

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067127.D
 Acq On : 18 May 2021 15:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 02:49:44 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	627691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	879278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	749412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.302	152	331290	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	289053	42.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.26%
35) Dibromofluoromethane	7.522	113	263203	45.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.18%
50) Toluene-d8	10.038	98	1024712	46.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.66%
62) 4-Bromofluorobenzene	12.358	95	306941	41.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.76%

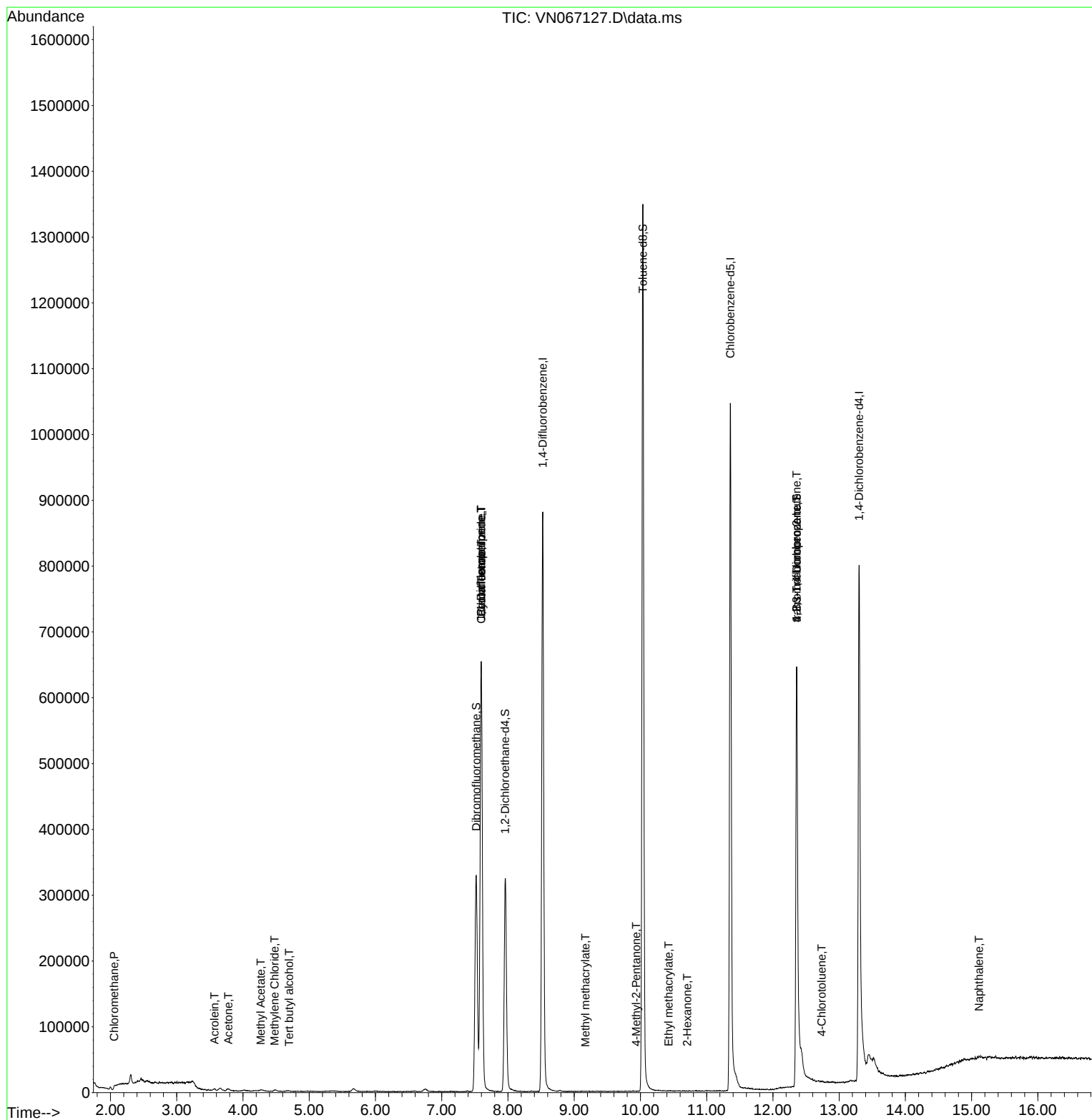
Target Compounds				Qvalue		
3) Chloromethane	2.056	50	2070	0.30	ug/l	92
11) Tert butyl alcohol	4.695	59	482	0.43	ug/l #	87
13) Acrolein	3.571	56	3037	1.18	ug/l #	71
16) Acetone	3.778	43	5134	2.44	ug/l	95
18) Methyl Acetate	4.269	43	1730	0.28	ug/l #	75
20) Methylene Chloride	4.478	84	868	0.20	ug/l #	93
31) Cyclohexane	7.597	56	9171	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	36347	4.53	ug/l #	48
38) Carbon Tetrachloride	7.600	117	51089	5.98	ug/l #	15
48) Methyl methacrylate	9.169	41	121	1.96	ug/l #	9
51) 4-Methyl-2-Pentanone	9.936	43	284	5.44	ug/l #	33
56) Ethyl methacrylate	10.427	69	52	1.95	ug/l #	1
59) 2-Hexanone	10.708	43	117	21.94	ug/l #	21
76) 1,2,3-Trichloropropane	12.358	75	143975	20.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.358	75	143975	62.16	ug/l #	15
82) 4-Chlorotoluene	12.736	91	57	1.18	ug/l #	39
95) Naphthalene	15.112	128	2078	3.39	ug/l #	75

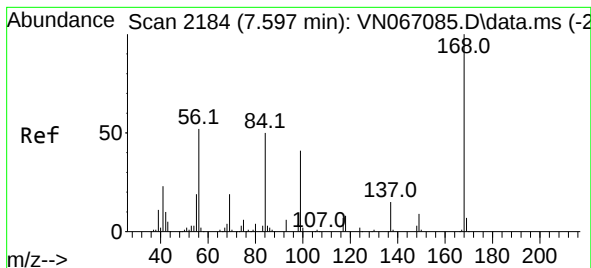
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN067127.D

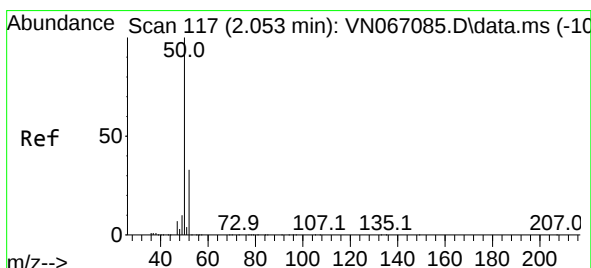
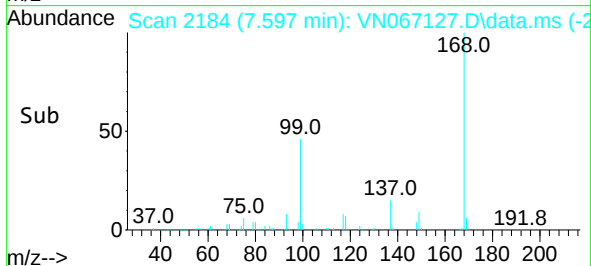
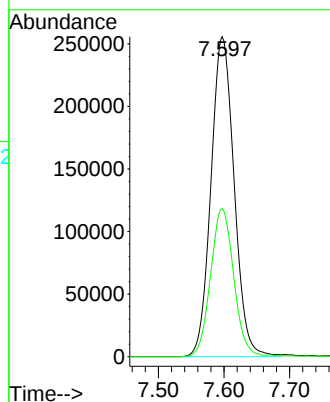
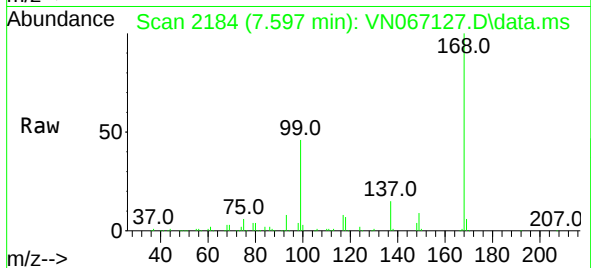
Acq: 18 May 2021 15:16

Tgt Ion:168 Resp: 627691

Ion Ratio Lower Upper

168 100

99 46.3 38.5 57.7



#3

Chloromethane

Concen: 0.30 ug/l

RT: 2.056 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN067127.D

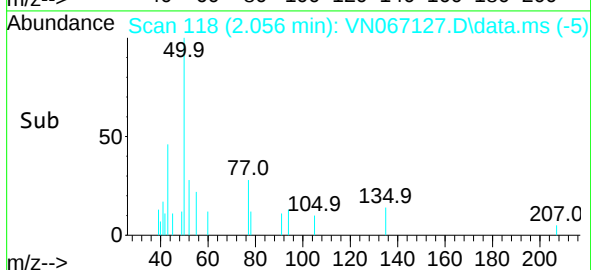
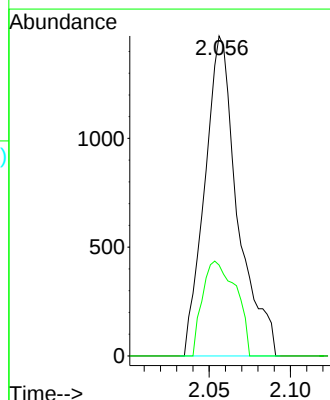
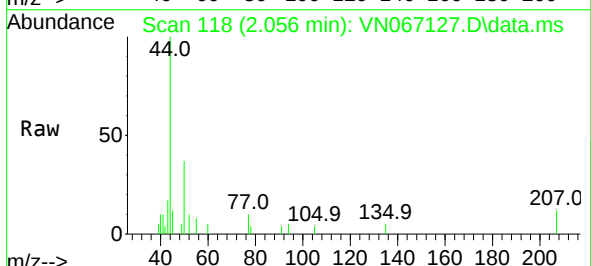
Acq: 18 May 2021 15:16

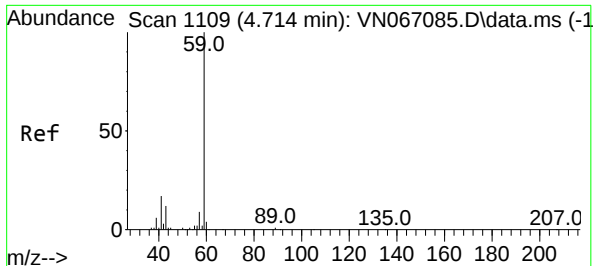
Tgt Ion: 50 Resp: 2070

Ion Ratio Lower Upper

50 100

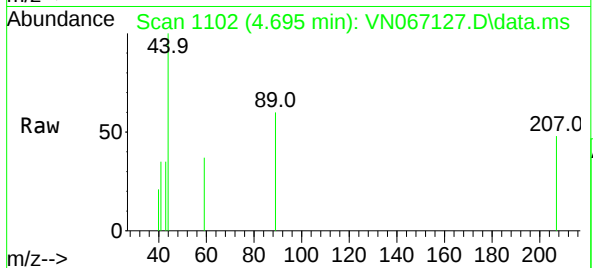
52 28.4 26.5 39.7



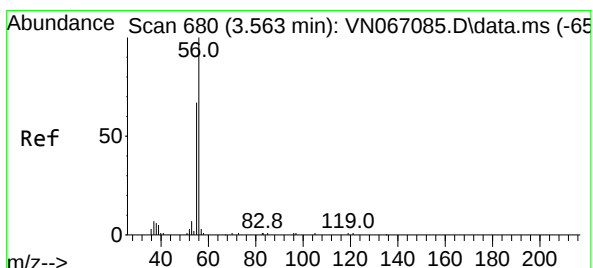
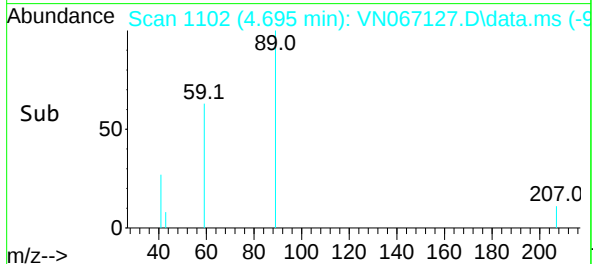
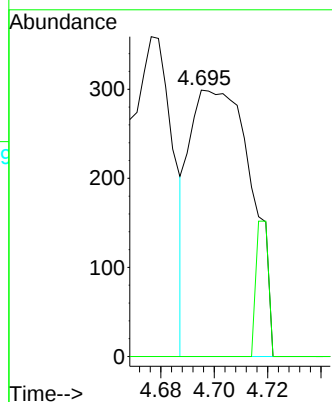


#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 4.695 min Scan# 1102
Delta R.T. -0.019 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Instrument :
MSVOA_N
ClientSampled :

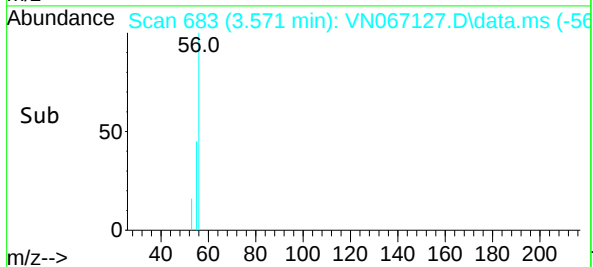
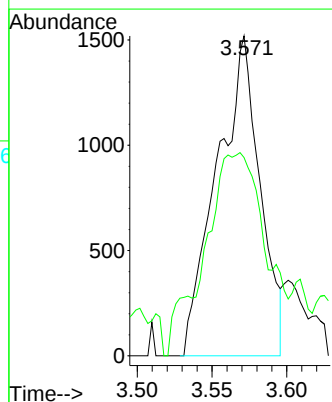
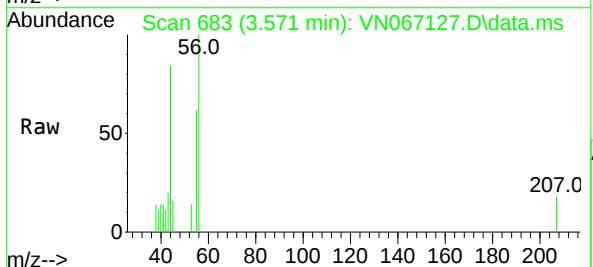


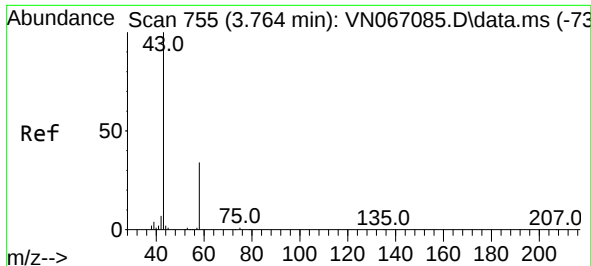
Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 3.5 5.3#



#13
Acrolein
Concen: 1.18 ug/l
RT: 3.571 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 56 Resp: 3037
Ion Ratio Lower Upper
56 100
55 90.4 53.8 80.6#

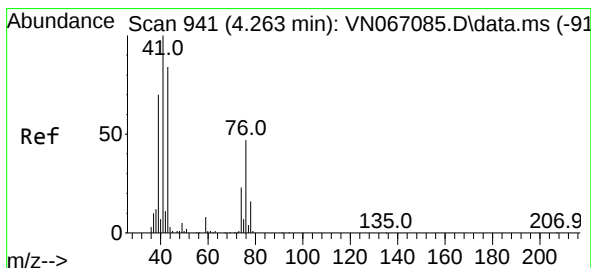
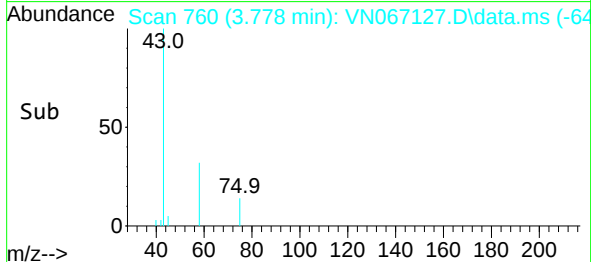
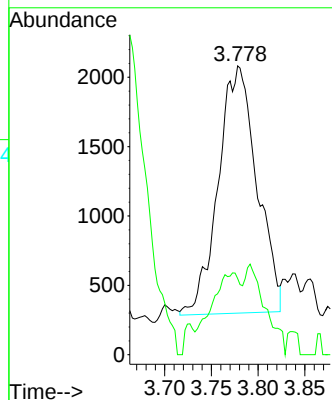
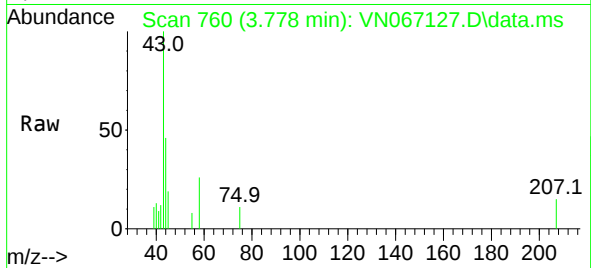




#16
Acetone
Concen: 2.44 ug/l
RT: 3.778 min Scan# 760
Delta R.T. 0.014 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

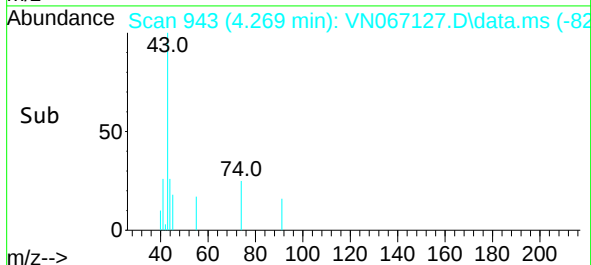
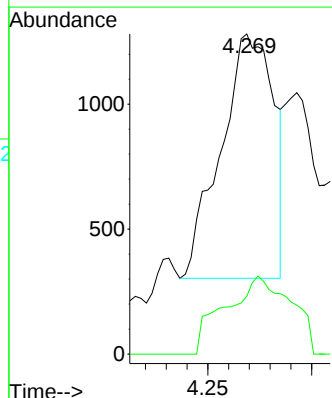
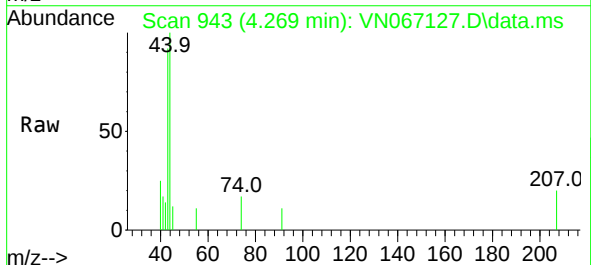
Instrument :
MSVOA_N
ClientSampleId :

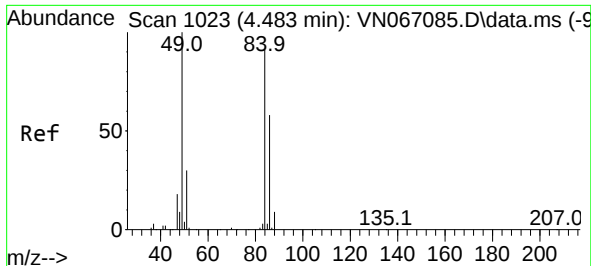
Tgt Ion: 43 Resp: 5134
Ion Ratio Lower Upper
43 100
58 31.0 27.2 40.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.269 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

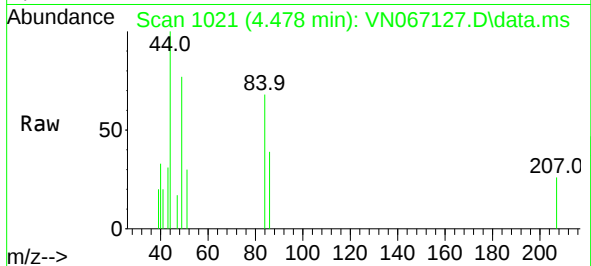
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
74 39.7 21.4 32.2#





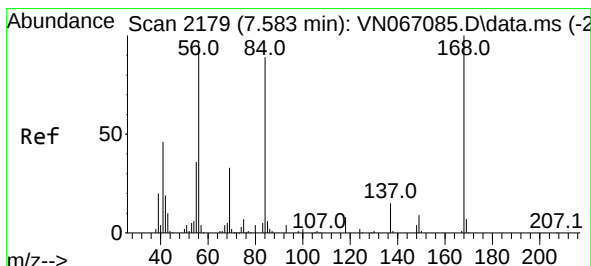
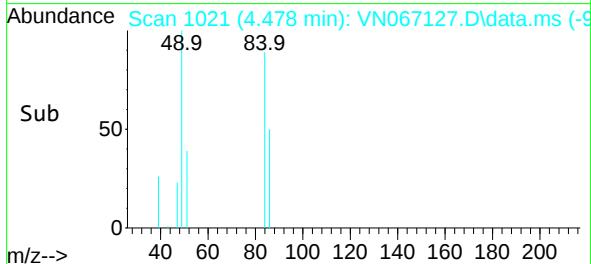
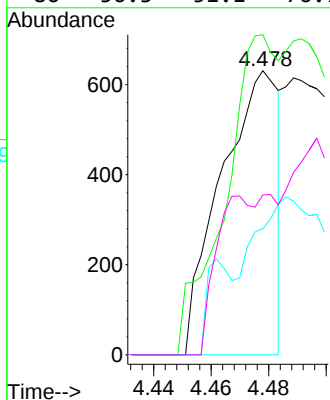
#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 4.478 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 868

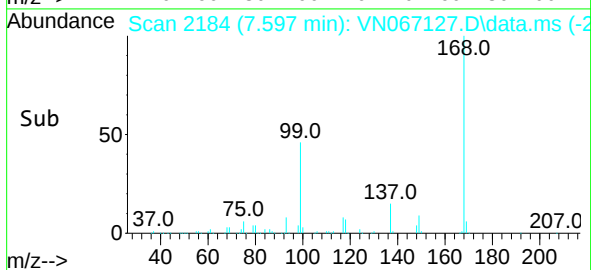
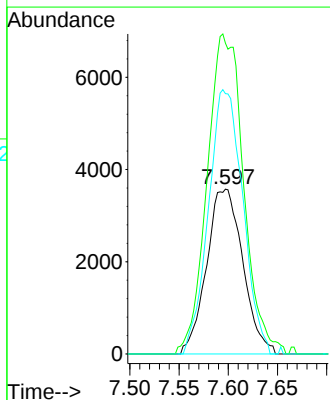
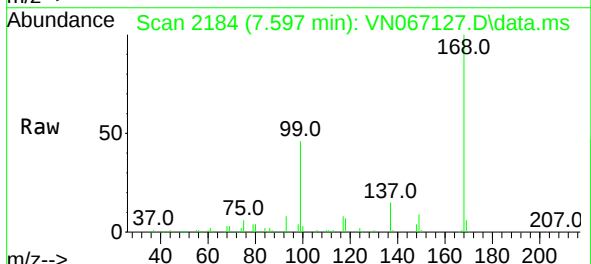
Ion	Ratio	Lower	Upper
84	100		
49	112.7	88.3	132.5
51	44.4	26.7	40.1#
86	56.3	51.1	76.7

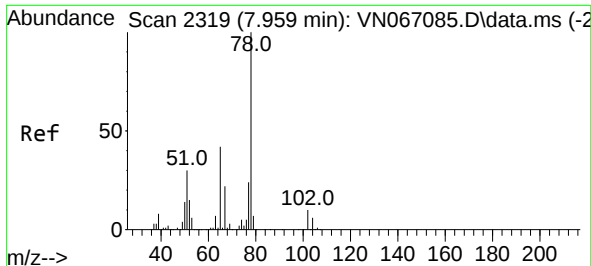


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.014 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 56 Resp: 9171

Ion	Ratio	Lower	Upper
56	100		
69	184.4	28.0	42.0#
84	157.9	74.2	111.2#

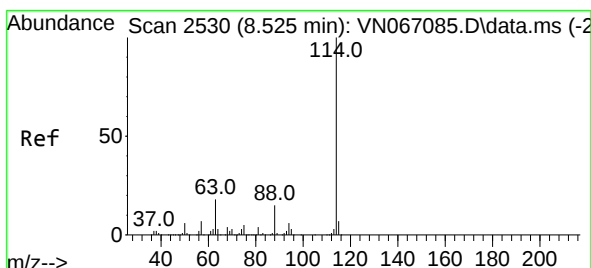
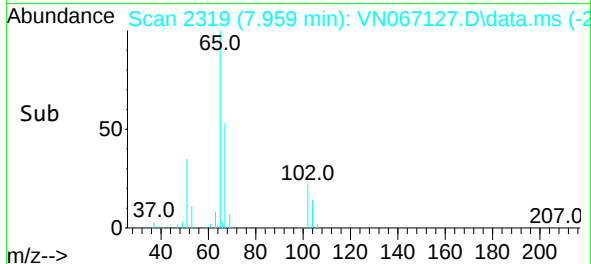
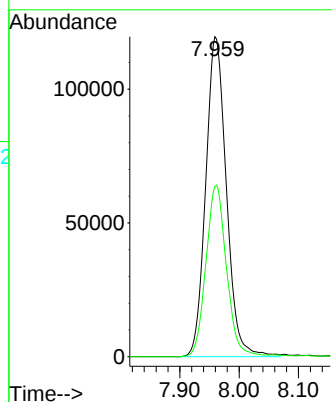
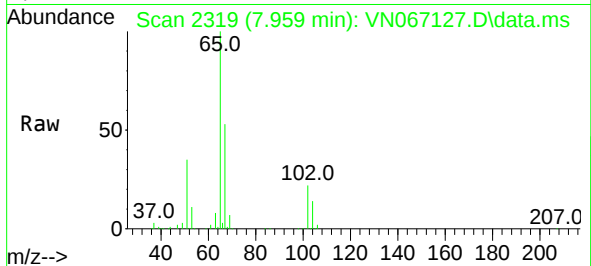




#33
1,2-Dichloroethane-d4
Concen: 42.63 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

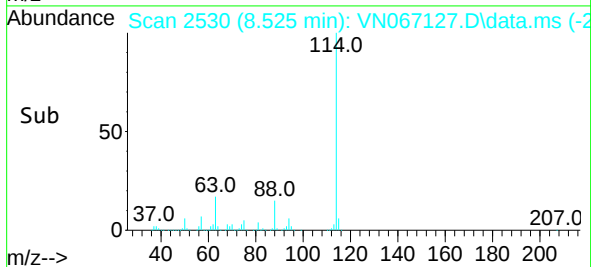
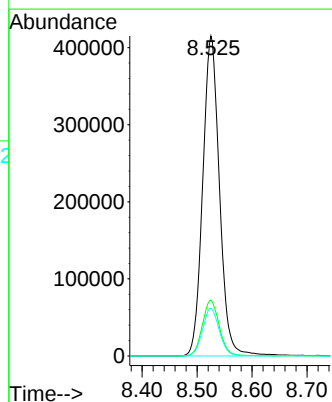
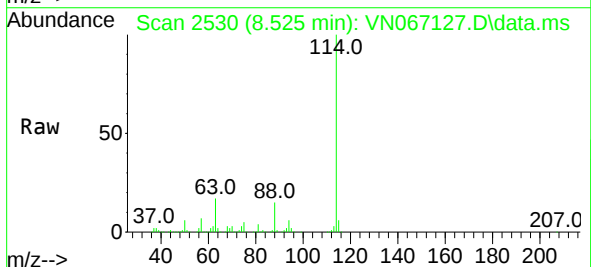
Instrument :
MSVOA_N
ClientSampled :

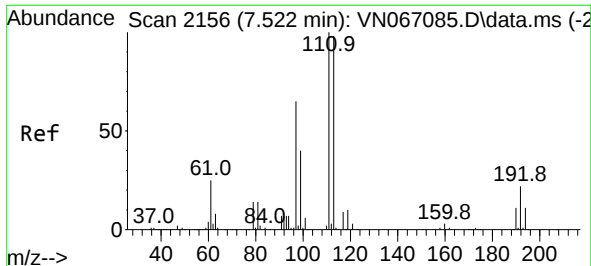
Tgt Ion: 65 Resp: 289053
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. 0.000 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 114 Resp: 879278
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.8
88 14.9 0.0 30.4



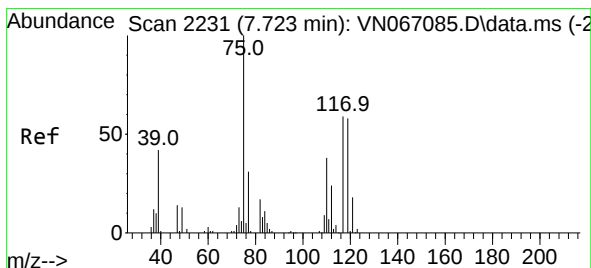
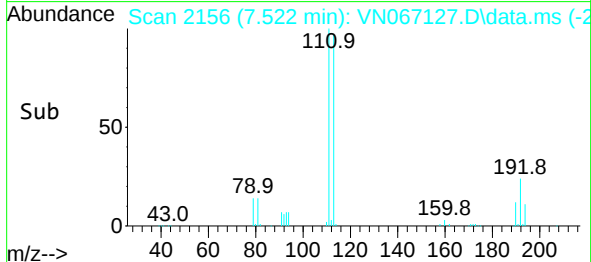
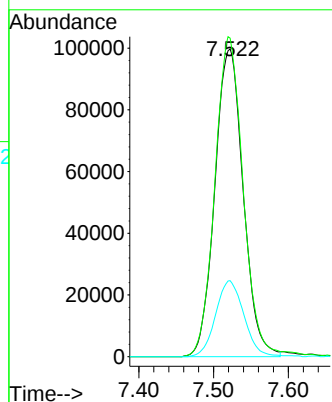
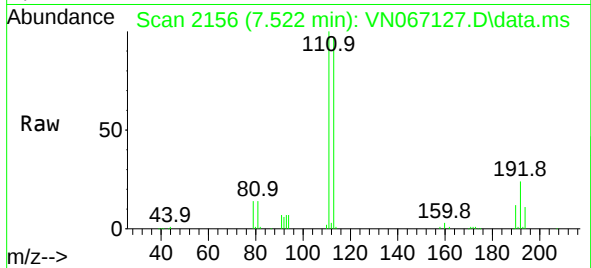


#35
 Dibromofluoromethane
 Concen: 45.59 ug/l
 RT: 7.522 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: VN067127.D
 Acq: 18 May 2021 15:16

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion:113 Resp: 263203

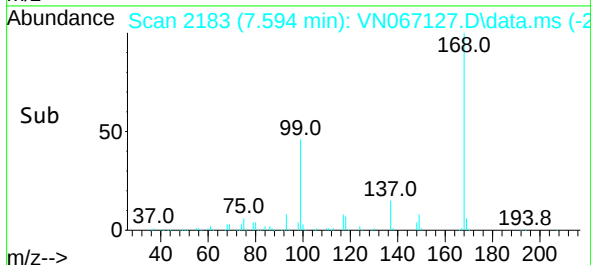
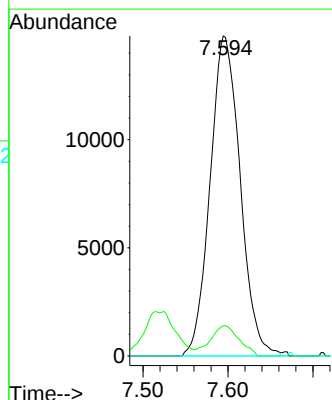
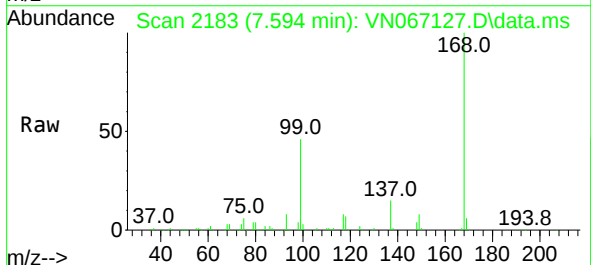
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	24.6	18.2	27.4

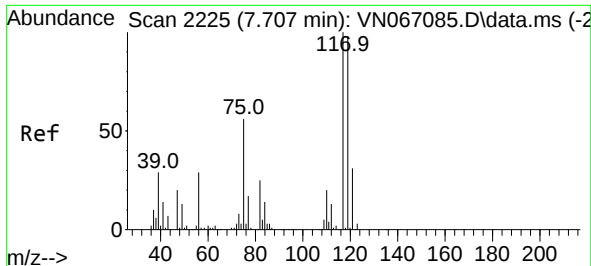


#36
 1,1-Dichloropropene
 Concen: 4.53 ug/l
 RT: 7.594 min Scan# 2183
 Delta R.T. -0.129 min
 Lab File: VN067127.D
 Acq: 18 May 2021 15:16

Tgt Ion: 75 Resp: 36347

Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.3#
77	0.0	24.8	37.2#

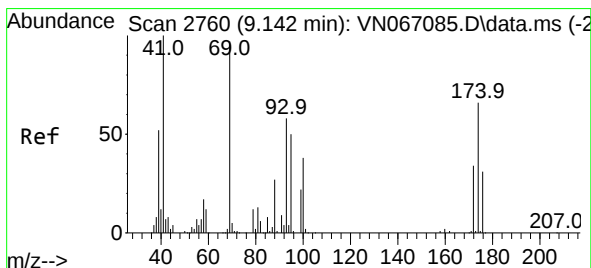
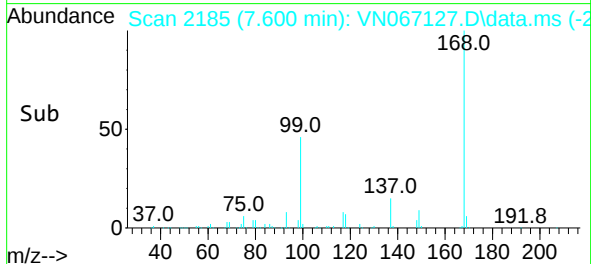
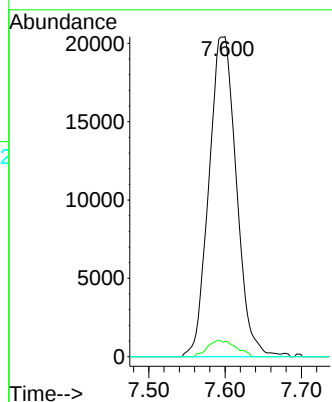
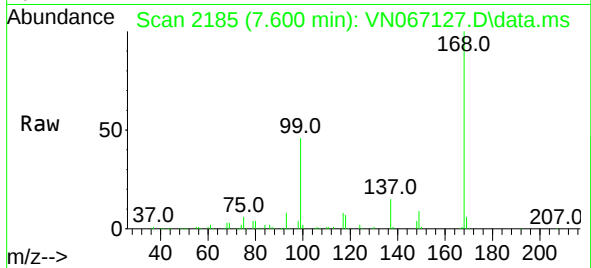




#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

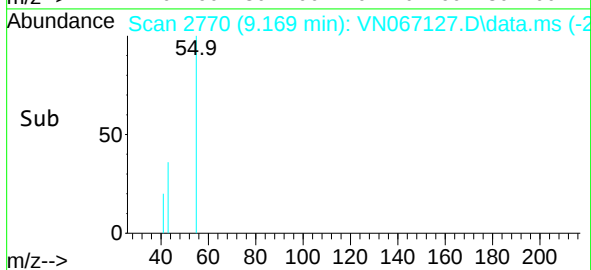
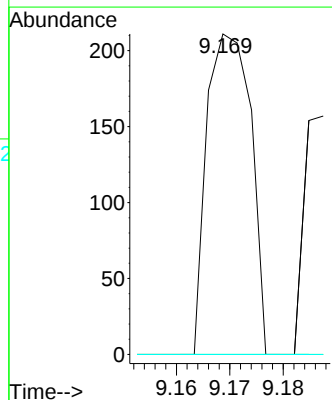
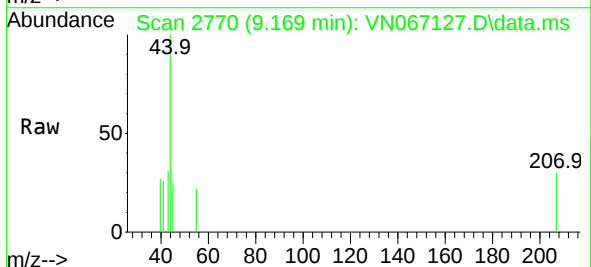
Instrument :
MSVOA_N
ClientSampleId :

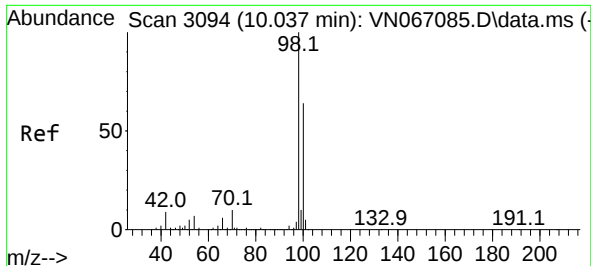
Tgt Ion: 117 Resp: 51089
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.96 ug/l
RT: 9.169 min Scan# 2770
Delta R.T. 0.027 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 41 Resp: 121
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#

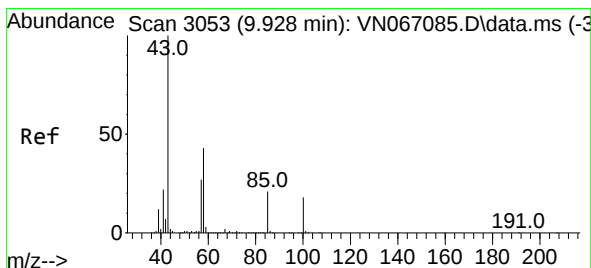
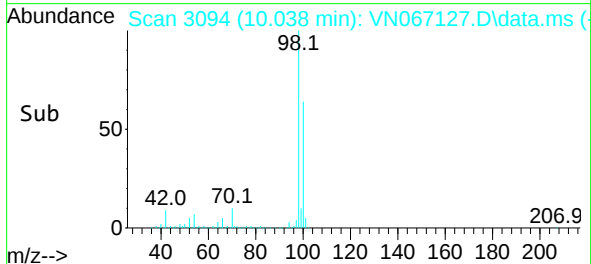
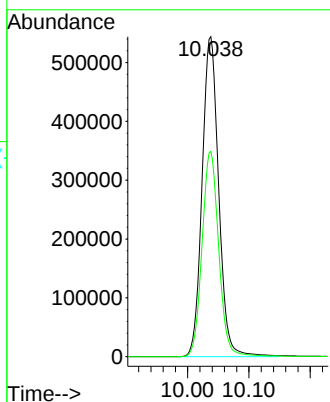
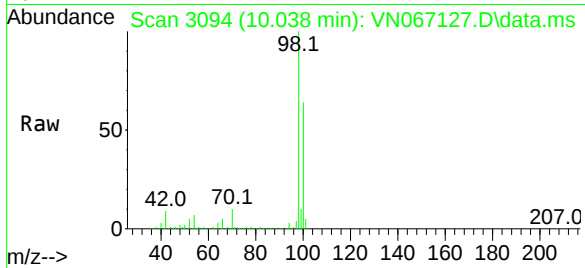




#50
Toluene-d8
Concen: 46.83 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

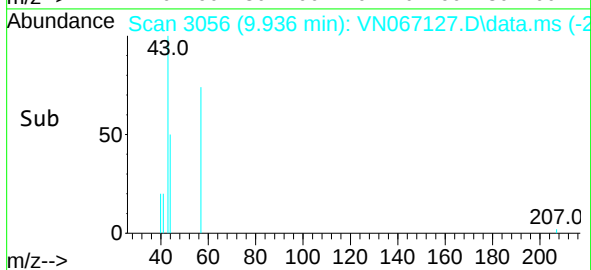
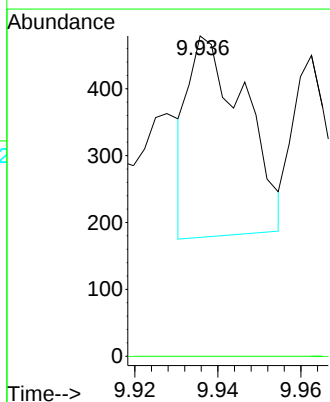
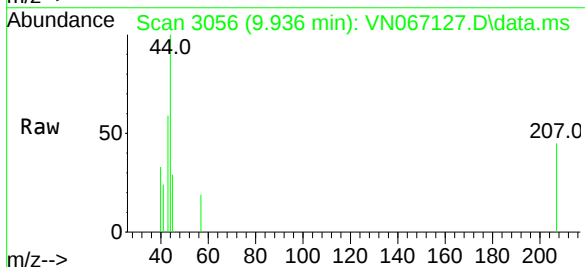
Instrument :
MSVOA_N
ClientSampled :

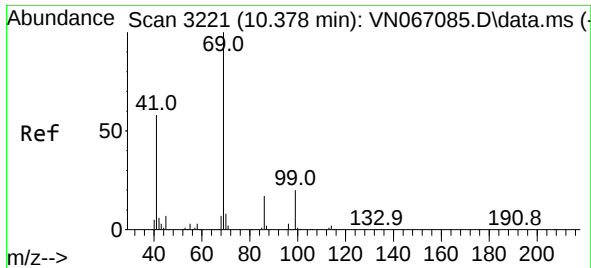
Tgt Ion: 98 Resp: 1024712
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 5.44 ug/l
RT: 9.936 min Scan# 3056
Delta R.T. 0.008 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

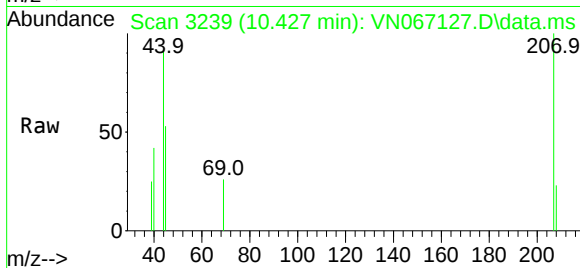
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#



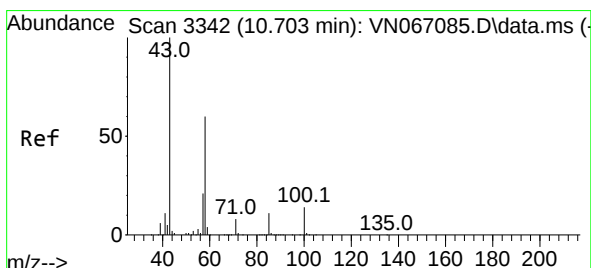
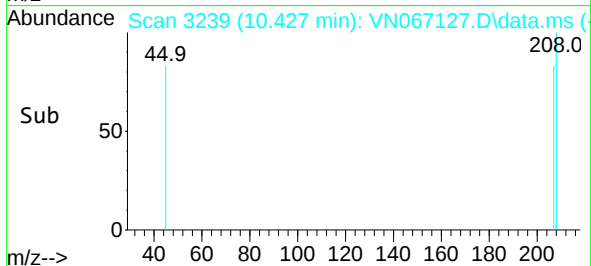
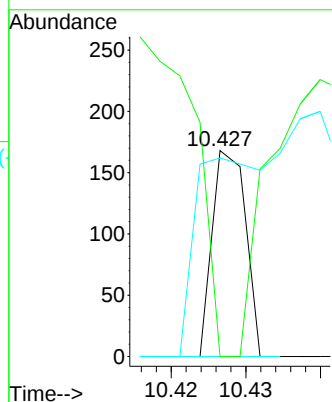


#56
Ethyl methacrylate
Concen: 1.95 ug/l
RT: 10.427 min Scan# 3239
Delta R.T. 0.049 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Instrument :
MSVOA_N
ClientSampled :

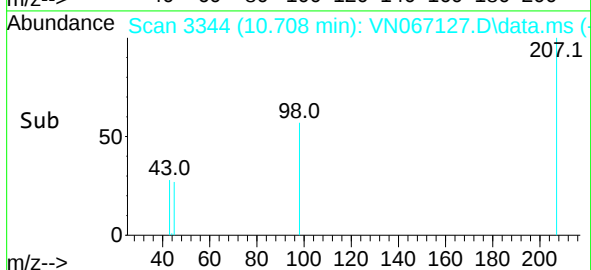
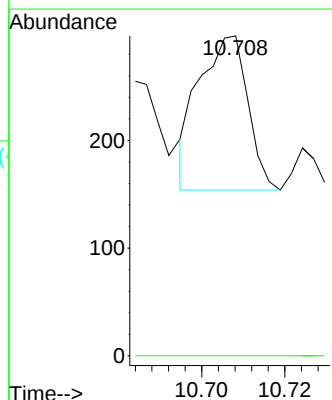
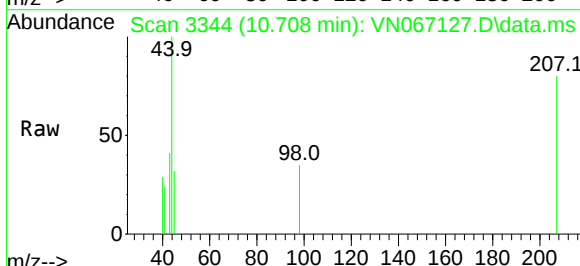


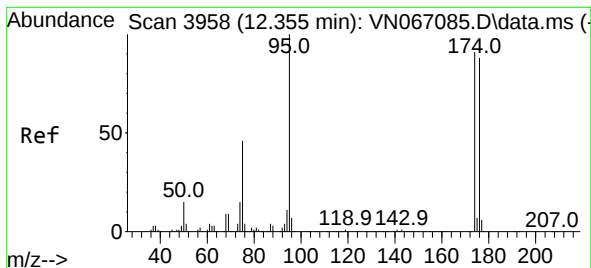
Tgt Ion: 69 Resp: 52
Ion Ratio Lower Upper
69 100
41 509.6 45.5 68.3#
39 194.2 22.9 34.3#



#59
2-Hexanone
Concen: 21.94 ug/l
RT: 10.708 min Scan# 3344
Delta R.T. 0.005 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

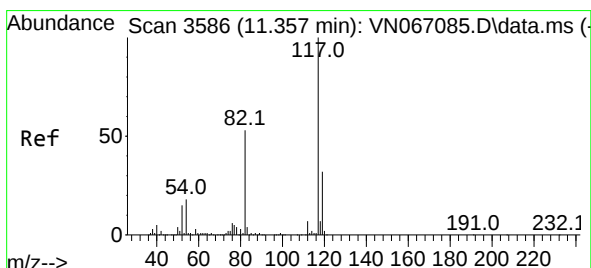
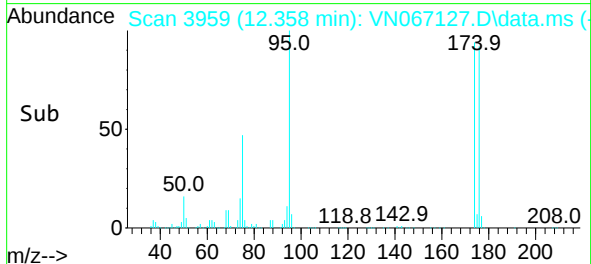
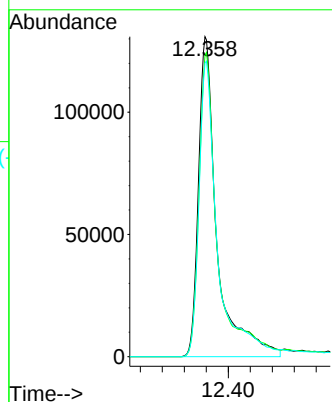
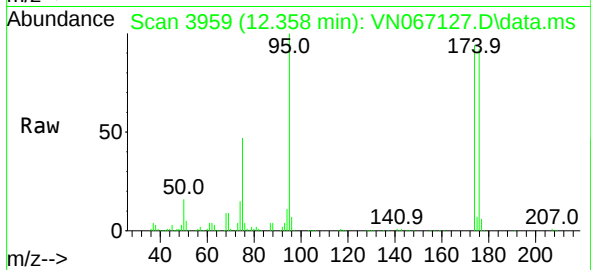




#62
4-Bromofluorobenzene
Concen: 41.88 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

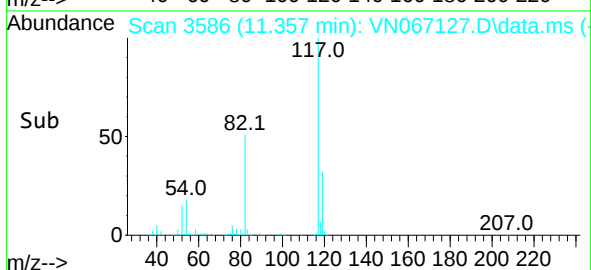
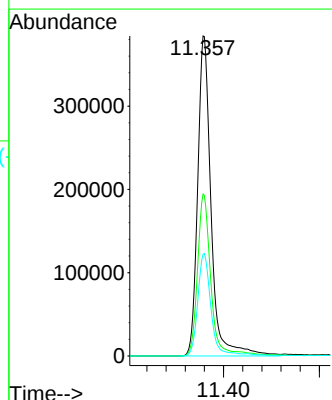
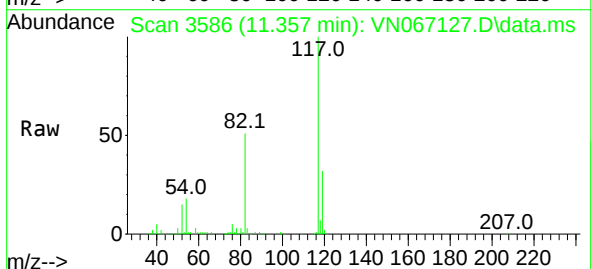
Instrument :
MSVOA_N
ClientSampled :

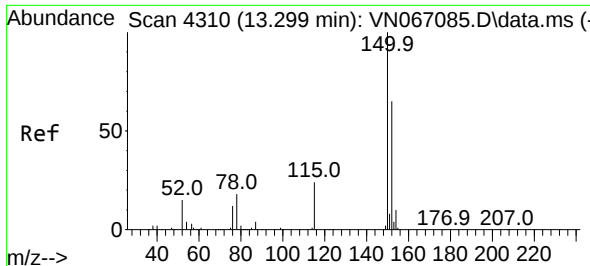
Tgt Ion: 95 Resp: 306941
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.8
176 92.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 117 Resp: 749412
Ion Ratio Lower Upper
117 100
82 50.6 42.2 63.2
119 31.8 25.8 38.6

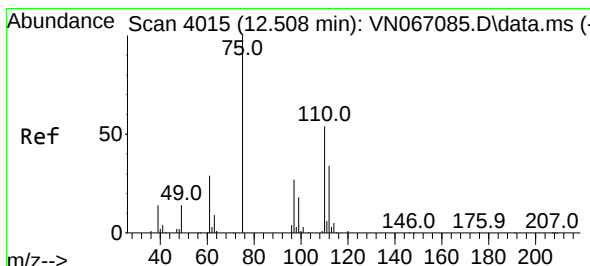
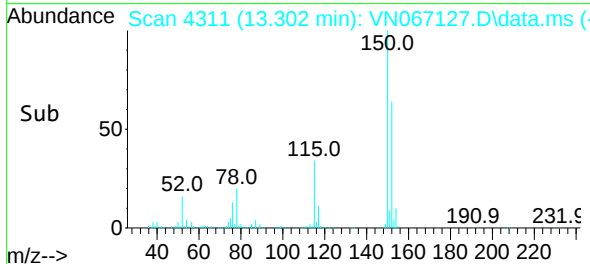
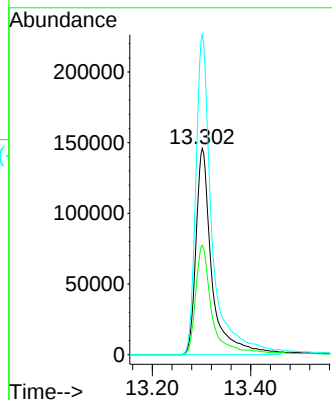
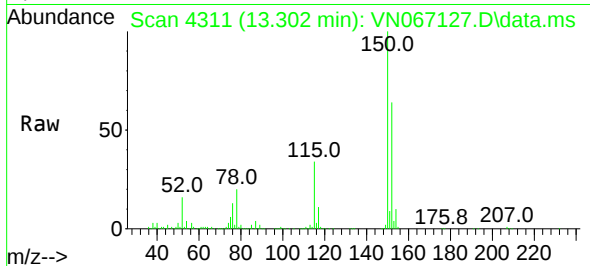




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.302 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

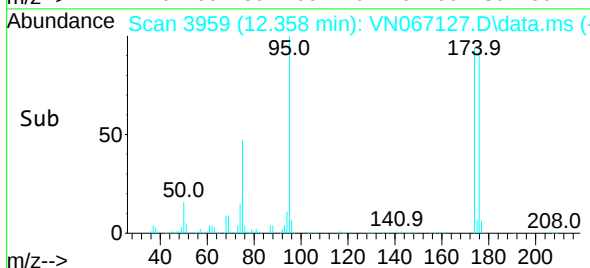
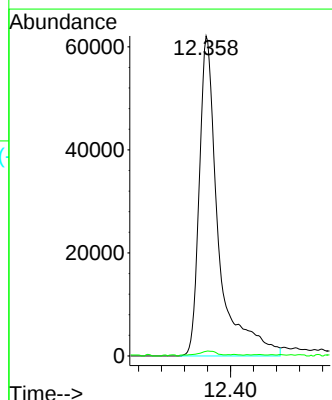
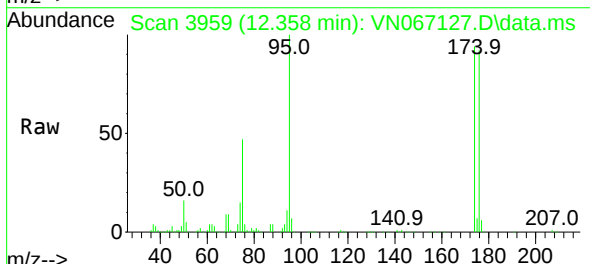
Instrument :
MSVOA_N
ClientSampled :

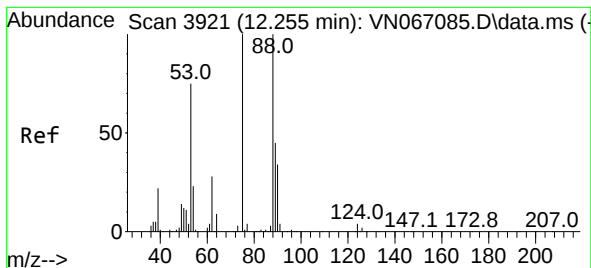
Tgt Ion:152 Resp: 331290
Ion Ratio Lower Upper
152 100
115 54.3 27.0 80.8
150 156.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 20.59 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. -0.150 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

Tgt Ion: 75 Resp: 143975
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

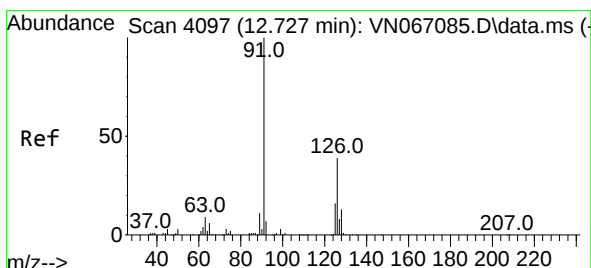
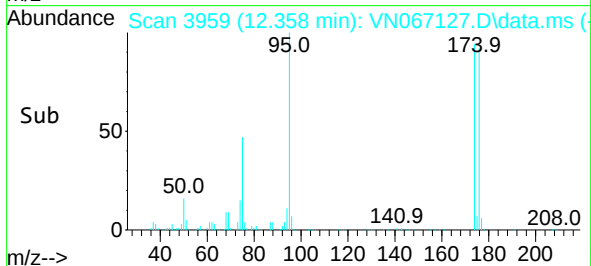
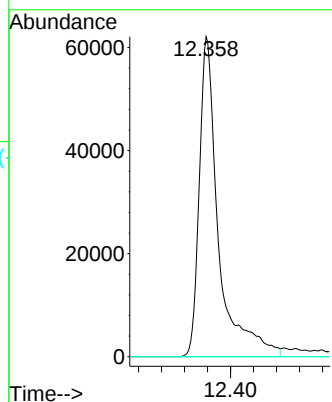
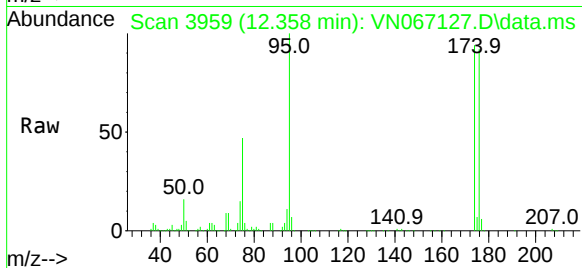




#81
trans-1,4-Dichloro-2-butene
Concen: 62.16 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.103 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

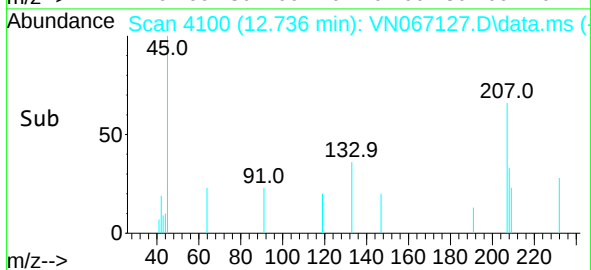
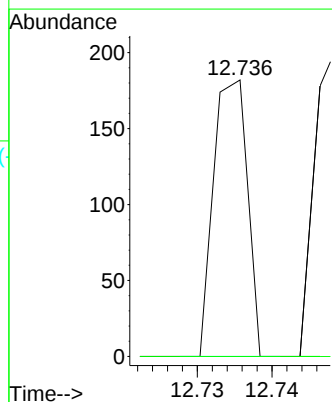
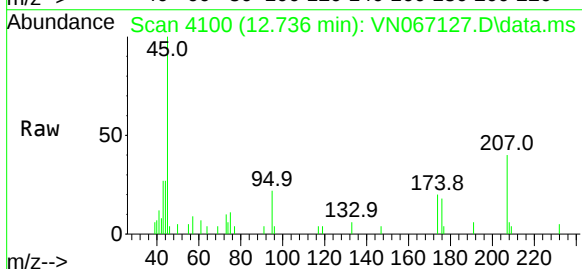
Instrument :
MSVOA_N
ClientSampled :

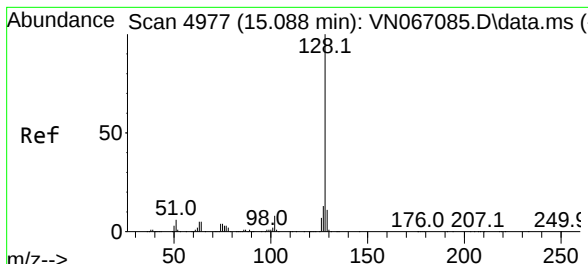
Tgt Ion: 75 Resp: 143975
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.18 ug/l
RT: 12.736 min Scan# 4100
Delta R.T. 0.009 min
Lab File: VN067127.D
Acq: 18 May 2021 15:16

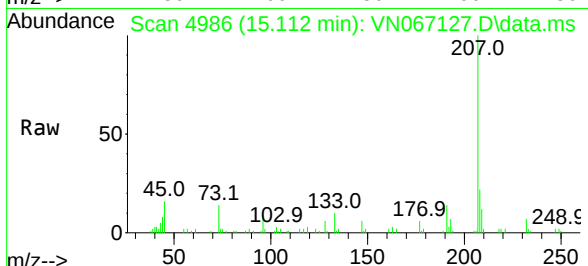
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#





#95
 Naphthalene
 Concen: 3.39 ug/l
 RT: 15.112 min Scan# 4986
 Delta R.T. 0.024 min
 Lab File: VN067127.D
 Acq: 18 May 2021 15:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	2078
Ion	Ratio	Lower	Upper
128	100		
127	1.3	10.2	15.2#
129	2.8	8.6	13.0#

