

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067100.D
 Acq On : 17 May 2021 14:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:08:03 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)

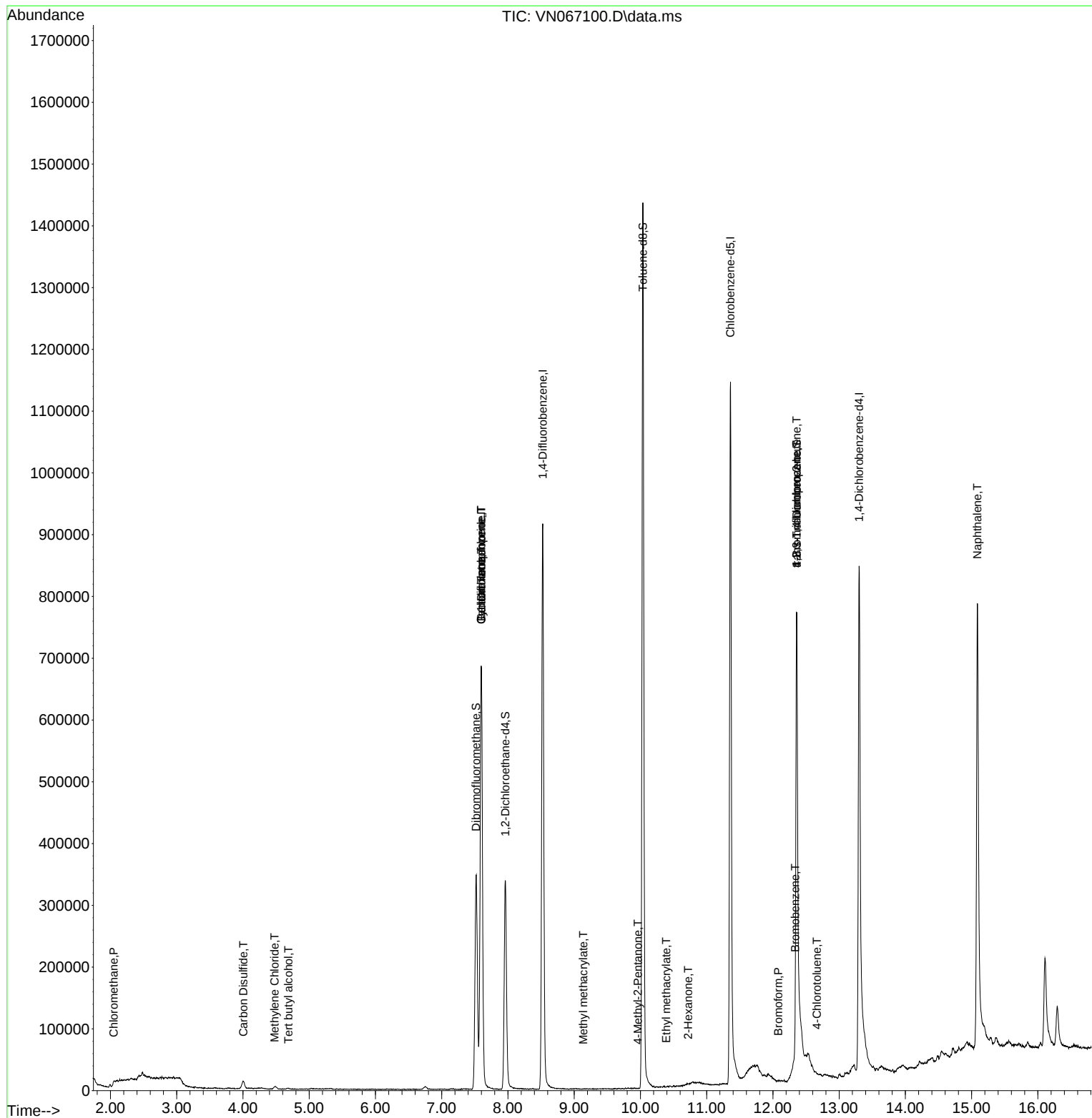
Internal Standards						
1) Pentafluorobenzene	7.597	168	655924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	932717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	823083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.302	152	379674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	306822	43.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.60%		
35) Dibromofluoromethane	7.519	113	279941	45.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.42%		
50) Toluene-d8	10.038	98	1104511	47.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.16%		
62) 4-Bromofluorobenzene	12.358	95	365644	47.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.06%		
Target Compounds						Qvalue
3) Chloromethane	2.048	50	2083	0.29	ug/l	92
11) Tert butyl alcohol	4.684	59	805	0.68	ug/l #	93
13) Acrolein	3.571	56	1103	Below Cal		88
17) Carbon Disulfide	4.006	76	24977	1.51	ug/l	98
20) Methylene Chloride	4.478	84	1713	0.31	ug/l	88
31) Cyclohexane	7.600	56	9683	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	39475	4.64	ug/l #	44
38) Carbon Tetrachloride	7.600	117	54689	6.04	ug/l #	15
48) Methyl methacrylate	9.136	41	298	1.99	ug/l #	28
51) 4-Methyl-2-Pentanone	9.960	43	132	5.42	ug/l #	33
56) Ethyl methacrylate	10.389	69	166	1.96	ug/l #	1
59) 2-Hexanone	10.722	43	150	21.95	ug/l #	21
71) Bromoform	12.081	173	227	1.80	ug/l #	28
76) 1,2,3-Trichloropropane	12.358	75	167915	20.96	ug/l #	100
77) Bromobenzene	12.336	156	28090	3.56	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.358	75	167915	63.18	ug/l #	15
82) 4-Chlorotoluene	12.663	91	245	1.19	ug/l	74
95) Naphthalene	15.088	128	828715	51.27	ug/l	99

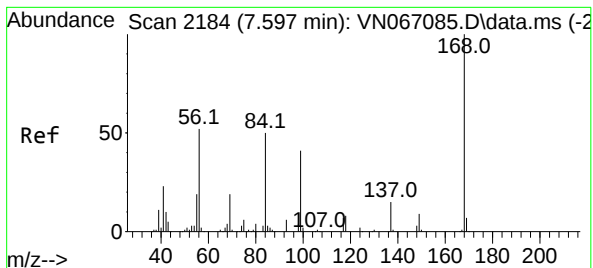
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

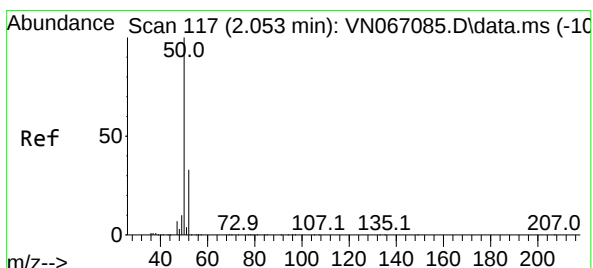
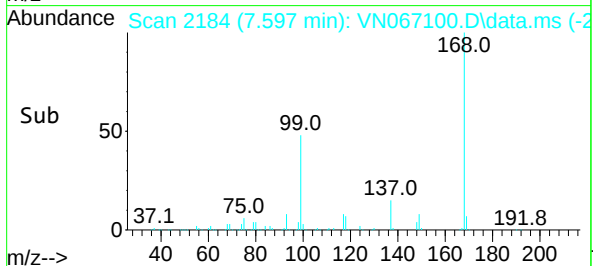
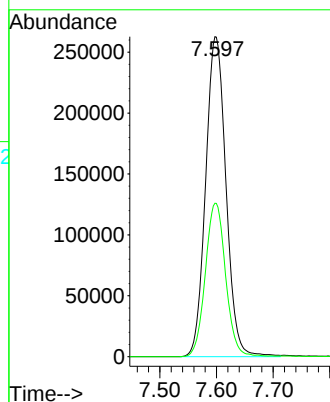
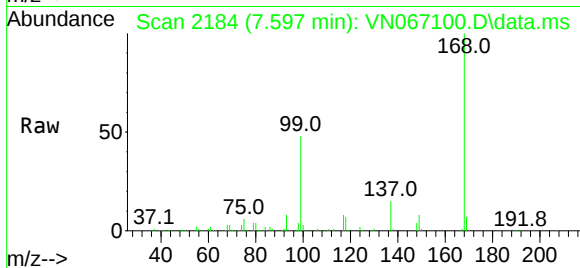




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

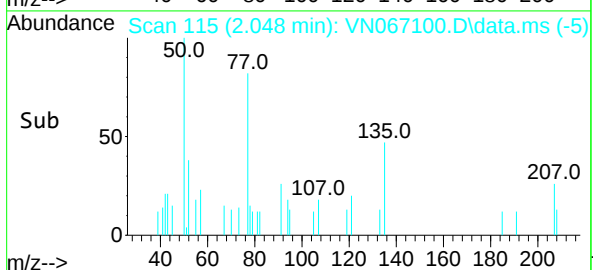
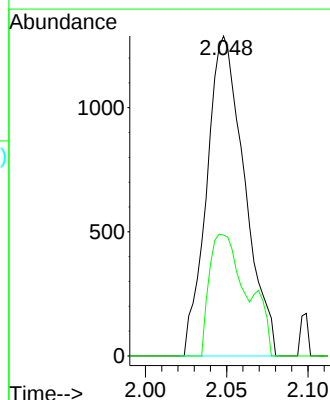
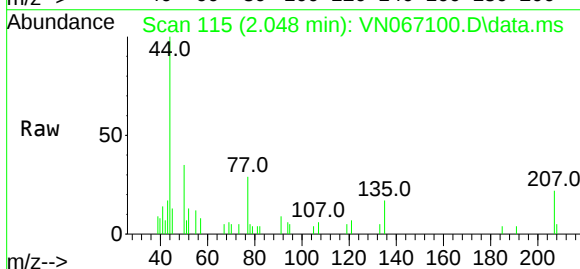
Instrument :
MSVOA_N
ClientSampleId :

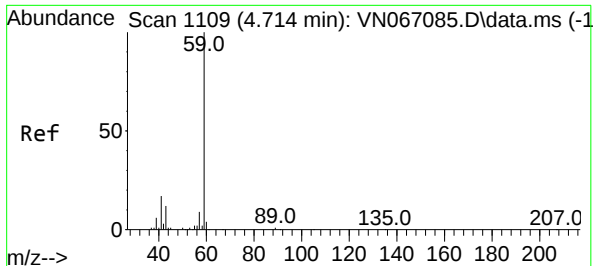
Tgt Ion:168 Resp: 655924
Ion Ratio Lower Upper
168 100
99 47.9 38.5 57.7



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.048 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 50 Resp: 2083
Ion Ratio Lower Upper
50 100
52 37.8 26.5 39.7

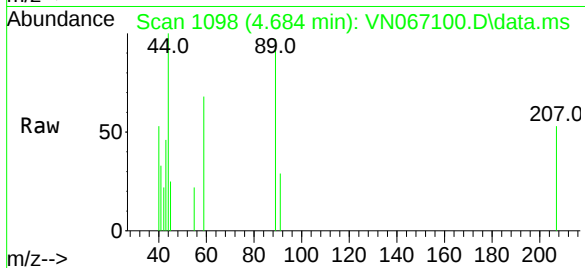




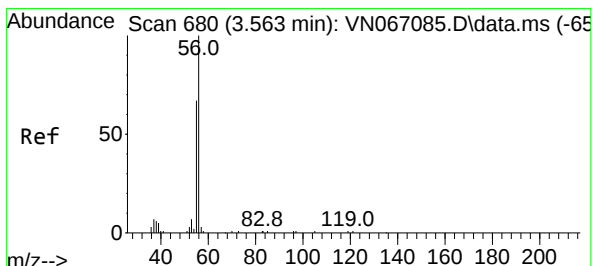
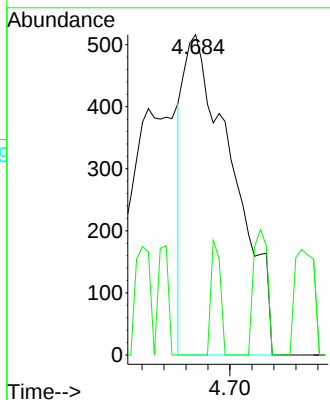
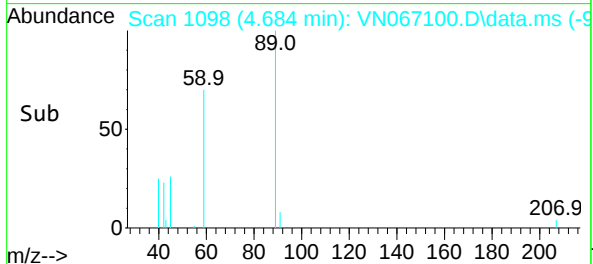
#11

Tert butyl alcohol
Concen: 0.68 ug/l
RT: 4.684 min Scan# 1098
Delta R.T. -0.030 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Instrument :
MSVOA_N
ClientSampled :

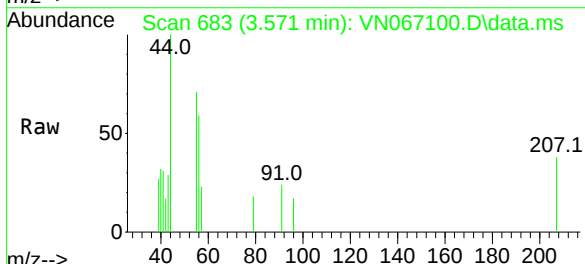


Tgt Ion: 59 Resp: 805
Ion Ratio Lower Upper
59 100
57 6.8 3.5 5.3#

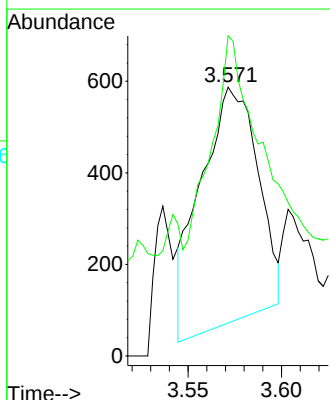
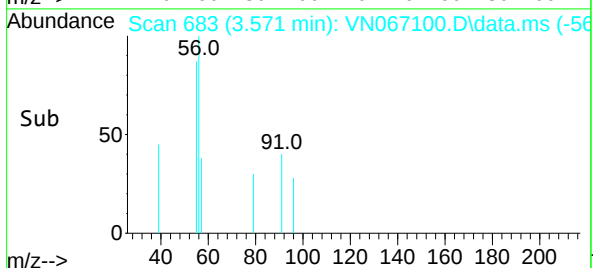


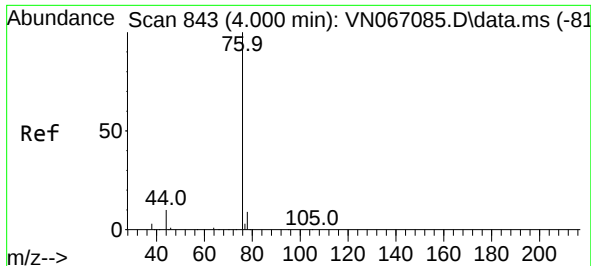
#13

Acrolein
Concen: Below Cal
RT: 3.571 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47



Tgt Ion: 56 Resp: 1103
Ion Ratio Lower Upper
56 100
55 76.7 53.8 80.6

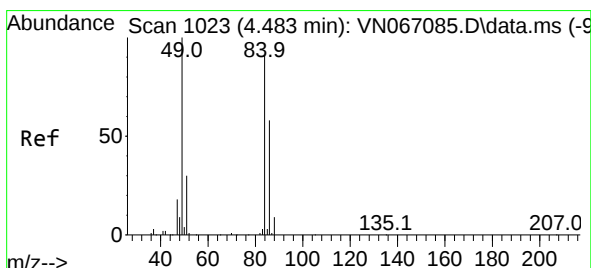
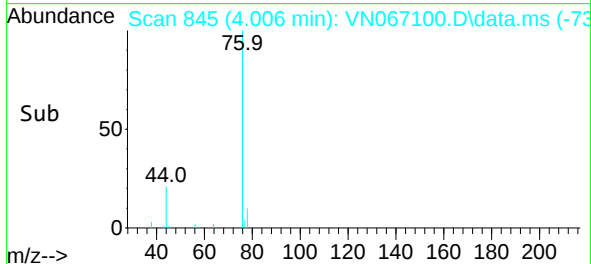
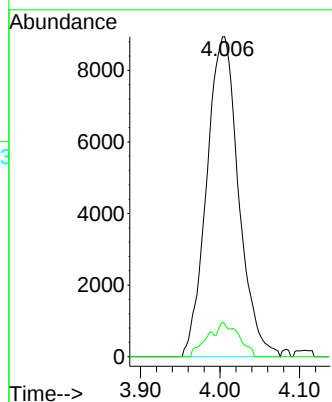
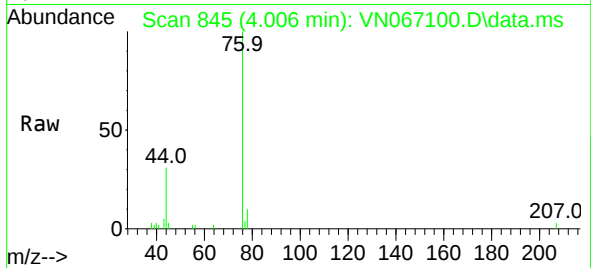




#17
Carbon Disulfide
Concen: 1.51 ug/l
RT: 4.006 min Scan# 845
Delta R.T. 0.006 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

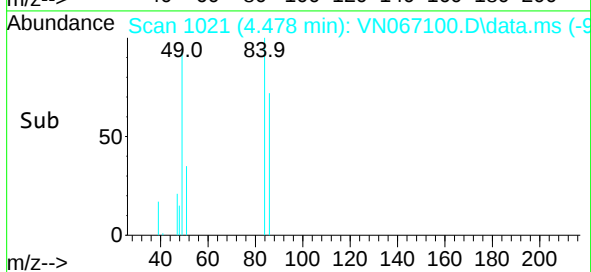
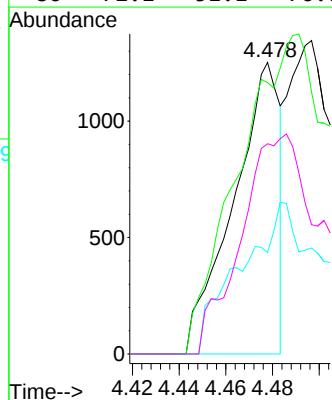
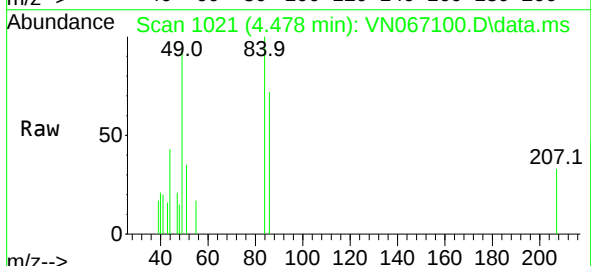
Instrument :
MSVOA_N
ClientSampled :

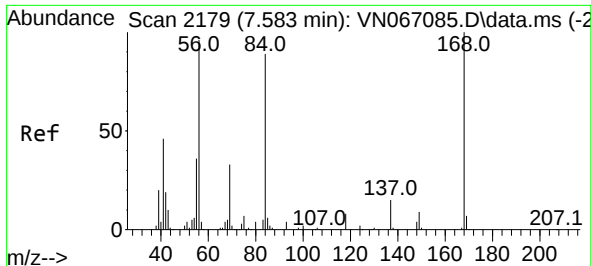
Tgt Ion: 76 Resp: 24977
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.478 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

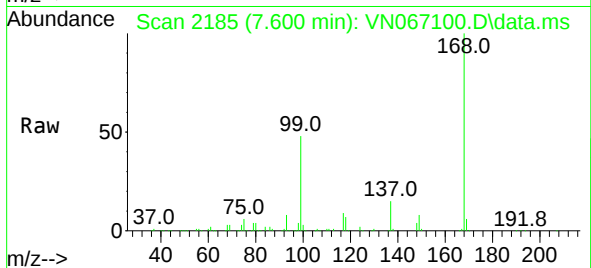
Tgt Ion: 84 Resp: 1713
Ion Ratio Lower Upper
84 100
49 93.1 88.3 132.5
51 34.8 26.7 40.1
86 72.1 51.1 76.7



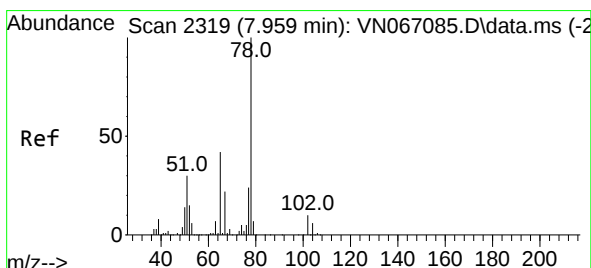
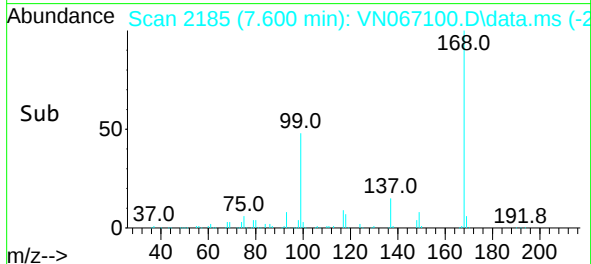
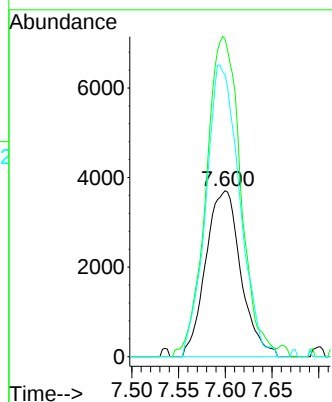


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.017 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Instrument :
MSVOA_N
ClientSampleId :

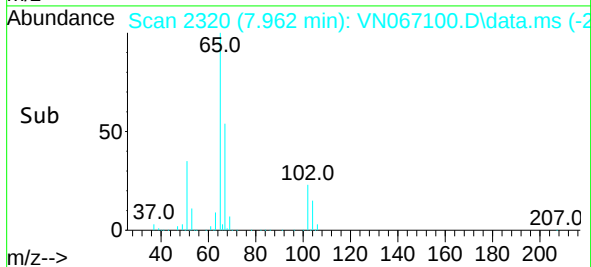
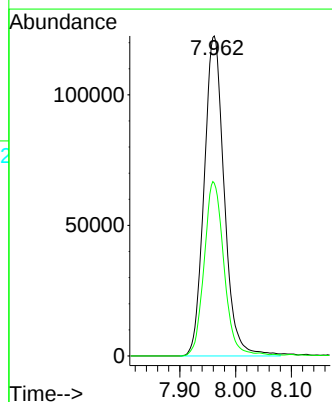
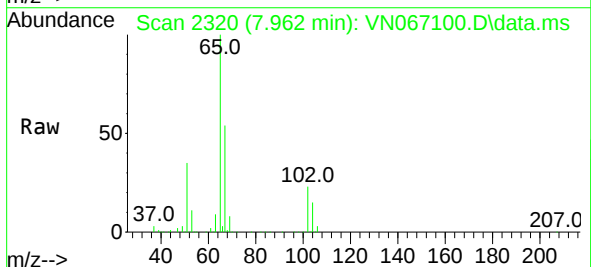


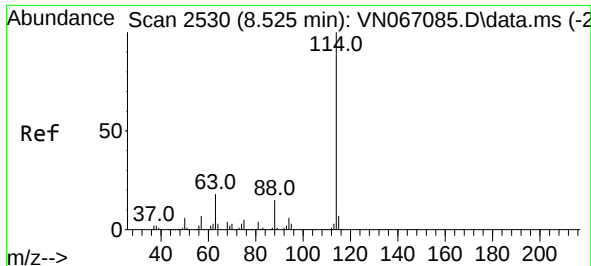
Tgt Ion: 56 Resp: 9683
Ion Ratio Lower Upper
56 100
69 186.9 28.0 42.0#
84 170.0 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 43.30 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 65 Resp: 306822
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.4

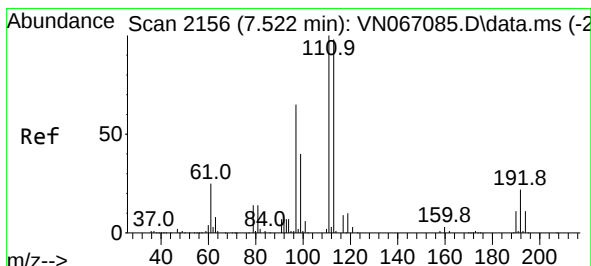
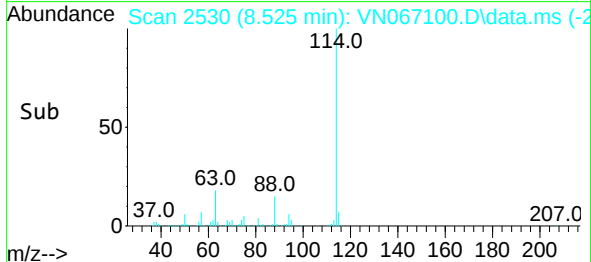
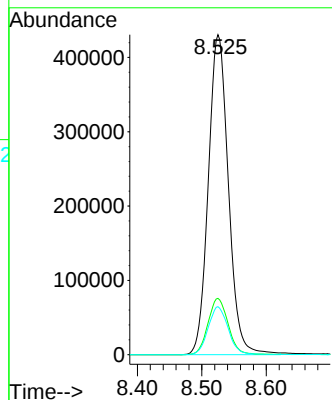
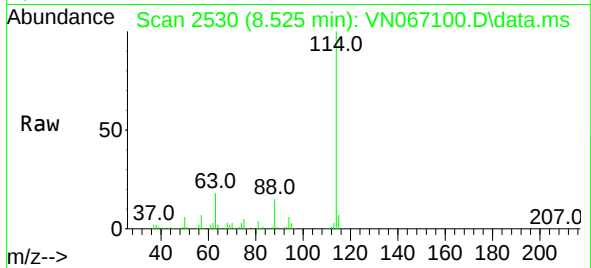




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

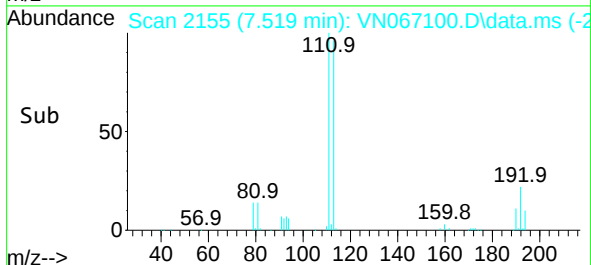
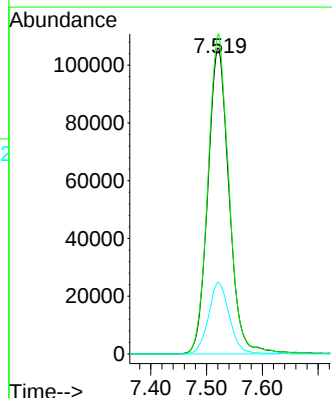
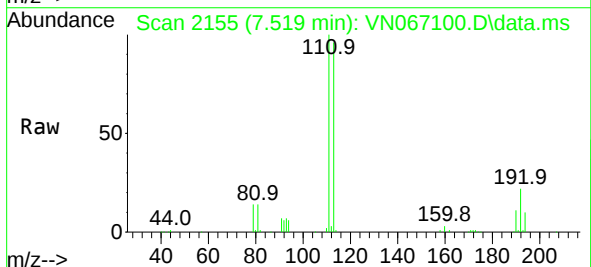
Instrument :
MSVOA_N
ClientSampleId :

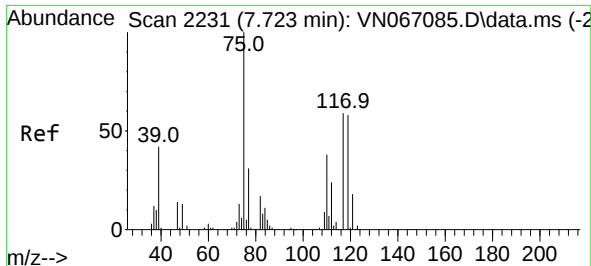
Tgt Ion:114 Resp: 932717
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 15.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 45.71 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion:113 Resp: 279941
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 23.1 18.2 27.4

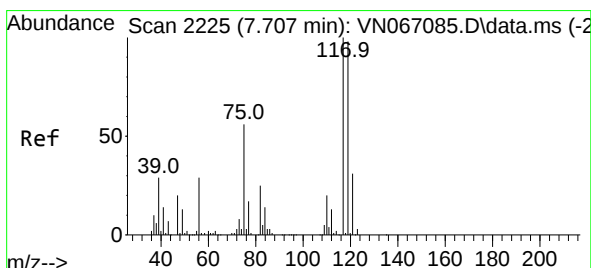
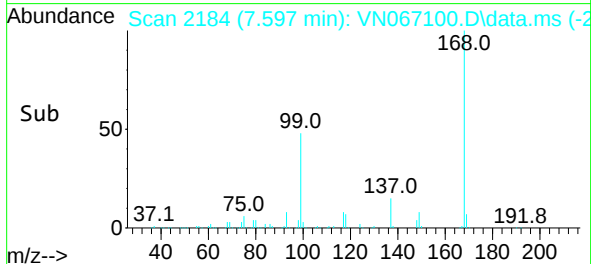
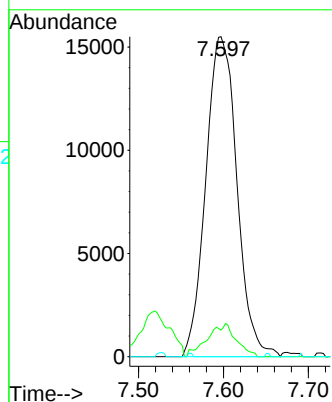
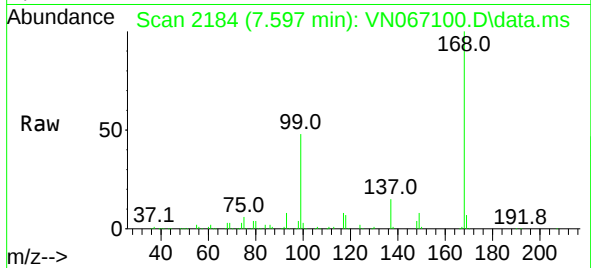




#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

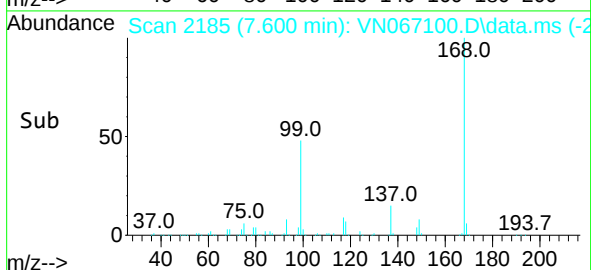
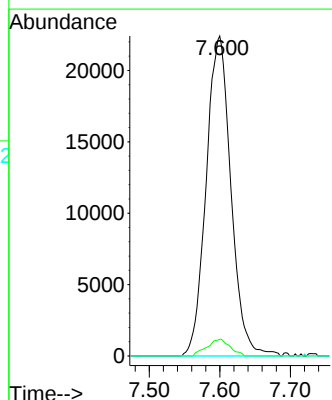
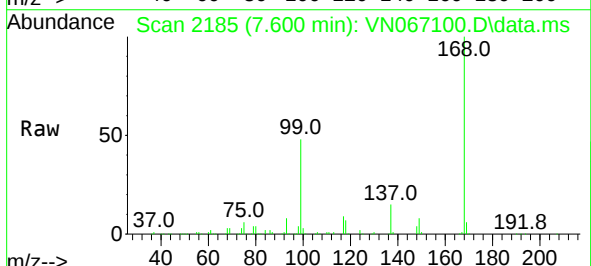
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MSVOA_N
ClientSampled :

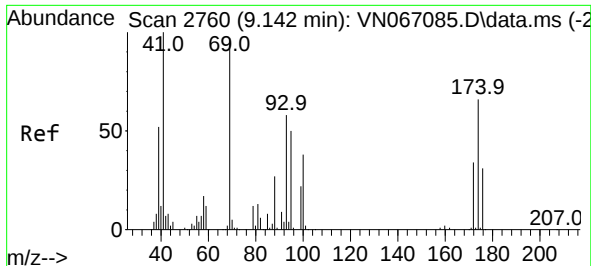
Tgt Ion: 75 Resp: 39475
Ion Ratio Lower Upper
75 100
110 4.9 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

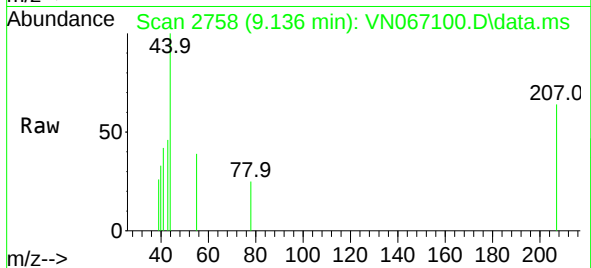
Tgt Ion: 117 Resp: 54689
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.7 37.1#



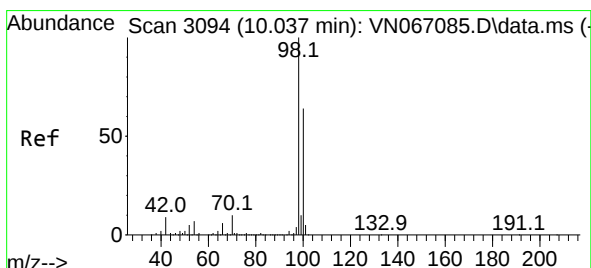
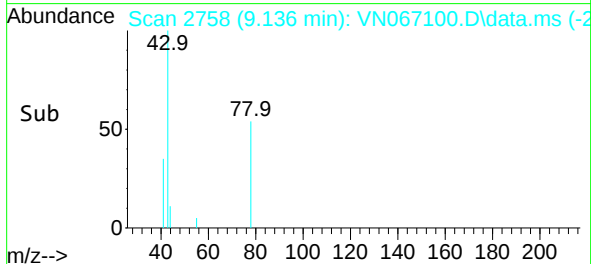
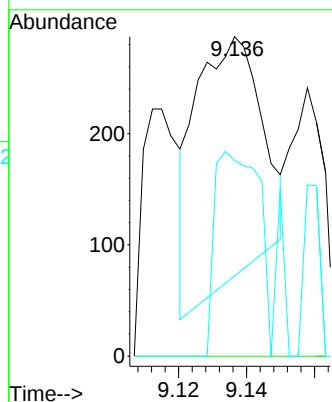


#48
Methyl methacrylate
Concen: 1.99 ug/l
RT: 9.136 min Scan# 2758
Delta R.T. -0.006 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Instrument :
MSVOA_N
ClientSampled :

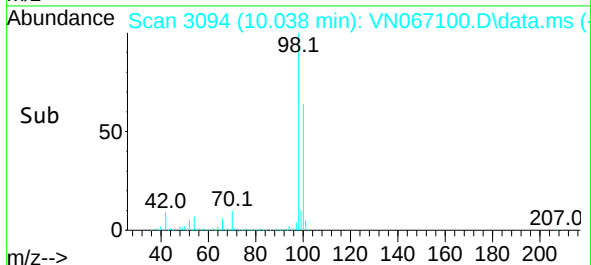
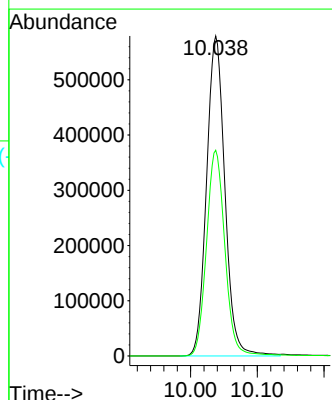
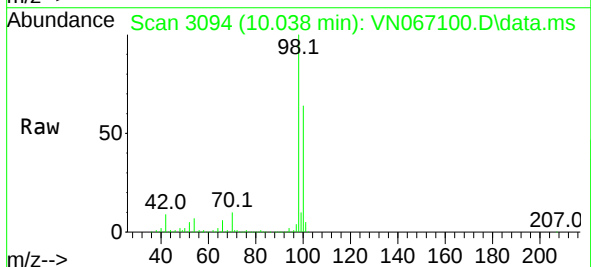


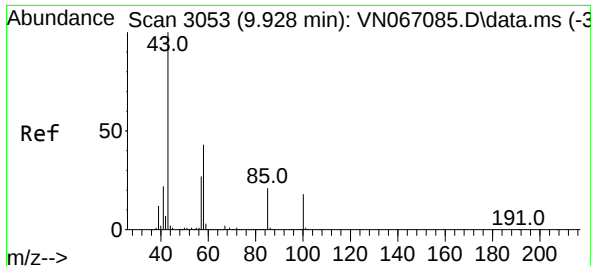
Tgt Ion: 41 Resp: 298
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 63.8 41.4 62.0#



#50
Toluene-d8
Concen: 47.58 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 98 Resp: 1104511
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

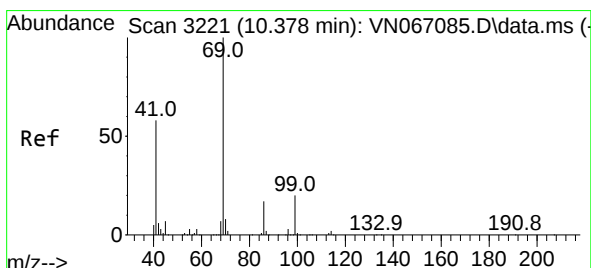
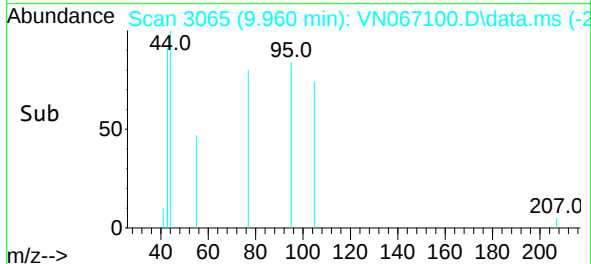
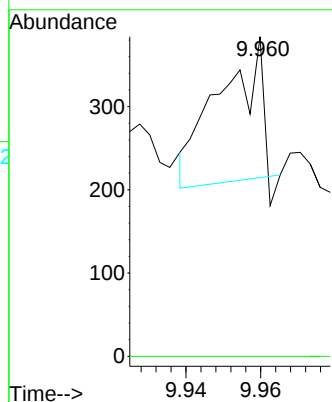
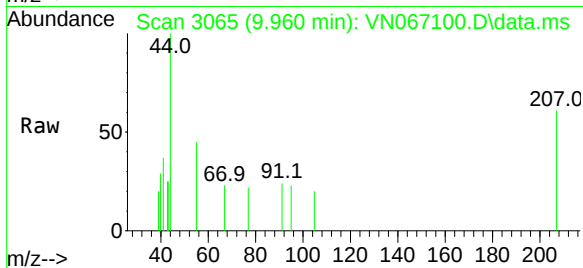




#51
4-Methyl-2-Pentanone
Concen: 5.42 ug/l
RT: 9.960 min Scan# 3065
Delta R.T. 0.032 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

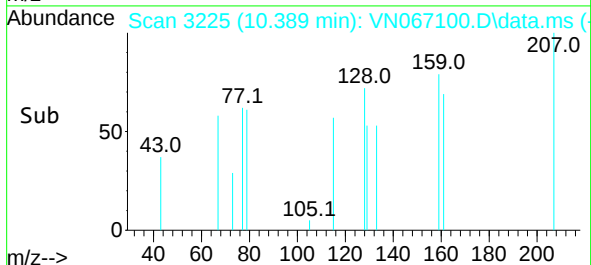
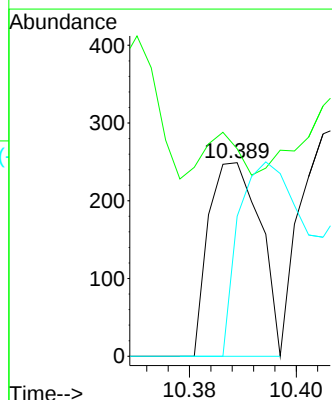
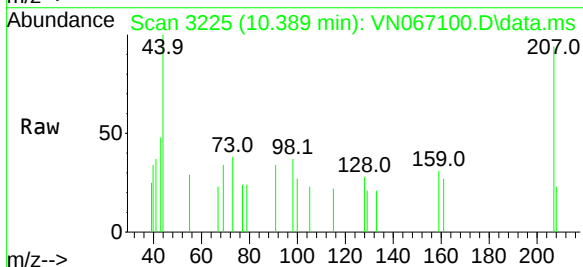
Instrument :
MSVOA_N
ClientSampled :

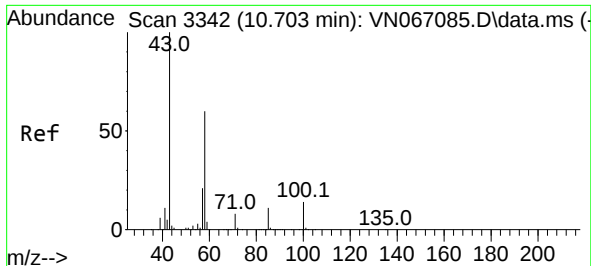
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#



#56
Ethyl methacrylate
Concen: 1.96 ug/l
RT: 10.389 min Scan# 3225
Delta R.T. 0.011 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 69 Resp: 166
Ion Ratio Lower Upper
69 100
41 15.7 45.5 68.3#
39 135.5 22.9 34.3#

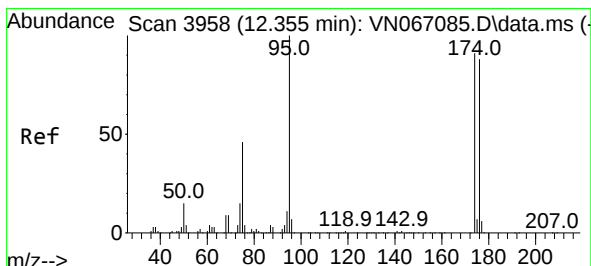
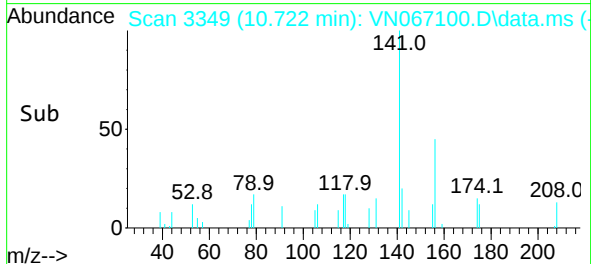
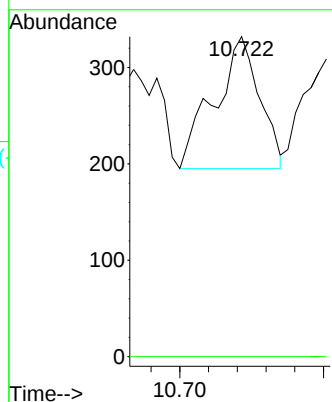
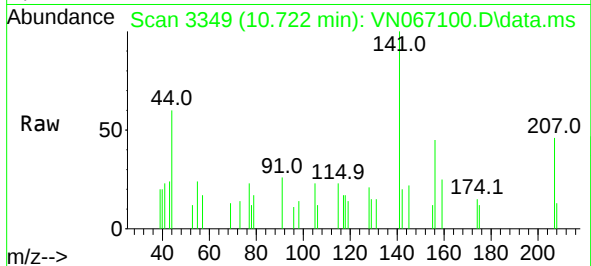




#59
2-Hexanone
Concen: 21.95 ug/l
RT: 10.722 min Scan# 3349
Delta R.T. 0.019 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

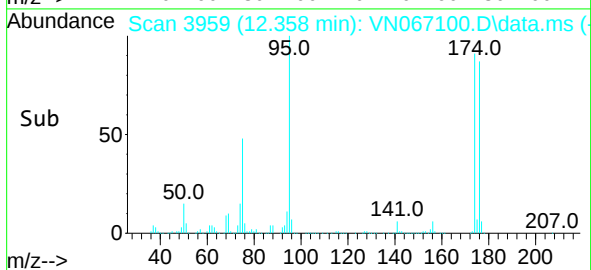
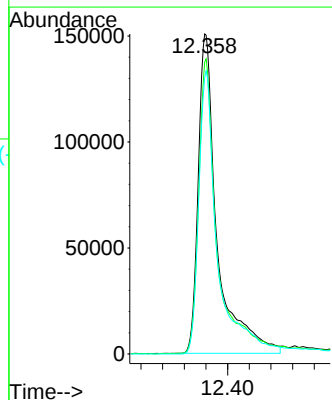
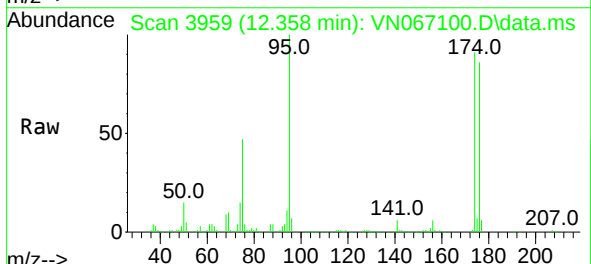
Instrument :
MSVOA_N
ClientSampled :

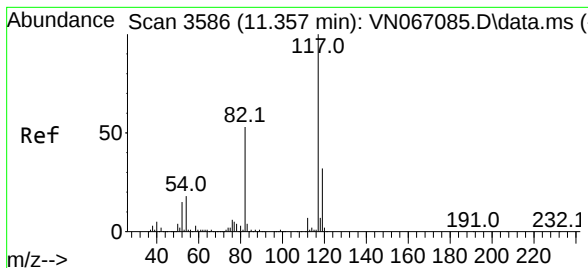
Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 47.03 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 95 Resp: 365644
Ion Ratio Lower Upper
95 100
174 90.0 0.0 182.8
176 89.3 0.0 176.6

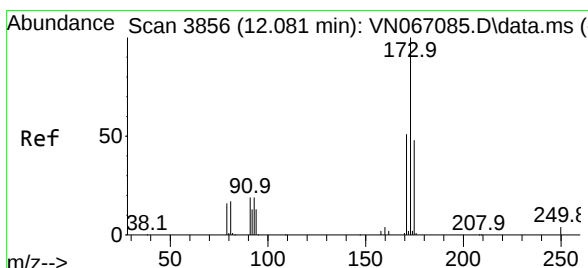
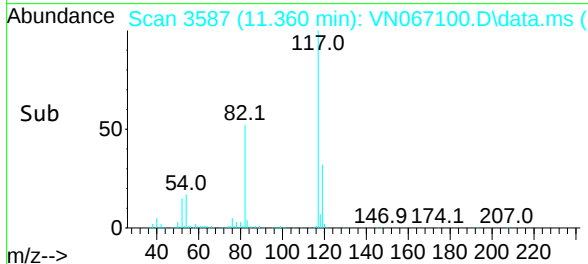
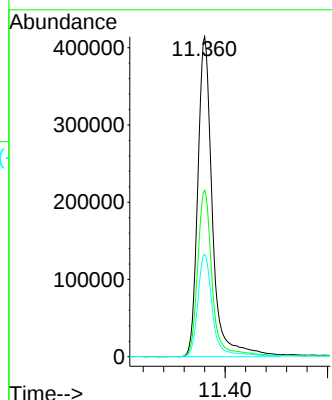
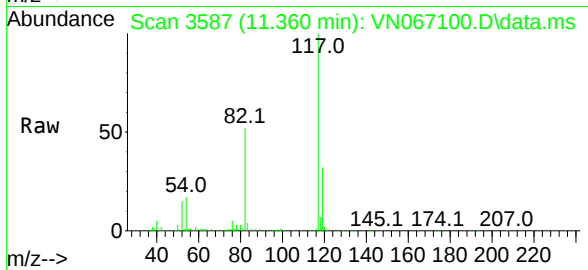




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

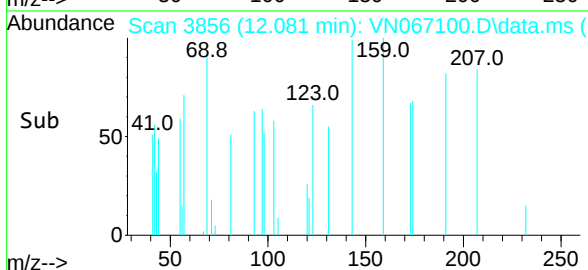
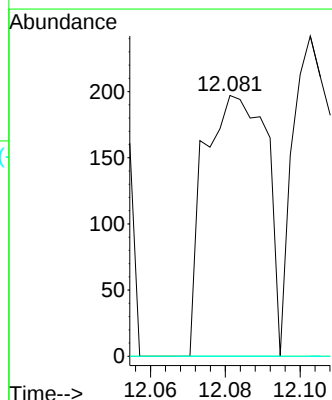
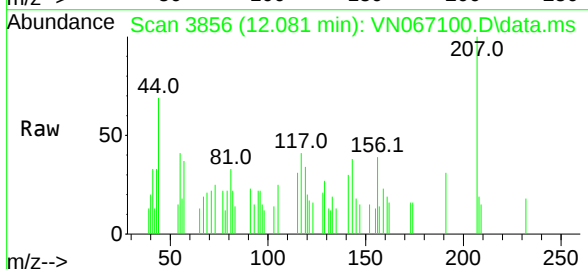
Instrument :
MSVOA_N
ClientSampled :

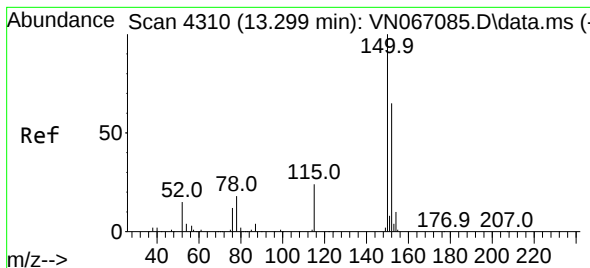
Tgt Ion:117 Resp: 823083
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 1.80 ug/l
RT: 12.081 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion:173 Resp: 227
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

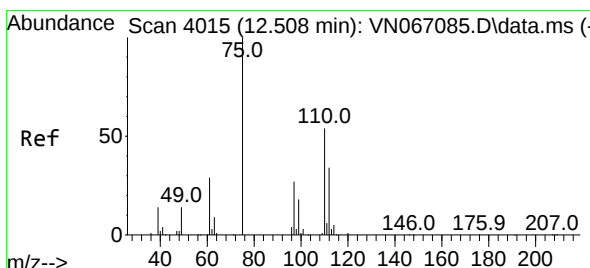
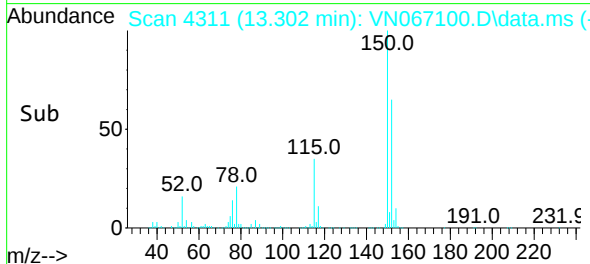
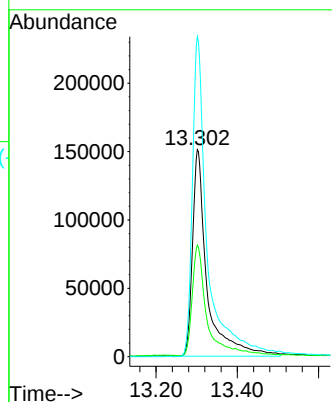
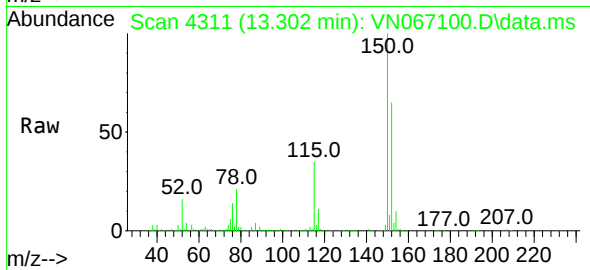




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.302 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

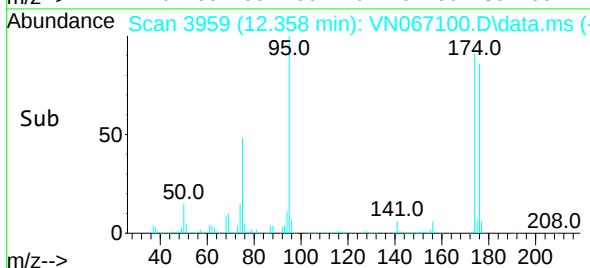
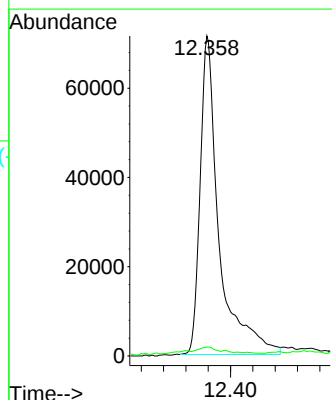
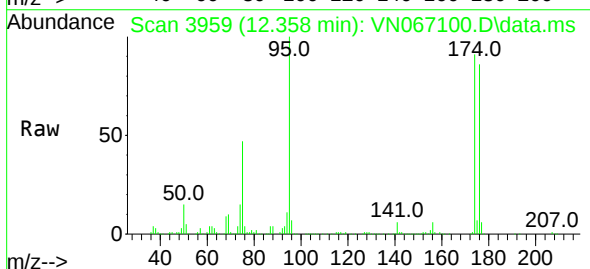
Instrument :
MSVOA_N
ClientSampled :

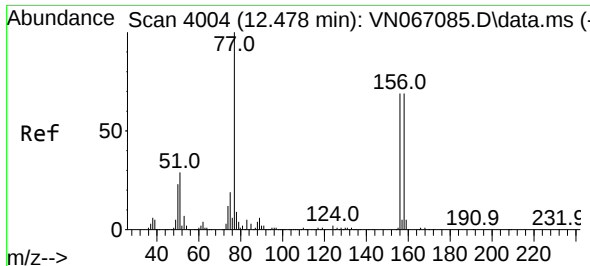
Tgt Ion:152 Resp: 379674
Ion Ratio Lower Upper
152 100
115 49.6 27.0 80.8
150 157.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 20.96 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. -0.150 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 75 Resp: 167915
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

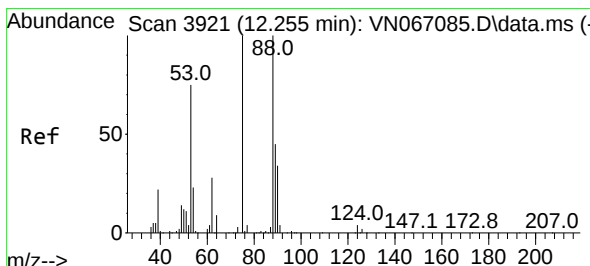
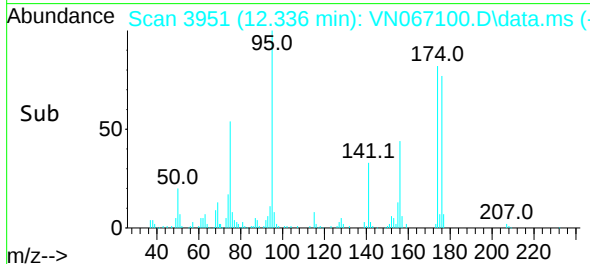
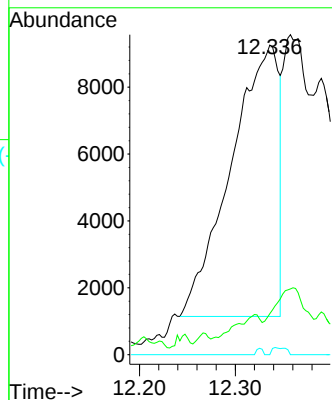
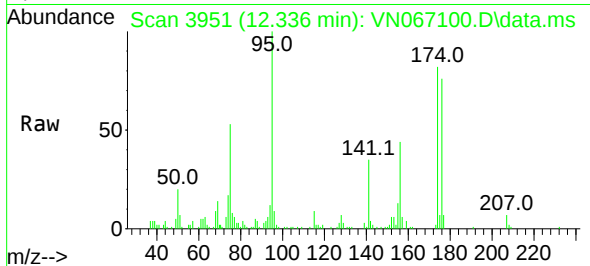




#77
Bromobenzene
Concen: 3.56 ug/l
RT: 12.336 min Scan# 3951
Delta R.T. -0.142 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

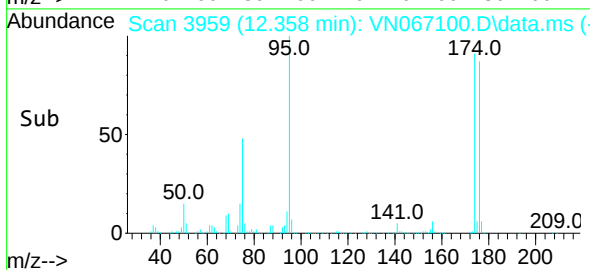
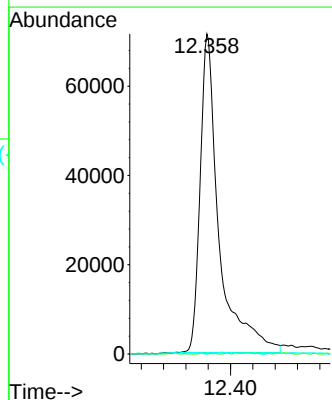
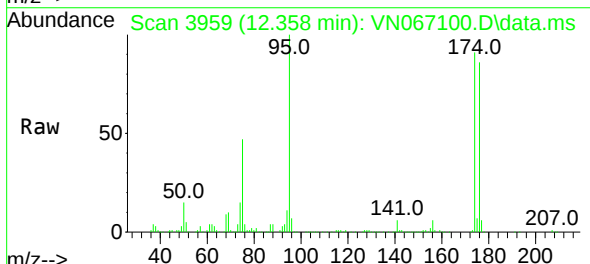
Instrument :
MSVOA_N
ClientSampled :

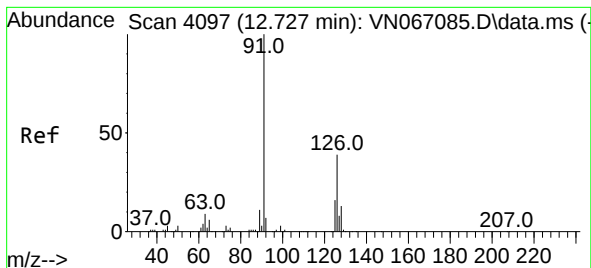
Tgt Ion:156 Resp: 28090
Ion Ratio Lower Upper
156 100
77 0.0 87.9 263.8#
158 0.8 49.0 147.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.18 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 75 Resp: 167915
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.1 39.5 59.3#

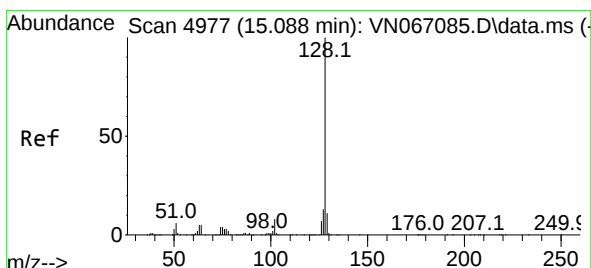
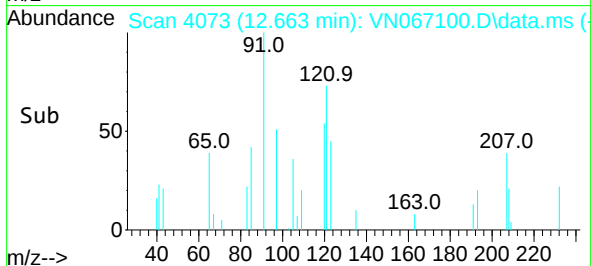
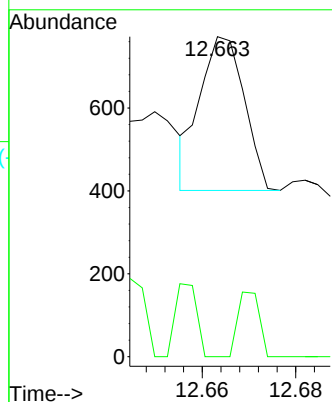
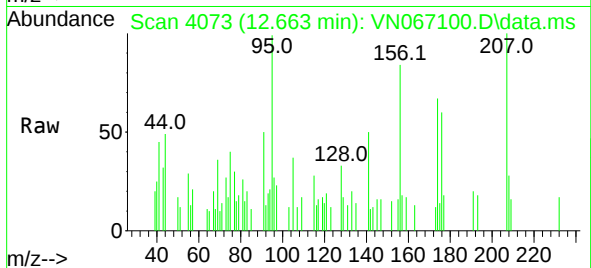




#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.663 min Scan# 4073
Delta R.T. -0.064 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 245
Ion Ratio Lower Upper
91 100
126 20.4 17.7 53.1



#95
Naphthalene
Concen: 51.27 ug/l
RT: 15.088 min Scan# 4977
Delta R.T. -0.000 min
Lab File: VN067100.D
Acq: 17 May 2021 14:47

Tgt Ion: 128 Resp: 828715
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.7 8.6 13.0

