

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067112.D
 Acq On : 17 May 2021 19:22
 Operator : JC/MD
 Sample : PB136389TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:11:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

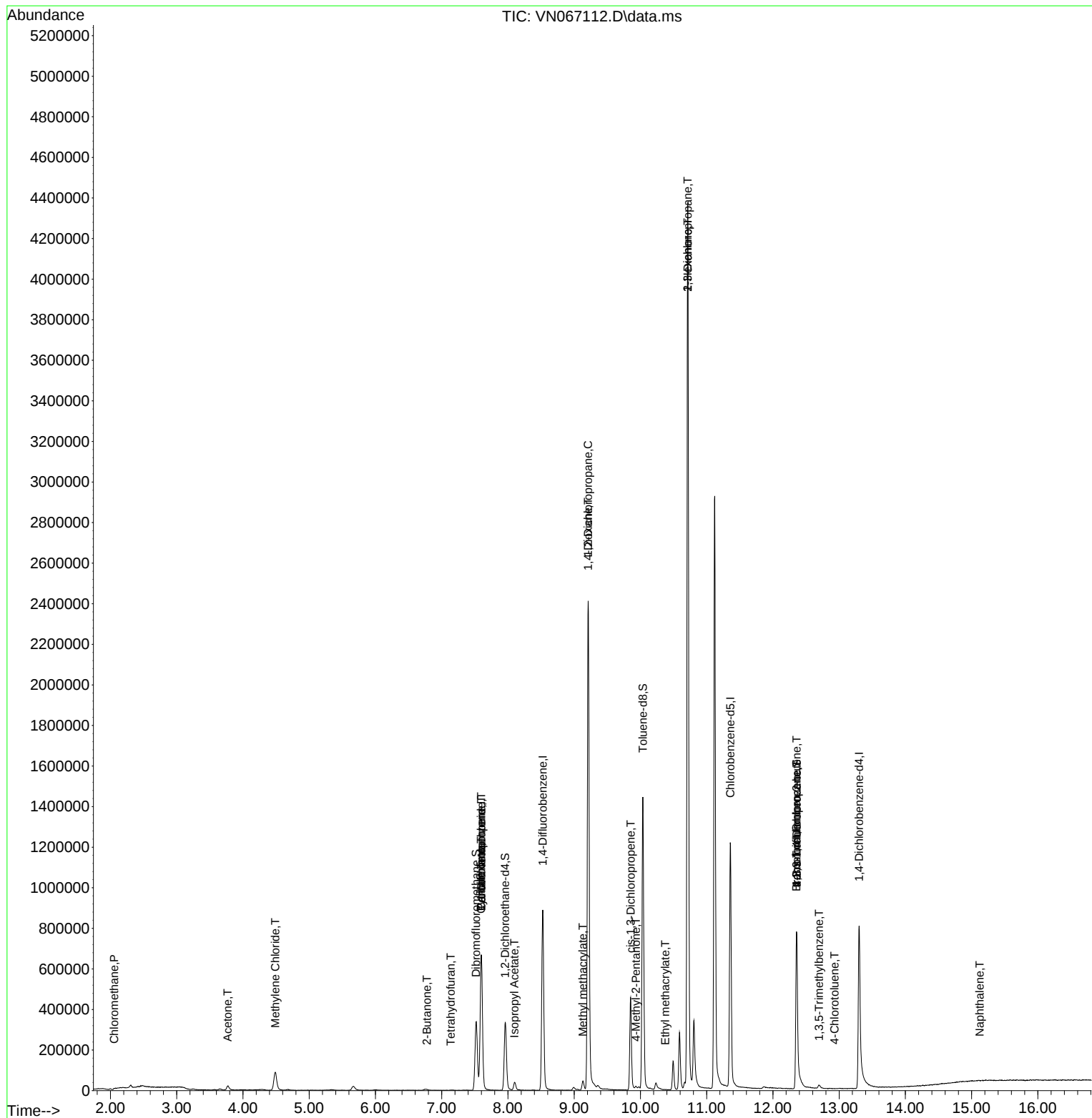
Internal Standards						
1) Pentafluorobenzene	7.600	168	632133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	899787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	804372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	346328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	303408	44.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.86%		
35) Dibromofluoromethane	7.519	113	274828	46.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.04%		
50) Toluene-d8	10.038	98	1074240	47.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.94%		
62) 4-Bromofluorobenzene	12.357	95	343707	45.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.64%		
Target Compounds					Qvalue	
3) Chloromethane	2.053	50	1963	0.28	ug/l	92
13) Acrolein	3.569	56	2099	Below Cal		91
16) Acetone	3.770	43	37083	17.47	ug/l	99
20) Methylene Chloride	4.489	84	76159	11.03	ug/l	98
25) 2-Butanone	6.776	43	4607	1.39	ug/l	99
29) Tetrahydrofuran	7.138	42	646	0.31	ug/l #	50
31) Cyclohexane	7.594	56	9824	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	37835	4.61	ug/l #	47
38) Carbon Tetrachloride	7.600	117	52239	5.98	ug/l #	15
43) Isopropyl Acetate	8.098	43	48874	4.06	ug/l #	90
45) 1,2-Dichloropropane	9.211	63	3338	0.51	ug/l #	45
48) Methyl methacrylate	9.128	41	9015	3.44	ug/l #	9
49) 1,4-Dioxane	9.209	88	429	5.01	ug/l #	1
51) 4-Methyl-2-Pentanone	9.933	43	10812	6.86	ug/l #	80
54) cis-1,3-Dichloropropene	9.852	75	96264	8.91	ug/l #	59
56) Ethyl methacrylate	10.375	69	412	1.98	ug/l #	31
57) 1,3-Dichloropropane	10.713	76	50768	4.96	ug/l #	43
59) 2-Hexanone	10.713	43	609957	141.14	ug/l #	48
71) Bromoform	12.355	173	1553	2.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.357	75	159301	21.80	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.695	105	12307	0.51	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.357	75	159255	65.53	ug/l #	15
82) 4-Chlorotoluene	12.931	91	77	1.18	ug/l	97
95) Naphthalene	15.123	128	1488	3.35	ug/l #	81

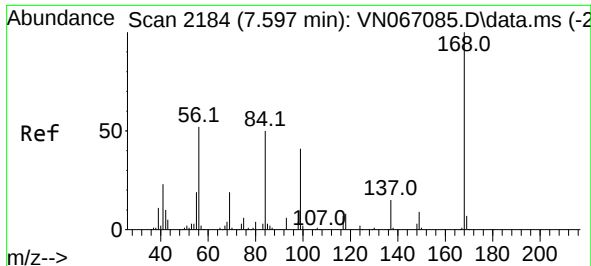
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
Data File : VN067112.D
Acq On : 17 May 2021 19:22
Operator : JC/MD
Sample : PB136389TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 18 04:11:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

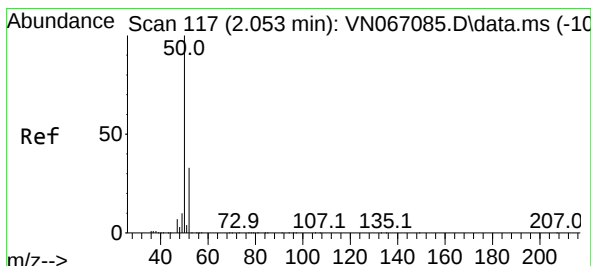
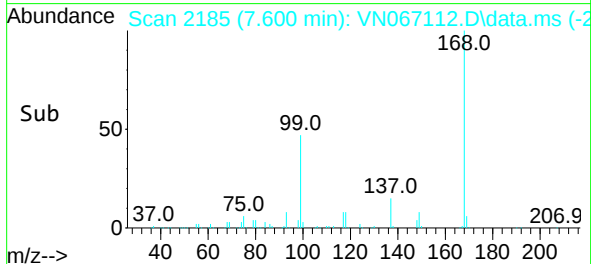
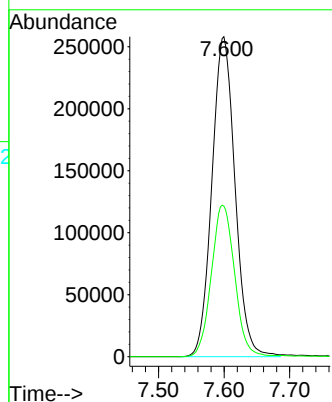
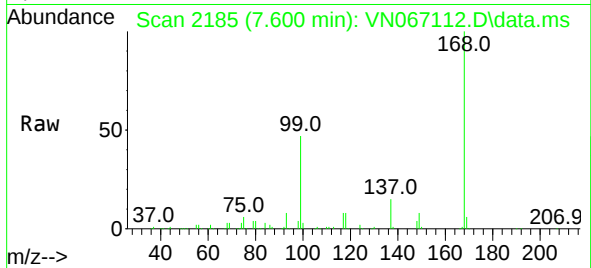




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

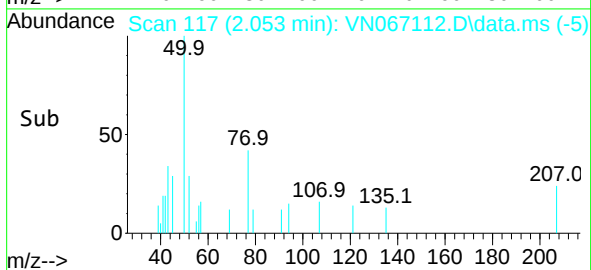
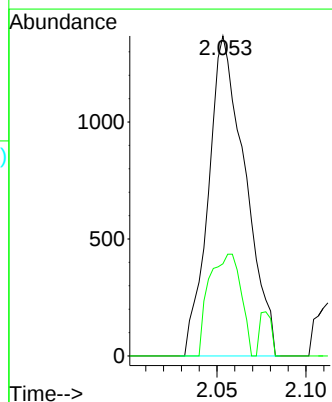
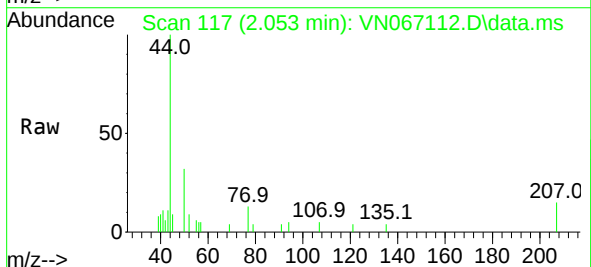
Instrument :
MSVOA_N
ClientSampled :

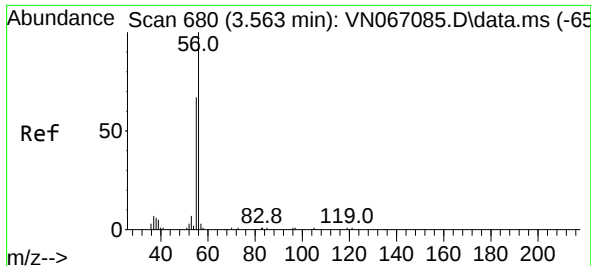
Tgt Ion:168 Resp: 632133
Ion Ratio Lower Upper
168 100
99 47.0 38.5 57.7



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.053 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 50 Resp: 1963
Ion Ratio Lower Upper
50 100
52 28.8 26.5 39.7

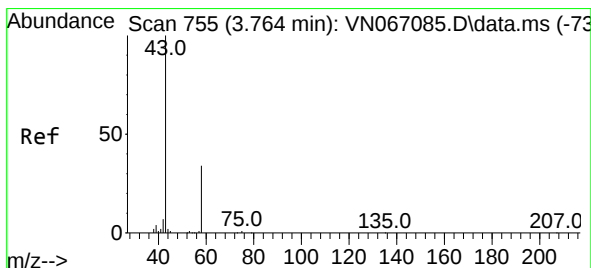
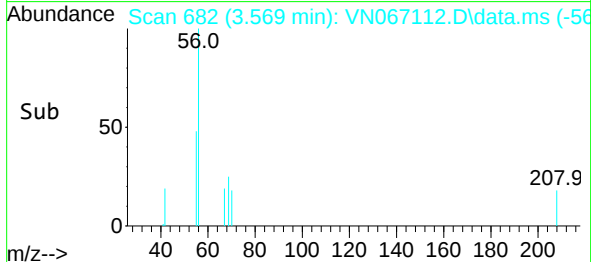
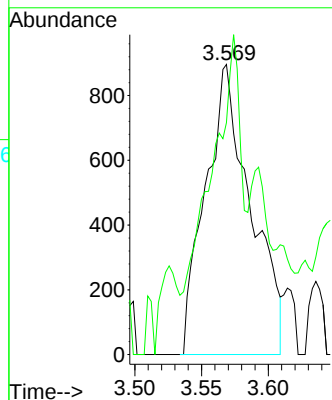
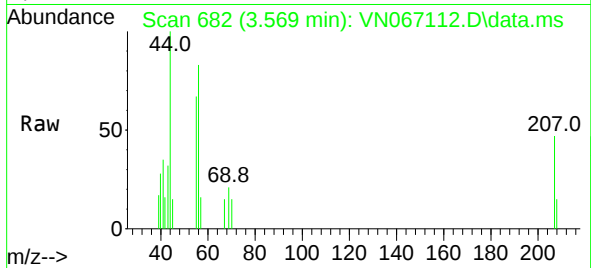




#13
Acrolein
Concen: Below Cal
RT: 3.569 min Scan# 682
Delta R.T. 0.006 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

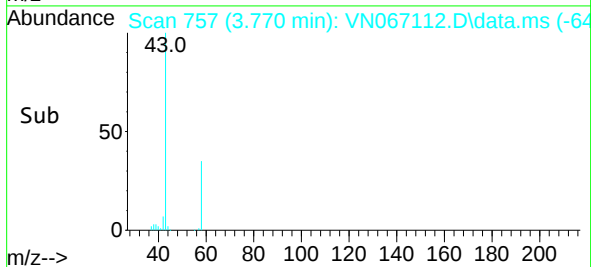
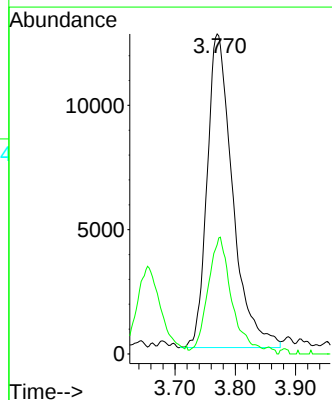
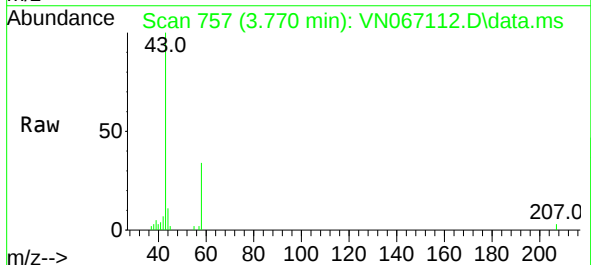
Instrument :
MSVOA_N
ClientSampleId :

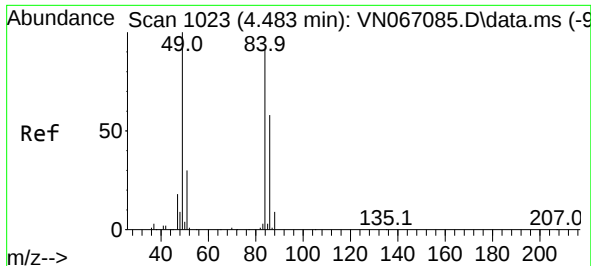
Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
55 60.1 53.8 80.6



#16
Acetone
Concen: 17.47 ug/l
RT: 3.770 min Scan# 757
Delta R.T. 0.006 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

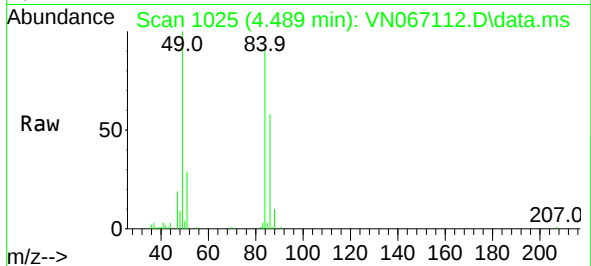
Tgt Ion: 43 Resp: 37083
Ion Ratio Lower Upper
43 100
58 33.7 27.2 40.8



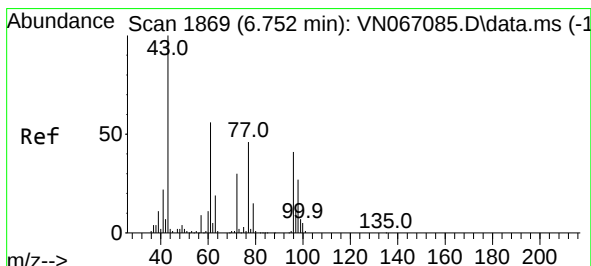
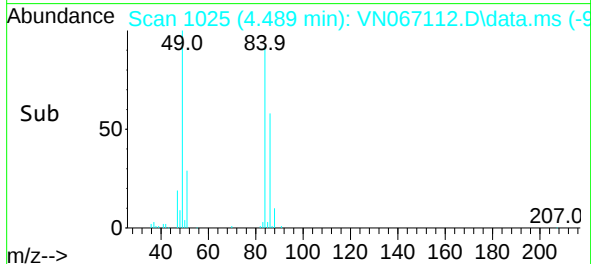
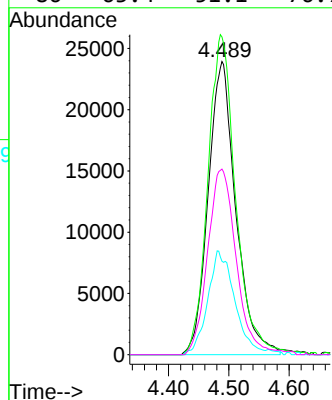


#20
Methylene Chloride
Concen: 11.03 ug/l
RT: 4.489 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_N
ClientSampleId :

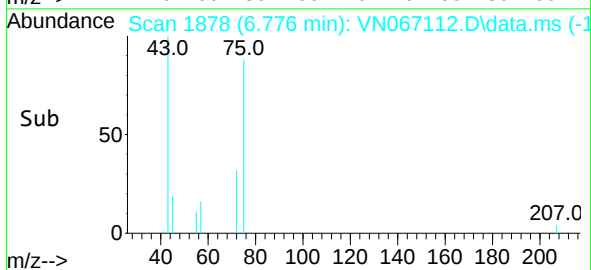
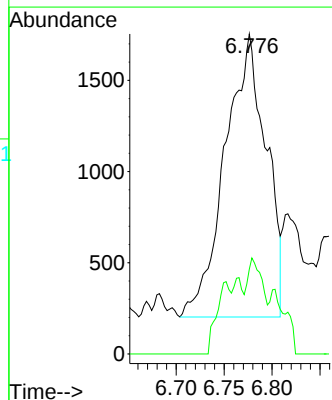
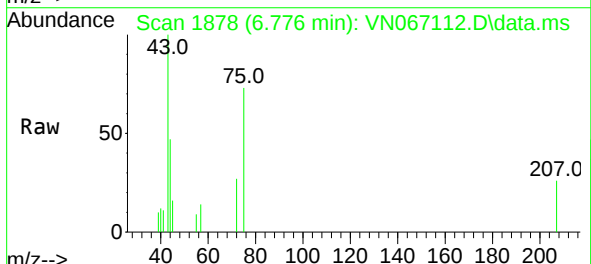


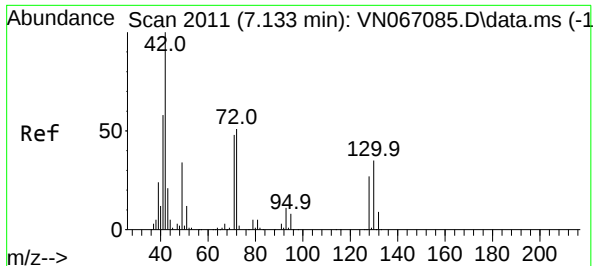
Tgt Ion:	84	Resp:	76159
Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.3	132.5
51	31.9	26.7	40.1
86	63.4	51.1	76.7



#25
2-Butanone
Concen: 1.39 ug/l
RT: 6.776 min Scan# 1878
Delta R.T. 0.024 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion:	43	Resp:	4607
Ion	Ratio	Lower	Upper
43	100		
72	30.0	24.4	36.6

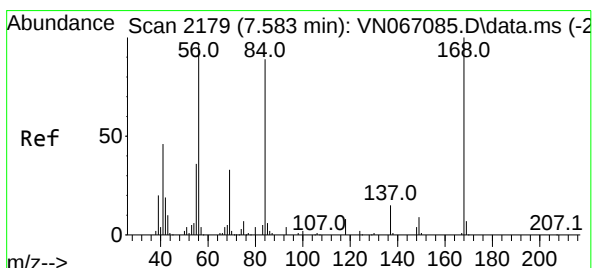
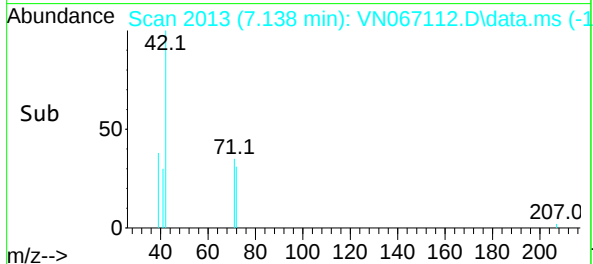
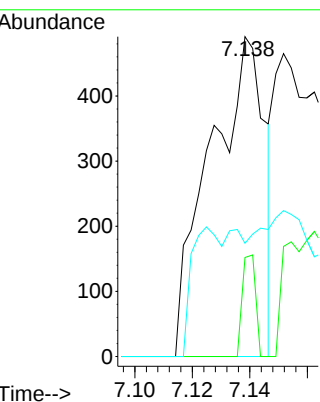
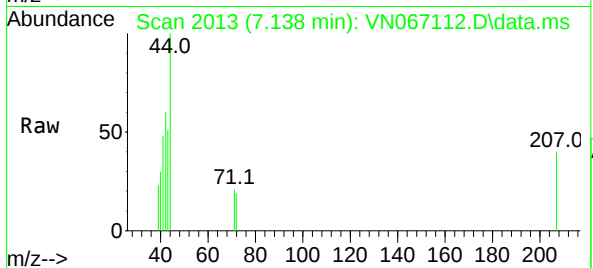




#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 7.138 min Scan# 2013
Delta R.T. 0.005 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

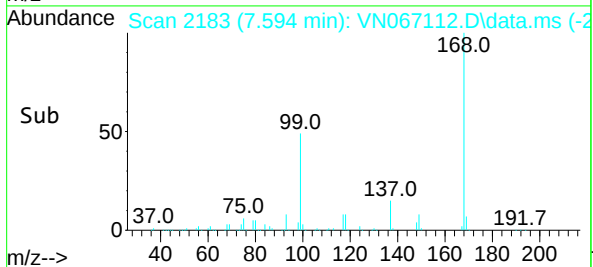
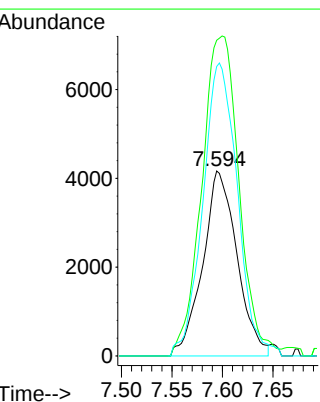
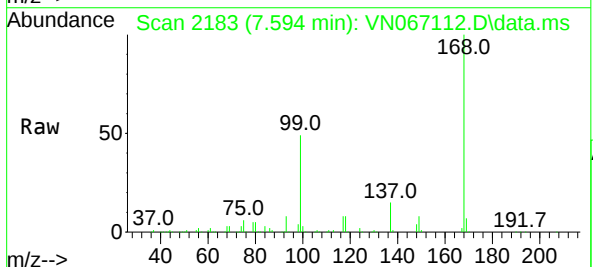
Instrument :
MSVOA_N
ClientSampled :

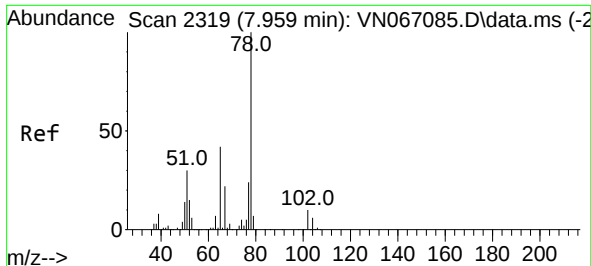
Tgt Ion: 42 Resp: 646
Ion Ratio Lower Upper
42 100
72 7.7 40.1 60.1#
71 22.4 37.9 56.9#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. 0.011 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 56 Resp: 9824
Ion Ratio Lower Upper
56 100
69 170.7 28.0 42.0#
84 156.5 74.2 111.2#

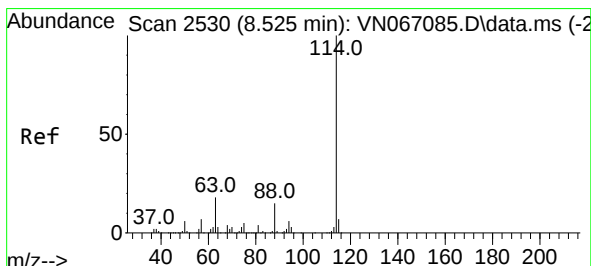
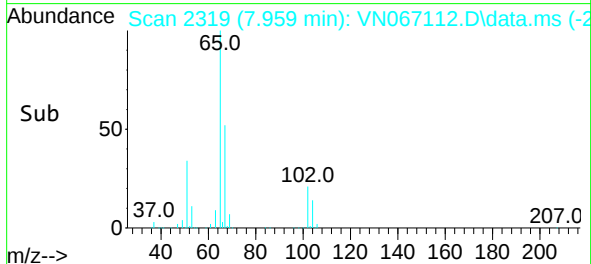
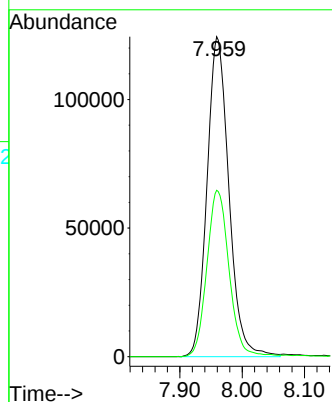
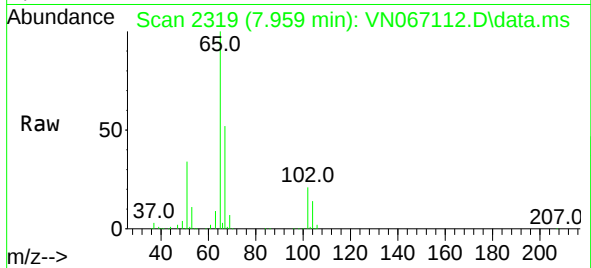




#33
 1,2-Dichloroethane-d4
 Concen: 44.43 ug/l
 RT: 7.959 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: VN067112.D
 Acq: 17 May 2021 19:22

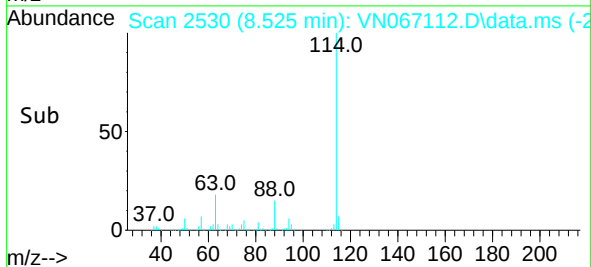
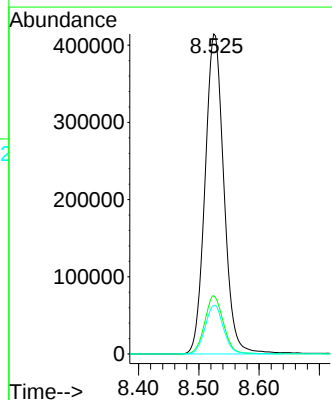
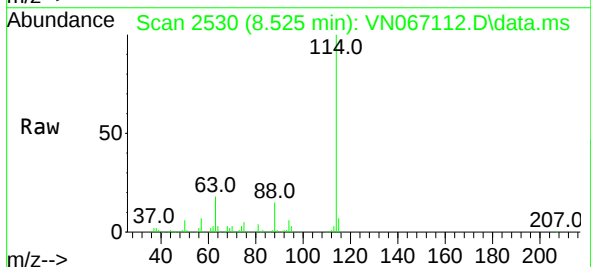
Instrument :
 MSVOA_N
 ClientSampleId :

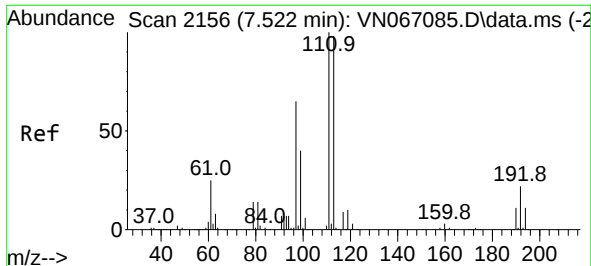
Tgt Ion: 65 Resp: 303408
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.525 min Scan# 2530
 Delta R.T. -0.000 min
 Lab File: VN067112.D
 Acq: 17 May 2021 19:22

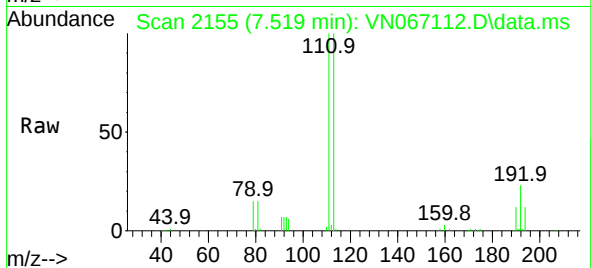
Tgt Ion: 114 Resp: 899787
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 15.2 0.0 30.4



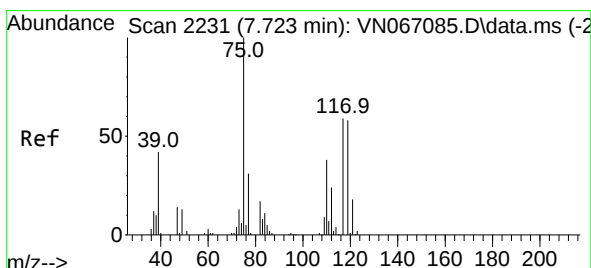
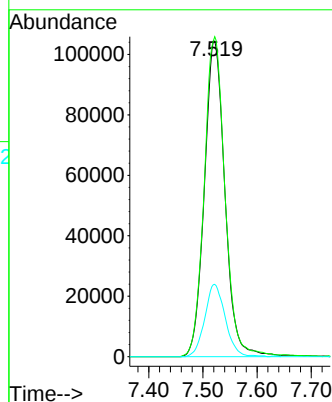
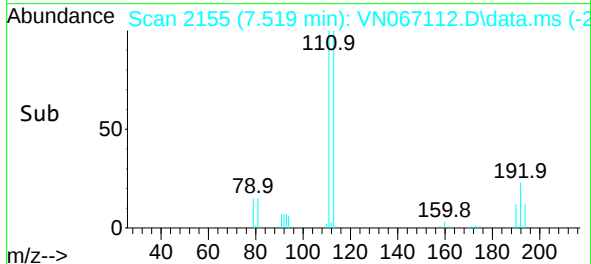


#35
 Dibromofluoromethane
 Concen: 46.52 ug/l
 RT: 7.519 min Scan# 2155
 Delta R.T. -0.003 min
 Lab File: VN067112.D
 Acq: 17 May 2021 19:22

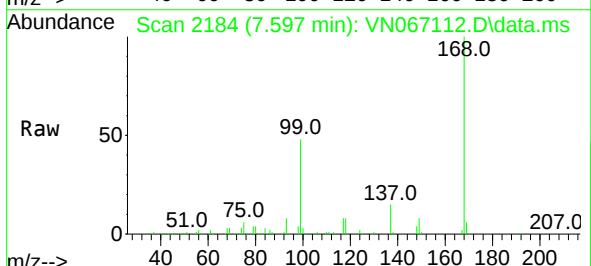
Instrument :
 MSVOA_N
 ClientSampleId :



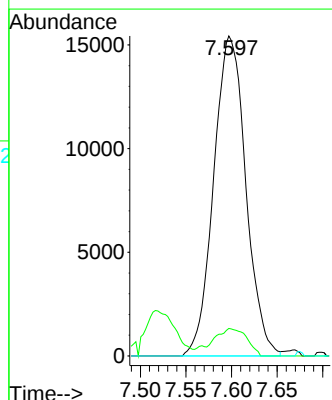
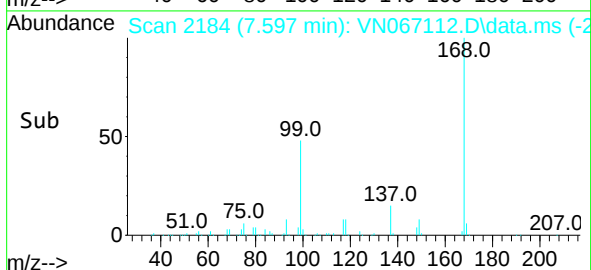
Tgt Ion:113 Resp: 274828
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 124.0
 192 22.8 18.2 27.4

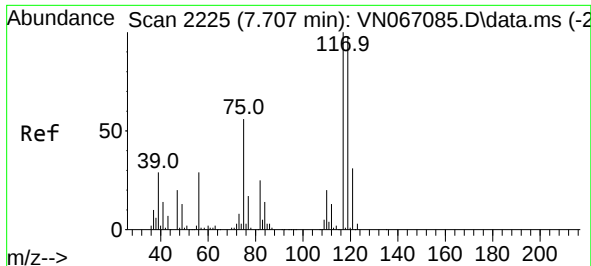


#36
 1,1-Dichloropropene
 Concen: 4.61 ug/l
 RT: 7.597 min Scan# 2184
 Delta R.T. -0.126 min
 Lab File: VN067112.D
 Acq: 17 May 2021 19:22



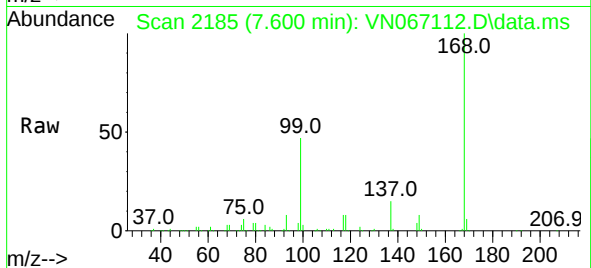
Tgt Ion: 75 Resp: 37835
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.1 57.3#
 77 0.0 24.8 37.2#



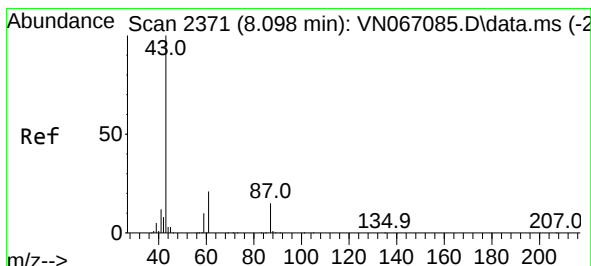
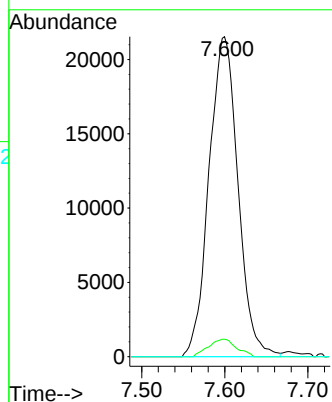
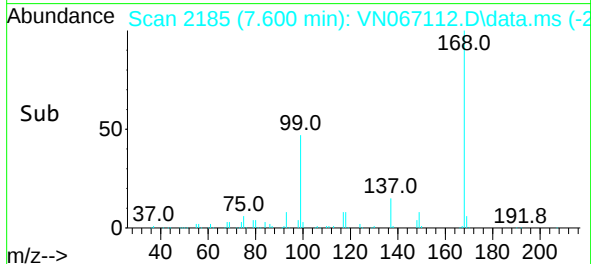


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

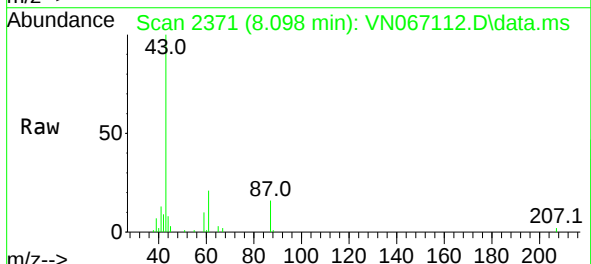
Instrument :
MSVOA_N
ClientSampled :



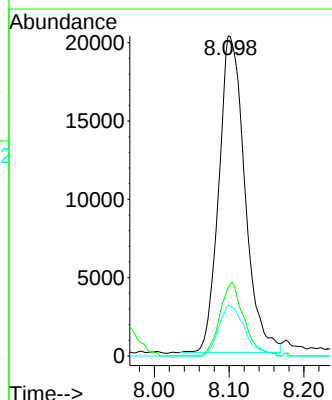
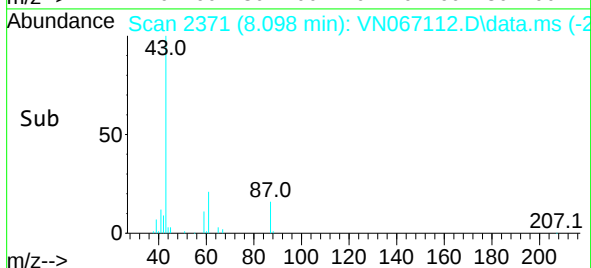
Tgt Ion:117 Resp: 52239
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.7 37.1#

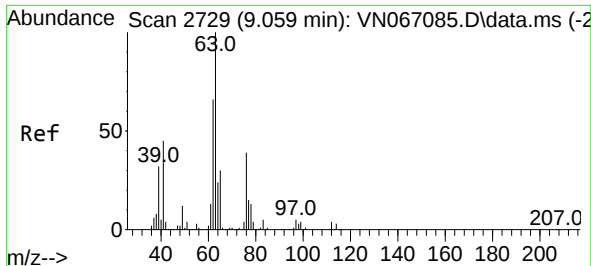


#43
Isopropyl Acetate
Concen: 4.06 ug/l
RT: 8.098 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22



Tgt Ion: 43 Resp: 48874
Ion Ratio Lower Upper
43 100
61 21.5 23.4 35.0#
87 16.0 12.2 18.2

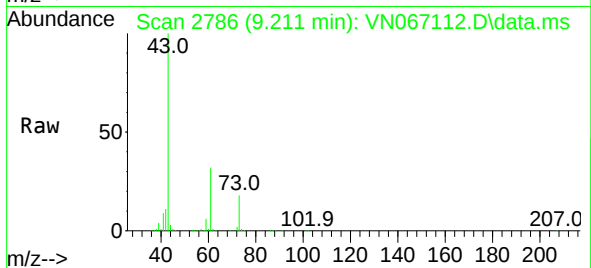




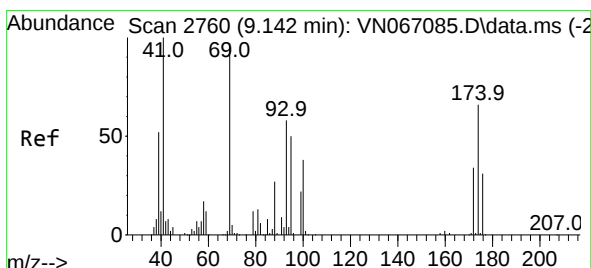
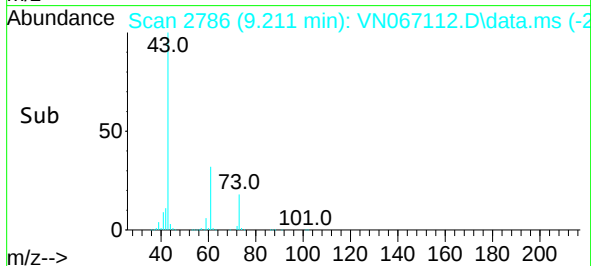
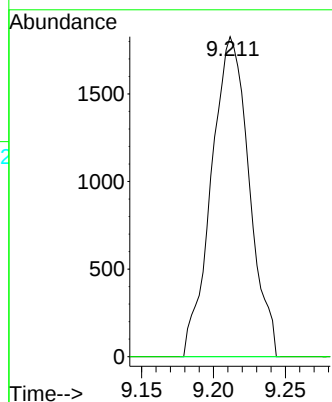
#45

1,2-Dichloropropane
Concen: 0.51 ug/l
RT: 9.211 min Scan# 2786
Delta R.T. 0.152 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_N
ClientSampled :



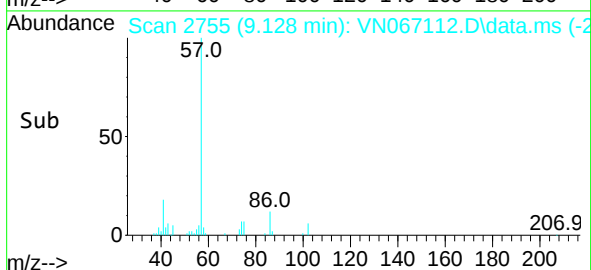
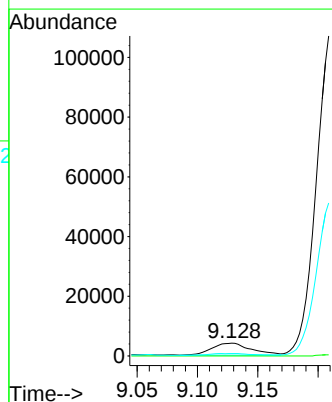
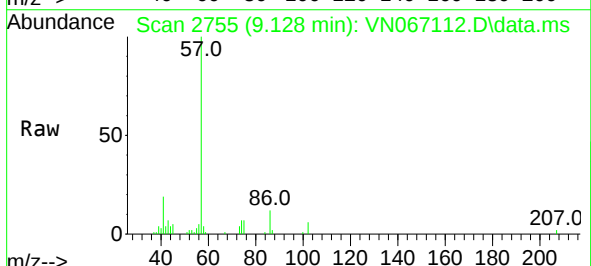
Tgt Ion: 63 Resp: 3338
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#

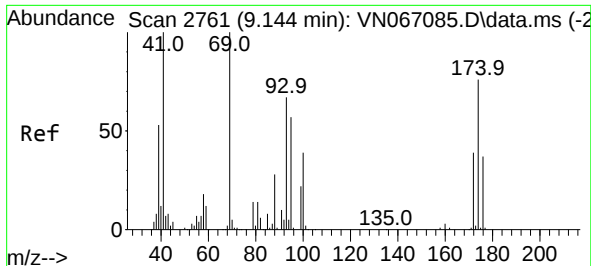


#48

Methyl methacrylate
Concen: 3.44 ug/l
RT: 9.128 min Scan# 2755
Delta R.T. -0.014 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

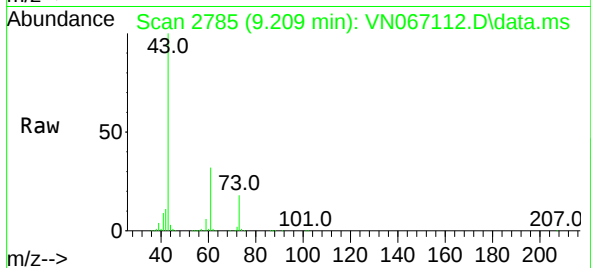
Tgt Ion: 41 Resp: 9015
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



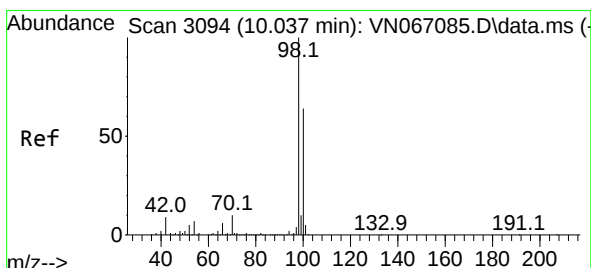
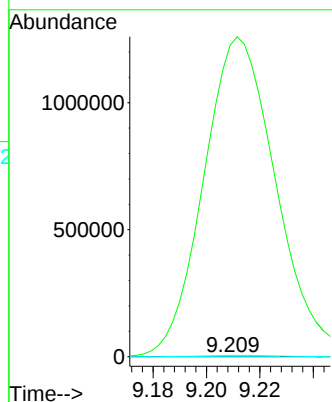
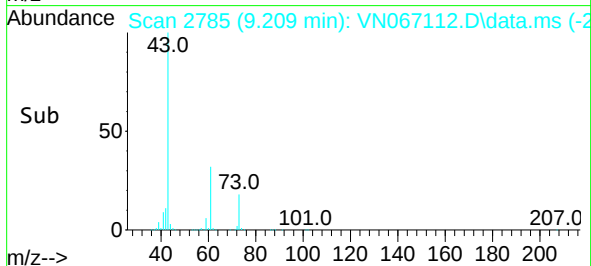


#49
1,4-Dioxane
Concen: 5.01 ug/l
RT: 9.209 min Scan# 2785
Delta R.T. 0.065 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

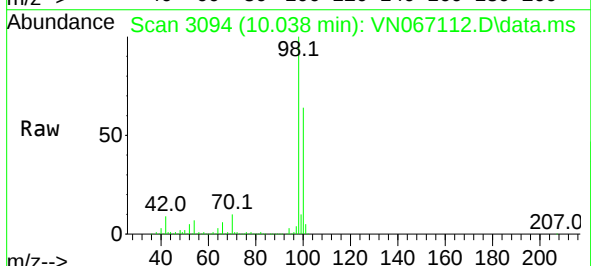
Instrument :
MSVOA_N
ClientSampled :



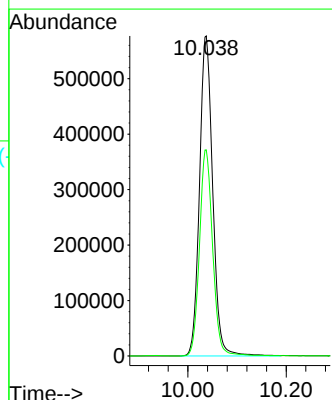
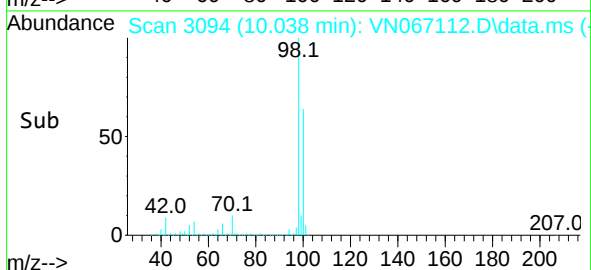
Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 574914.2 21.8 32.8#
58 2281.8 50.8 76.2#

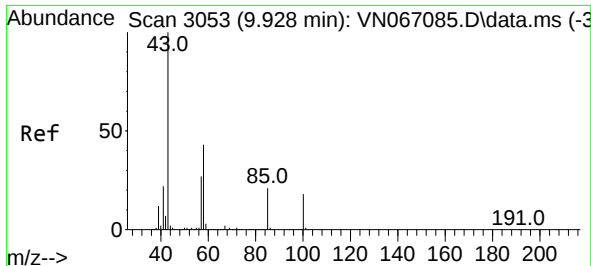


#50
Toluene-d8
Concen: 47.97 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22



Tgt Ion: 98 Resp: 1074240
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

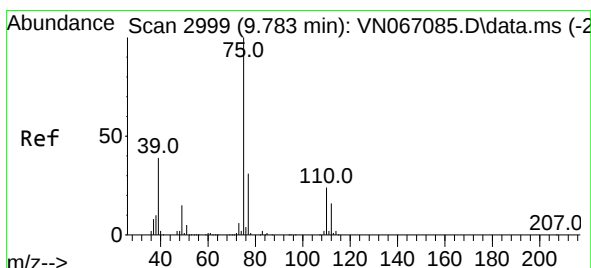
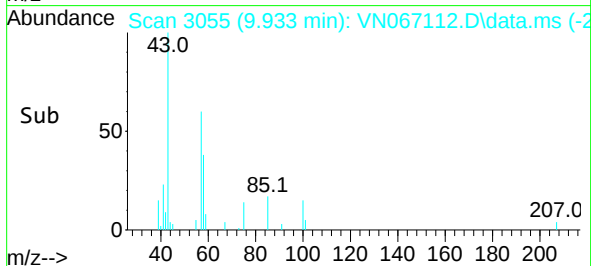
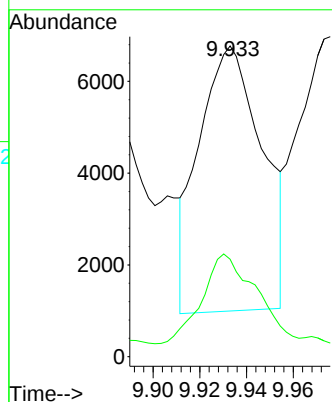
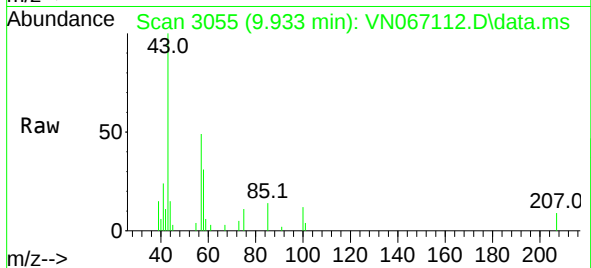




#51
4-Methyl-2-Pentanone
Concen: 6.86 ug/l
RT: 9.933 min Scan# 3055
Delta R.T. 0.005 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

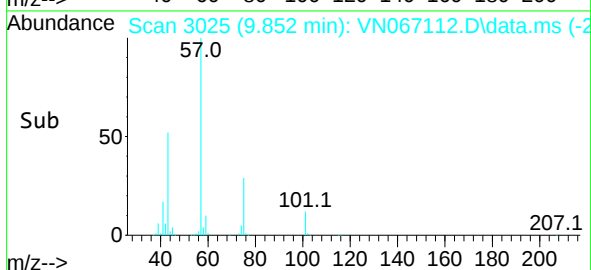
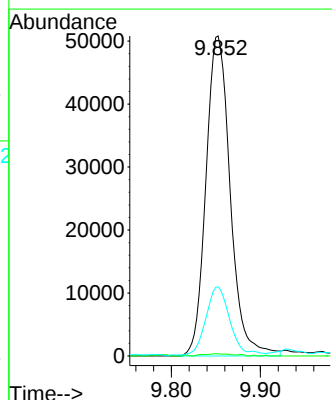
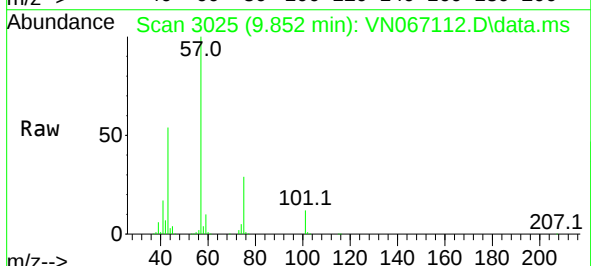
Instrument :
MSVOA_N
ClientSampleId :

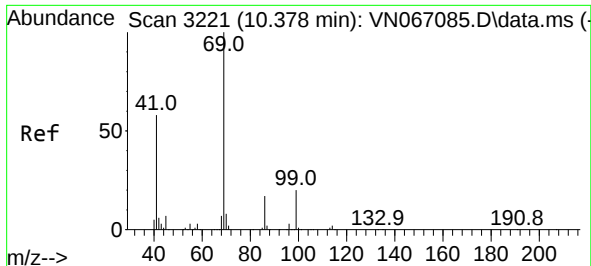
Tgt Ion: 43 Resp: 10812
Ion Ratio Lower Upper
43 100
58 30.0 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 8.91 ug/l
RT: 9.852 min Scan# 3025
Delta R.T. 0.069 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 75 Resp: 96264
Ion Ratio Lower Upper
75 100
77 0.7 25.1 37.7#
39 21.3 30.9 46.3#

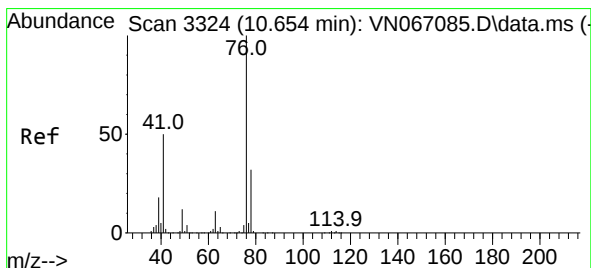
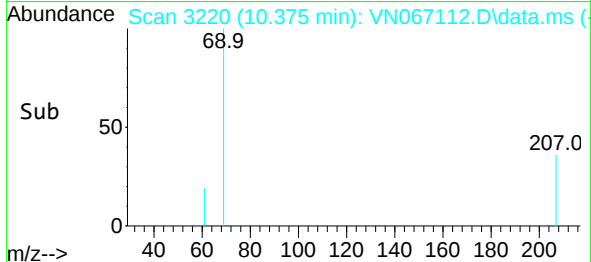
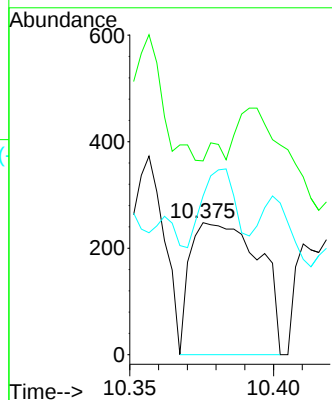
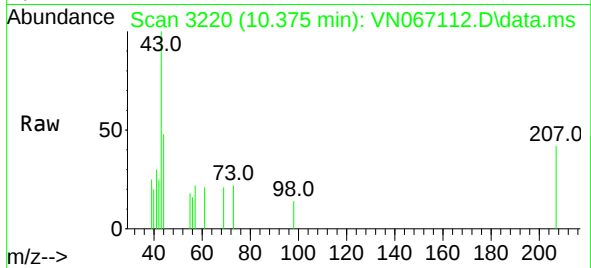




#56
Ethyl methacrylate
Concen: 1.98 ug/l
RT: 10.375 min Scan# 3220
Delta R.T. -0.003 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

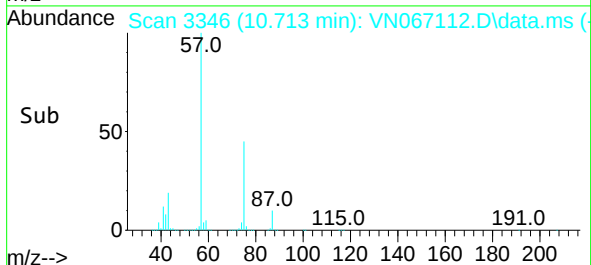
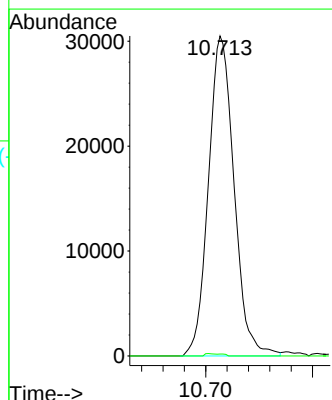
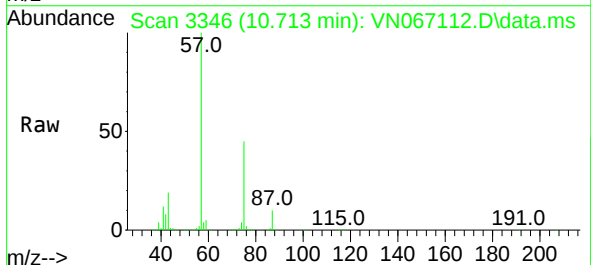
Instrument :
MSVOA_N
ClientSampled :

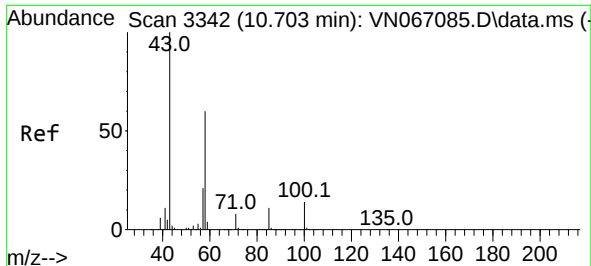
Tgt Ion: 69 Resp: 412
Ion Ratio Lower Upper
69 100
41 0.0 45.5 68.3#
39 0.0 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 4.96 ug/l
RT: 10.713 min Scan# 3346
Delta R.T. 0.059 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 76 Resp: 50768
Ion Ratio Lower Upper
76 100
78 0.5 26.3 39.5#

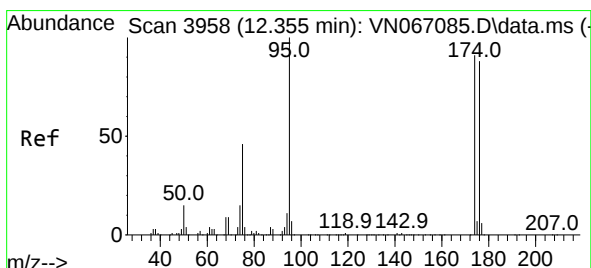
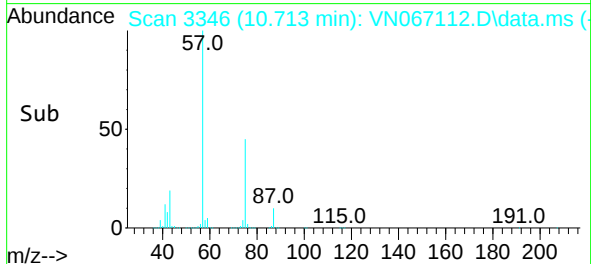
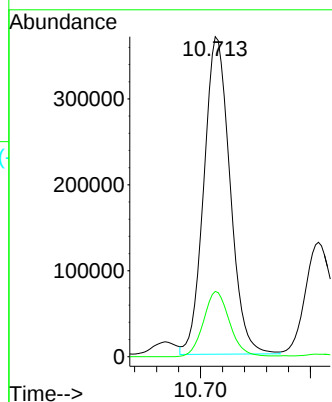
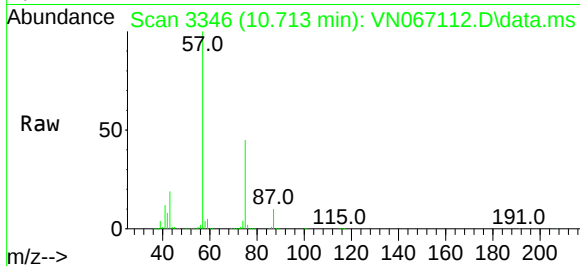




#59
2-Hexanone
Concen: 141.14 ug/l
RT: 10.713 min Scan# 3346
Delta R.T. 0.010 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

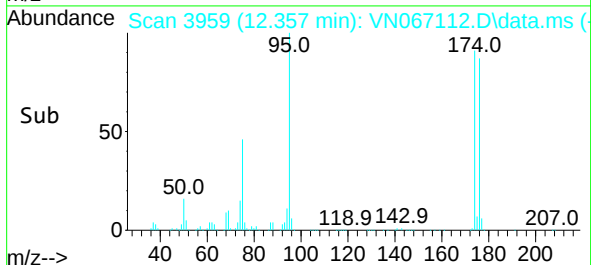
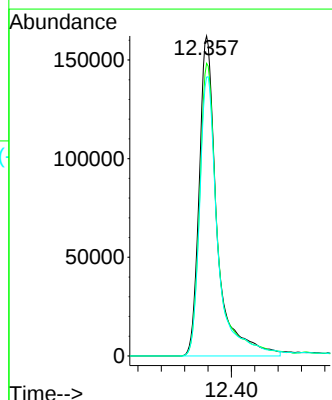
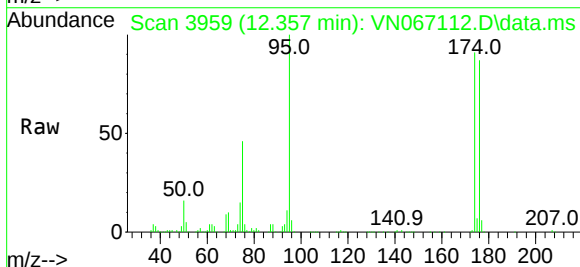
Instrument :
MSVOA_N
ClientSampleId :

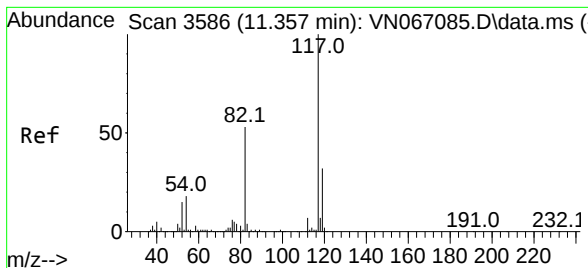
Tgt Ion: 43 Resp: 609957
Ion Ratio Lower Upper
43 100
58 20.7 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 45.82 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 95 Resp: 343707
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.8
176 89.5 0.0 176.6

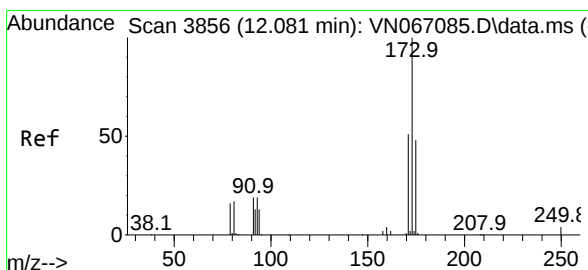
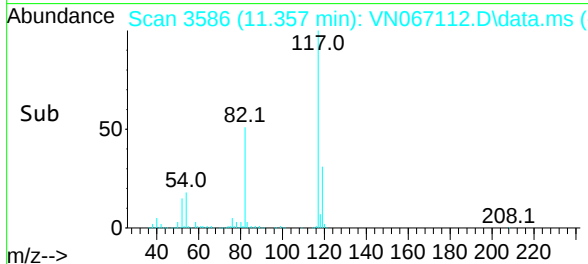
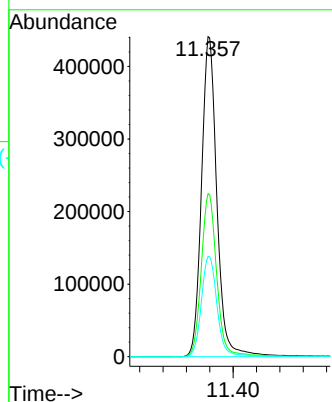
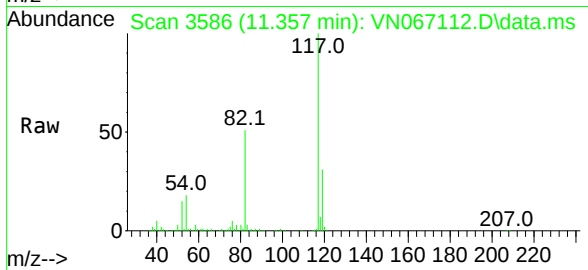




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

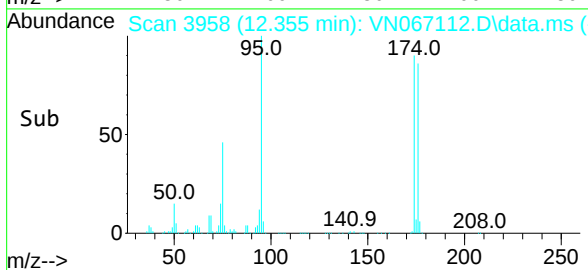
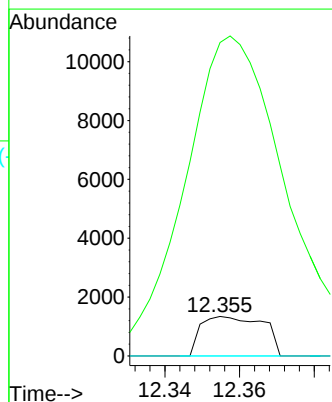
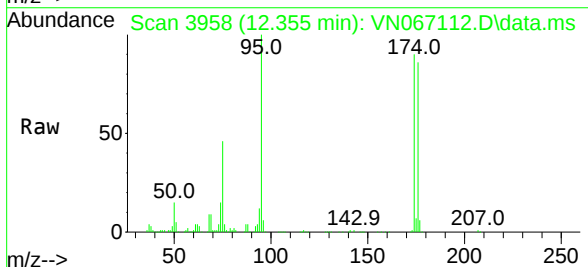
Instrument :
MSVOA_N
ClientSampled :

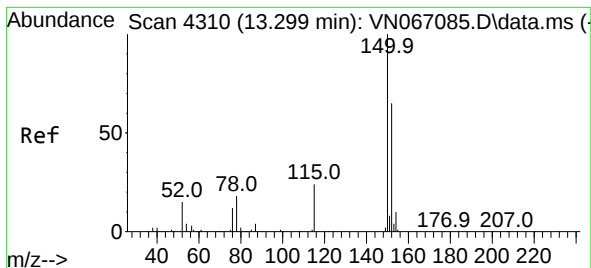
Tgt Ion:117 Resp: 804372
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.3 25.8 38.6



#71
Bromoform
Concen: 2.01 ug/l
RT: 12.355 min Scan# 3958
Delta R.T. 0.274 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion:173 Resp: 1553
Ion Ratio Lower Upper
173 100
175 1103.9 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.301 min Scan# 4311

Delta R.T. 0.002 min

Lab File: VN067112.D

Acq: 17 May 2021 19:22

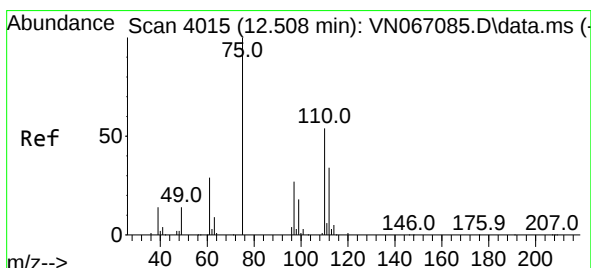
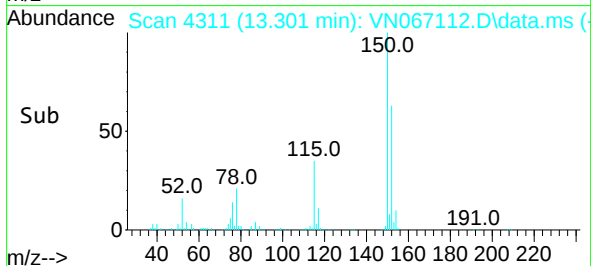
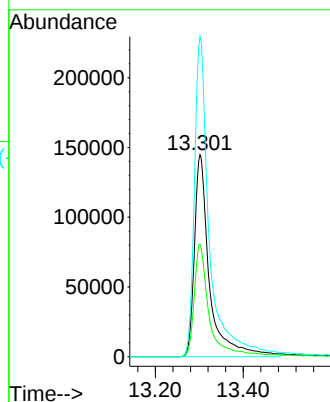
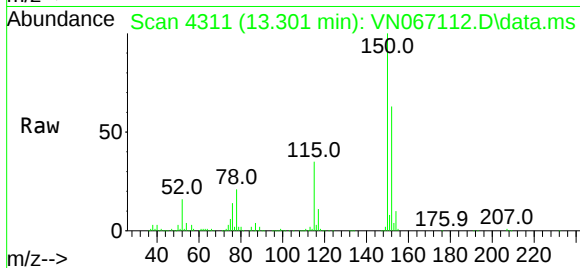
Tgt Ion:152 Resp: 346328

Ion Ratio Lower Upper

152 100

115 54.7 27.0 80.8

150 155.6 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 21.80 ug/l

RT: 12.357 min Scan# 3959

Delta R.T. -0.151 min

Lab File: VN067112.D

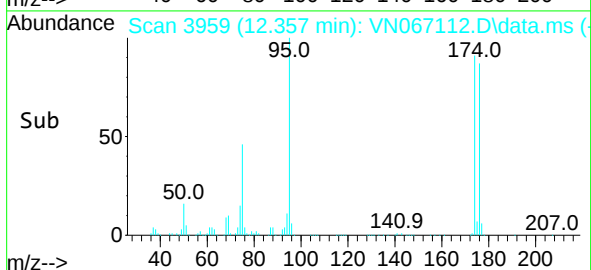
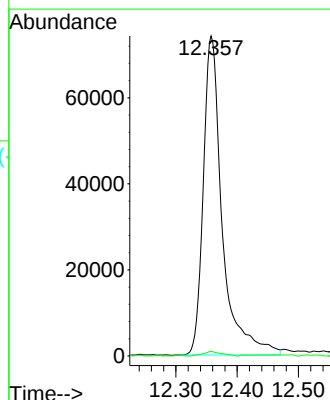
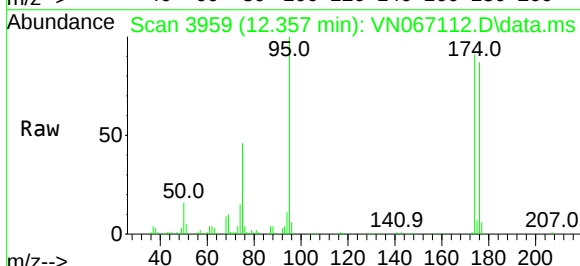
Acq: 17 May 2021 19:22

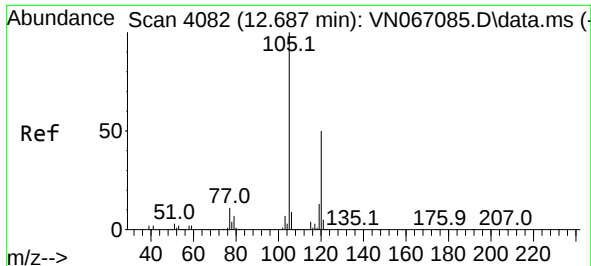
Tgt Ion: 75 Resp: 159301

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

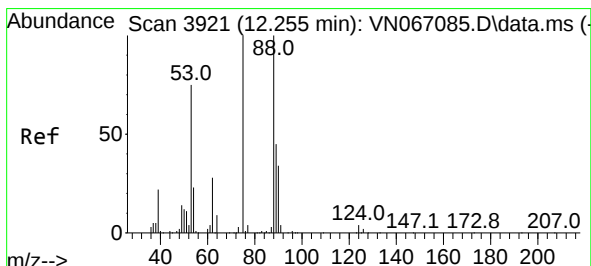
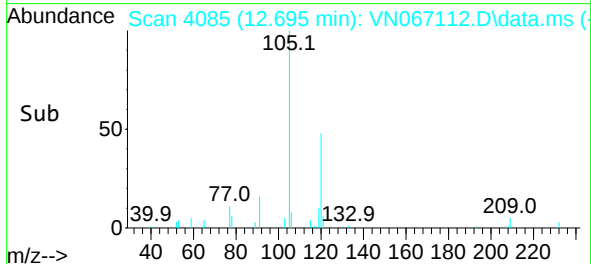
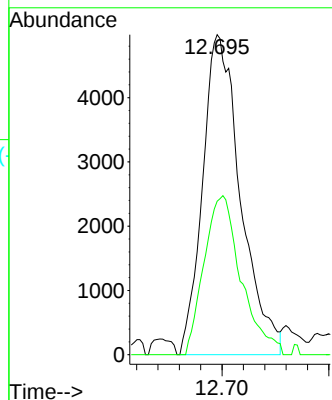
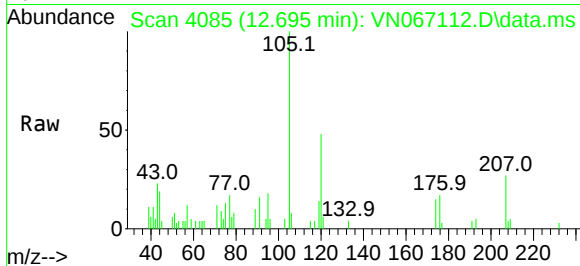




#80
1,3,5-Trimethylbenzene
Concen: 0.51 ug/l
RT: 12.695 min Scan# 4085
Delta R.T. 0.008 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

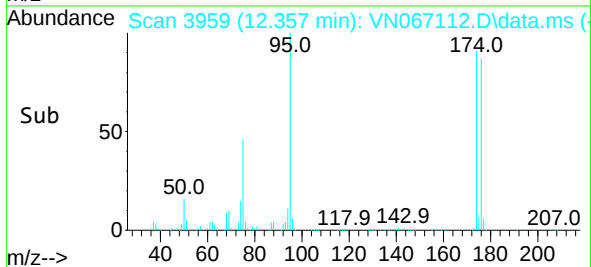
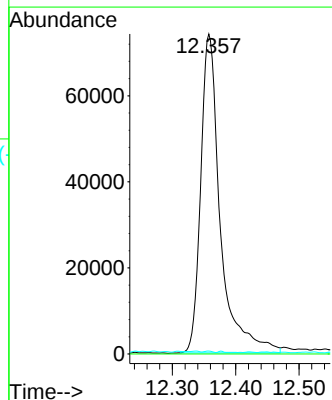
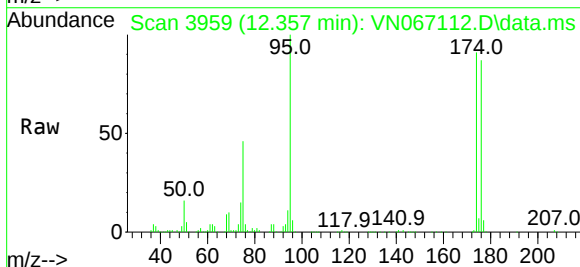
Instrument :
MSVOA_N
ClientSampleId :

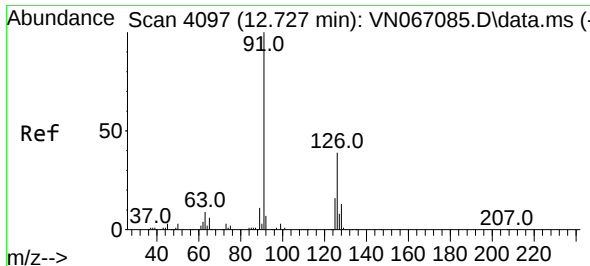
Tgt Ion:105 Resp: 12307
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 65.53 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 75 Resp: 159255
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.2 39.5 59.3#

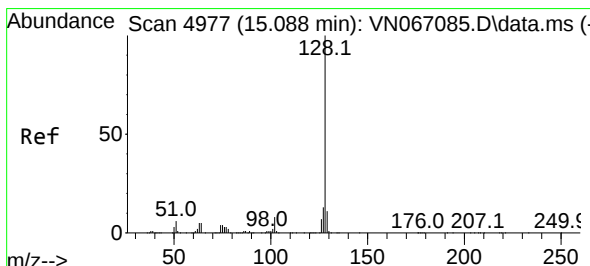
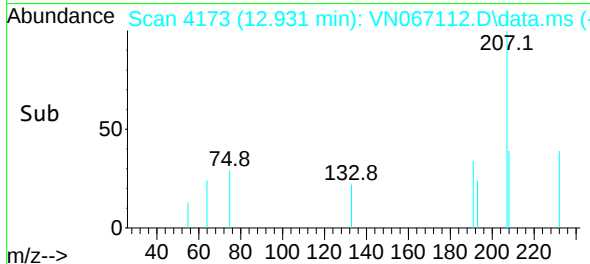
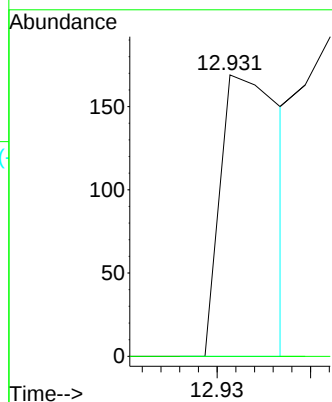
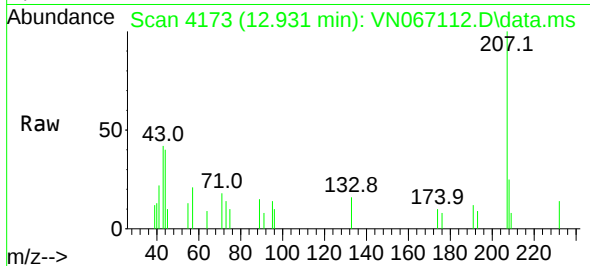




#82
4-Chlorotoluene
Concen: 1.18 ug/l
RT: 12.931 min Scan# 4173
Delta R.T. 0.204 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 77
Ion Ratio Lower Upper
91 100
126 33.8 17.7 53.1



#95
Naphthalene
Concen: 3.35 ug/l
RT: 15.123 min Scan# 4990
Delta R.T. 0.035 min
Lab File: VN067112.D
Acq: 17 May 2021 19:22

Tgt Ion: 128 Resp: 1488
Ion Ratio Lower Upper
128 100
127 1.7 10.2 15.2#
129 7.3 8.6 13.0#

