

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067041.D
 Acq On : 7 May 2021 4:46
 Operator : JC/MD
 Sample : M2313-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210505001-01-TRIP-BLANK

Quant Time: May 07 07:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

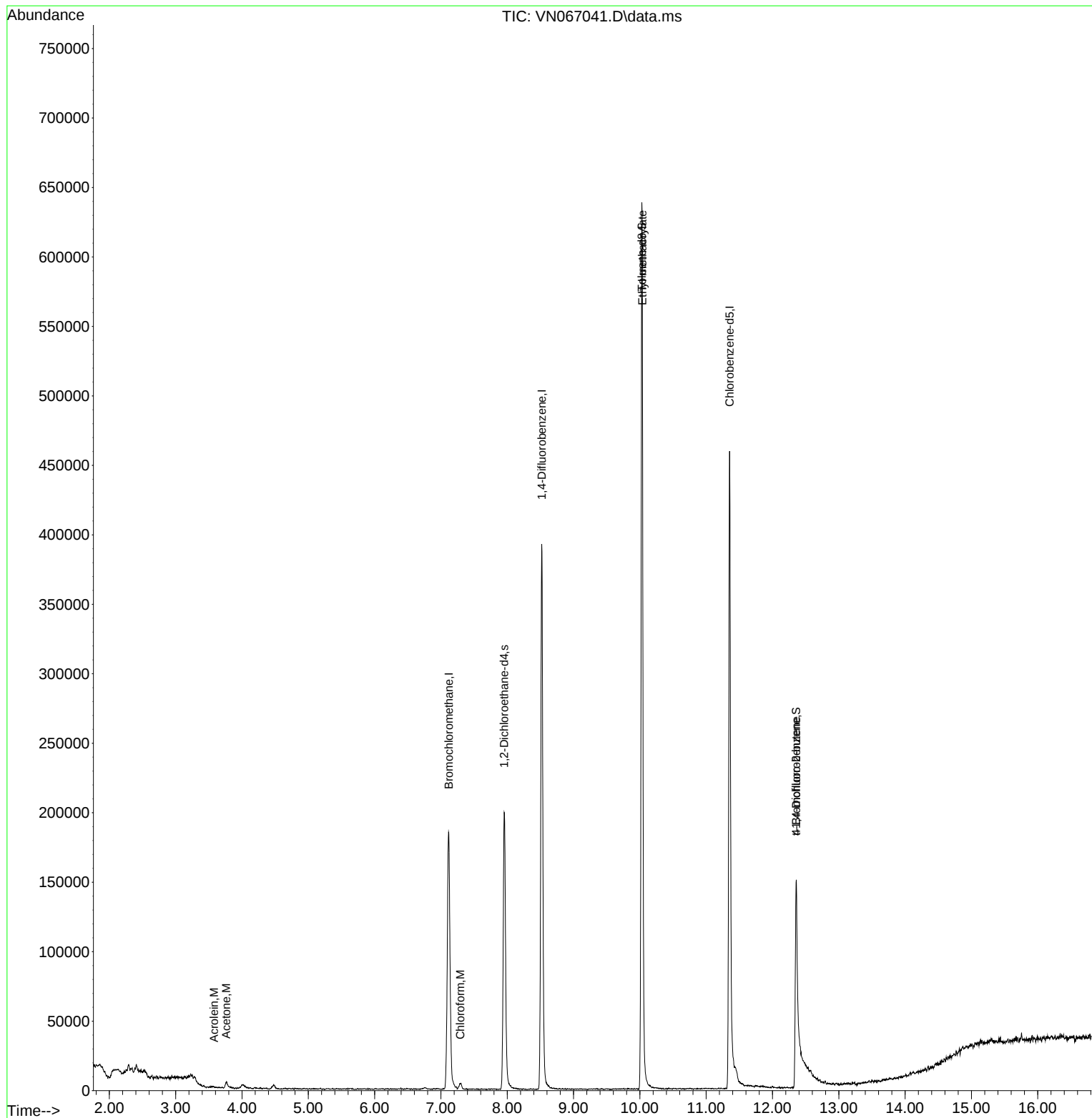
Internal Standards						
1) Bromochloromethane	7.118	128	70550	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	336969	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	283180	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	189089	30.59	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.97%
60) 4-Bromofluorobenzene	12.358	95	76810	16.30	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	54.33%#
63) Toluene-d8	10.030	98	441776	31.49	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.97%
Target Compounds						
13) Acrolein	3.577	56	204	0.22	ug/l	Qvalue 97
15) Acetone	3.760	58	1013	1.55	ug/l #	40
25) Chloroform	7.289	83	2808	0.30	ug/l	86
51) Ethyl methacrylate	10.038	69	1866	0.31	ug/l #	77
77) t-1,4-Dichloro-2-butene	12.358	75	41733	26.05	ug/l #	16

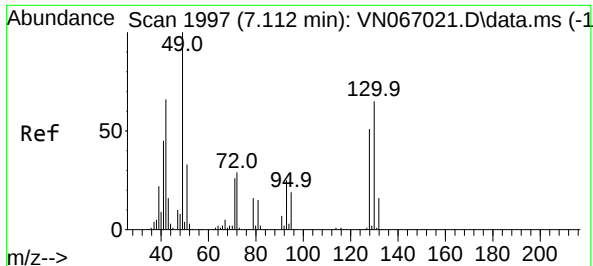
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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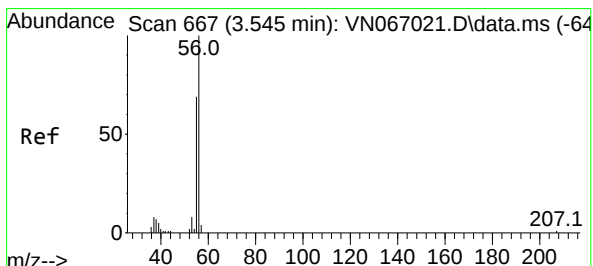
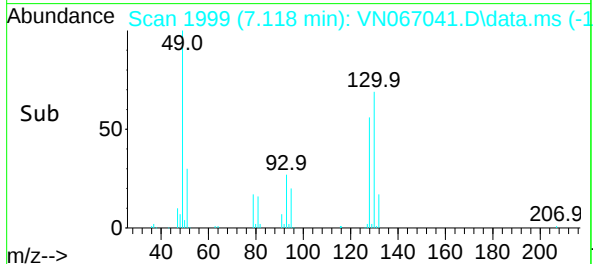
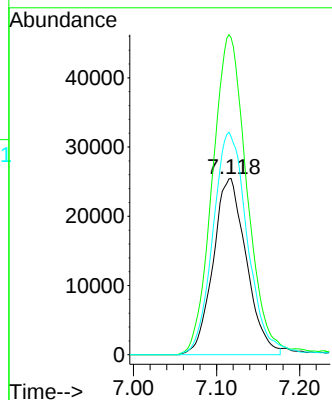
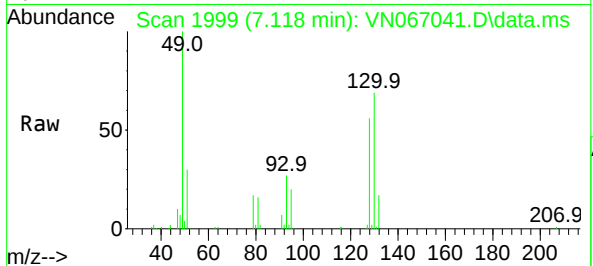




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.118 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

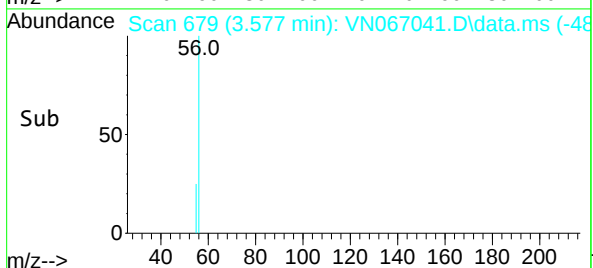
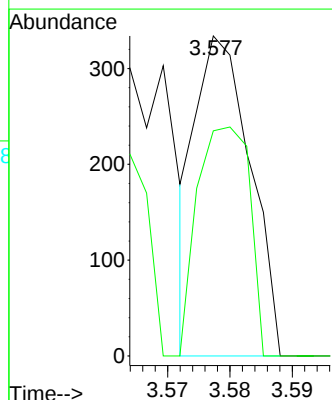
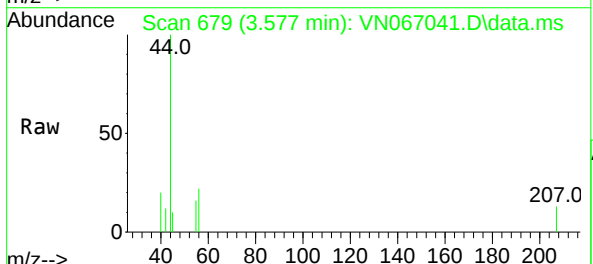
Instrument :
MSVOA_N
ClientSampleId :
210505001-01-TRIP-BLANK

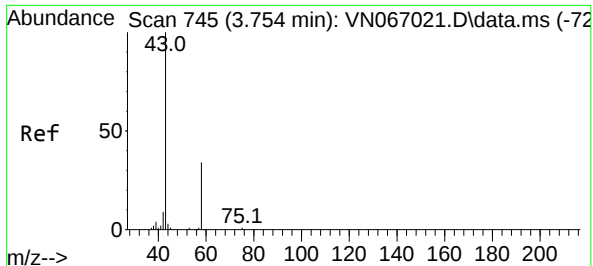
Tgt Ion:128 Resp: 70550
Ion Ratio Lower Upper
128 100
49 188.7 0.0 486.3
130 131.5 0.0 326.0



#13
Acrolein
Concen: 0.22 ug/l
RT: 3.577 min Scan# 679
Delta R.T. 0.032 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 68.6 56.6 84.8

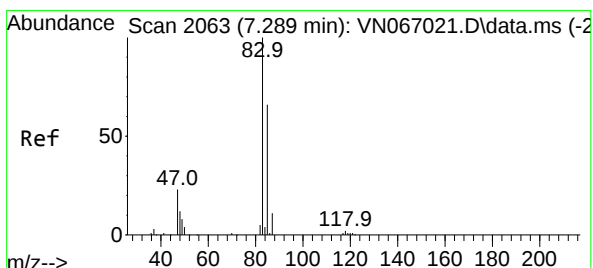
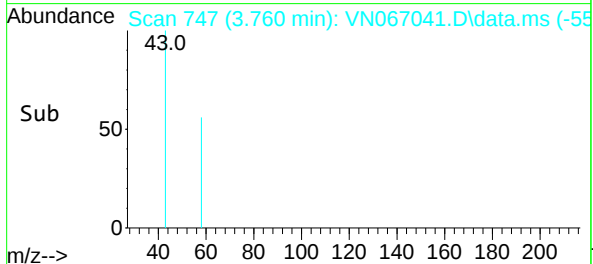
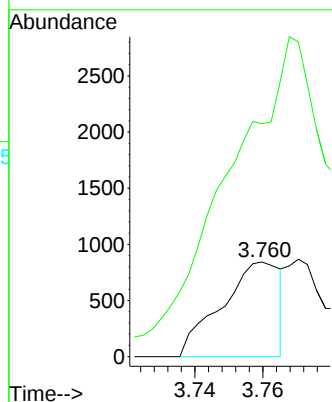
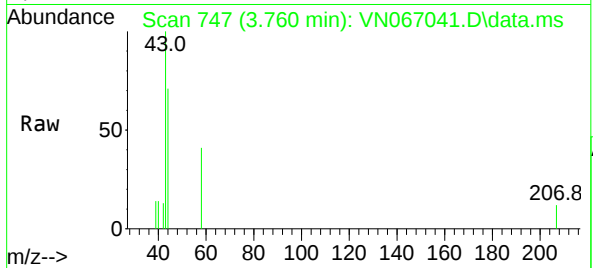




#15
Acetone
Concen: 1.55 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

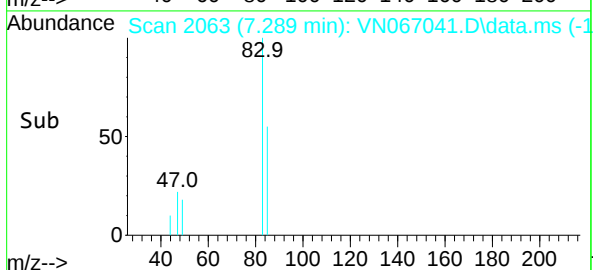
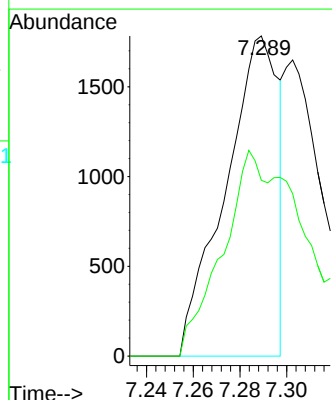
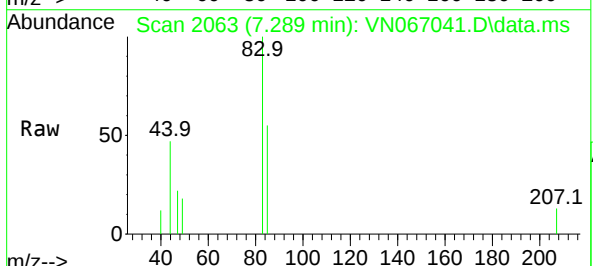
Instrument :
MSVOA_N
ClientSampleId :
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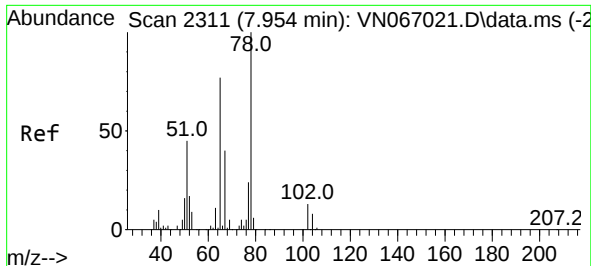
Tgt Ion: 58 Resp: 1013
Ion Ratio Lower Upper
58 100
43 177.5 235.0 352.6#



#25
Chloroform
Concen: 0.30 ug/l
RT: 7.289 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

Tgt Ion: 83 Resp: 2808
Ion Ratio Lower Upper
83 100
85 54.9 53.0 79.6





#27

1,2-Dichloroethane-d4

Concen: 30.59 ug/l

RT: 7.954 min Scan# 2311

Delta R.T. 0.000 min

Lab File: VN067041.D

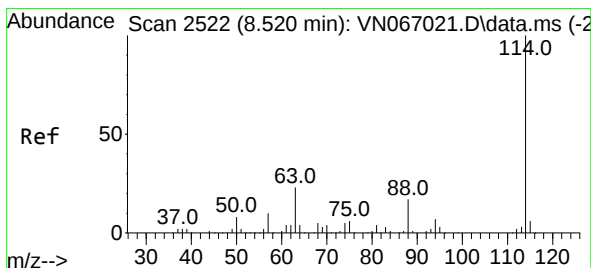
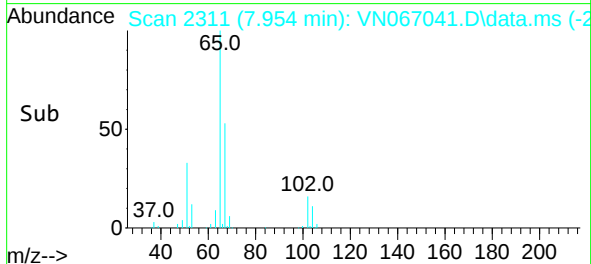
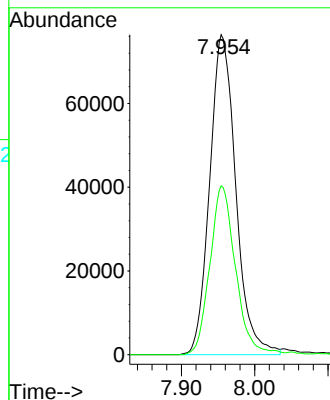
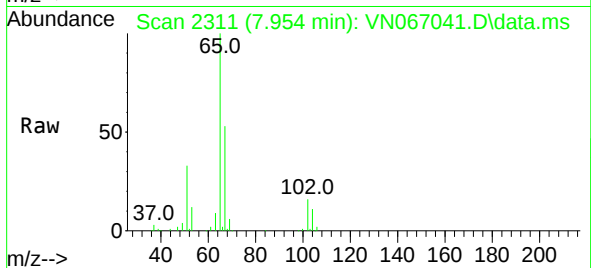
Acq: 7 May 2021 4:46

Tgt Ion: 65 Resp: 189089

Ion Ratio Lower Upper

65 100

67 51.3 41.6 62.4



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.520 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VN067041.D

Acq: 7 May 2021 4:46

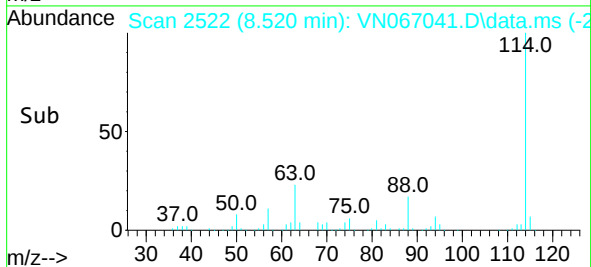
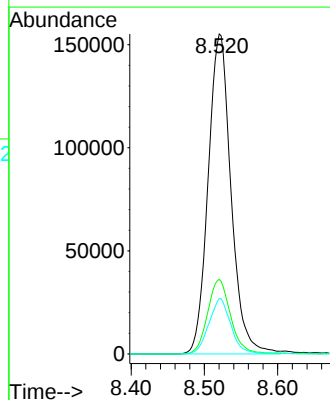
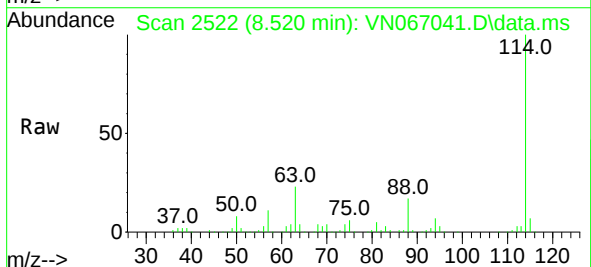
Tgt Ion: 114 Resp: 336969

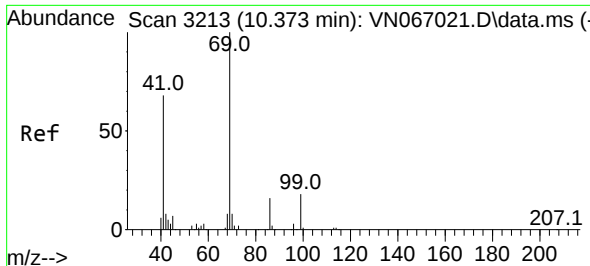
Ion Ratio Lower Upper

114 100

63 23.3 18.8 28.2

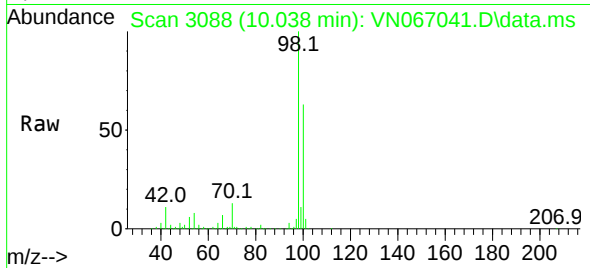
88 16.5 13.8 20.6



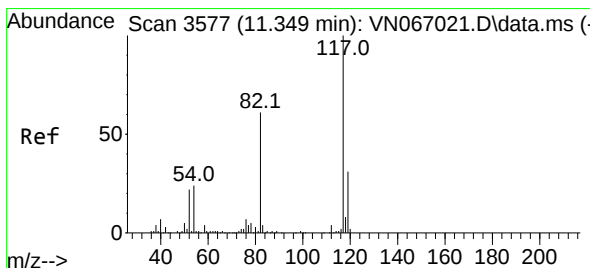
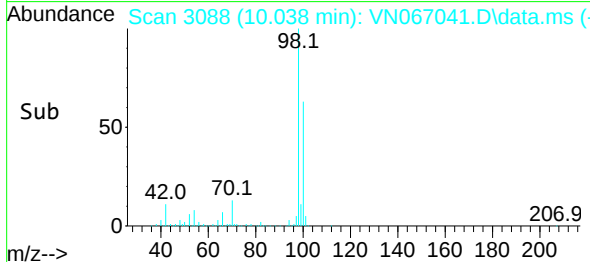
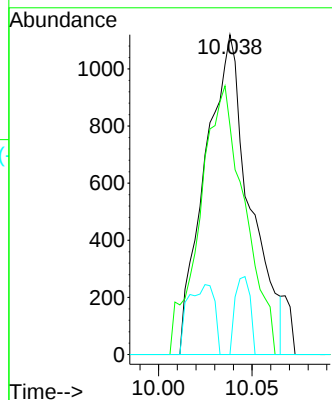


#51
Ethyl methacrylate
Concen: 0.31 ug/l
RT: 10.038 min Scan# 3088
Delta R.T. -0.335 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

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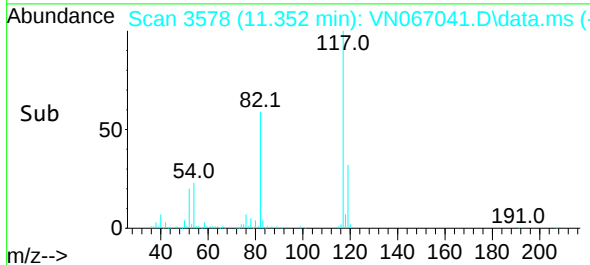
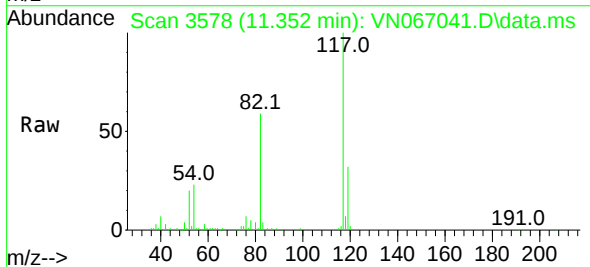
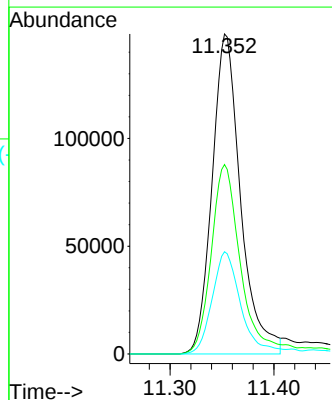


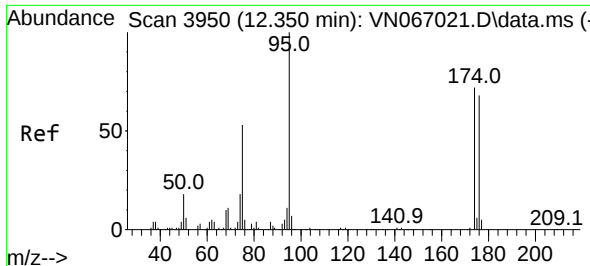
Tgt Ion: 69 Resp: 1866
Ion Ratio Lower Upper
69 100
41 71.6 33.9 101.7
39 0.0 17.3 51.9#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

Tgt Ion: 117 Resp: 283180
Ion Ratio Lower Upper
117 100
82 61.2 49.3 73.9
119 32.2 25.5 38.3

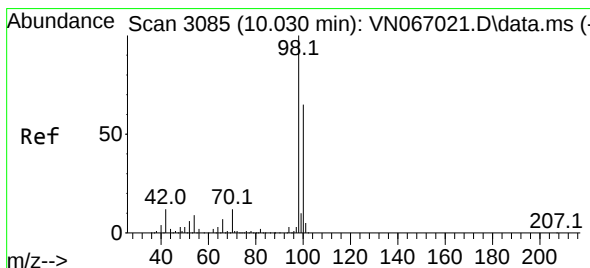
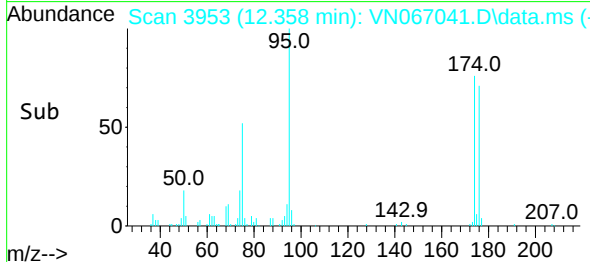
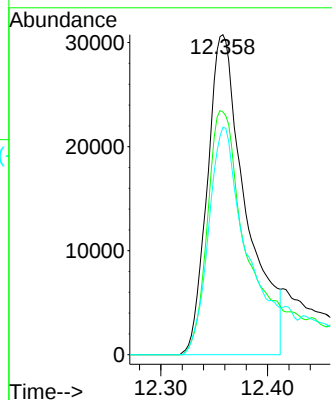
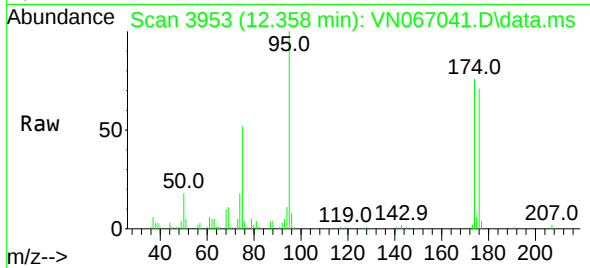




#60
4-Bromofluorobenzene
Concen: 16.30 ug/l
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

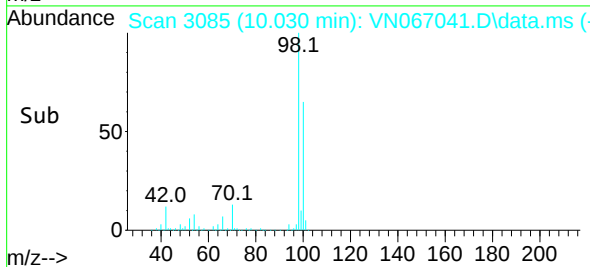
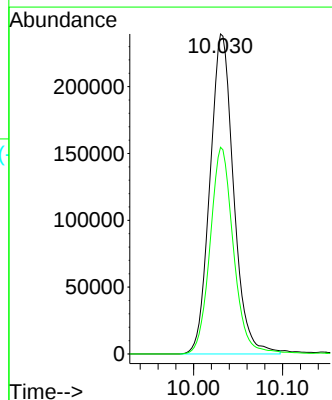
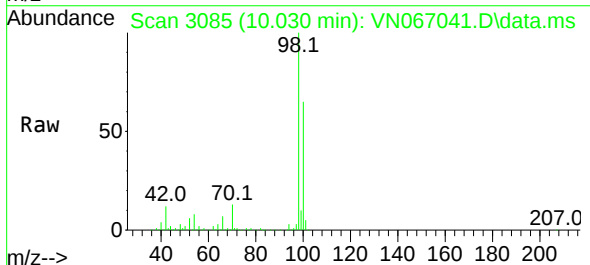
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ClientSampleId :
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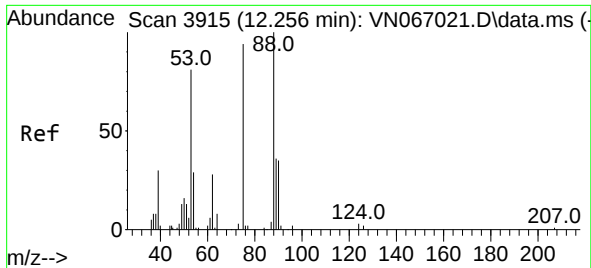
Tgt Ion: 95 Resp: 76810
Ion Ratio Lower Upper
95 100
174 73.7 57.2 85.8
176 70.3 54.5 81.7



#63
Toluene-d8
Concen: 31.49 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

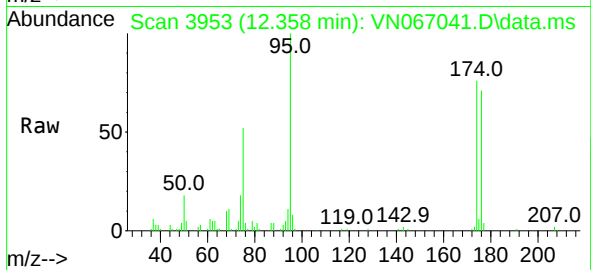
Tgt Ion: 98 Resp: 441776
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7





#77
t-1,4-Dichloro-2-butene
Concen: 26.05 ug/l
RT: 12.358 min Scan# 3953
Delta R.T. 0.102 min
Lab File: VN067041.D
Acq: 7 May 2021 4:46

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 75 Resp: 41733
Ion Ratio Lower Upper
75 100
53 0.0 43.1 129.4#
89 0.0 18.8 56.4#

