

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067110.D
 Acq On : 17 May 2021 18:35
 Operator : JC/MD
 Sample : M2387-09 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:11:08 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)

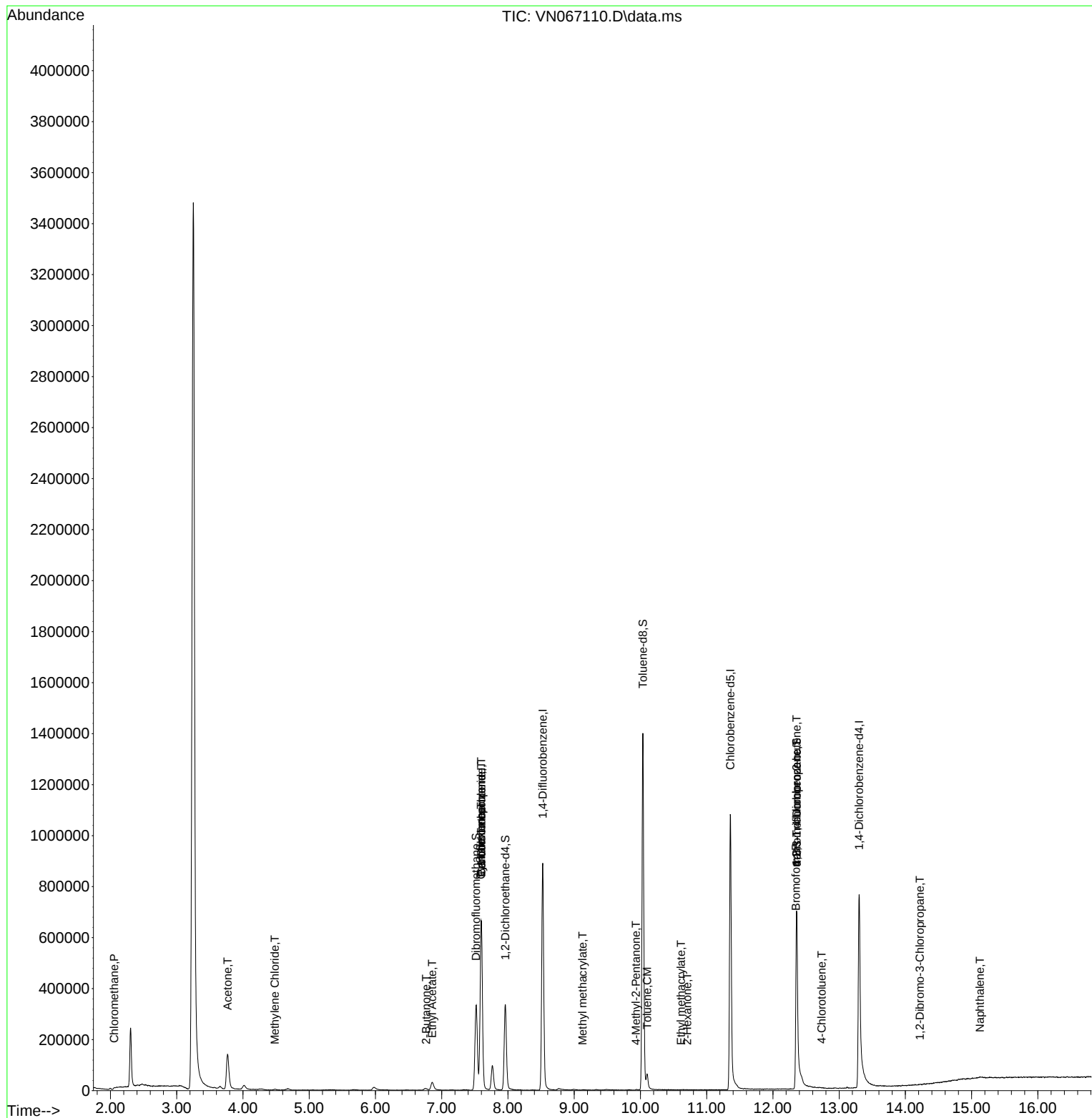
Internal Standards						
1) Pentafluorobenzene	7.600	168	633790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	894605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	764862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	329290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	301803	44.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.16%		
35) Dibromofluoromethane	7.519	113	273752	46.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.20%		
50) Toluene-d8	10.037	98	1051640	47.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.48%		
62) 4-Bromofluorobenzene	12.357	95	337364	45.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.48%		
Target Compounds						Qvalue
3) Chloromethane	2.056	50	2032	0.29	ug/l	89
16) Acetone	3.767	43	236578	111.17	ug/l	99
20) Methylene Chloride	4.480	84	2567	0.44	ug/l	85
25) 2-Butanone	6.765	43	4912	1.48	ug/l #	79
31) Cyclohexane	7.594	56	9143	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	37691	4.62	ug/l #	42
37) Ethyl Acetate	6.854	43	52241	7.25	ug/l #	90
38) Carbon Tetrachloride	7.597	117	52467	6.04	ug/l #	15
48) Methyl methacrylate	9.126	41	39	1.95	ug/l #	1
51) 4-Methyl-2-Pentanone	9.933	43	592	5.48	ug/l #	9
52) Toluene	10.102	92	23929	1.49	ug/l	99
56) Ethyl methacrylate	10.614	69	25	1.94	ug/l #	1
59) 2-Hexanone	10.708	43	107	21.94	ug/l #	21
71) Bromoform	12.349	173	446	1.84	ug/l #	28
76) 1,2,3-Trichloropropane	12.357	75	155683	22.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.357	75	155683	67.25	ug/l #	15
82) 4-Chlorotoluene	12.736	91	234	1.19	ug/l #	39
92) 1,2-Dibromo-3-Chloropr...	14.219	75	251	0.20	ug/l #	1
95) Naphthalene	15.125	128	3990	3.52	ug/l #	86

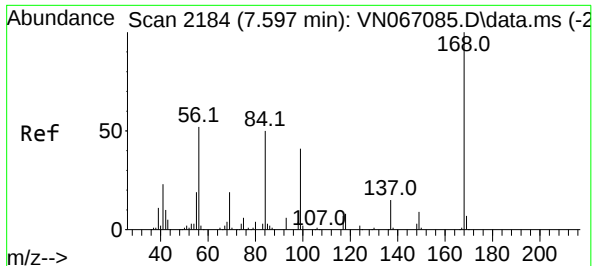
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

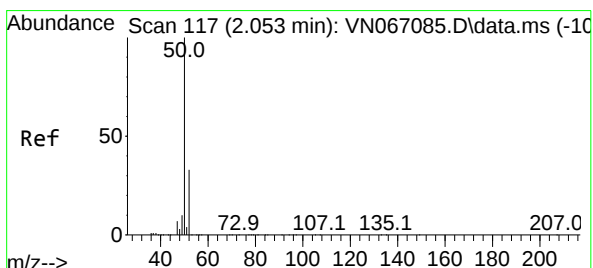
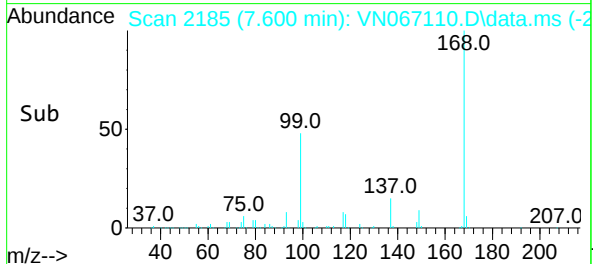
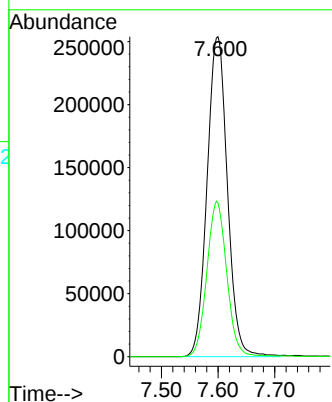
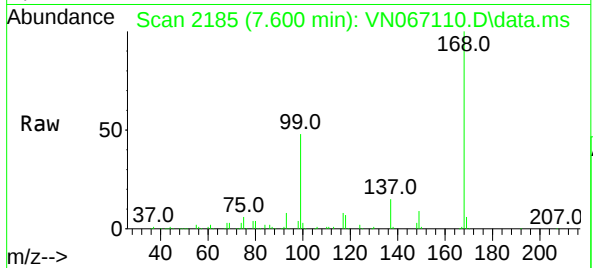




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

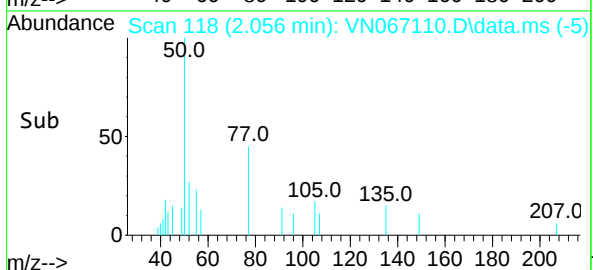
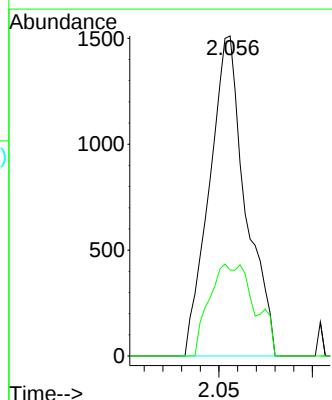
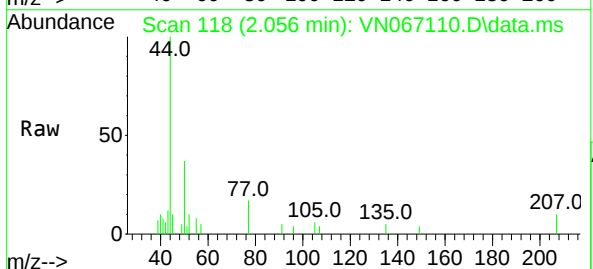
Instrument :
MSVOA_N
ClientSampled :

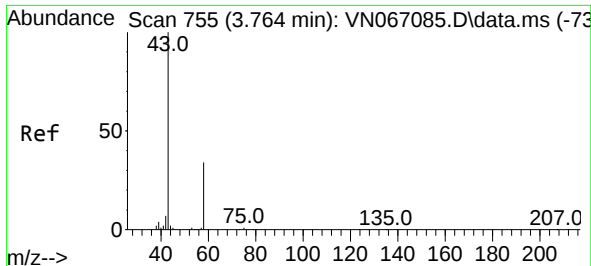
Tgt Ion:168 Resp: 633790
Ion Ratio Lower Upper
168 100
99 48.1 38.5 57.7



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

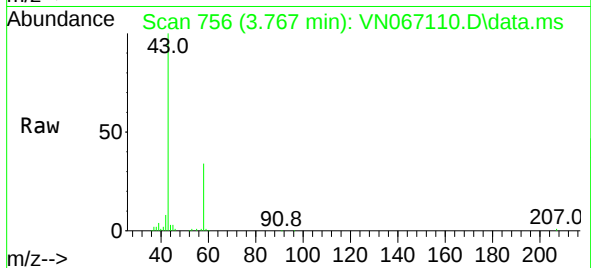
Tgt Ion: 50 Resp: 2032
Ion Ratio Lower Upper
50 100
52 26.9 26.5 39.7



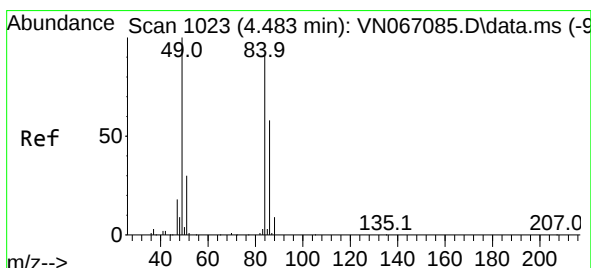
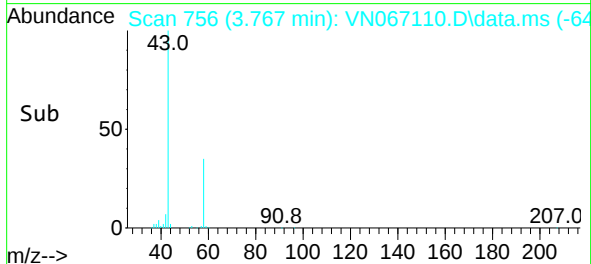
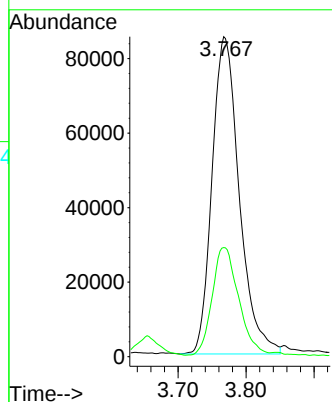


#16
Acetone
Concen: 111.17 ug/l
RT: 3.767 min Scan# 756
Delta R.T. 0.003 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :

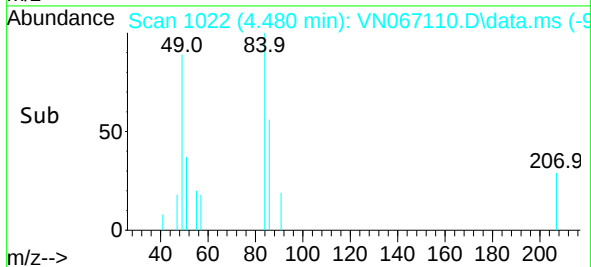
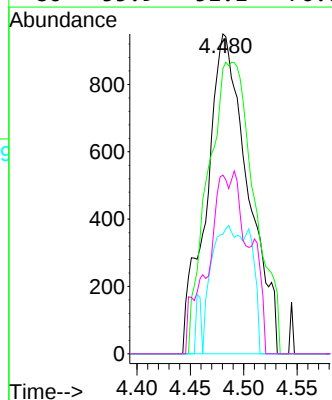
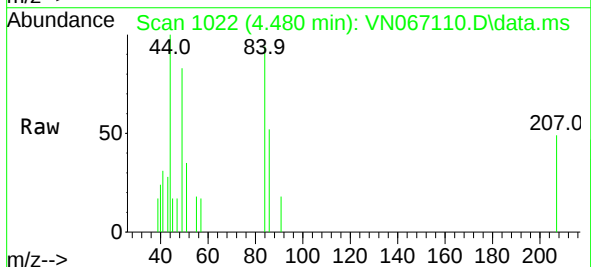


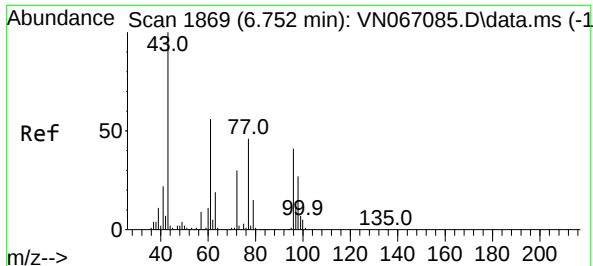
Tgt Ion: 43 Resp: 236578
Ion Ratio Lower Upper
43 100
58 33.7 27.2 40.8



#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 4.480 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

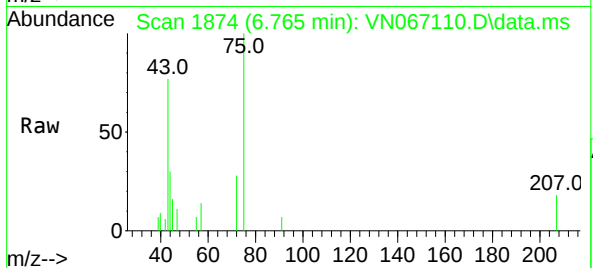
Tgt Ion: 84 Resp: 2567
Ion Ratio Lower Upper
84 100
49 89.2 88.3 132.5
51 37.4 26.7 40.1
86 55.9 51.1 76.7



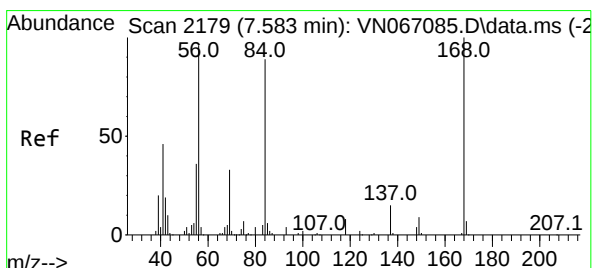
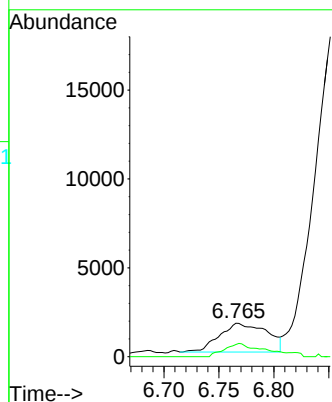
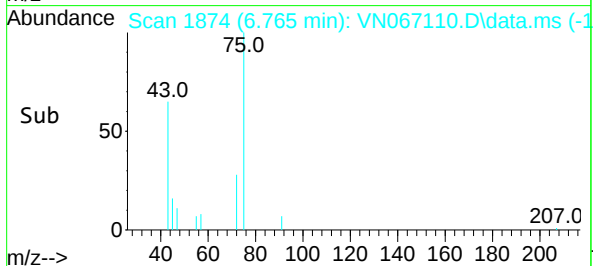


#25
2-Butanone
Concen: 1.48 ug/l
RT: 6.765 min Scan# 1874
Delta R.T. 0.013 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

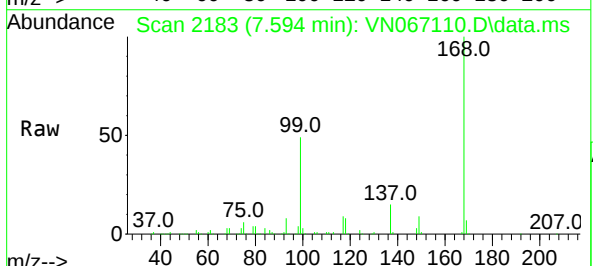
Instrument :
MSVOA_N
ClientSampled :



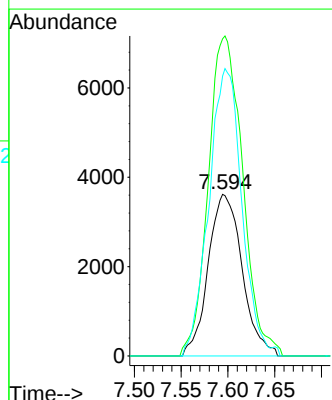
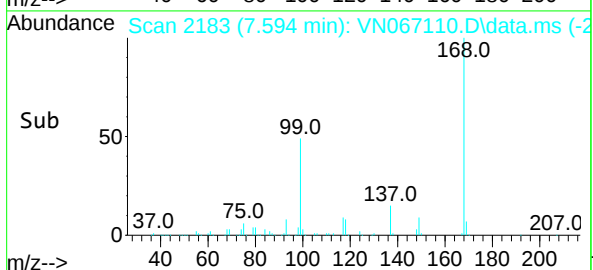
Tgt Ion: 43 Resp: 4912
Ion Ratio Lower Upper
43 100
72 42.0 24.4 36.6#

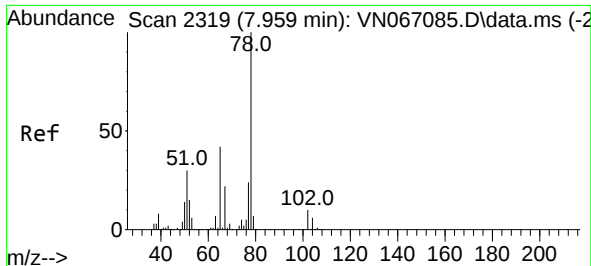


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. 0.011 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35



Tgt Ion: 56 Resp: 9143
Ion Ratio Lower Upper
56 100
69 196.2 28.0 42.0#
84 173.1 74.2 111.2#

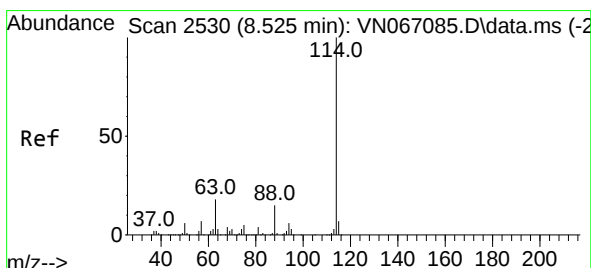
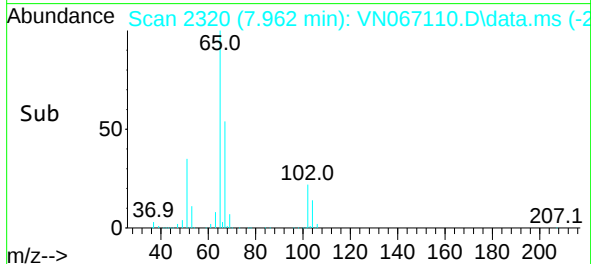
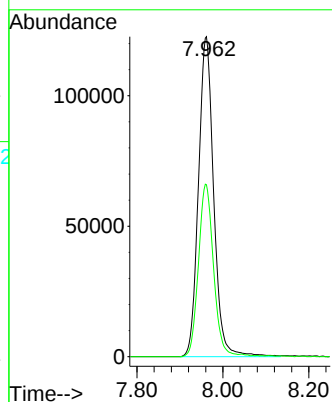
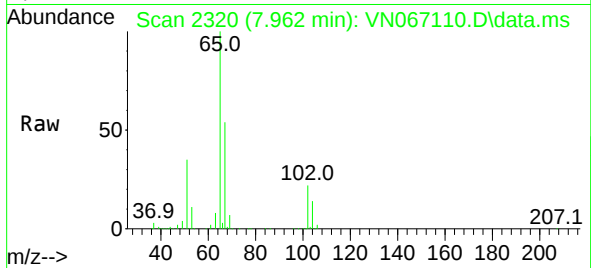




#33
 1,2-Dichloroethane-d4
 Concen: 44.08 ug/l
 RT: 7.962 min Scan# 2320
 Delta R.T. 0.003 min
 Lab File: VN067110.D
 Acq: 17 May 2021 18:35

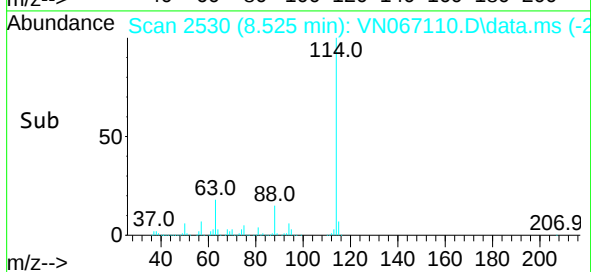
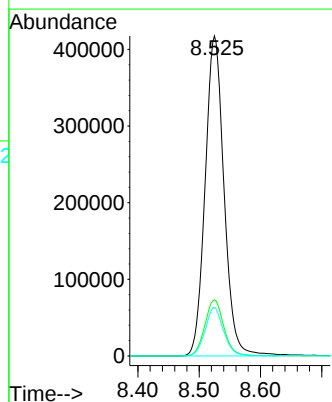
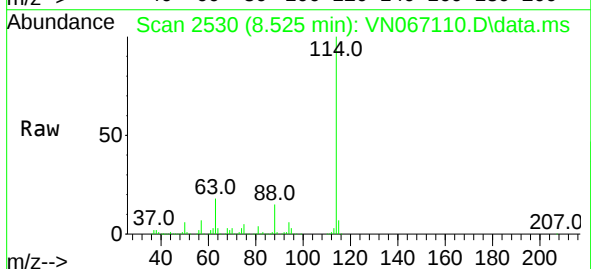
Instrument :
 MSVOA_N
 ClientSampled :

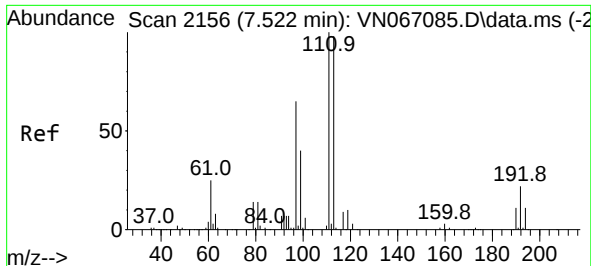
Tgt Ion: 65 Resp: 301803
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.525 min Scan# 2530
 Delta R.T. -0.000 min
 Lab File: VN067110.D
 Acq: 17 May 2021 18:35

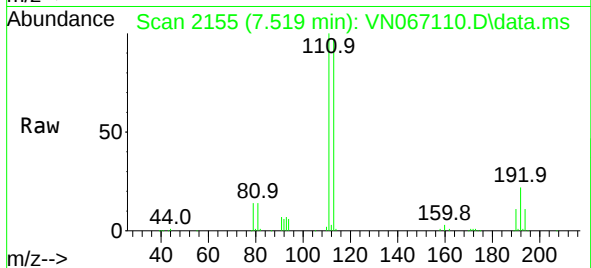
Tgt Ion: 114 Resp: 894605
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 15.2 0.0 30.4



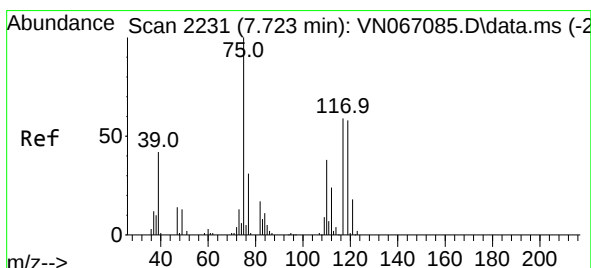
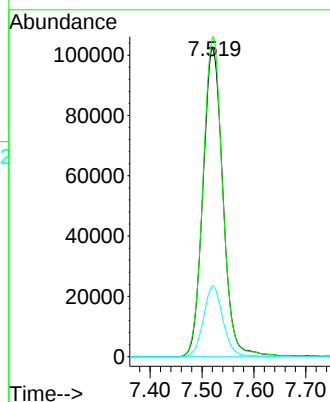
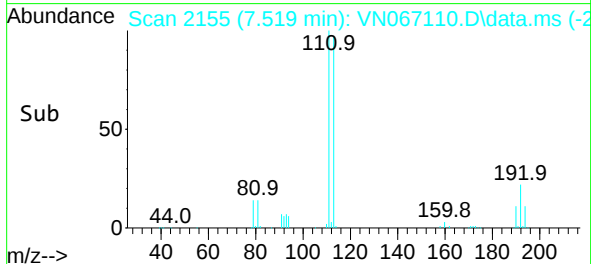


#35
 Dibromofluoromethane
 Concen: 46.60 ug/l
 RT: 7.519 min Scan# 2155
 Delta R.T. -0.003 min
 Lab File: VN067110.D
 Acq: 17 May 2021 18:35

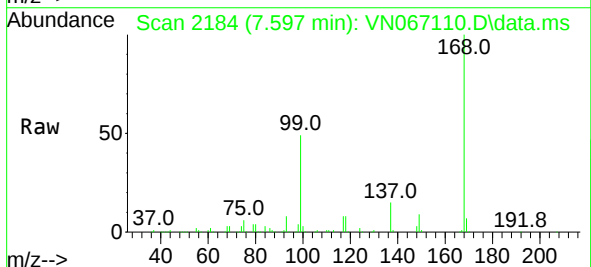
Instrument :
 MSVOA_N
 ClientSampleId :



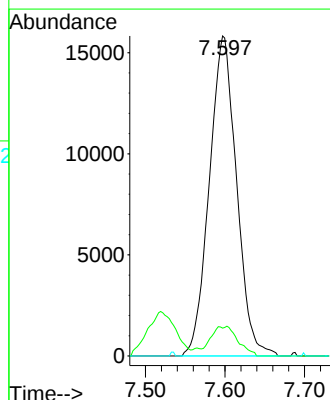
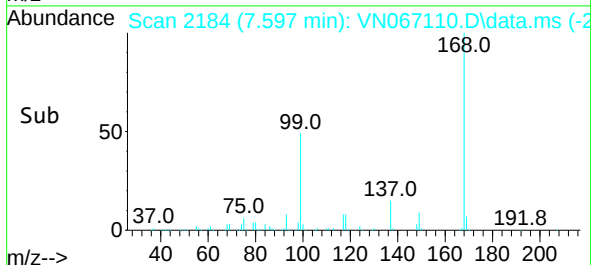
Tgt Ion: 113 Resp: 273752
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.6 124.0
 192 22.5 18.2 27.4

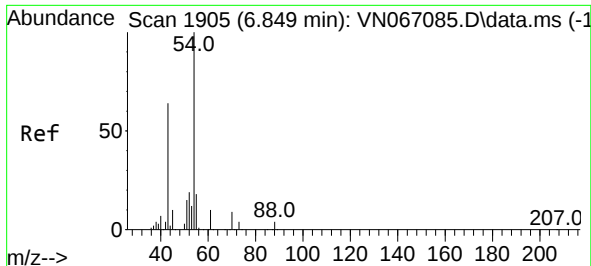


#36
 1,1-Dichloropropene
 Concen: 4.62 ug/l
 RT: 7.597 min Scan# 2184
 Delta R.T. -0.126 min
 Lab File: VN067110.D
 Acq: 17 May 2021 18:35



Tgt Ion: 75 Resp: 37691
 Ion Ratio Lower Upper
 75 100
 110 2.8 19.1 57.3#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 7.25 ug/l

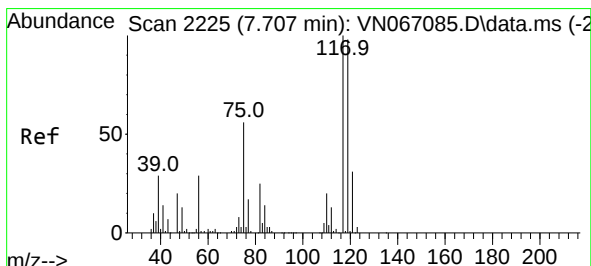
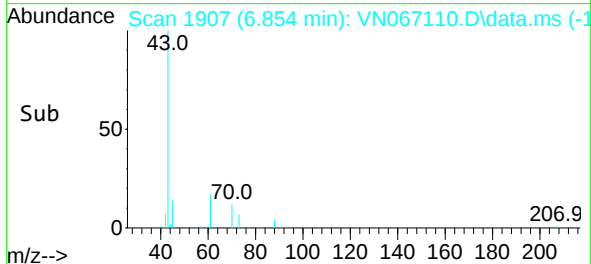
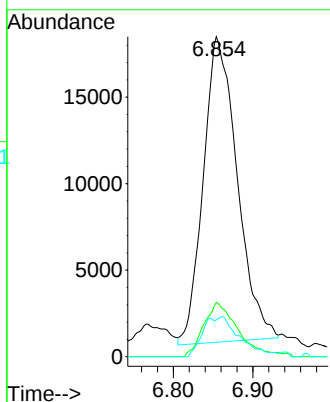
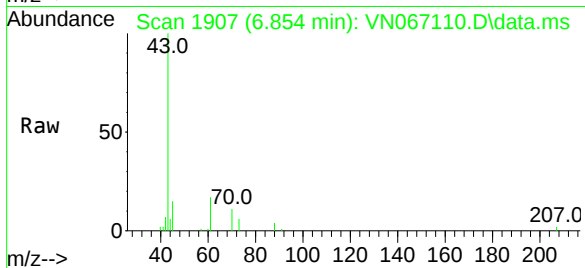
RT: 6.854 min Scan# 1907

Delta R.T. 0.005 min

Lab File: VN067110.D

Acq: 17 May 2021 18:35

Tgt Ion:	43	Resp:	52241
Ion	Ratio	Lower	Upper
43	100		
61	18.2	13.0	19.4
70	5.0	9.2	13.8#



#38

Carbon Tetrachloride

Concen: 6.04 ug/l

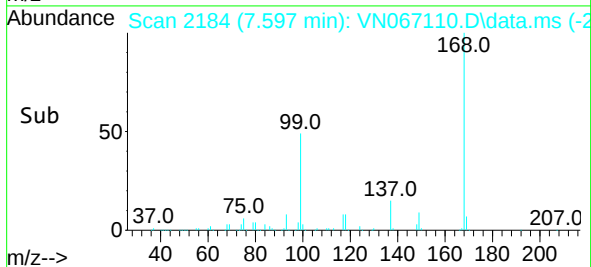
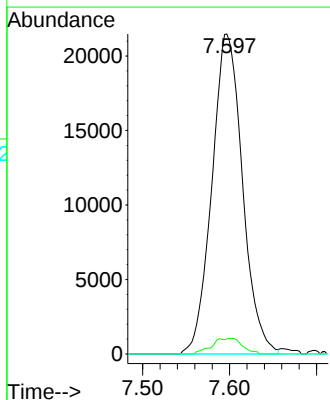
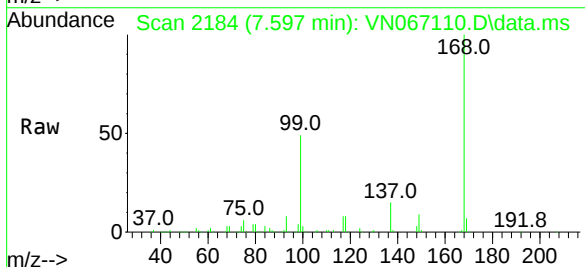
RT: 7.597 min Scan# 2184

Delta R.T. -0.110 min

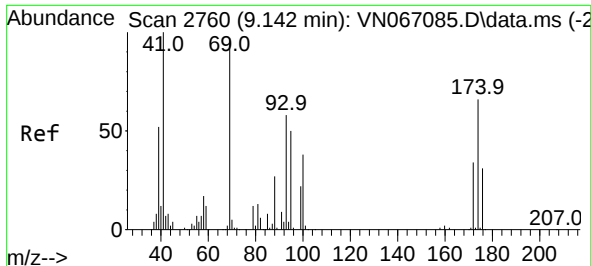
Lab File: VN067110.D

Acq: 17 May 2021 18:35

Tgt Ion:	117	Resp:	52467
Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.2	117.2#
121	0.0	24.7	37.1#



Instrument :
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ClientSampleId :



#48

Methyl methacrylate

Concen: 1.95 ug/l

RT: 9.126 min Scan# 2754

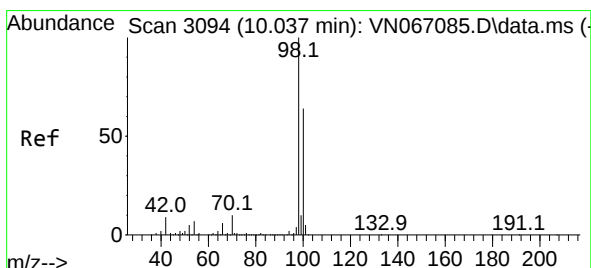
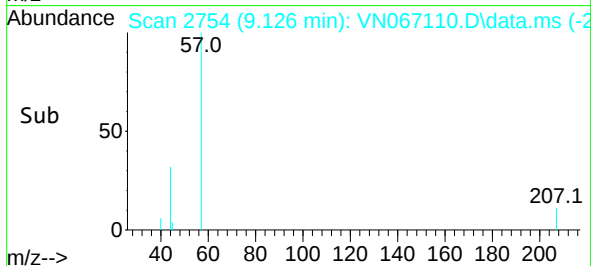
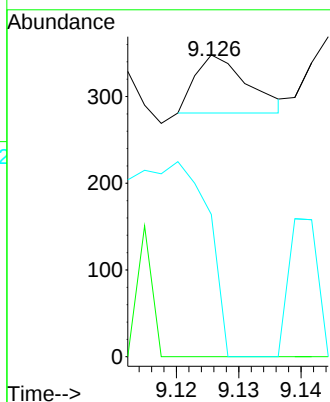
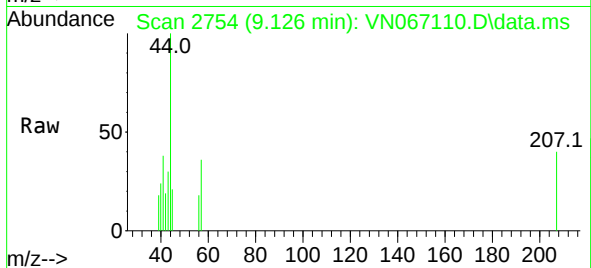
Delta R.T. -0.016 min

Lab File: VN067110.D

Acq: 17 May 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	41	Resp:	39
Ion	Ratio	Lower	Upper
41	100		
69	61.5	80.5	120.7#
39	569.2	41.4	62.0#



#50

Toluene-d8

Concen: 47.24 ug/l

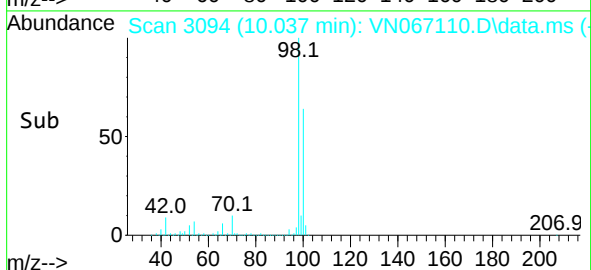
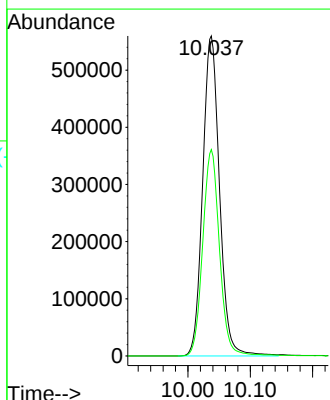
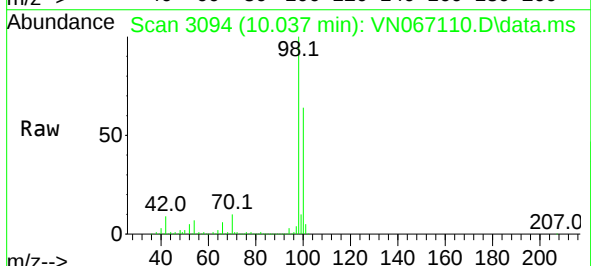
RT: 10.037 min Scan# 3094

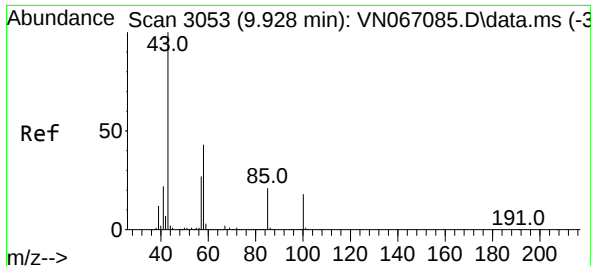
Delta R.T. 0.000 min

Lab File: VN067110.D

Acq: 17 May 2021 18:35

Tgt Ion:	98	Resp:	1051640
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.8

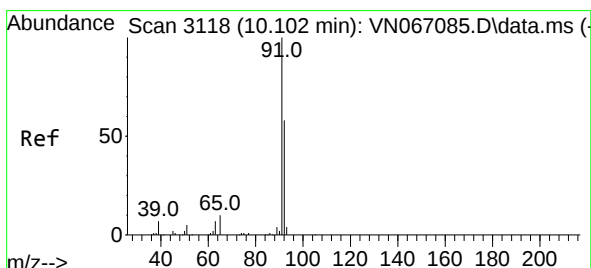
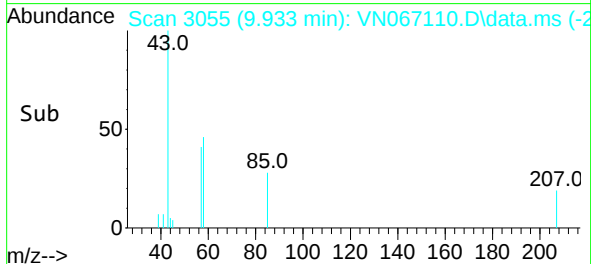
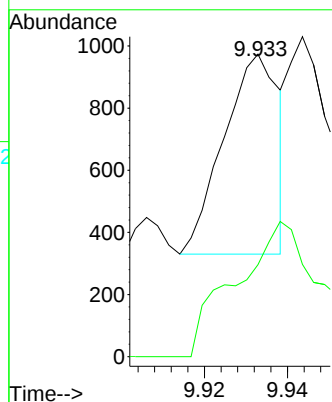
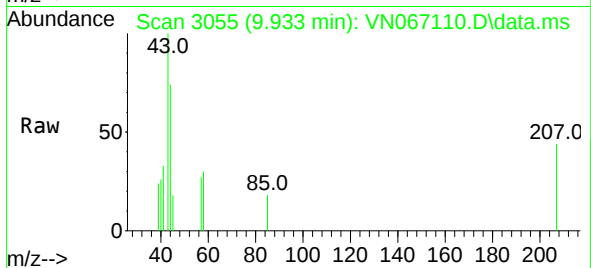




#51
4-Methyl-2-Pentanone
Concen: 5.48 ug/l
RT: 9.933 min Scan# 3055
Delta R.T. 0.005 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

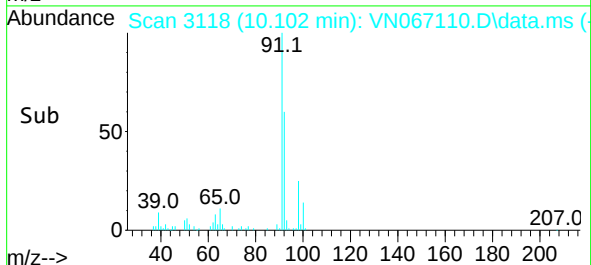
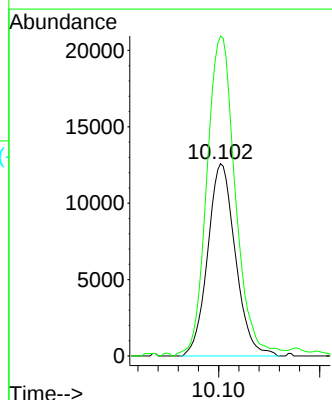
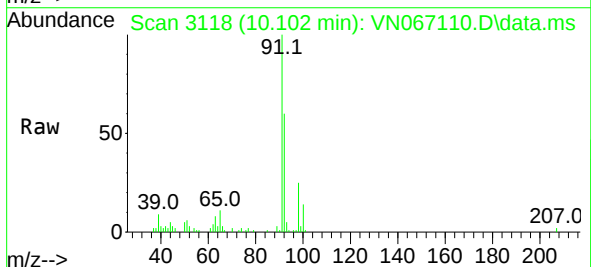
Instrument :
MSVOA_N
ClientSampled :

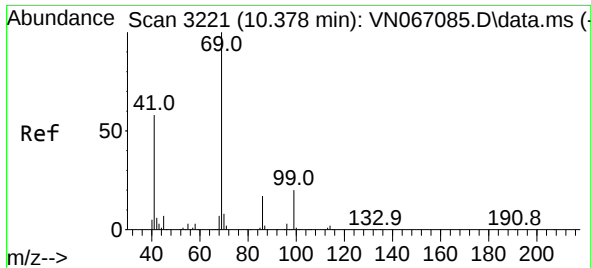
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 101.2 34.5 51.7#



#52
Toluene
Concen: 1.49 ug/l
RT: 10.102 min Scan# 3118
Delta R.T. -0.000 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Tgt Ion: 92 Resp: 23929
Ion Ratio Lower Upper
92 100
91 171.8 138.7 208.1

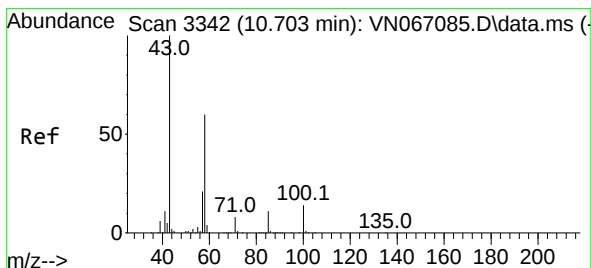
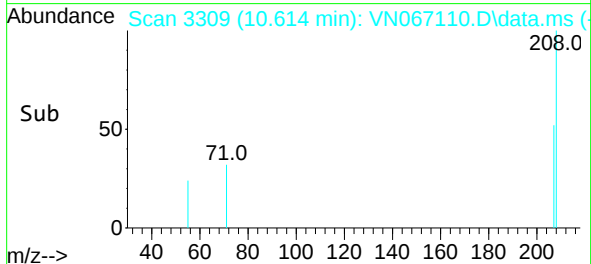
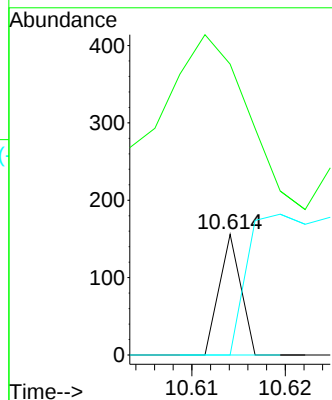
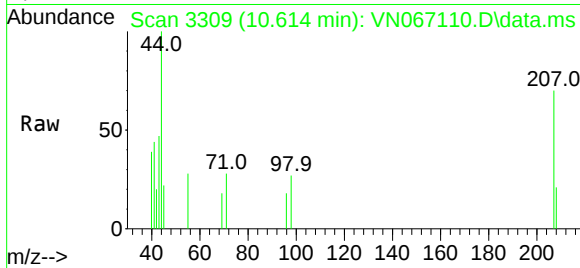




#56
Ethyl methacrylate
Concen: 1.94 ug/l
RT: 10.614 min Scan# 3309
Delta R.T. 0.236 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

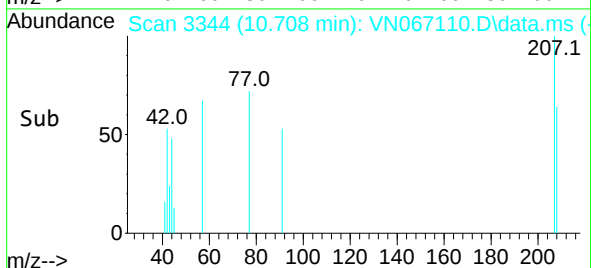
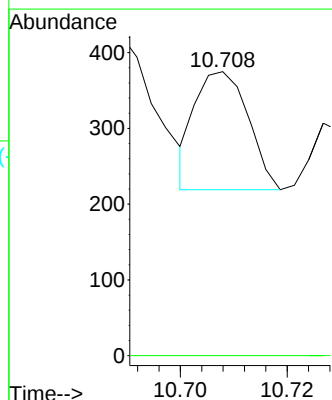
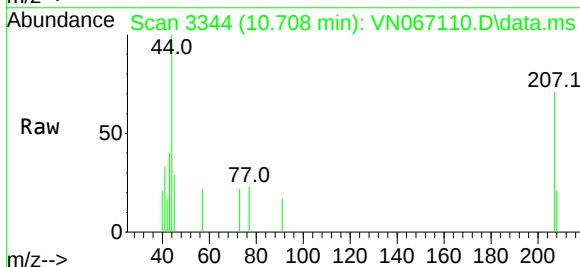
Instrument :
MSVOA_N
ClientSampleId :

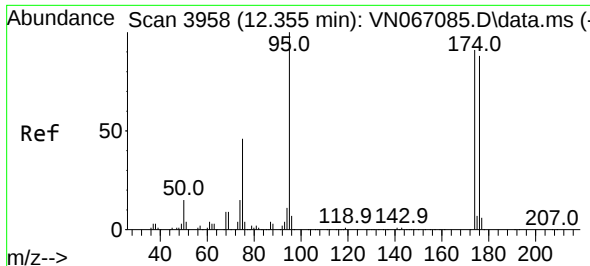
Tgt Ion: 69 Resp: 25
Ion Ratio Lower Upper
69 100
41 616.0 45.5 68.3#
39 0.0 22.9 34.3#



#59
2-Hexanone
Concen: 21.94 ug/l
RT: 10.708 min Scan# 3344
Delta R.T. 0.005 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

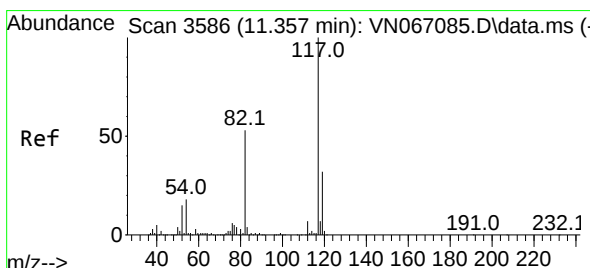
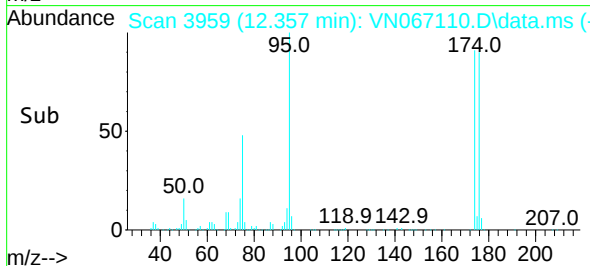
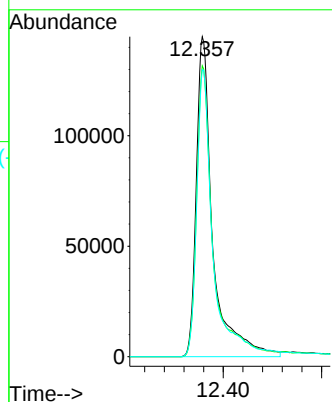
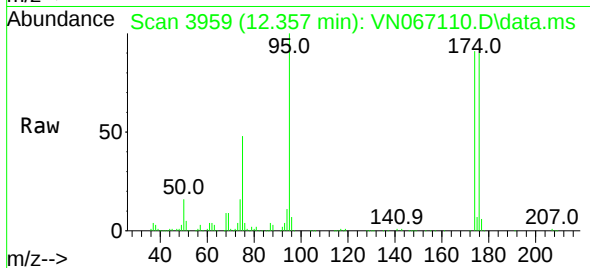




#62
4-Bromofluorobenzene
Concen: 45.24 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

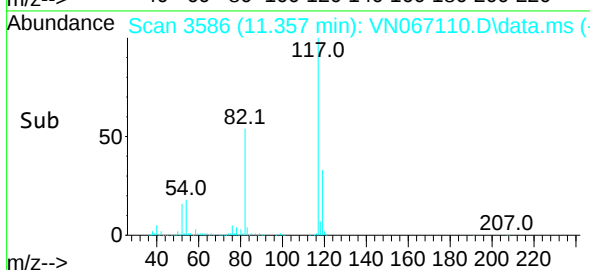
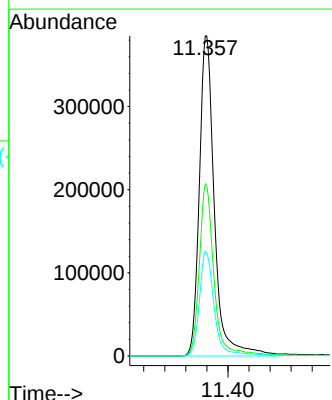
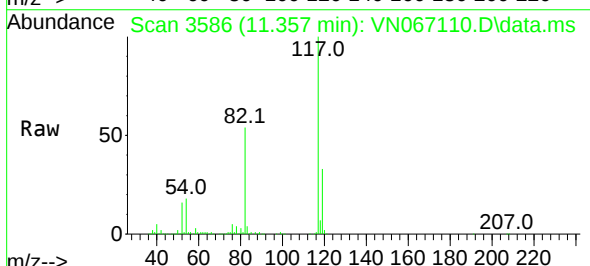
Instrument :
MSVOA_N
ClientSampleId :

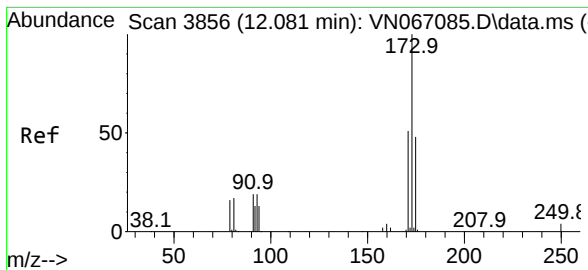
Tgt Ion: 95 Resp: 337364
Ion Ratio Lower Upper
95 100
174 89.3 0.0 182.8
176 87.6 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. -0.000 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Tgt Ion: 117 Resp: 764862
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 32.7 25.8 38.6

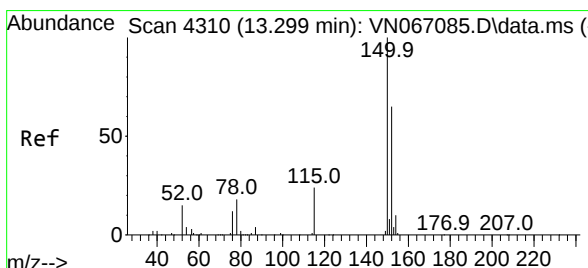
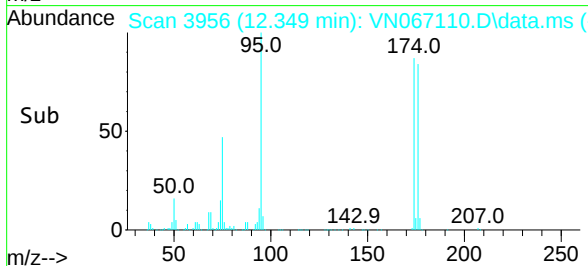
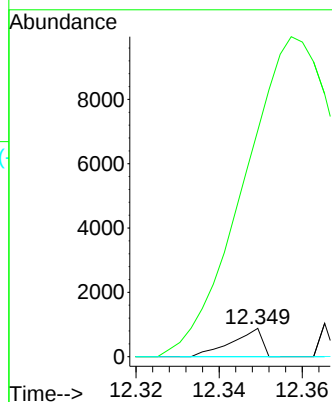
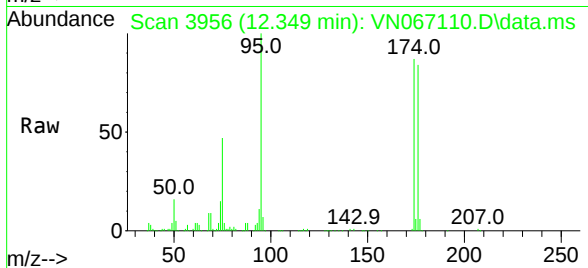




#71
Bromoform
Concen: 1.84 ug/l
RT: 12.349 min Scan# 3956
Delta R.T. 0.268 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

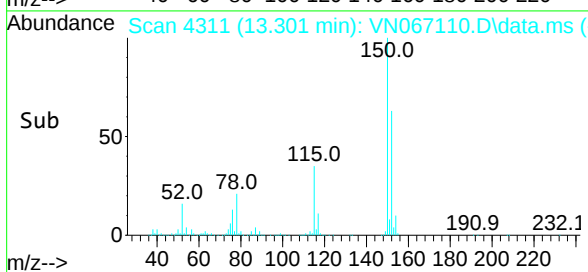
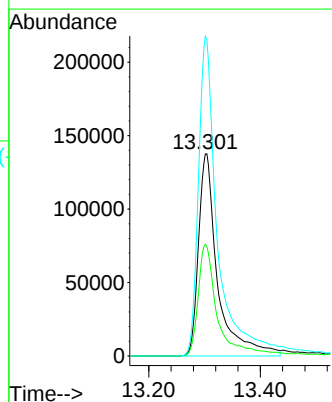
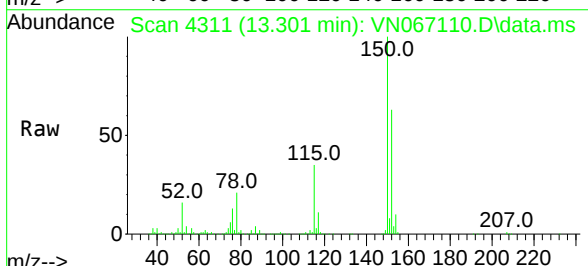
Instrument :
MSVOA_N
ClientSampled :

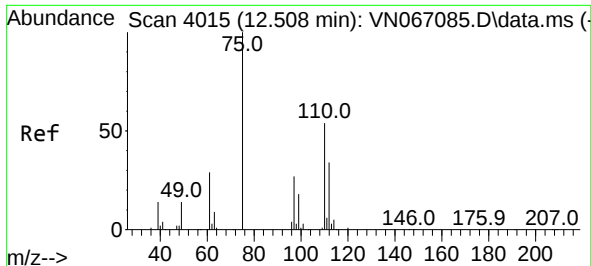
Tgt Ion:173 Resp: 446
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. 0.002 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Tgt Ion:152 Resp: 329290
Ion Ratio Lower Upper
152 100
115 54.0 27.0 80.8
150 161.8 0.0 350.2

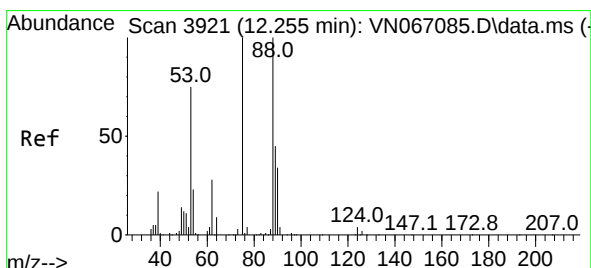
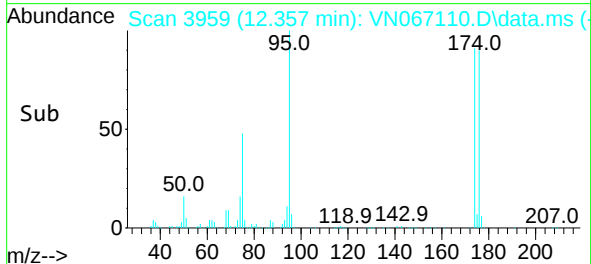
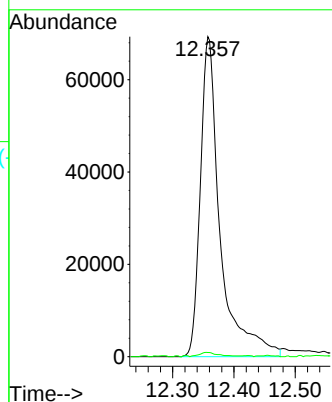
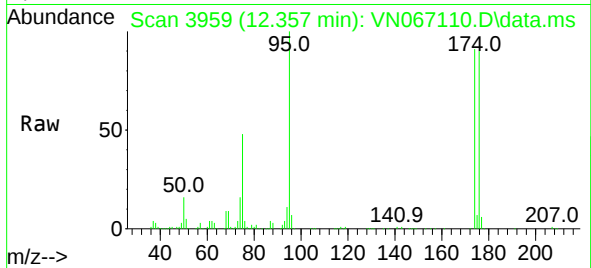




#76
1,2,3-Trichloropropane
Concen: 22.40 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.151 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

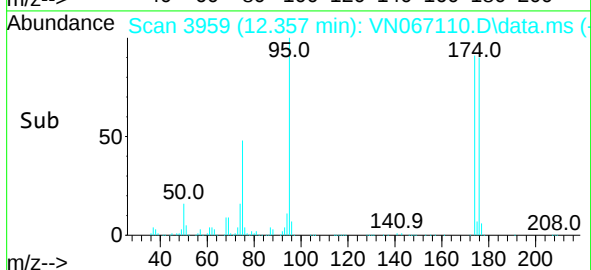
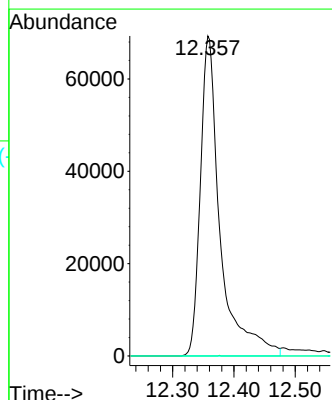
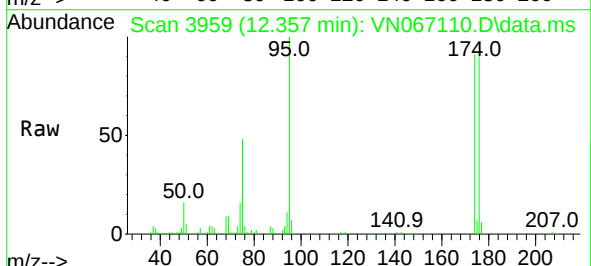
Instrument :
MSVOA_N
ClientSampled :

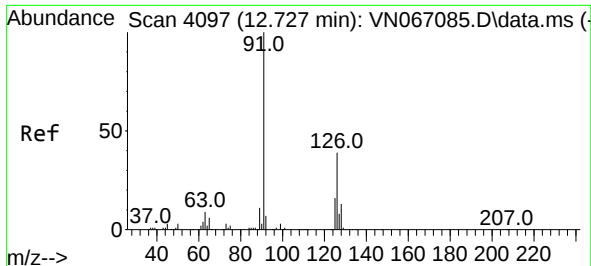
Tgt Ion: 75 Resp: 155683
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.25 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Tgt Ion: 75 Resp: 155683
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

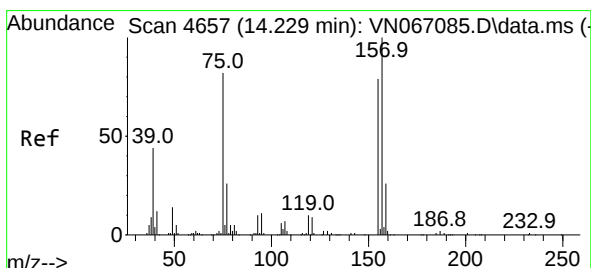
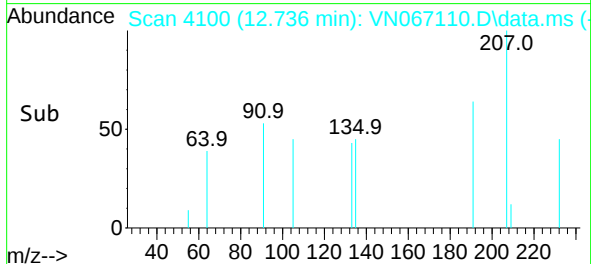
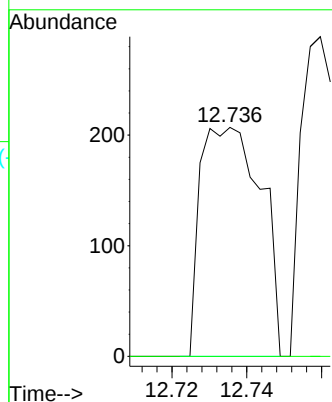
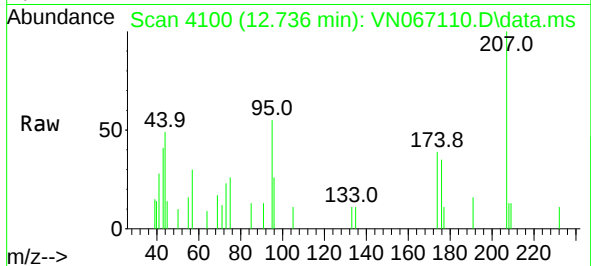




#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.736 min Scan# 4100
Delta R.T. 0.009 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

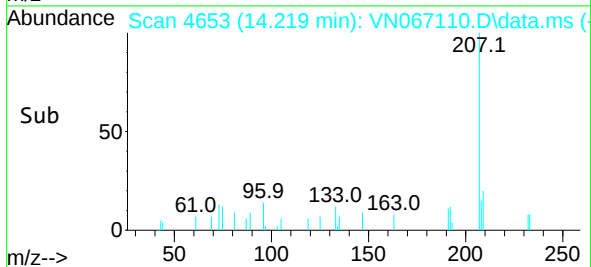
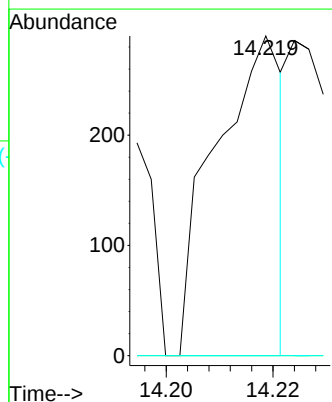
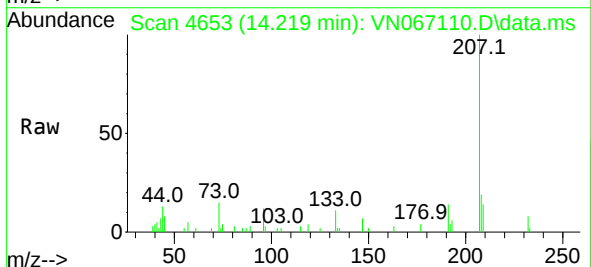
Instrument :
MSVOA_N
ClientSampleId :

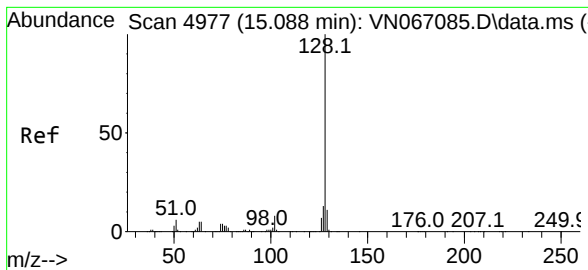
Tgt Ion: 91 Resp: 234
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.20 ug/l
RT: 14.219 min Scan# 4653
Delta R.T. -0.010 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

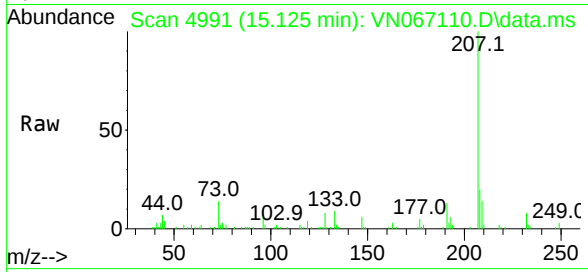
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
155 0.0 49.9 149.7#
157 0.0 63.8 191.4#





#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.125 min Scan# 4991
Delta R.T. 0.037 min
Lab File: VN067110.D
Acq: 17 May 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	3990
Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.2	15.2#
129	6.5	8.6	13.0#

