

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067120.D
 Acq On : 18 May 2021 12:00
 Operator : JC/MD
 Sample : VN0518WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 02:46:50 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)

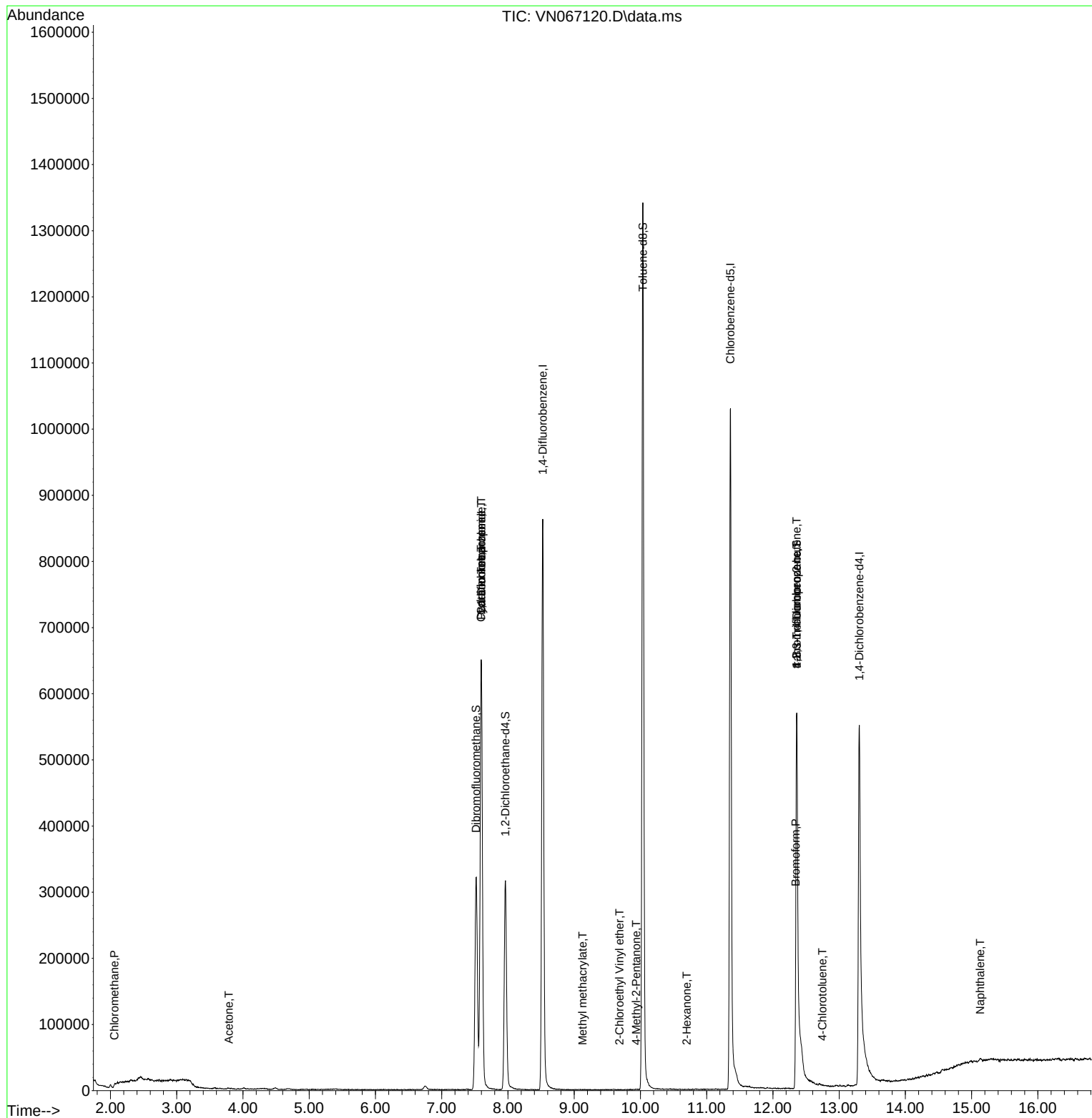
Internal Standards						
1) Pentafluorobenzene	7.600	168	620776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	863655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	742777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	282090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	284855	42.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.96%		
35) Dibromofluoromethane	7.519	113	261532	46.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.24%		
50) Toluene-d8	10.037	98	1024129	47.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.30%		
62) 4-Bromofluorobenzene	12.360	95	308158	42.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.60%		
Target Compounds						Qvalue
3) Chloromethane	2.059	50	2006	0.29	ug/l	97
13) Acrolein	3.563	56	753	Below Cal		100
16) Acetone	3.786	43	1148	0.55	ug/l #	67
31) Cyclohexane	7.594	56	9371	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	37024	4.70	ug/l #	48
38) Carbon Tetrachloride	7.597	117	52479	6.26	ug/l #	14
48) Methyl methacrylate	9.126	41	180	1.97	ug/l #	9
51) 4-Methyl-2-Pentanone	9.938	43	130	5.42	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.683	63	27	4.57	ug/l #	45
59) 2-Hexanone	10.700	43	286	21.98	ug/l #	21
71) Bromoform	12.344	173	152	1.79	ug/l #	28
76) 1,2,3-Trichloropropane	12.360	75	121602	20.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.360	75	121602	61.69	ug/l #	15
82) 4-Chlorotoluene	12.746	91	289	1.20	ug/l #	39
95) Naphthalene	15.128	128	1365	3.36	ug/l	99

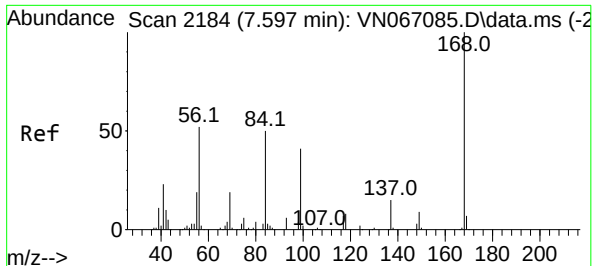
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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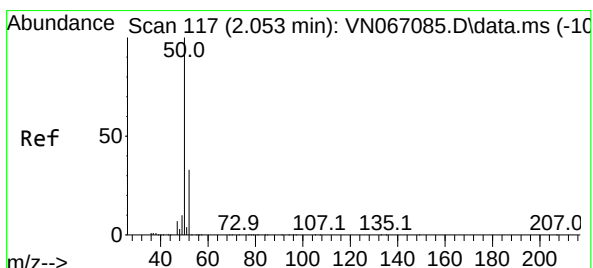
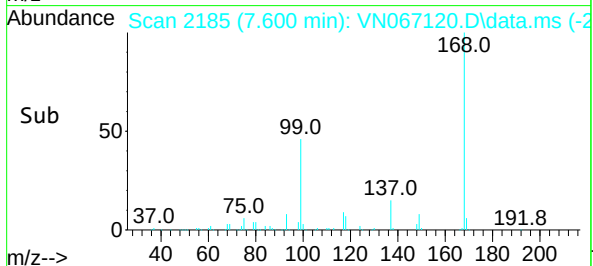
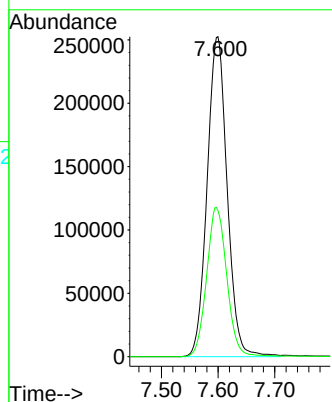
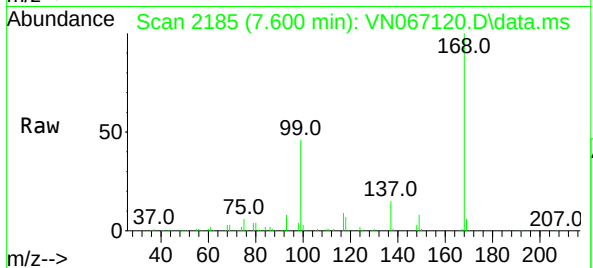




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

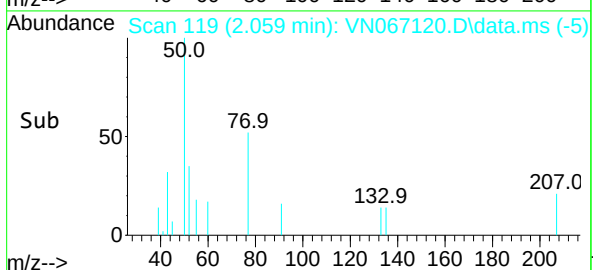
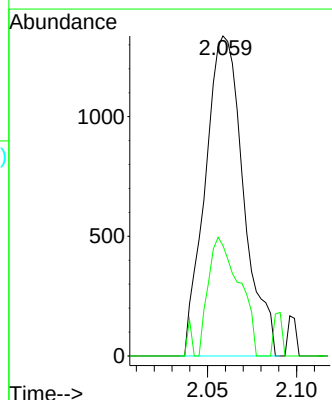
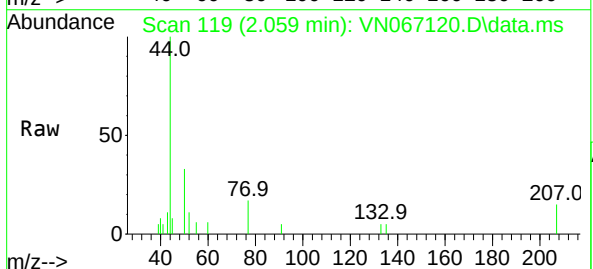
Instrument :
MSVOA_N
ClientSampled :

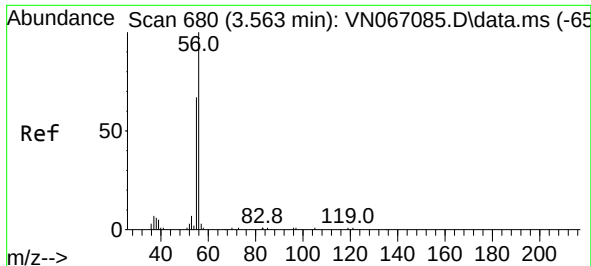
Tgt Ion:168 Resp: 620776
Ion Ratio Lower Upper
168 100
99 45.7 38.5 57.7



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.059 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion: 50 Resp: 2006
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

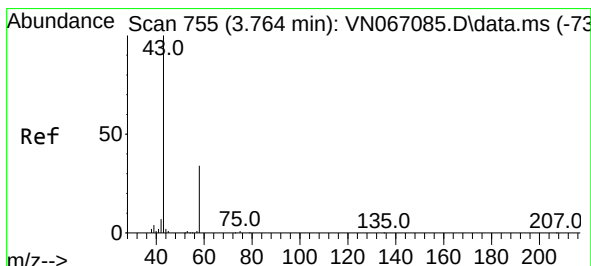
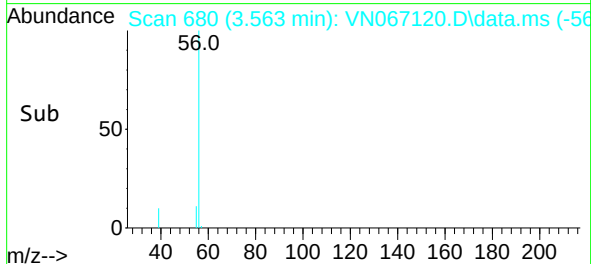
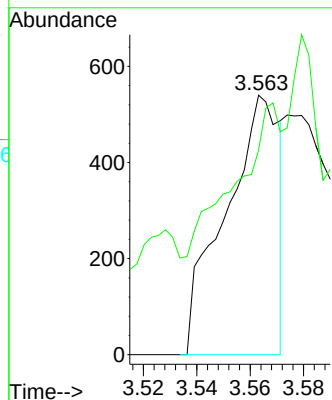
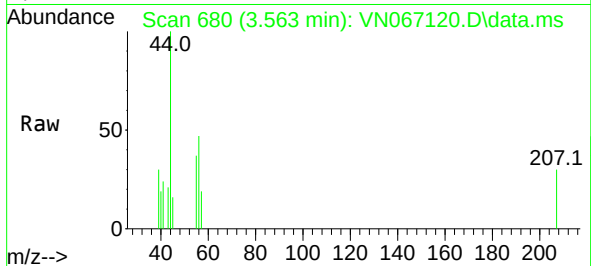




#13
Acrolein
Concen: Below Cal
RT: 3.563 min Scan# 680
Delta R.T. 0.000 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

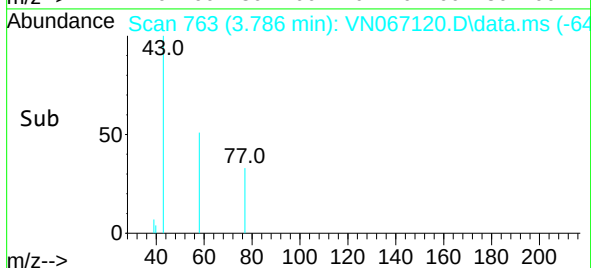
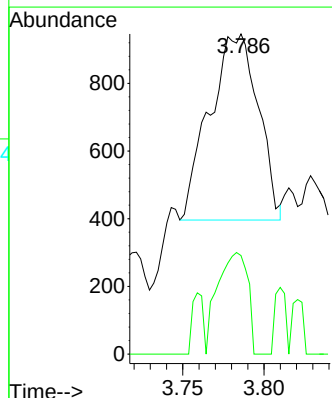
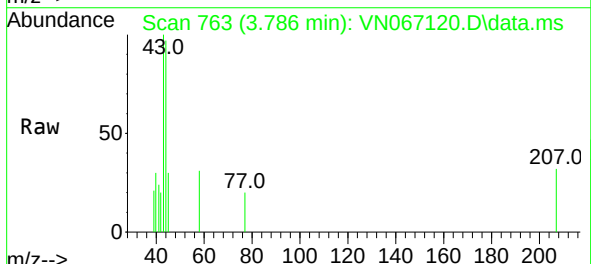
Instrument :
MSVOA_N
ClientSampled :

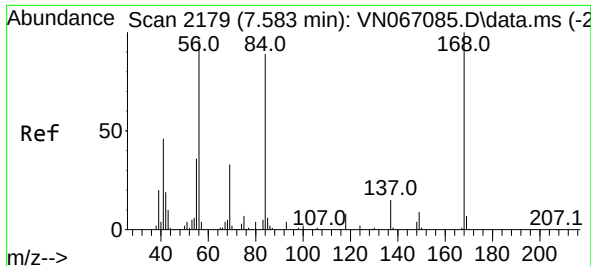
Tgt Ion: 56 Resp: 753
Ion Ratio Lower Upper
56 100
55 67.1 53.8 80.6



#16
Acetone
Concen: 0.55 ug/l
RT: 3.786 min Scan# 763
Delta R.T. 0.022 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

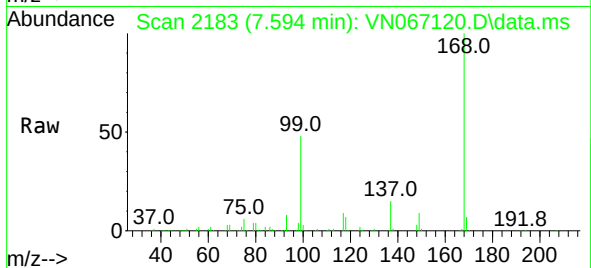
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 52.9 27.2 40.8#



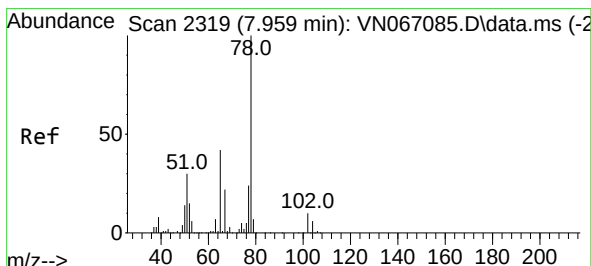
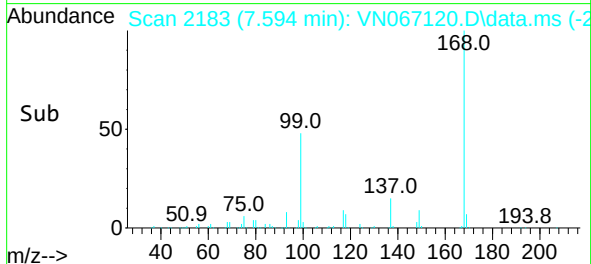
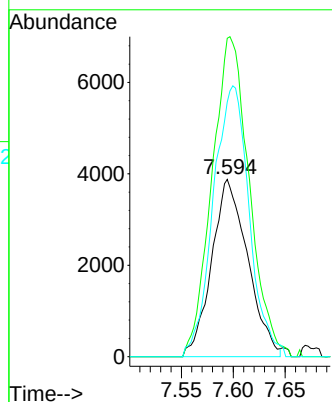


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. 0.011 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :

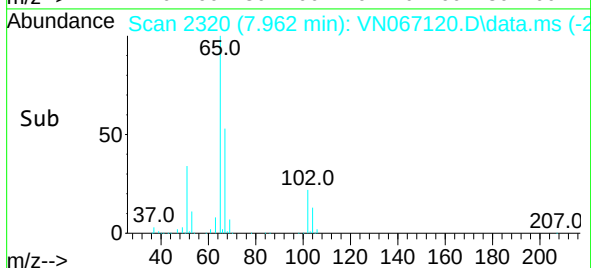
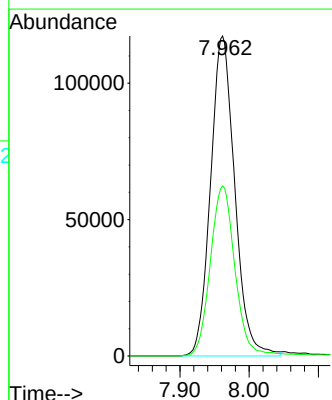
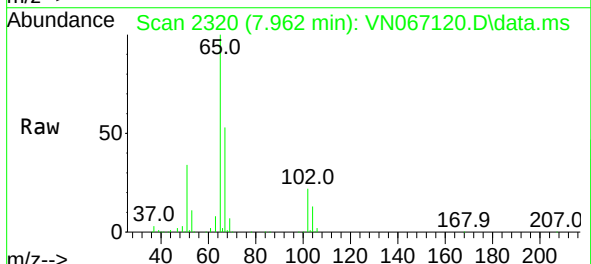


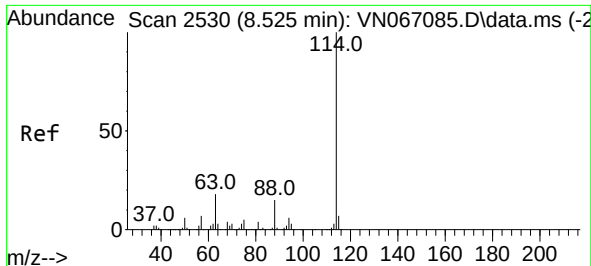
Tgt Ion: 56 Resp: 9371
Ion Ratio Lower Upper
56 100
69 179.6 28.0 42.0#
84 143.6 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 42.48 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion: 65 Resp: 284855
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4

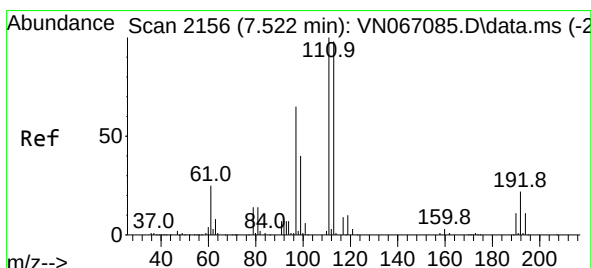
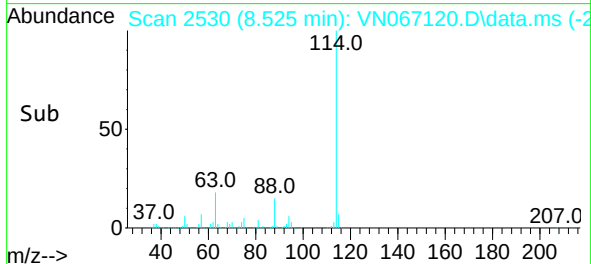
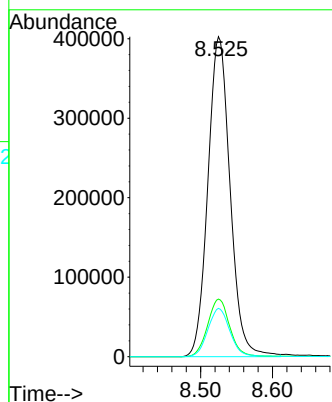
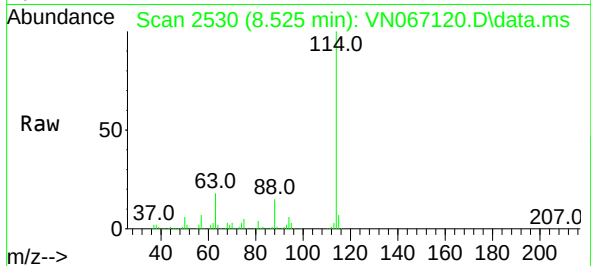




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

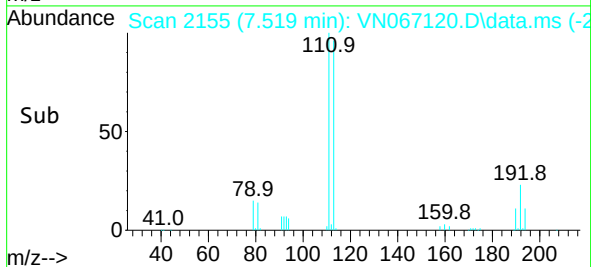
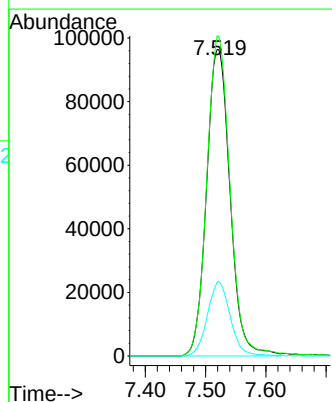
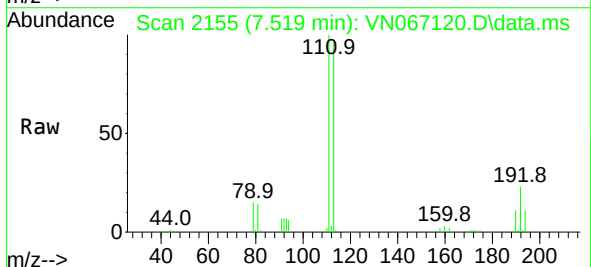
Instrument :
MSVOA_N
ClientSampleId :

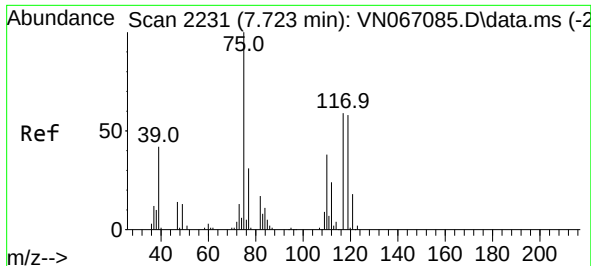
Tgt Ion:114 Resp: 863655
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 15.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 46.12 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion:113 Resp: 261532
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 23.5 18.2 27.4

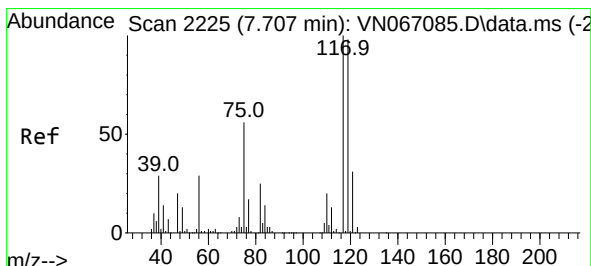
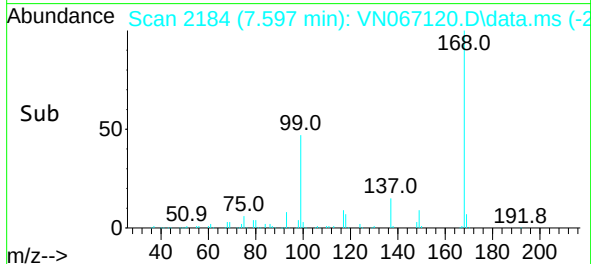
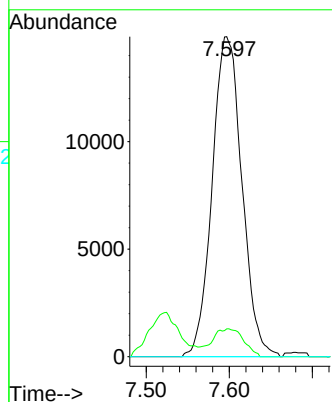
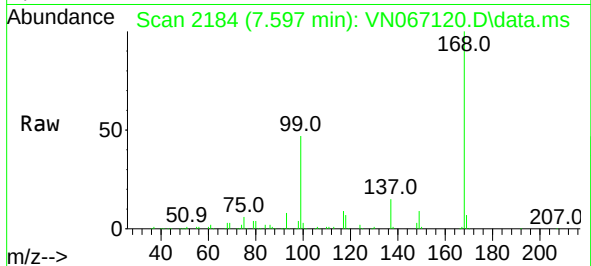




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

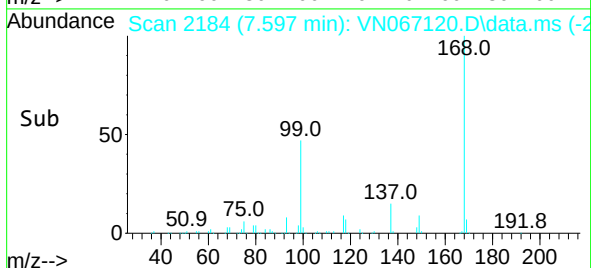
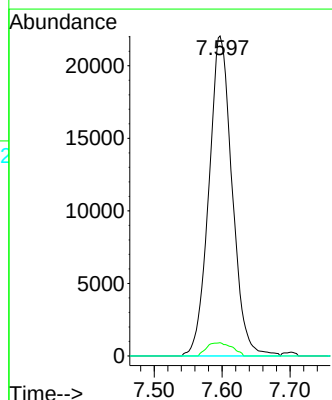
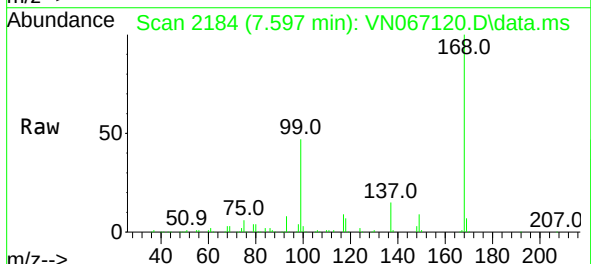
Instrument :
MSVOA_N
ClientSampleId :

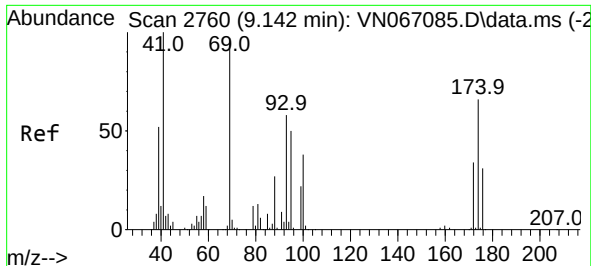
Tgt Ion: 75 Resp: 37024
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.110 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

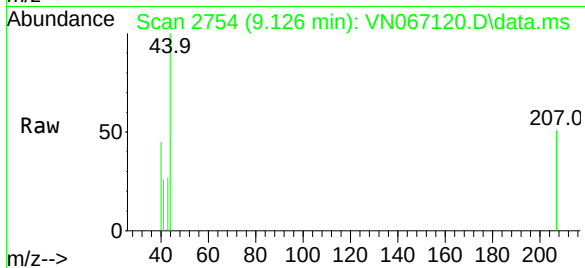
Tgt Ion: 117 Resp: 52479
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.7 37.1#



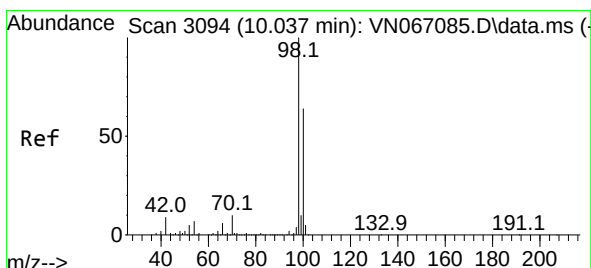
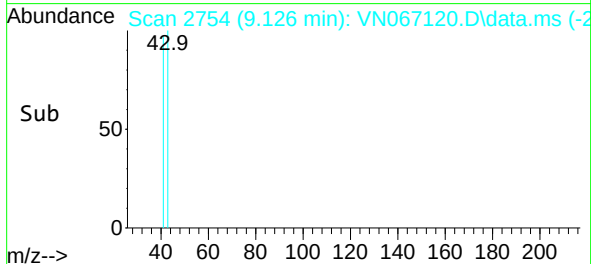
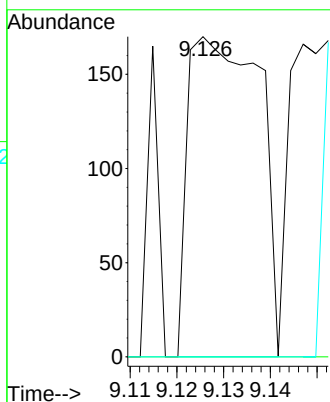


#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.126 min Scan# 2754
Delta R.T. -0.016 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Instrument :
MSVOA_N
ClientSampled :

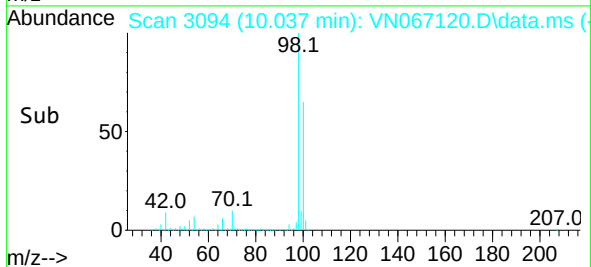
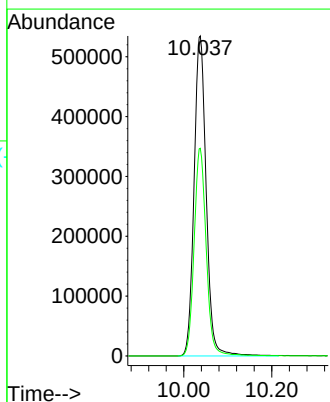
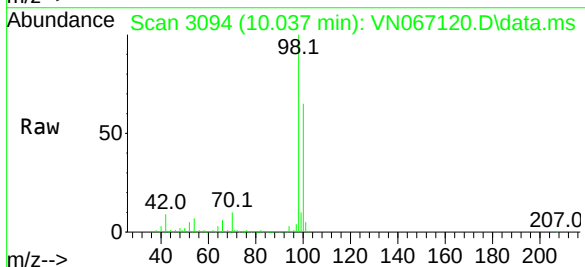


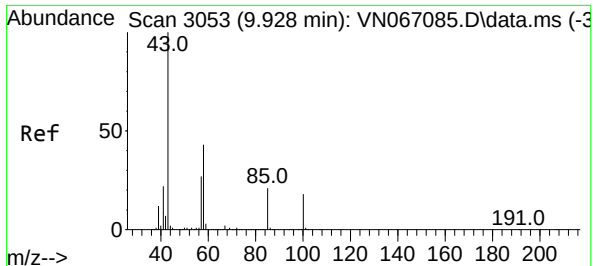
Tgt Ion: 41 Resp: 180
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 47.65 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion: 98 Resp: 1024129
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

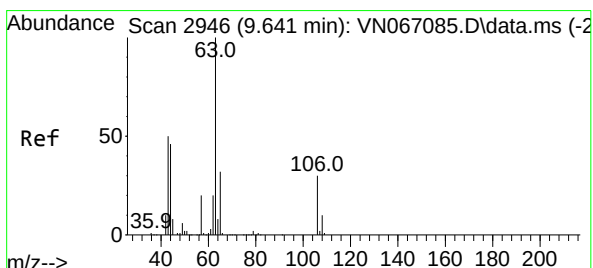
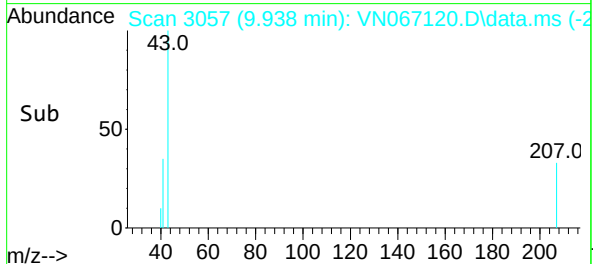
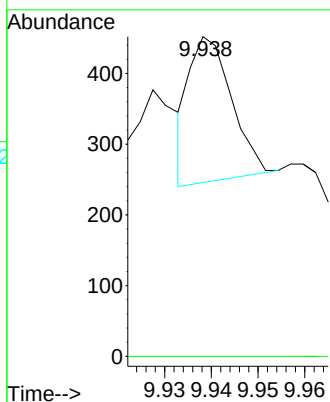
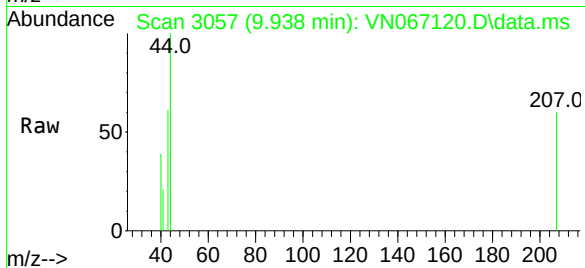




#51
4-Methyl-2-Pentanone
Concen: 5.42 ug/l
RT: 9.938 min Scan# 3057
Delta R.T. 0.010 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

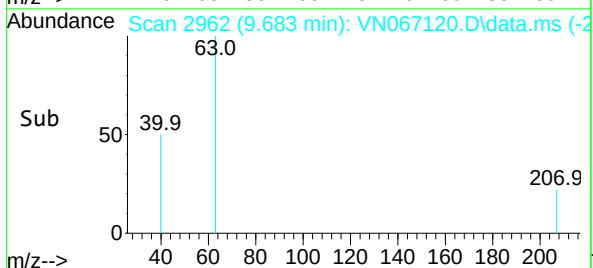
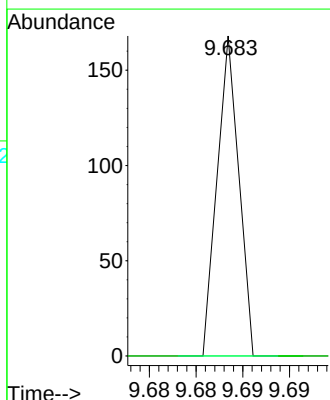
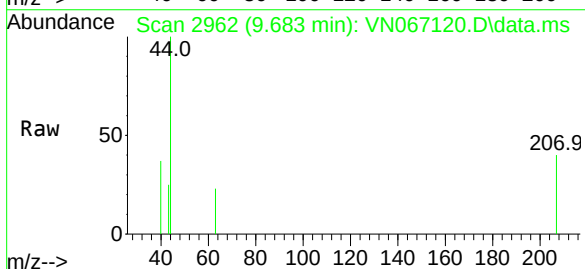
Instrument :
MSVOA_N
ClientSampled :

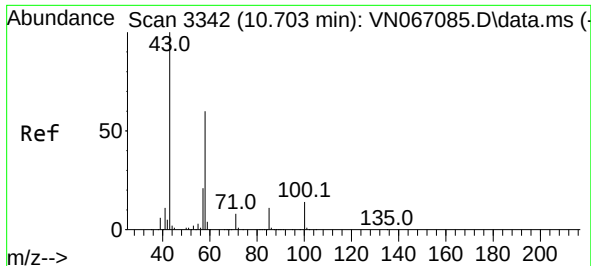
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#



#58
2-Chloroethyl Vinyl ether
Concen: 4.57 ug/l
RT: 9.683 min Scan# 2962
Delta R.T. 0.042 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

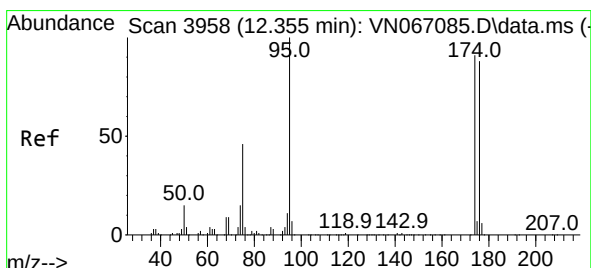
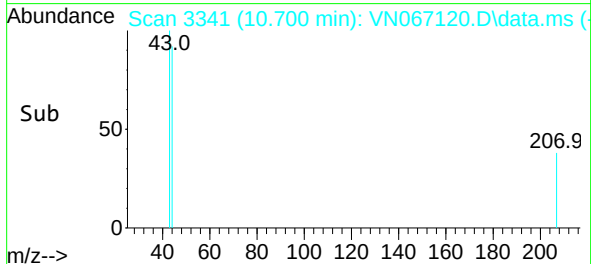
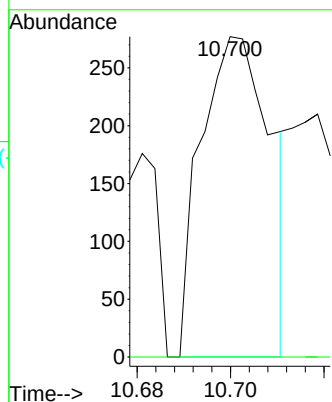
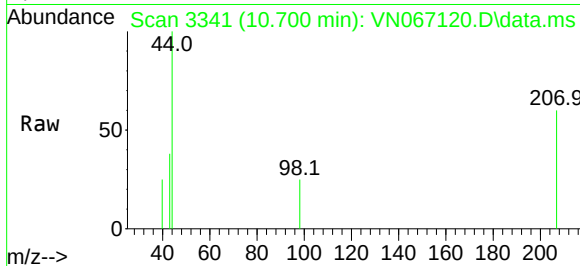




#59
2-Hexanone
Concen: 21.98 ug/l
RT: 10.700 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

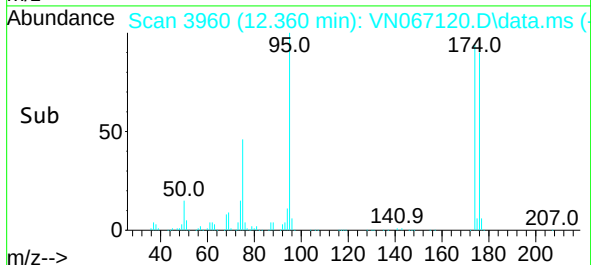
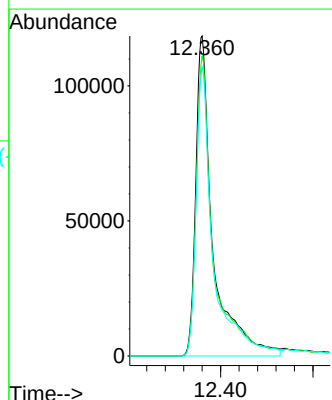
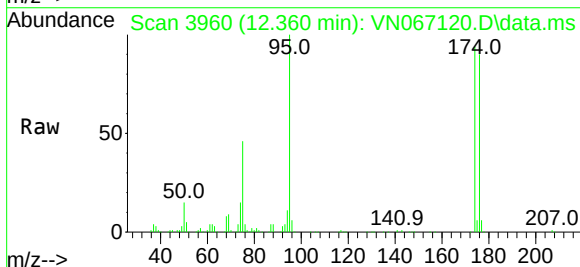
Instrument :
MSVOA_N
ClientSampleId :

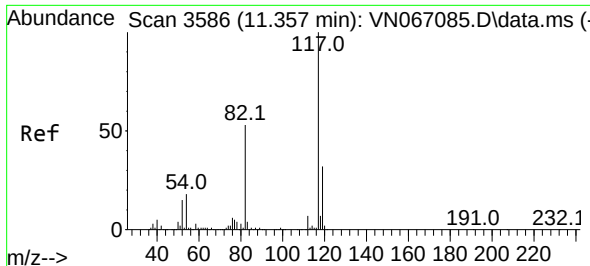
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 42.80 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion: 95 Resp: 308158
Ion Ratio Lower Upper
95 100
174 91.9 0.0 182.8
176 89.7 0.0 176.6

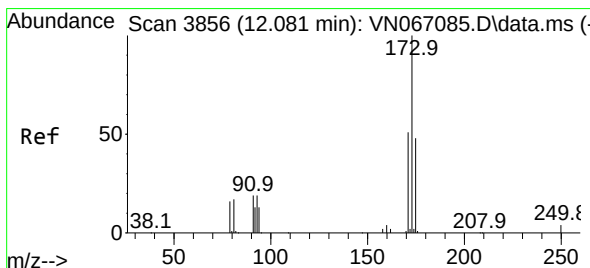
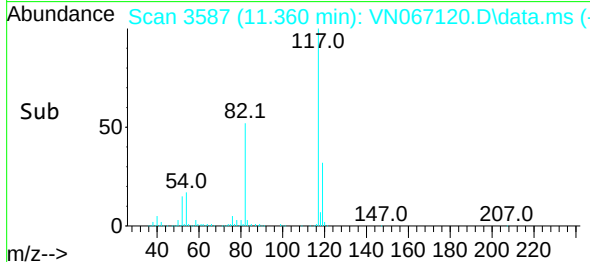
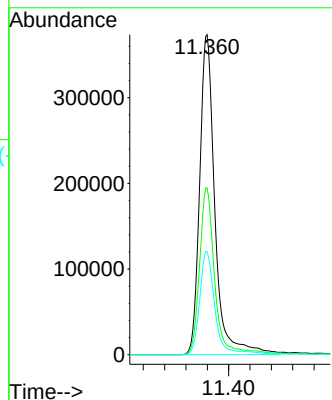
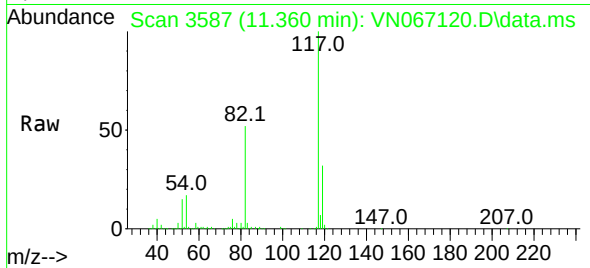




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

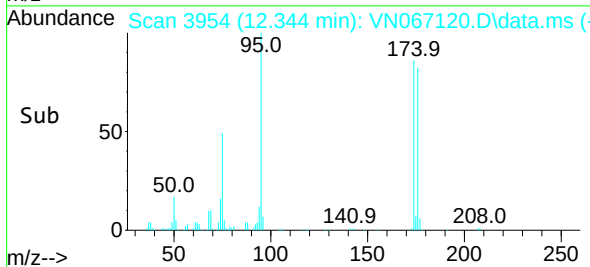
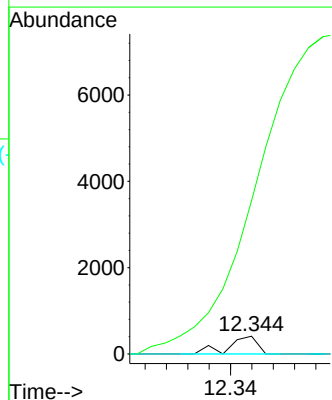
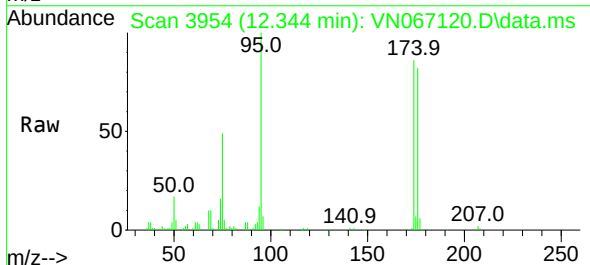
Instrument :
MSVOA_N
ClientSampled :

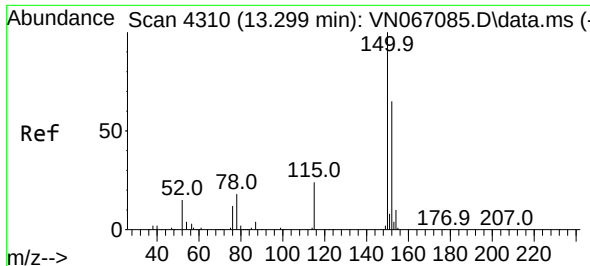
Tgt Ion:117 Resp: 742777
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.2 25.8 38.6



#71
Bromoform
Concen: 1.79 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. 0.263 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Tgt Ion:173 Resp: 152
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

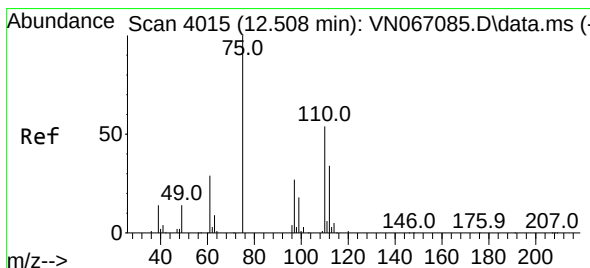
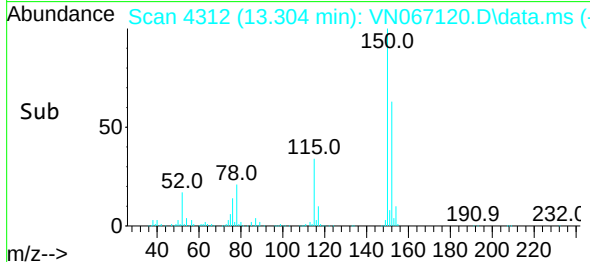
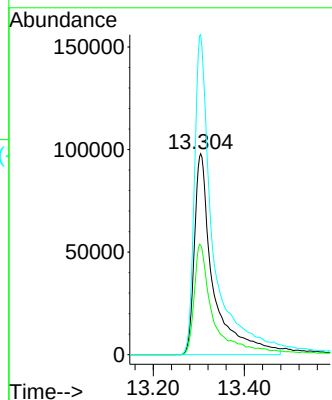
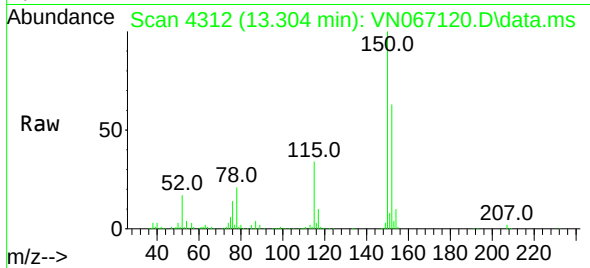




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

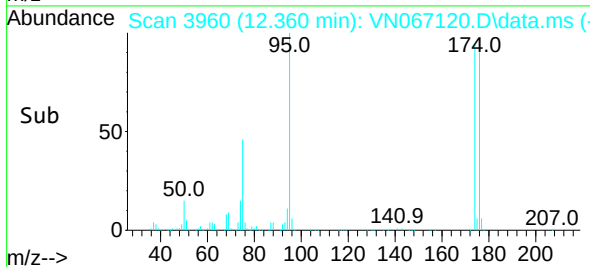
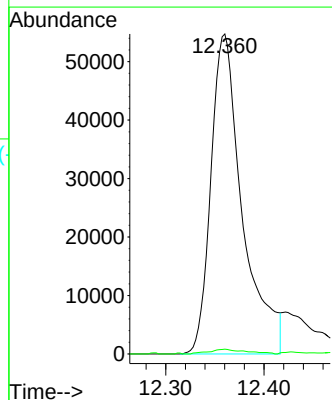
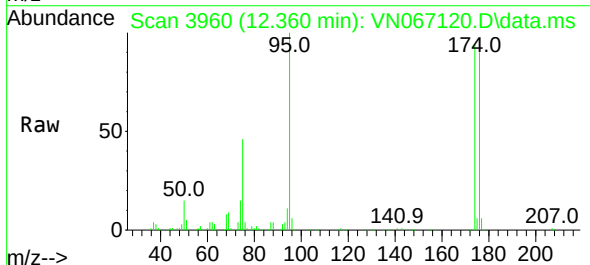
Instrument :
MSVOA_N
ClientSampleId :

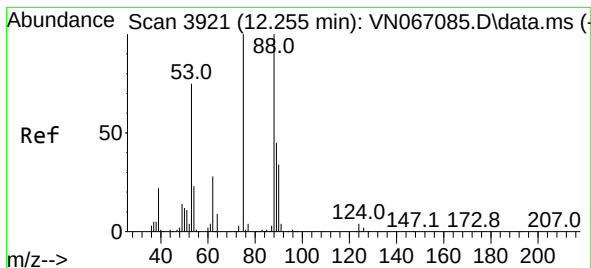
Tgt Ion:152 Resp: 282090
Ion Ratio Lower Upper
152 100
115 46.4 27.0 80.8
150 154.7 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 20.43 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. -0.148 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

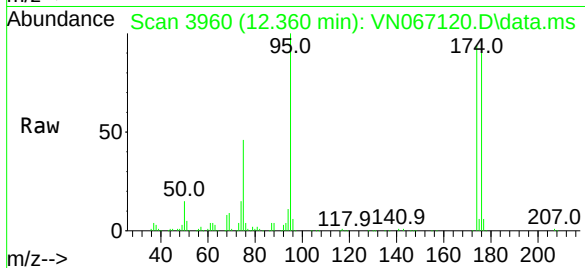
Tgt Ion: 75 Resp: 121602
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



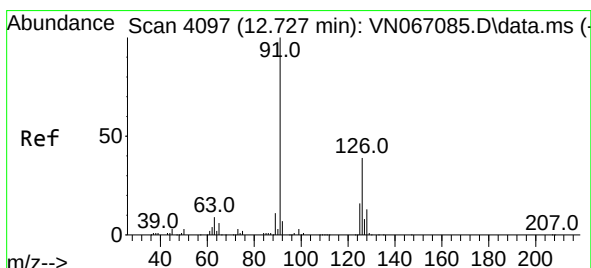
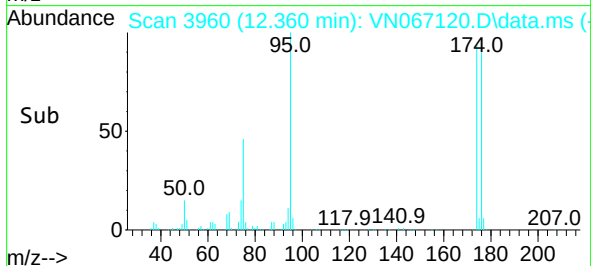
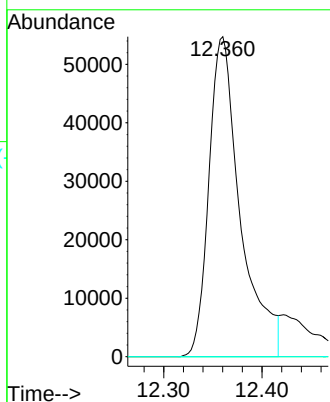


#81
trans-1,4-Dichloro-2-butene
Concen: 61.69 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.105 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :

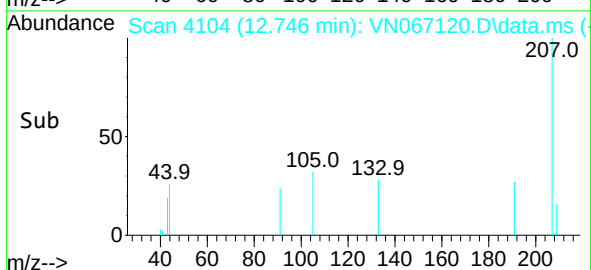
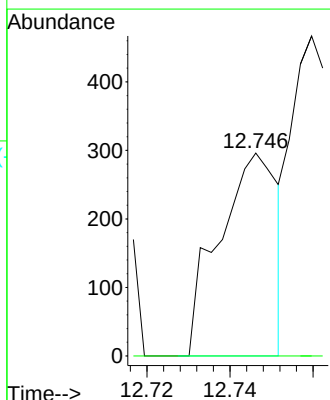
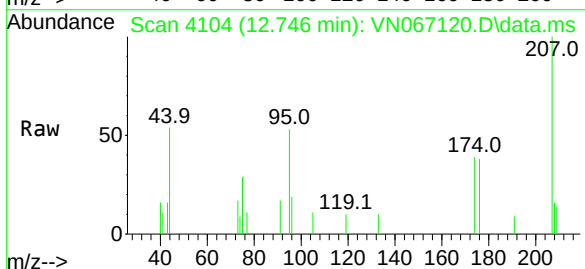


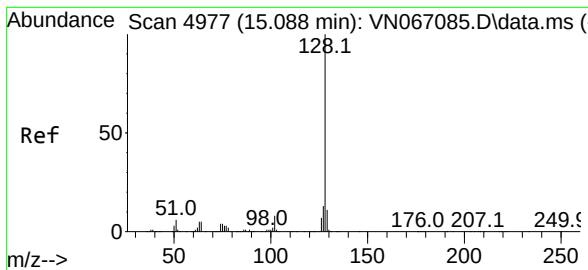
Tgt Ion: 75 Resp: 121602
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.20 ug/l
RT: 12.746 min Scan# 4104
Delta R.T. 0.019 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

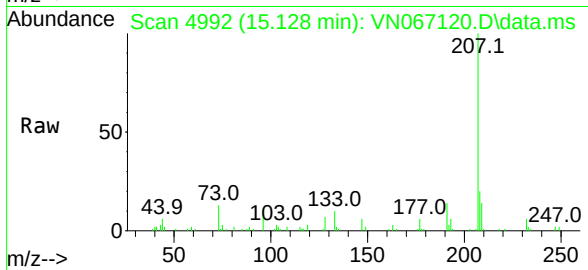
Tgt Ion: 91 Resp: 289
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#





#95
Naphthalene
Concen: 3.36 ug/l
RT: 15.128 min Scan# 4992
Delta R.T. 0.040 min
Lab File: VN067120.D
Acq: 18 May 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1365
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.3	8.6	13.0

