 77.8

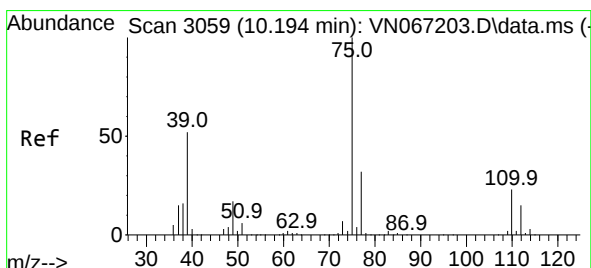
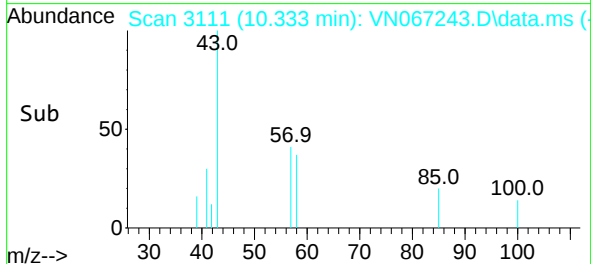
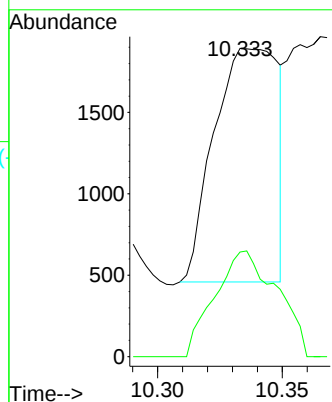
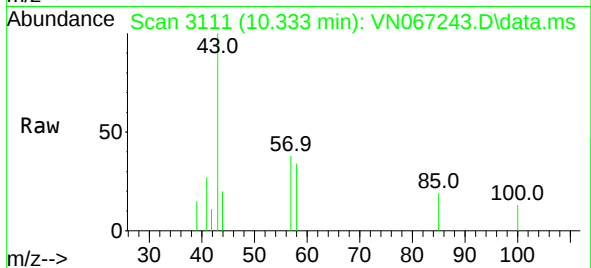




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

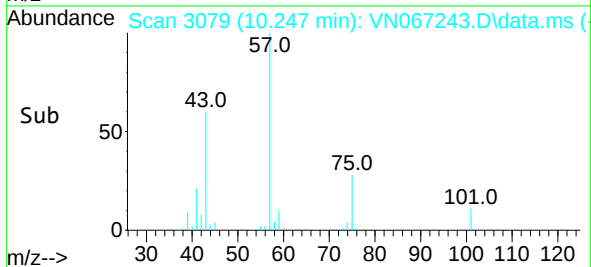
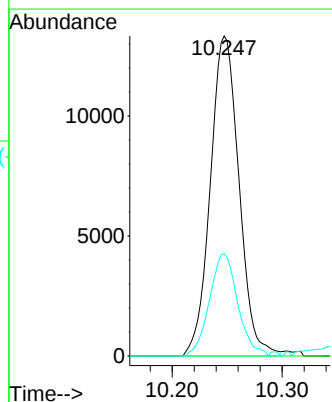
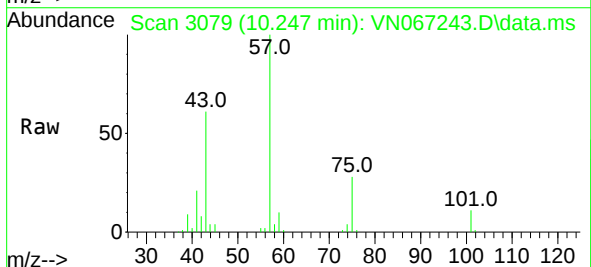
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

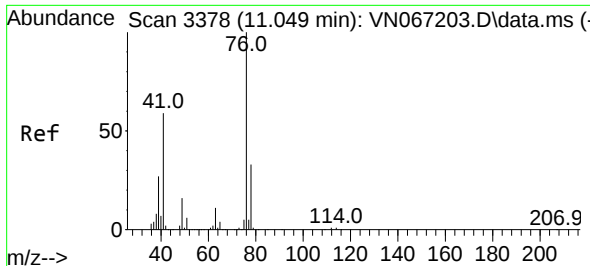
Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 44.3 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 4.935 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.054 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 75 Resp: 24120
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 31.9 30.9 46.3

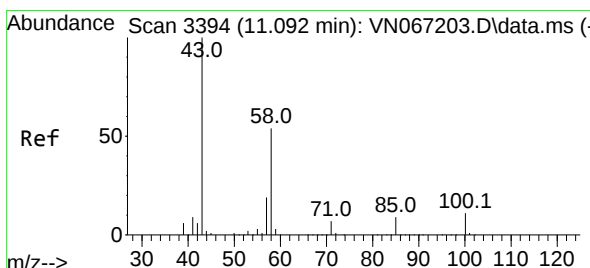
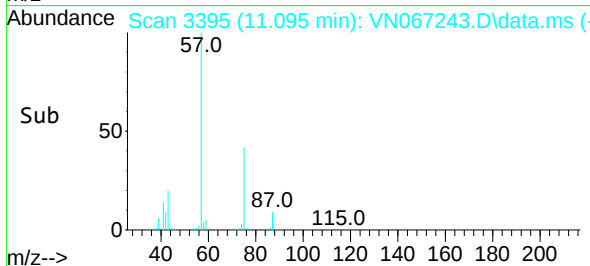
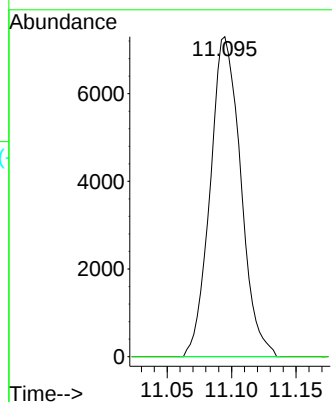
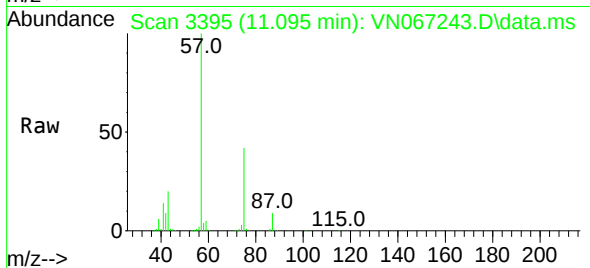




#57
1,3-Dichloropropane
Concen: 2.546 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

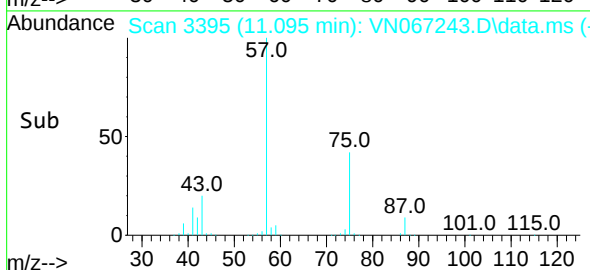
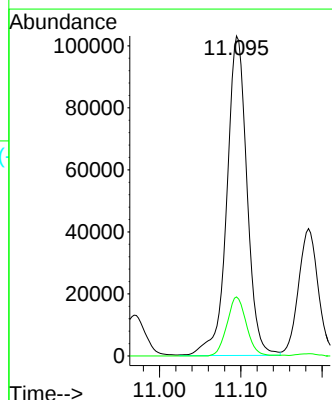
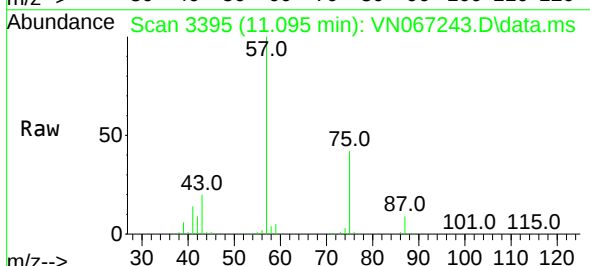
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC5

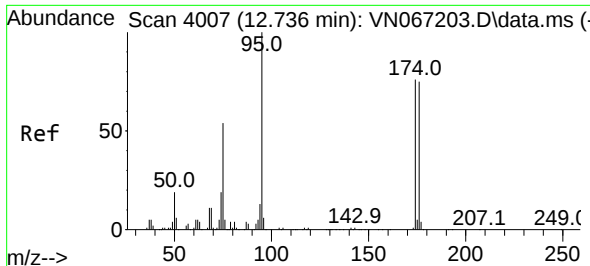
Tgt Ion: 76 Resp: 12031
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 61.656 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 43 Resp: 177651
Ion Ratio Lower Upper
43 100
58 17.8 29.8 89.5#

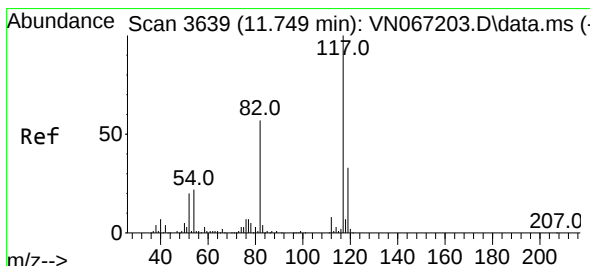
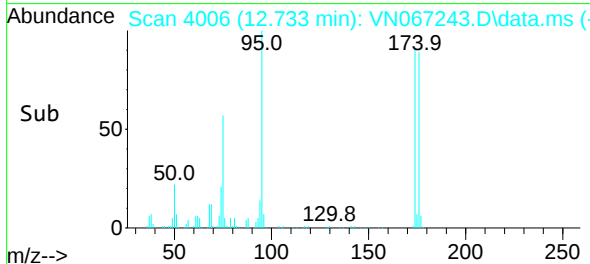
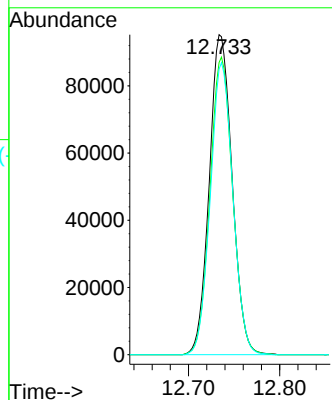
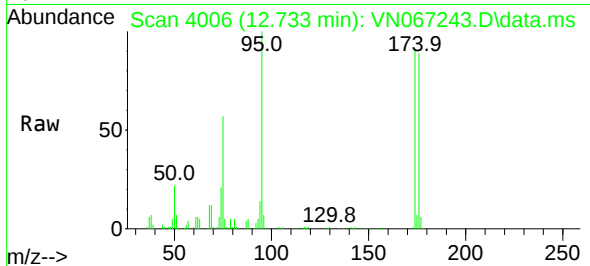




#62
4-Bromofluorobenzene
Concen: 42.754 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

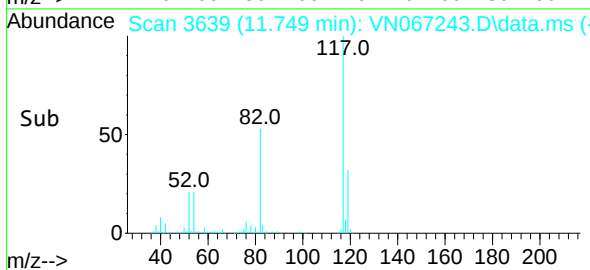
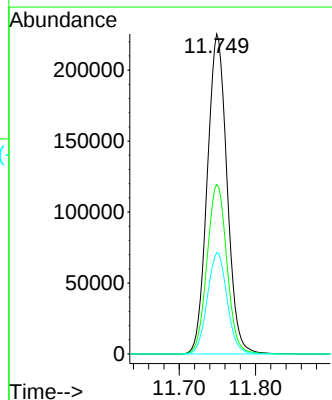
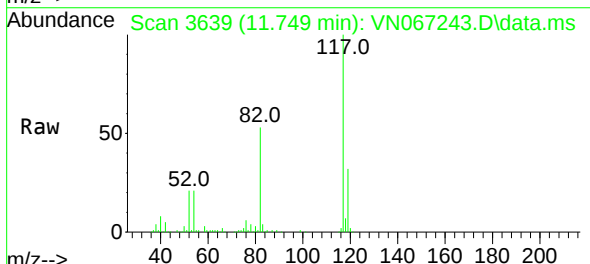
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

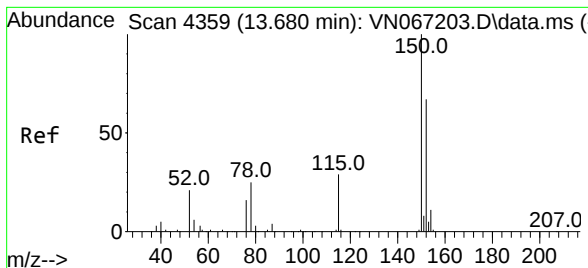
Tgt Ion: 95 Resp: 166139
Ion Ratio Lower Upper
95 100
174 92.1 0.0 182.8
176 89.8 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 117 Resp: 405814
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 31.6 25.8 38.6

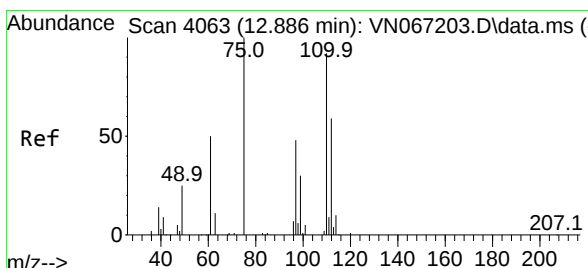
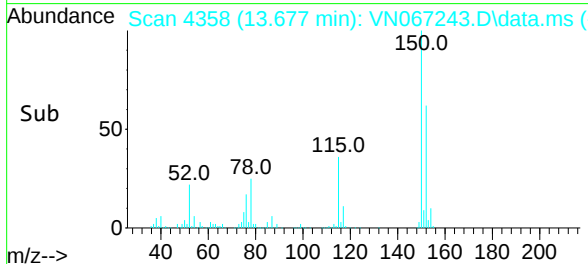
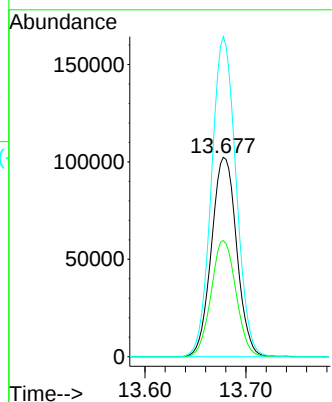
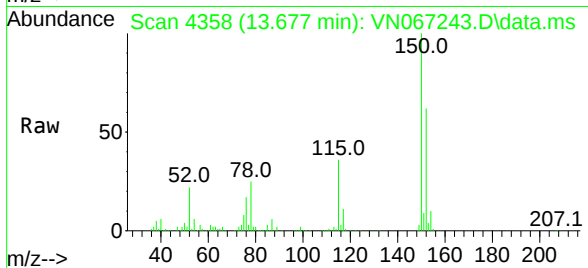




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

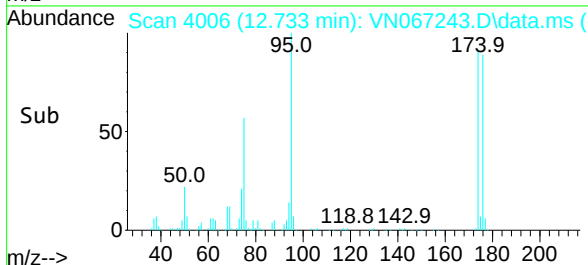
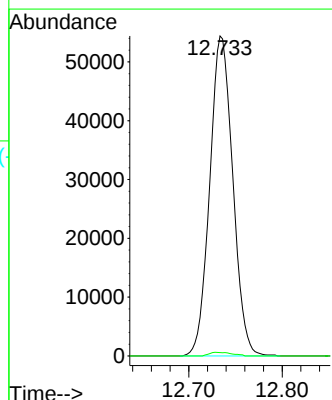
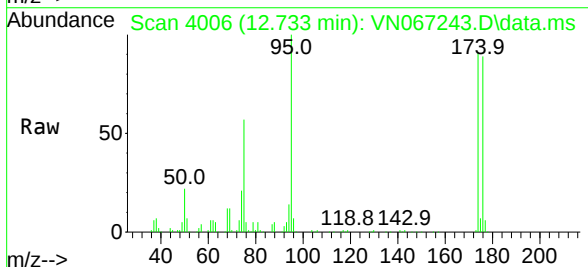
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC5

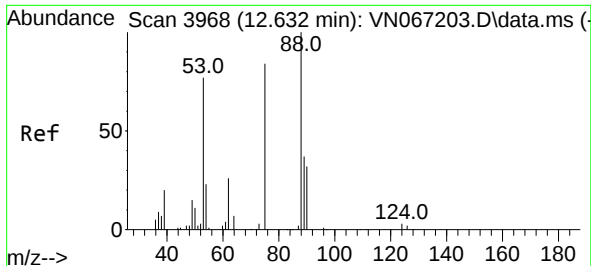
Tgt Ion:152 Resp: 177563
Ion Ratio Lower Upper
152 100
115 57.4 27.0 80.8
150 156.6 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 27.358 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.153 min
Lab File: VN067243.D
Acq: 5 Jun 2021 20:20

Tgt Ion: 75 Resp: 93418
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

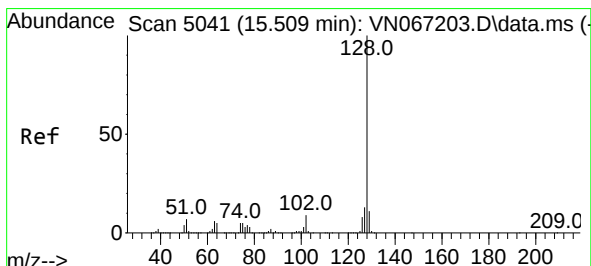
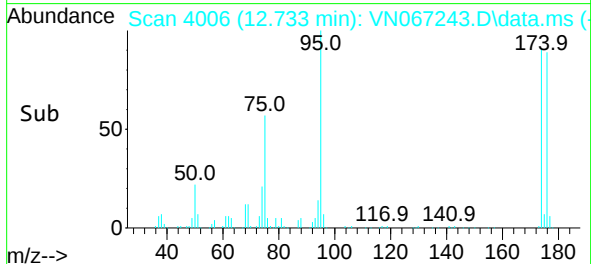
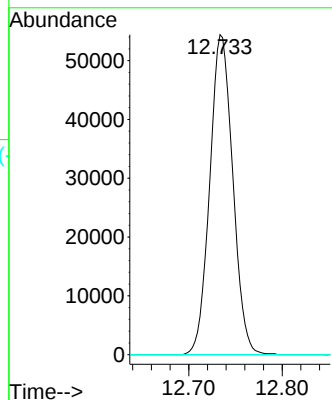
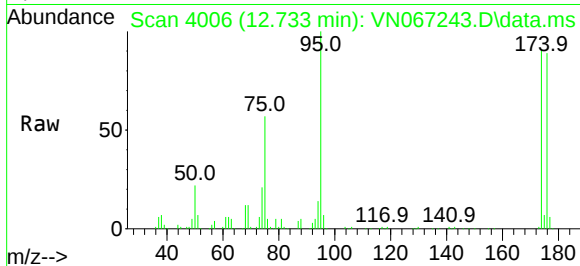




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.937 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.102 min
 Lab File: VN067243.D
 Acq: 5 Jun 2021 20:20

Instrument :
 MSVOA_N
 ClientSampled :
 FAM4-WC5

Tgt Ion: 75 Resp: 93418
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.3 99.5#
 89 0.0 39.5 59.3#



#95
 Naphthalene
 Concen: 4.436 ug/l
 RT: 15.515 min Scan# 5043
 Delta R.T. 0.006 min
 Lab File: VN067243.D
 Acq: 5 Jun 2021 20:20

Tgt Ion:128 Resp: 102
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.6 13.0#

