

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067108.D
 Acq On : 17 May 2021 17:47
 Operator : JC/MD
 Sample : M2387-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:10:35 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	7.597	168	661679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	934753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	825335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	337514	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	309238	43.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.52%
35) Dibromofluoromethane	7.522	113	284650	46.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.76%
50) Toluene-d8	10.037	98	1116089	47.98	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.96%
62) 4-Bromofluorobenzene	12.357	95	353934	45.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.84%

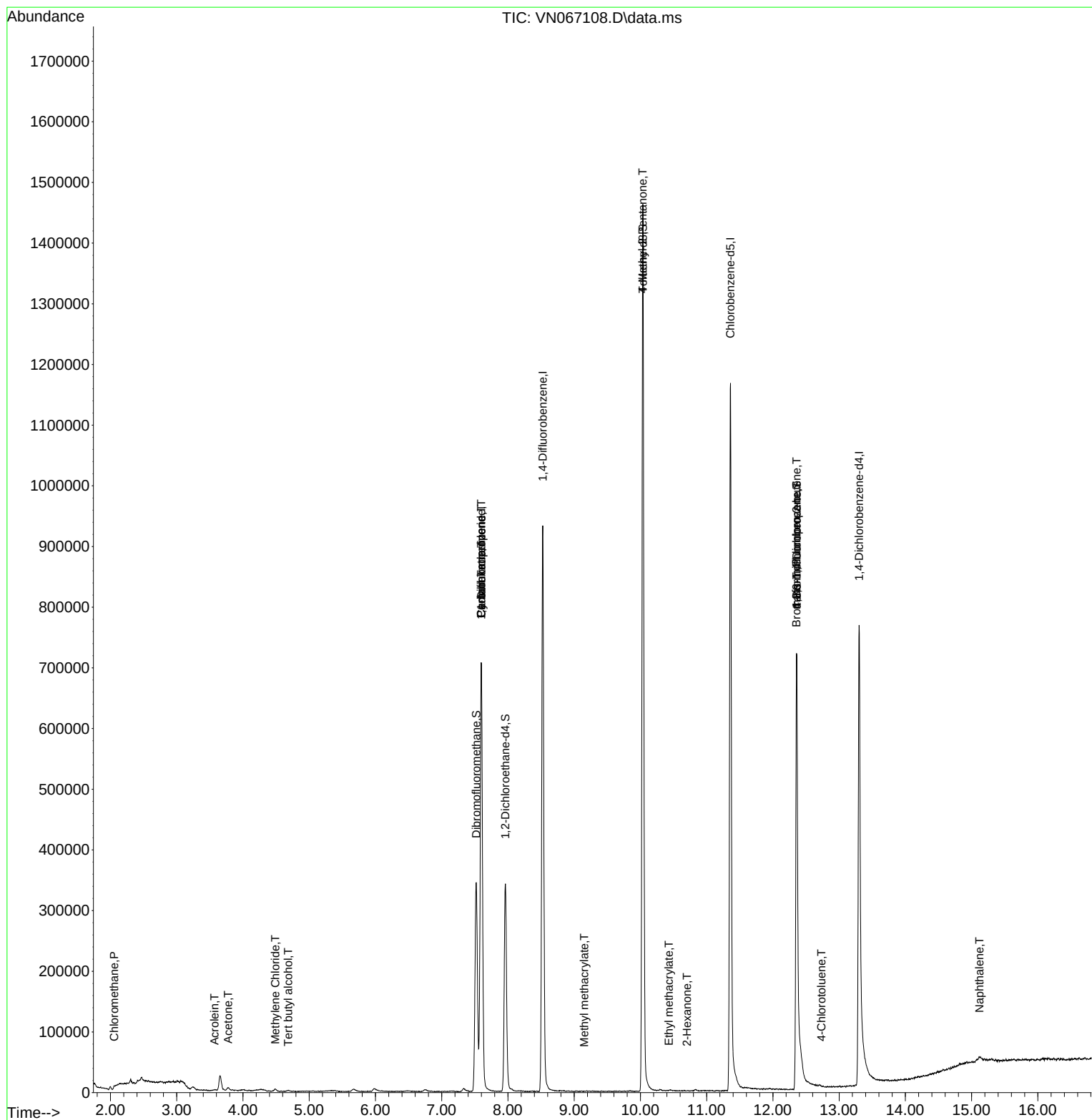
Target Compounds						Qvalue
3) Chloromethane	2.056	50	1990	0.27	ug/l	93
11) Tert butyl alcohol	4.682	59	410	0.34	ug/l #	73
13) Acrolein	3.571	56	3175	1.11	ug/l	92
16) Acetone	3.775	43	8163	3.67	ug/l	93
20) Methylene Chloride	4.488	84	2976	0.48	ug/l #	79
31) Cyclohexane	7.597	56	10161	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.599	75	39639	4.65	ug/l #	49
38) Carbon Tetrachloride	7.597	117	55782	6.14	ug/l #	15
48) Methyl methacrylate	9.152	41	148	1.97	ug/l #	33
51) 4-Methyl-2-Pentanone	10.035	43	4092	5.93	ug/l #	1
56) Ethyl methacrylate	10.429	69	26	1.94	ug/l #	1
59) 2-Hexanone	10.705	43	70	21.93	ug/l #	21
71) Bromoform	12.355	173	327	1.81	ug/l #	28
76) 1,2,3-Trichloropropane	12.357	75	161098	22.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.357	75	161098	67.86	ug/l #	15
82) 4-Chlorotoluene	12.730	91	50	1.18	ug/l #	39
95) Naphthalene	15.117	128	7738	3.76	ug/l #	95

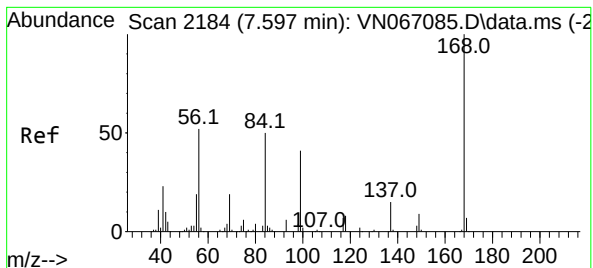
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.597 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VN067108.D

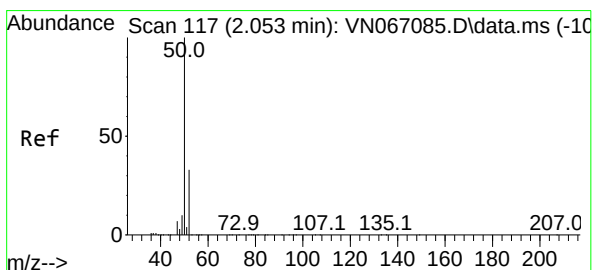
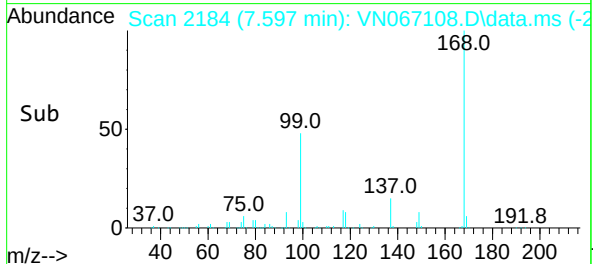
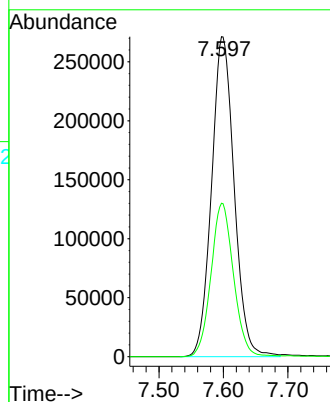
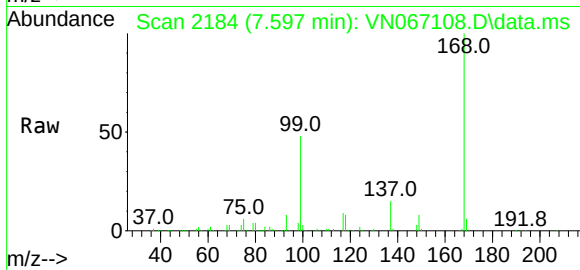
Acq: 17 May 2021 17:47

Tgt Ion:168 Resp: 661679

Ion Ratio Lower Upper

168 100

99 48.0 38.5 57.7



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.056 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN067108.D

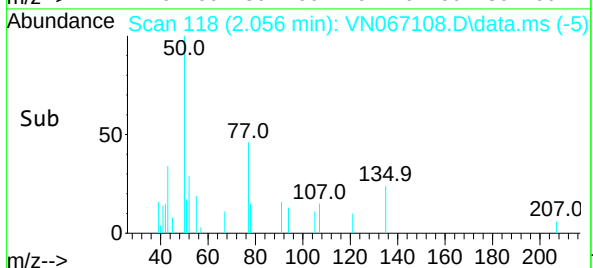
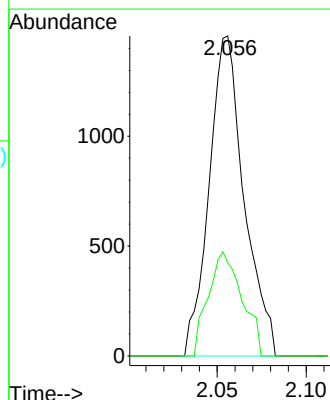
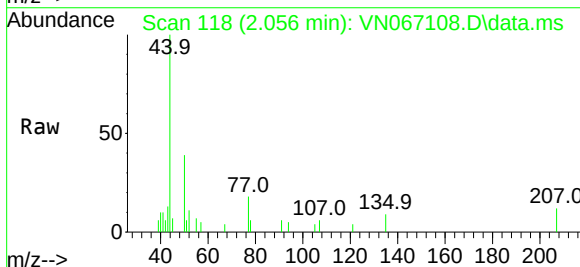
Acq: 17 May 2021 17:47

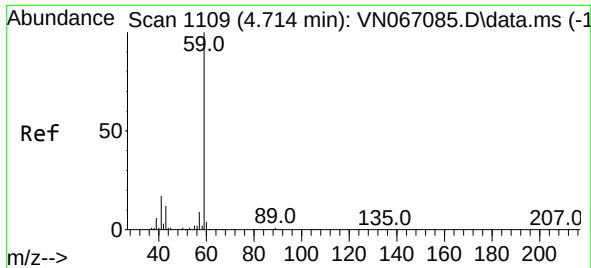
Tgt Ion: 50 Resp: 1990

Ion Ratio Lower Upper

50 100

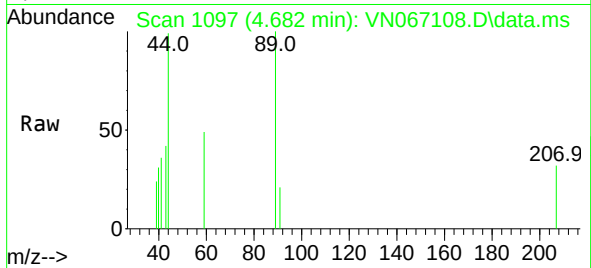
52 29.2 26.5 39.7



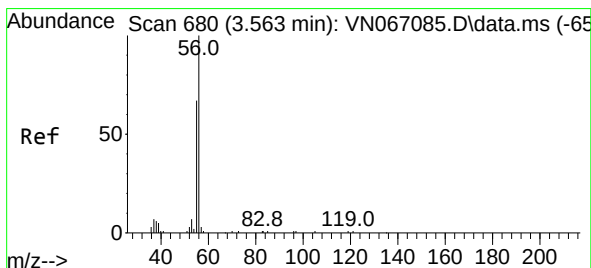
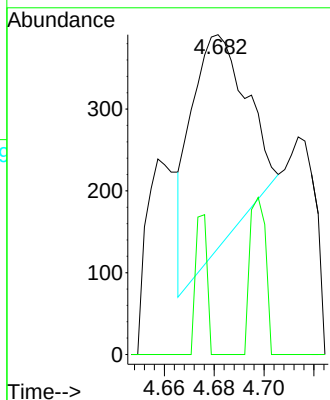
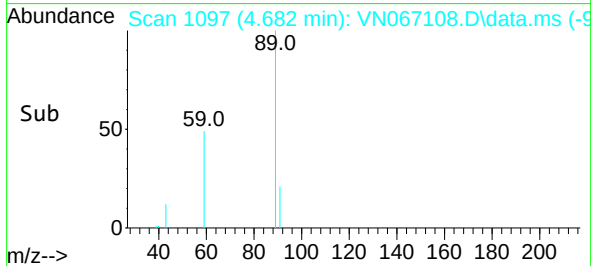


#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 4.682 min Scan# 1097
Delta R.T. -0.032 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

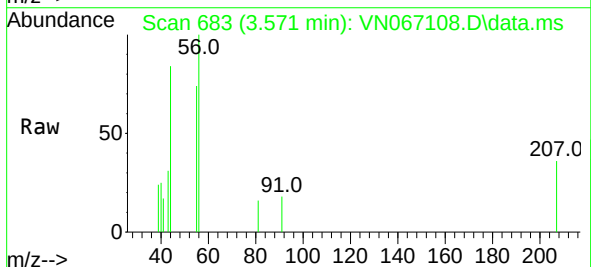
Instrument :
MSVOA_N
ClientSampled :



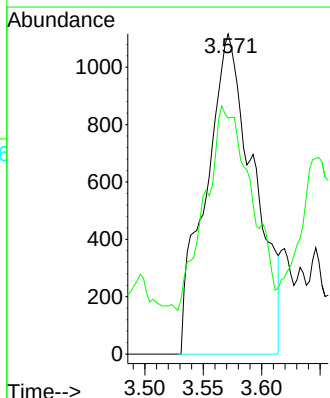
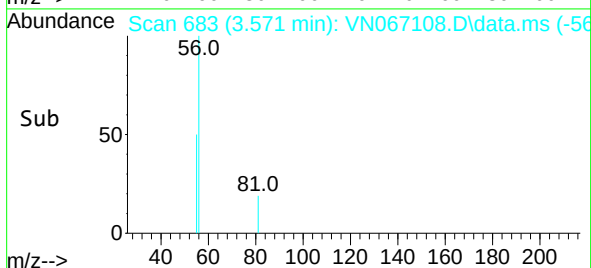
Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 13.4 3.5 5.3#

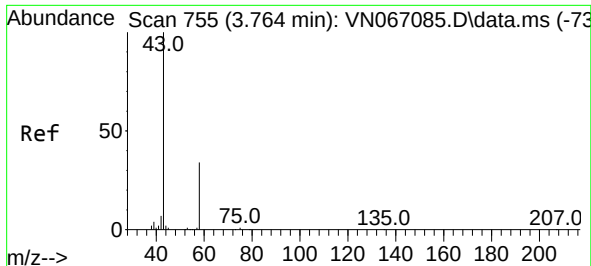


#13
Acrolein
Concen: 1.11 ug/l
RT: 3.571 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47



Tgt Ion: 56 Resp: 3175
Ion Ratio Lower Upper
56 100
55 60.8 53.8 80.6

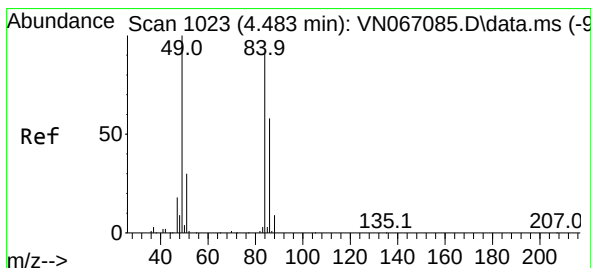
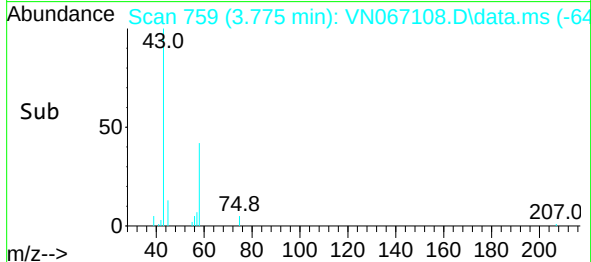
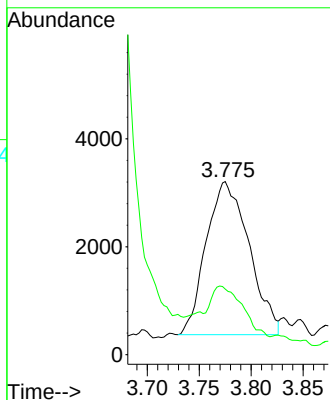
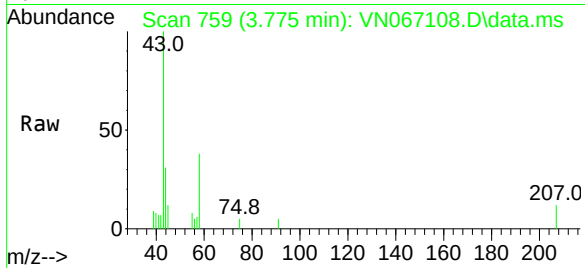




#16
Acetone
Concen: 3.67 ug/l
RT: 3.775 min Scan# 759
Delta R.T. 0.011 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

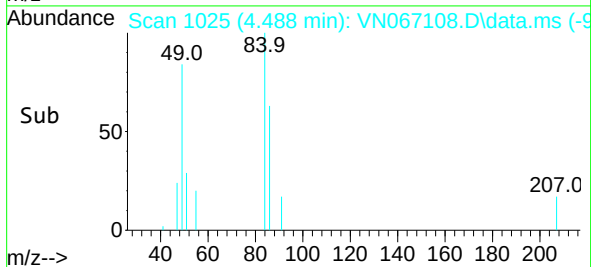
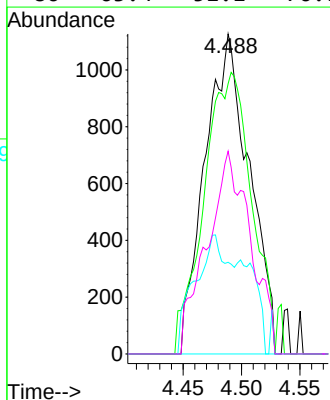
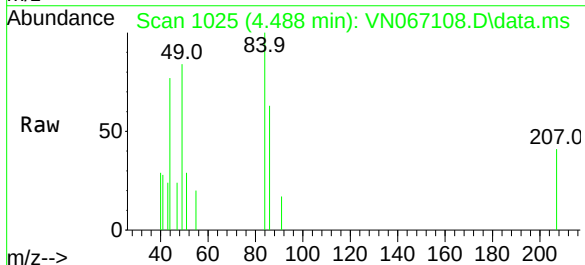
Instrument :
MSVOA_N
ClientSampled :

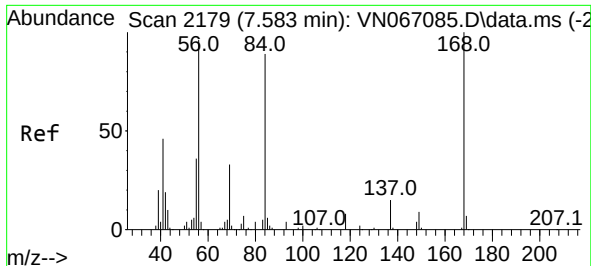
Tgt Ion: 43 Resp: 8163
Ion Ratio Lower Upper
43 100
58 30.1 27.2 40.8



#20
Methylene Chloride
Concen: 0.48 ug/l
RT: 4.488 min Scan# 1025
Delta R.T. 0.005 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

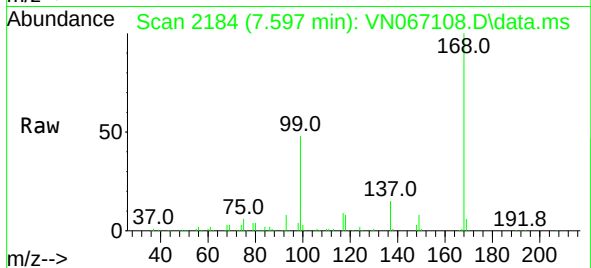
Tgt Ion: 84 Resp: 2976
Ion Ratio Lower Upper
84 100
49 71.0 88.3 132.5#
51 28.7 26.7 40.1
86 63.4 51.1 76.7



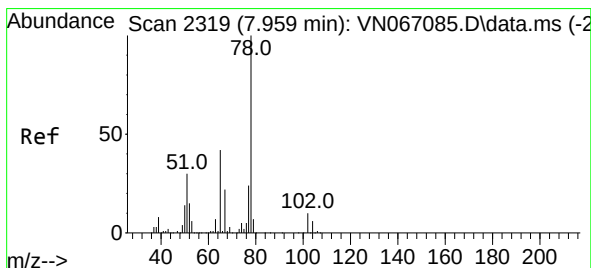
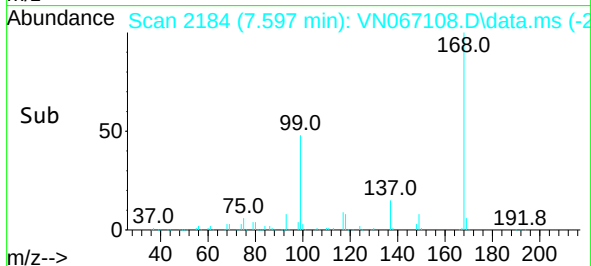
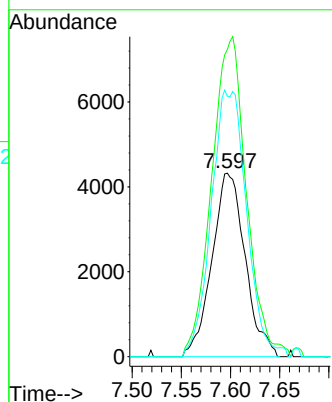


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.014 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

Instrument :
MSVOA_N
ClientSampled :

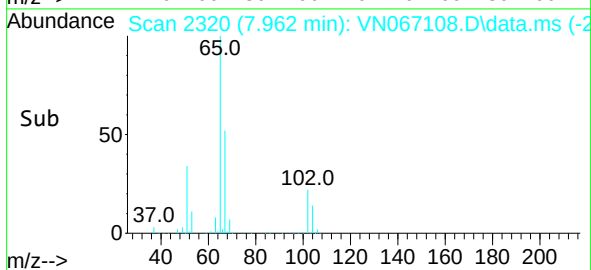
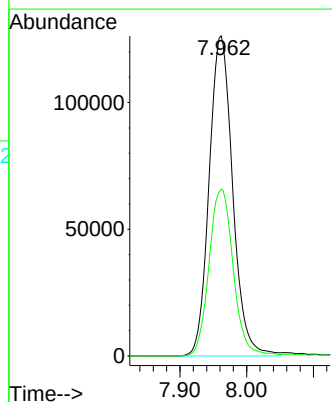
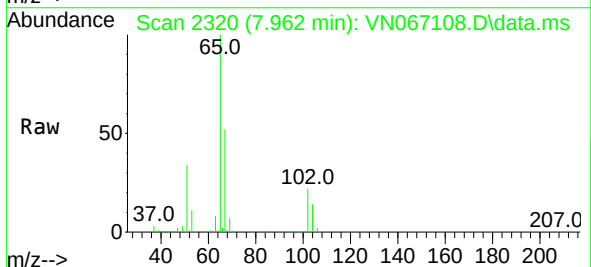


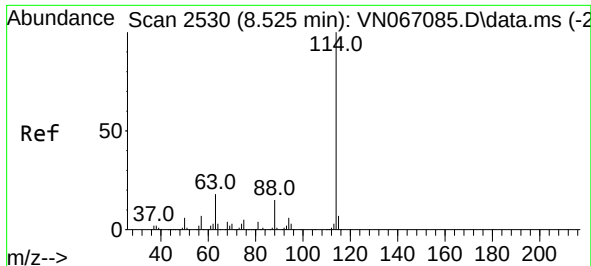
Tgt Ion: 56 Resp: 10161
Ion Ratio Lower Upper
56 100
69 167.6 28.0 42.0#
84 142.0 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 43.26 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

Tgt Ion: 65 Resp: 309238
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.4

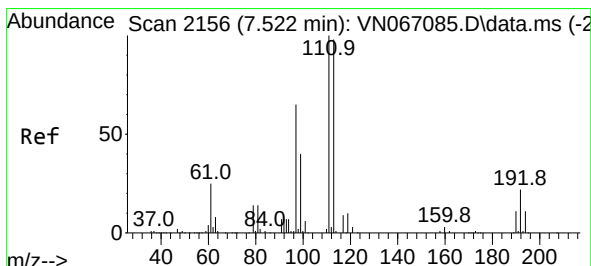
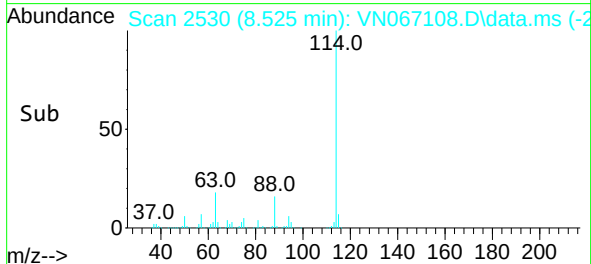
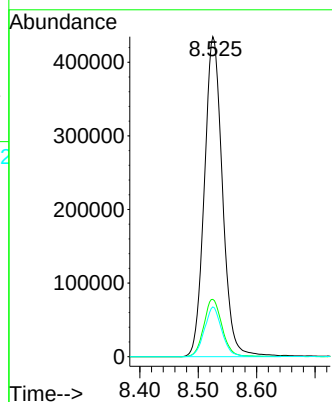
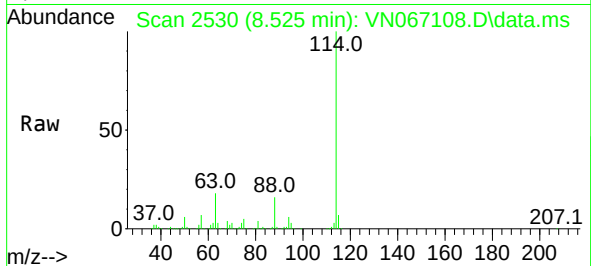




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

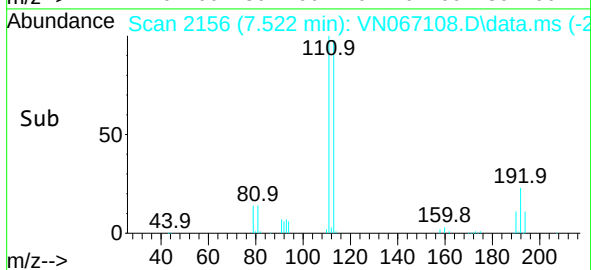
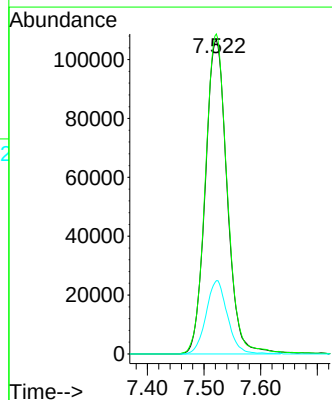
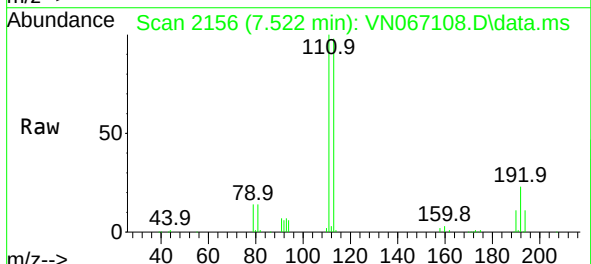
Instrument :
MSVOA_N
ClientSampled :

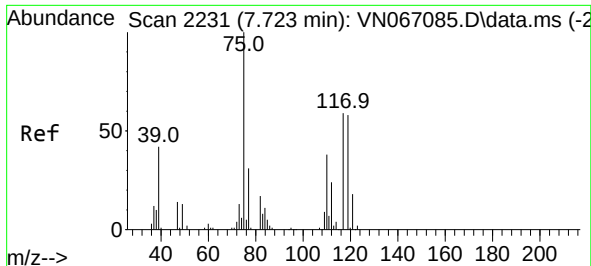
Tgt Ion:114 Resp: 934753
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.8
88 15.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 46.38 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

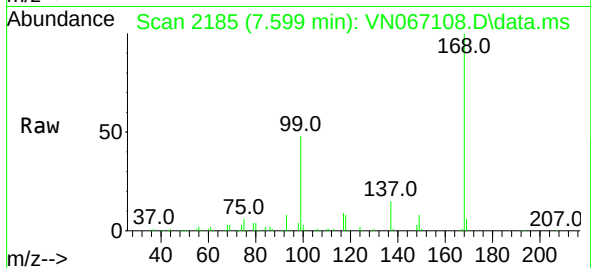
Tgt Ion:113 Resp: 284650
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 22.8 18.2 27.4



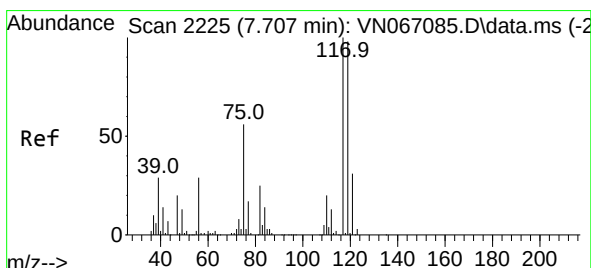
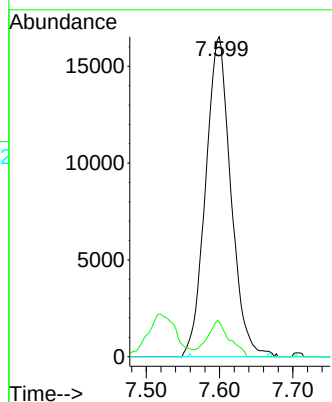
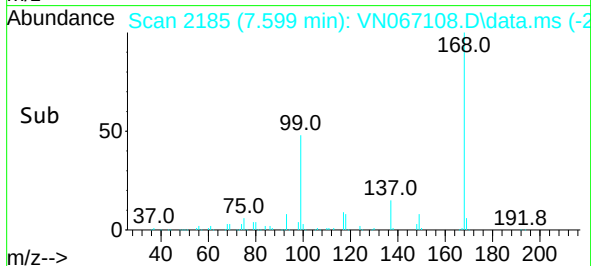


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.599 min Scan# 2185
Delta R.T. -0.123 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

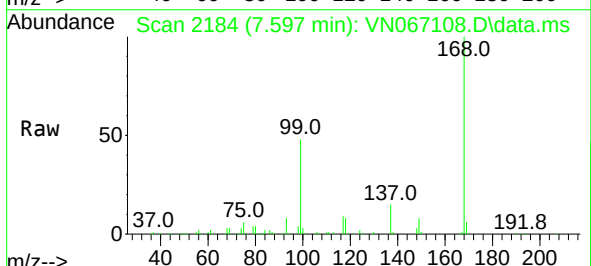
Instrument :
MSVOA_N
ClientSampled :



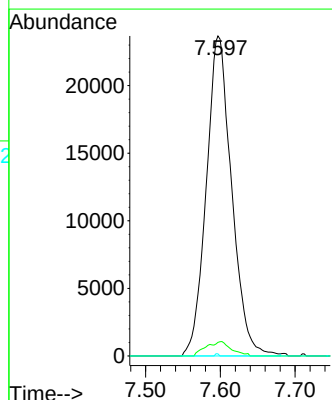
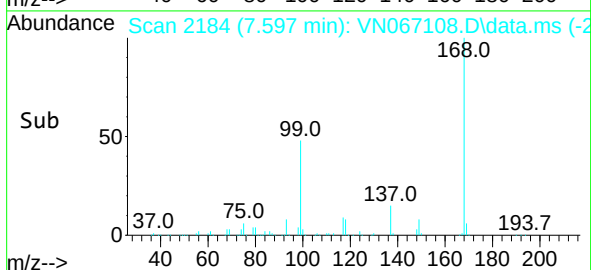
Tgt Ion: 75 Resp: 39639
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 24.8 37.2#

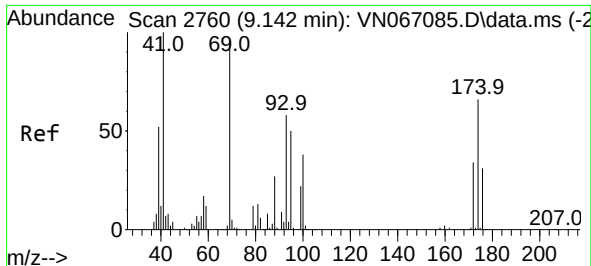


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.110 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47



Tgt Ion: 117 Resp: 55782
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.7 24.7 37.1#





#48

Methyl methacrylate

Concen: 1.97 ug/l

RT: 9.152 min Scan# 2764

Delta R.T. 0.010 min

Lab File: VN067108.D

Acq: 17 May 2021 17:47

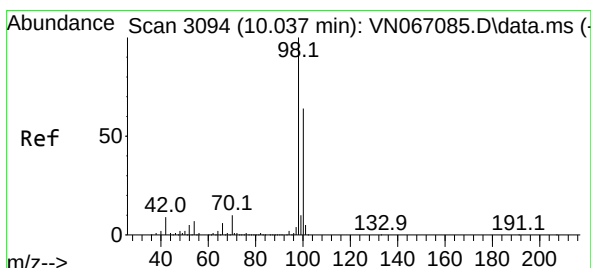
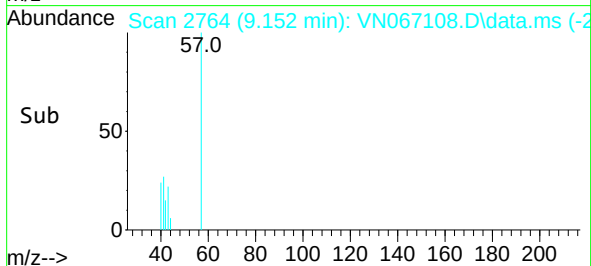
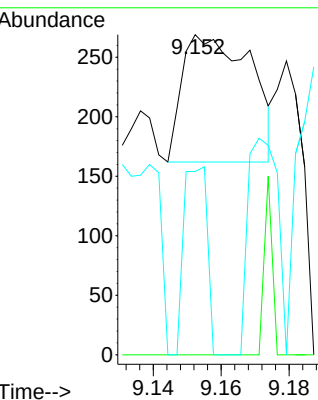
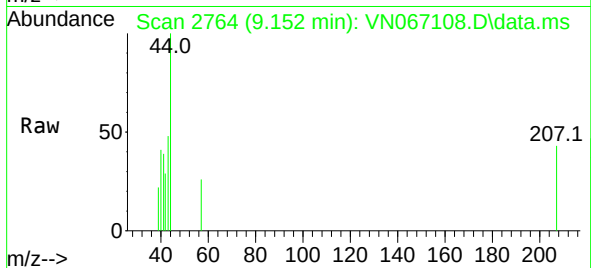
Tgt Ion: 41 Resp: 148

Ion Ratio Lower Upper

41 100

69 0.0 80.5 120.7#

39 50.7 41.4 62.0



#50

Toluene-d8

Concen: 47.98 ug/l

RT: 10.037 min Scan# 3094

Delta R.T. 0.000 min

Lab File: VN067108.D

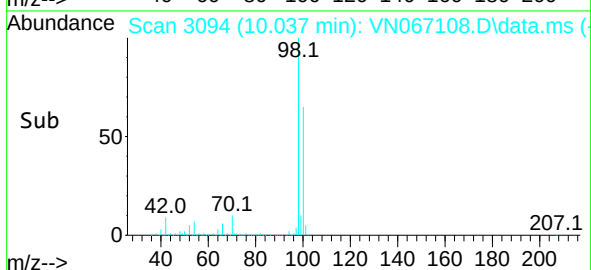
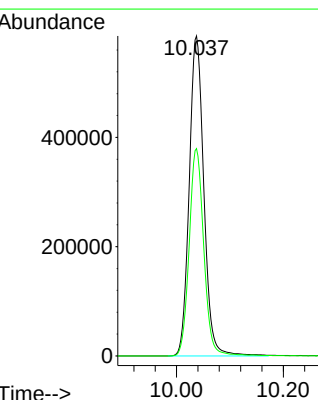
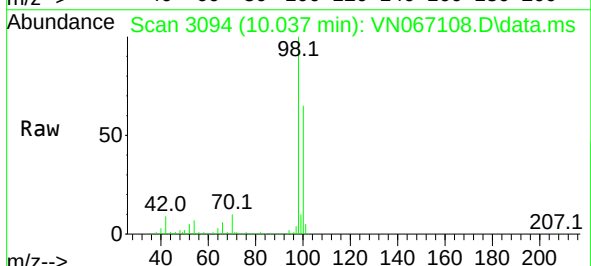
Acq: 17 May 2021 17:47

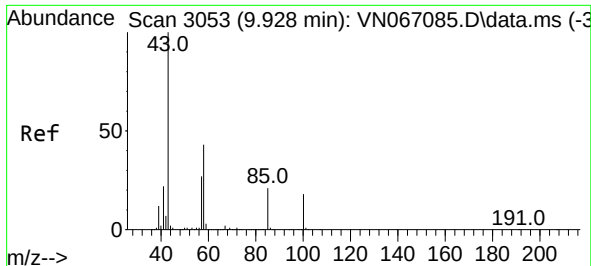
Tgt Ion: 98 Resp: 1116089

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

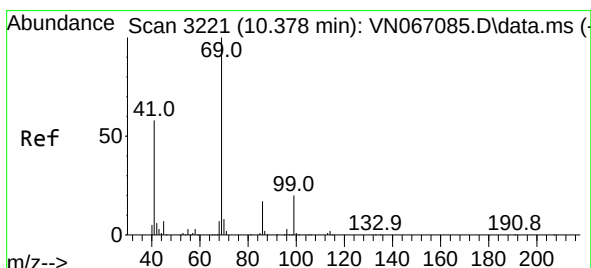
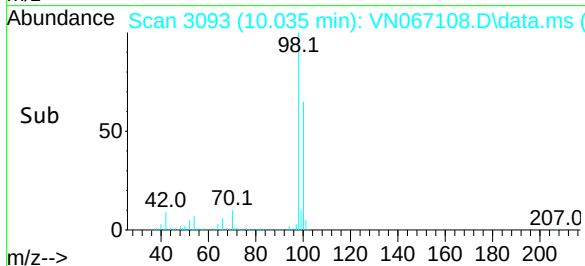
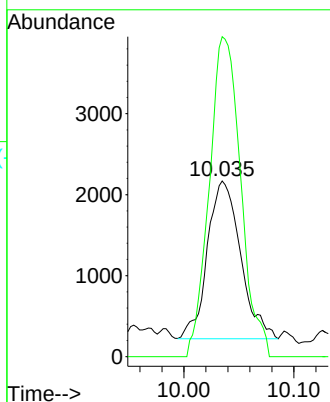
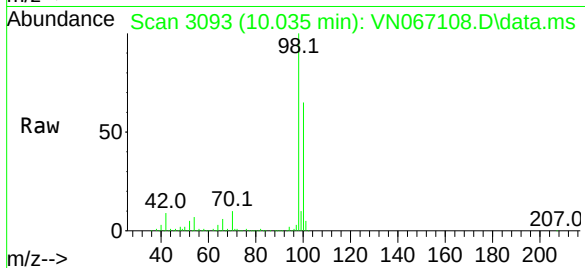




#51
4-Methyl-2-Pentanone
Concen: 5.93 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. 0.107 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

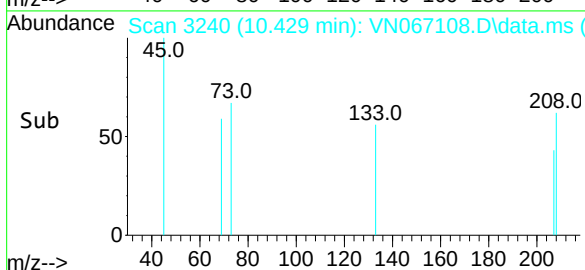
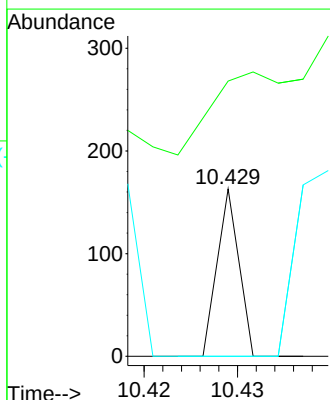
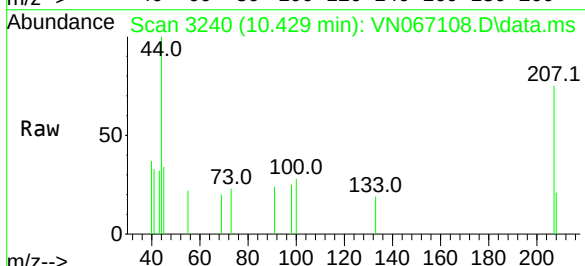
Instrument :
MSVOA_N
ClientSampled :

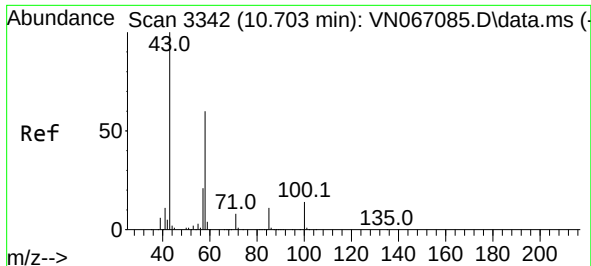
Tgt Ion: 43 Resp: 4092
Ion Ratio Lower Upper
43 100
58 192.0 34.5 51.7#



#56
Ethyl methacrylate
Concen: 1.94 ug/l
RT: 10.429 min Scan# 3240
Delta R.T. 0.051 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

Tgt Ion: 69 Resp: 26
Ion Ratio Lower Upper
69 100
41 988.5 45.5 68.3#
39 307.7 22.9 34.3#

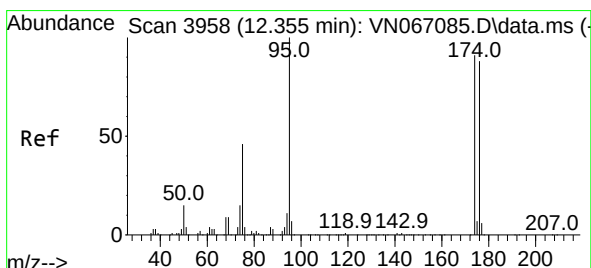
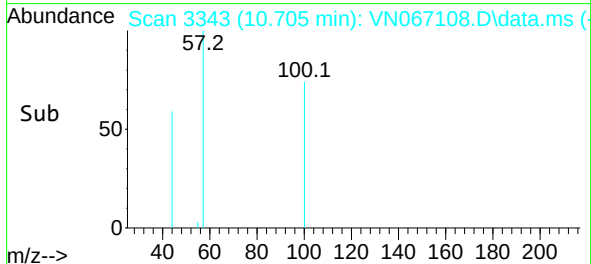
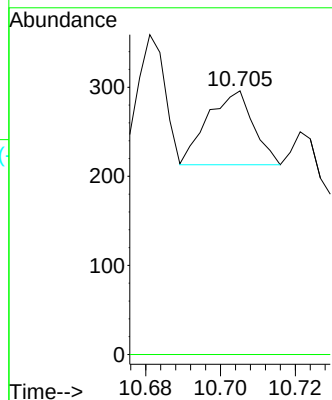
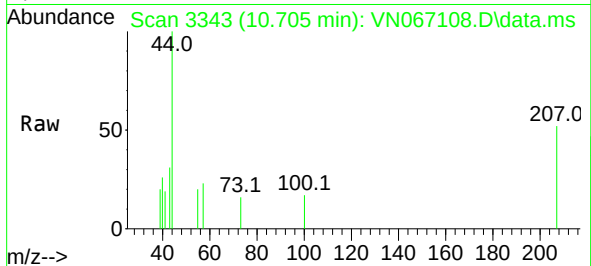




#59
2-Hexanone
Concen: 21.93 ug/l
RT: 10.705 min Scan# 3343
Delta R.T. 0.002 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

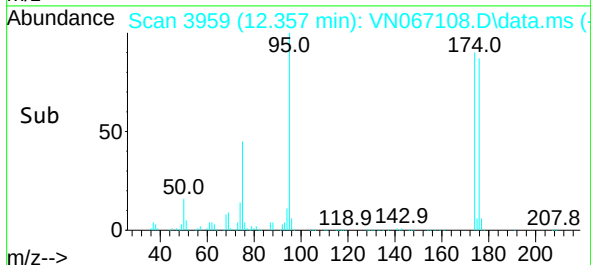
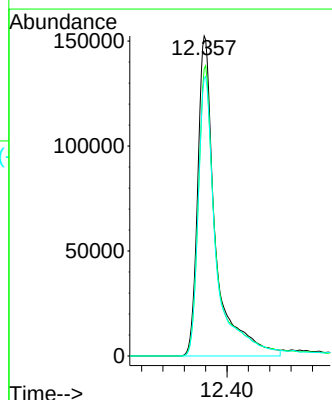
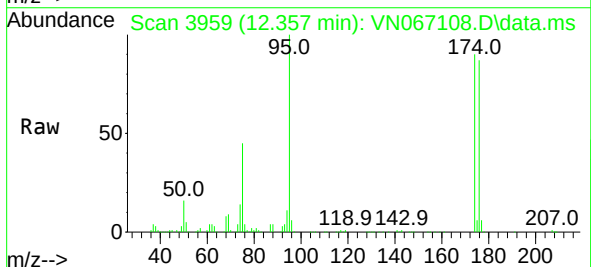
Instrument :
MSVOA_N
ClientSampled :

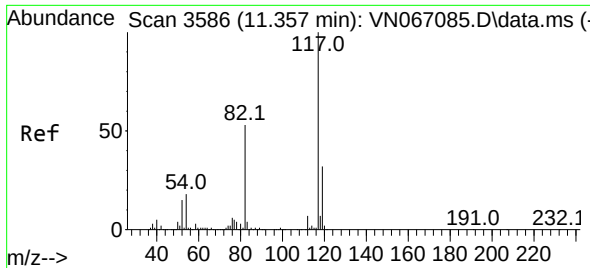
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

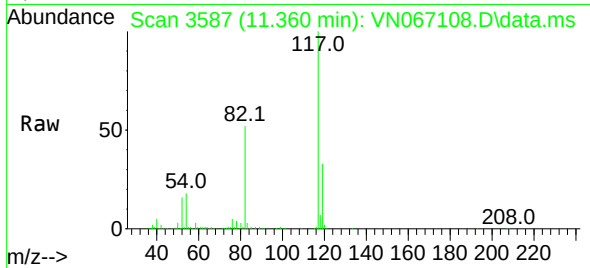
Tgt Ion: 95 Resp: 353934
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.8
176 89.0 0.0 176.6



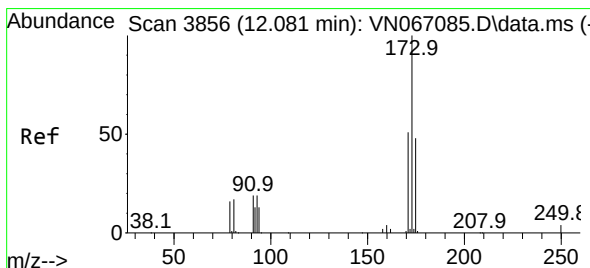
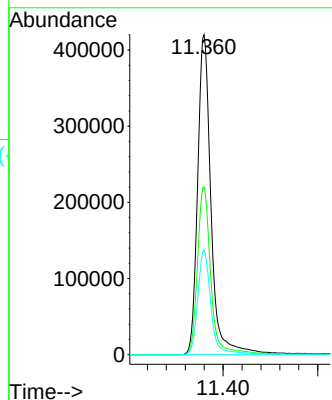
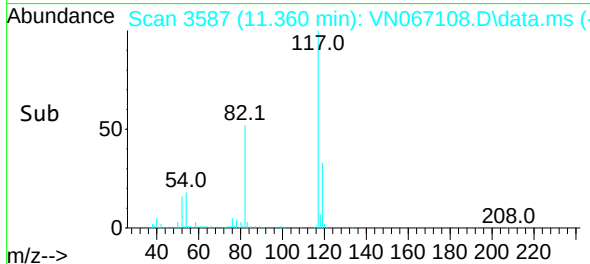


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

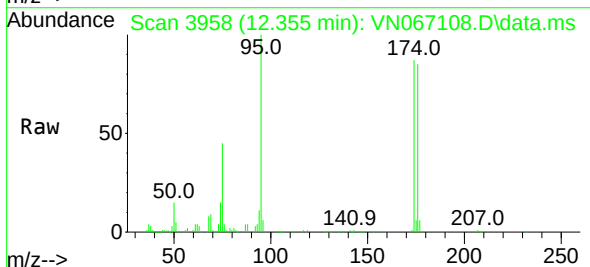
Instrument :
MSVOA_N
ClientSampled :



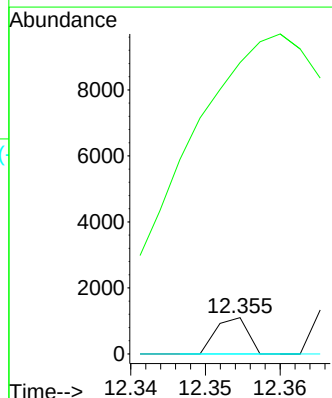
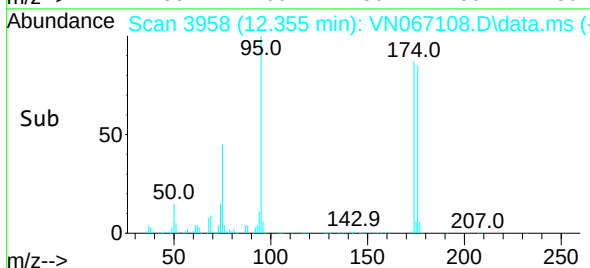
Tgt Ion:117 Resp: 825335
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.7 25.8 38.6

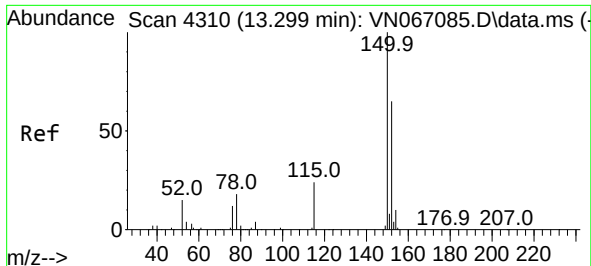


#71
Bromoform
Concen: 1.81 ug/l
RT: 12.355 min Scan# 3958
Delta R.T. 0.274 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47



Tgt Ion:173 Resp: 327
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

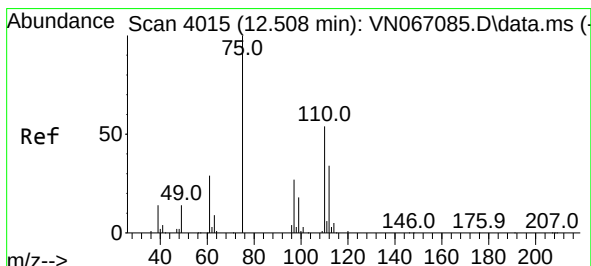
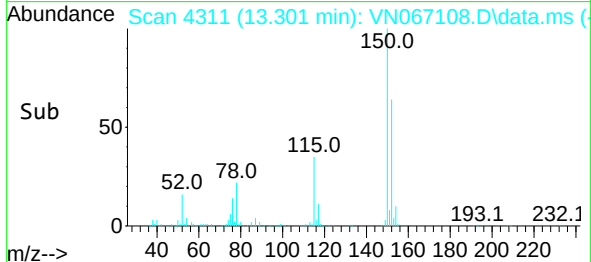
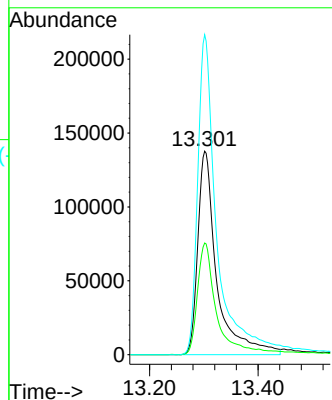
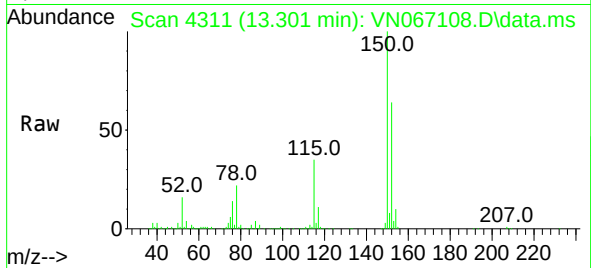




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. 0.002 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

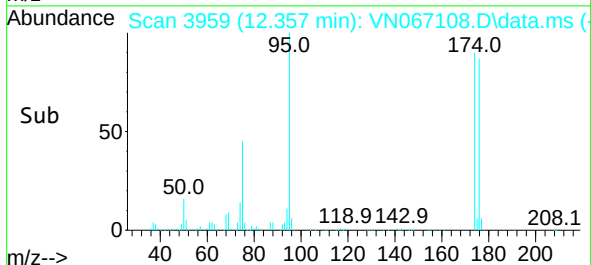
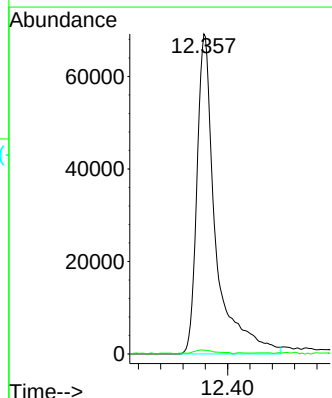
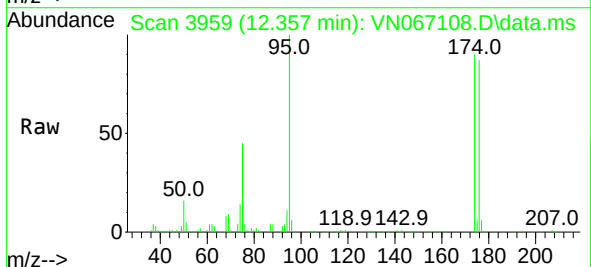
Instrument :
MSVOA_N
ClientSampled :

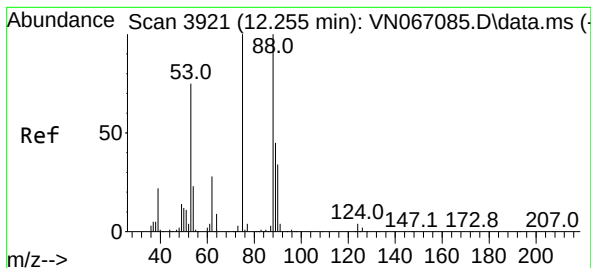
Tgt Ion:152 Resp: 337514
Ion Ratio Lower Upper
152 100
115 53.0 27.0 80.8
150 159.2 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 22.62 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.151 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

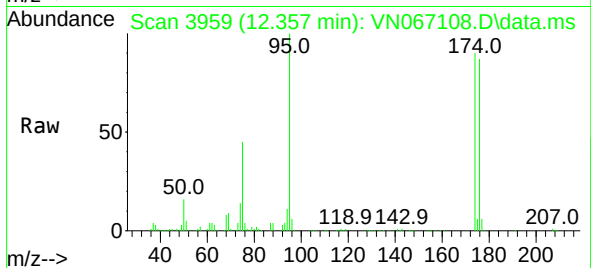
Tgt Ion: 75 Resp: 161098
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



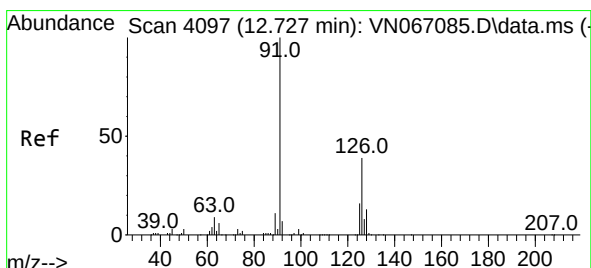
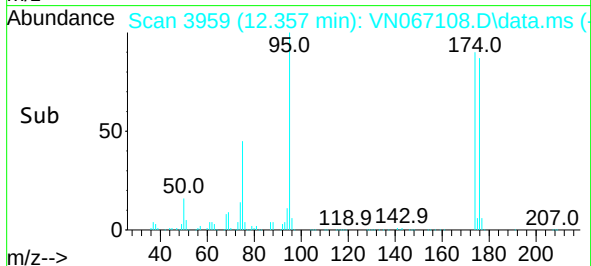
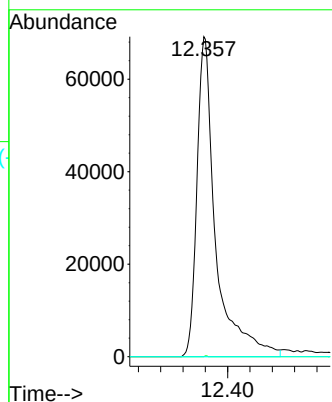


#81
trans-1,4-Dichloro-2-butene
Concen: 67.86 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

Instrument :
MSVOA_N
ClientSampled :

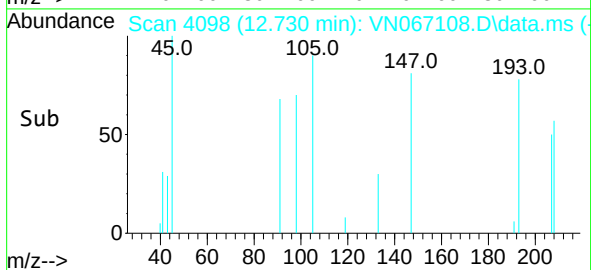
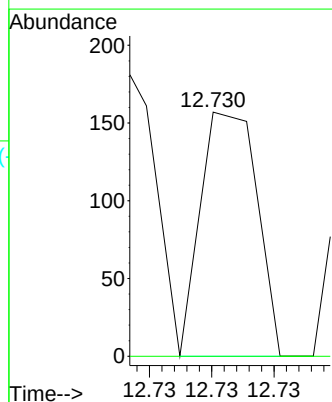
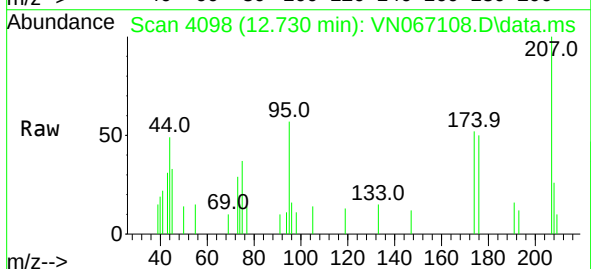


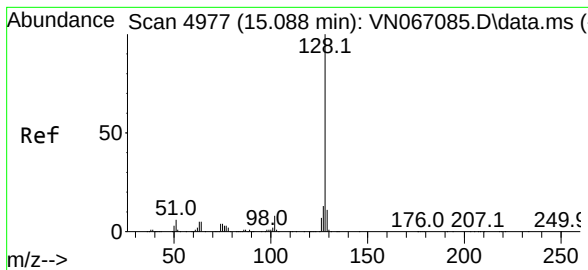
Tgt Ion: 75 Resp: 161098
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.18 ug/l
RT: 12.730 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

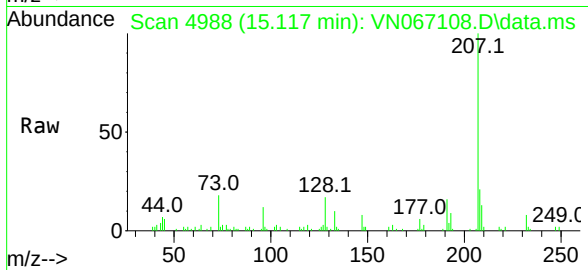
Tgt Ion: 91 Resp: 50
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#





#95
Naphthalene
Concen: 3.76 ug/l
RT: 15.117 min Scan# 4988
Delta R.T. 0.029 min
Lab File: VN067108.D
Acq: 17 May 2021 17:47

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	7738
Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.2	15.2#
129	10.7	8.6	13.0

