

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067119.D
 Acq On : 18 May 2021 11:37
 Operator : JC/MD
 Sample : VN0518MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 02:46:31 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)

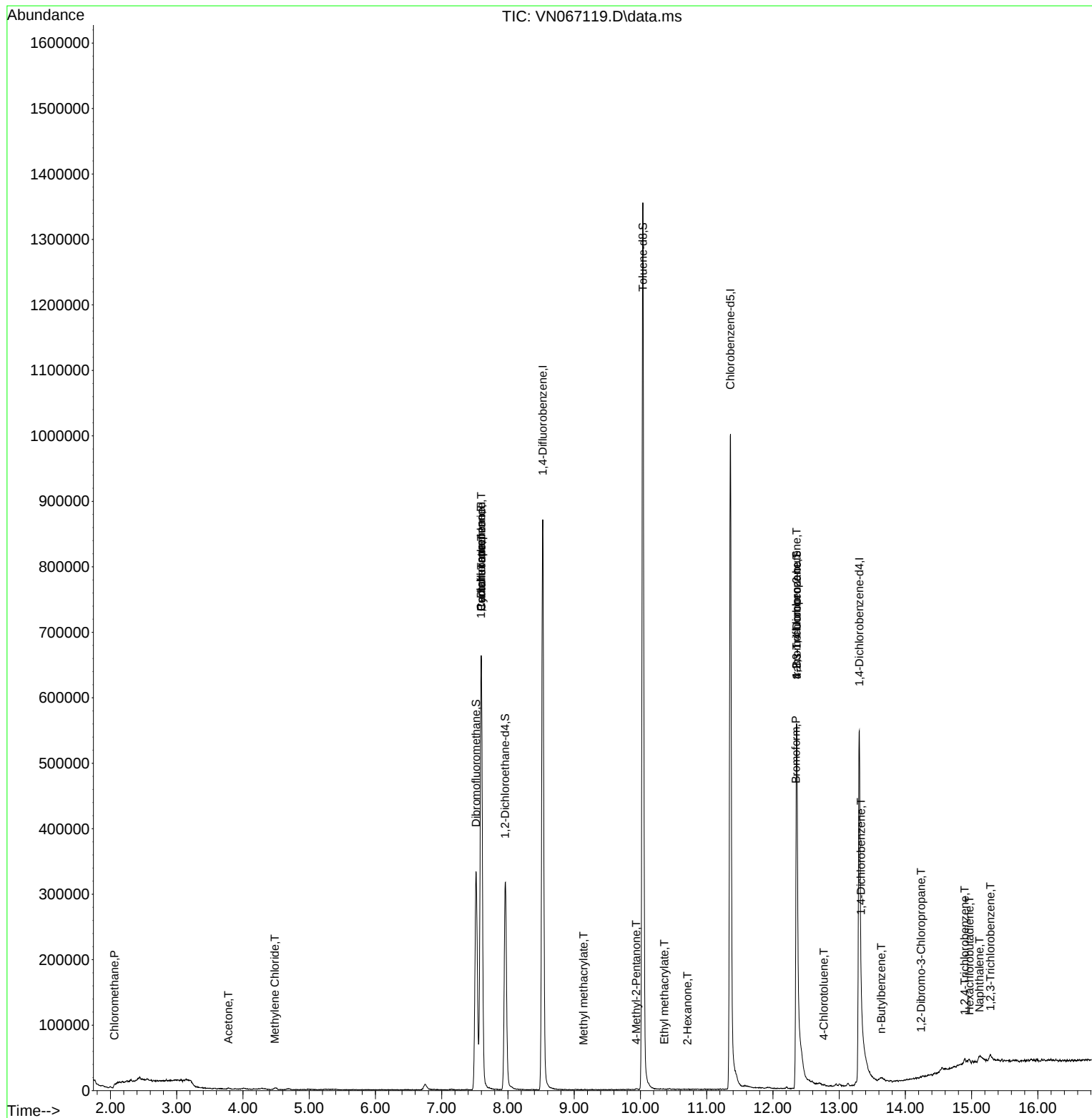
Internal Standards						
1) Pentafluorobenzene	7.597	168	630003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	881981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	733484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	266855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	292239	42.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.88%		
35) Dibromofluoromethane	7.519	113	270881	46.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.54%		
50) Toluene-d8	10.038	98	1033043	47.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.12%		
62) 4-Bromofluorobenzene	12.357	95	290373	39.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.98%		
Target Compounds					Qvalue	
3) Chloromethane	2.059	50	1623	0.23	ug/l	89
13) Acrolein	3.569	56	888	Below Cal	#	78
16) Acetone	3.780	43	1832	0.87	ug/l	92
20) Methylene Chloride	4.483	84	2537	0.44	ug/l	# 80
31) Cyclohexane	7.597	56	9161	0.98	ug/l	# 1
36) 1,1-Dichloropropene	7.594	75	37509	4.66	ug/l	# 48
38) Carbon Tetrachloride	7.597	117	52147	6.09	ug/l	# 15
48) Methyl methacrylate	9.142	41	208	1.98	ug/l	# 9
51) 4-Methyl-2-Pentanone	9.938	43	1190	5.57	ug/l	# 67
56) Ethyl methacrylate	10.362	69	24	1.94	ug/l	# 1
59) 2-Hexanone	10.711	43	519	22.02	ug/l	# 21
71) Bromoform	12.349	173	348	1.82	ug/l	# 1
76) 1,2,3-Trichloropropane	12.357	75	137655	24.44	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.357	75	137655	72.99	ug/l	# 15
82) 4-Chlorotoluene	12.768	91	738	1.23	ug/l	99
88) 1,4-Dichlorobenzene	13.328	146	1951	0.21	ug/l	# 72
89) n-Butylbenzene	13.634	91	3058	0.22	ug/l	# 55
92) 1,2-Dibromo-3-Chloropr...	14.237	75	337	0.34	ug/l	# 1
93) 1,2,4-Trichlorobenzene	14.895	180	3756	0.79	ug/l	# 62
94) Hexachlorobutadiene	14.967	225	1318	0.40	ug/l	86
95) Naphthalene	15.117	128	6231	3.77	ug/l	# 91
96) 1,2,3-Trichlorobenzene	15.283	180	5359	1.23	ug/l	87

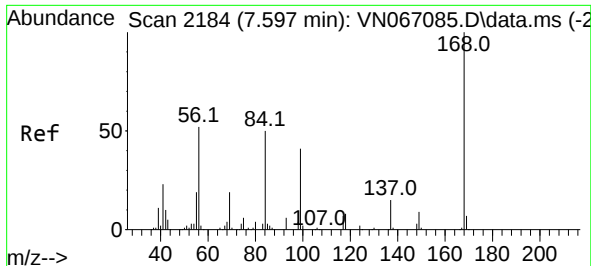
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
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Acq On : 18 May 2021 11:37
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Sample : VN0518MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 19 02:46:31 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

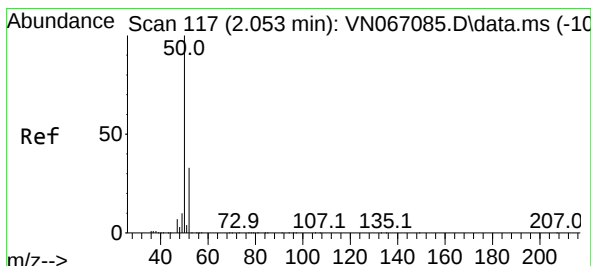
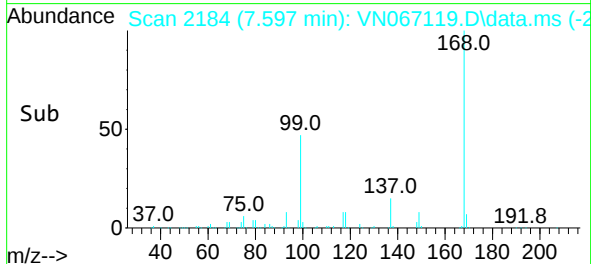
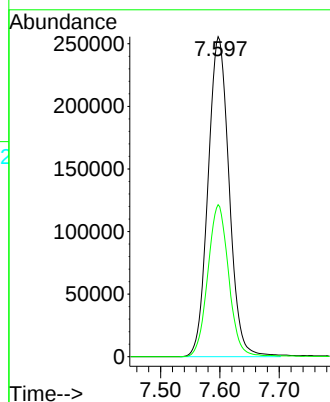
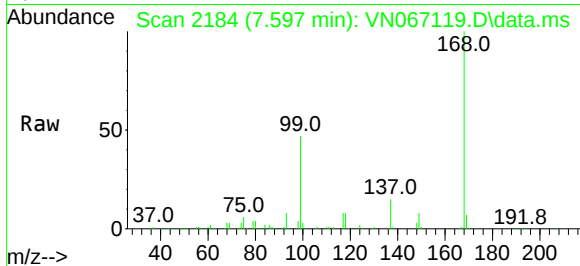




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

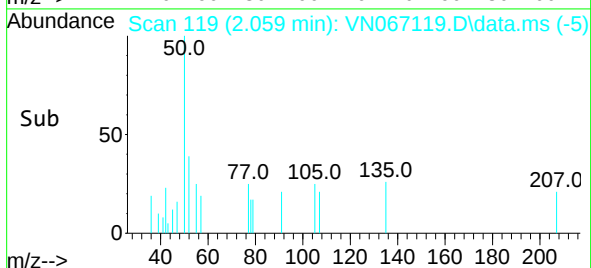
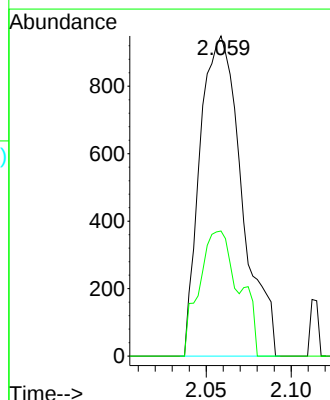
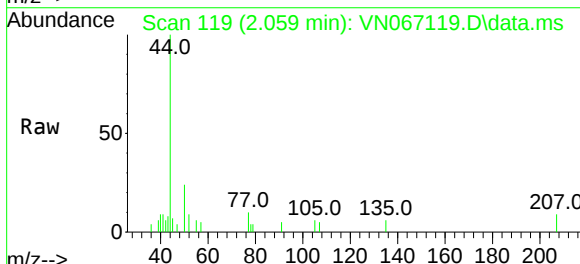
Instrument :
MSVOA_N
ClientSampleId :

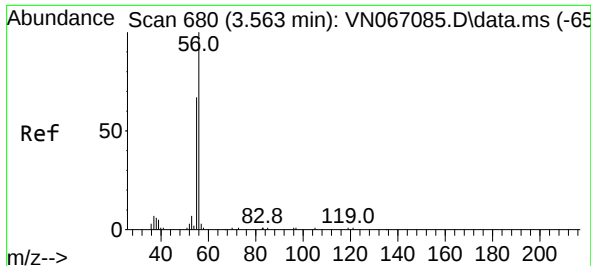
Tgt Ion:168 Resp: 630003
Ion Ratio Lower Upper
168 100
99 47.5 38.5 57.7



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.059 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 50 Resp: 1623
Ion Ratio Lower Upper
50 100
52 39.1 26.5 39.7

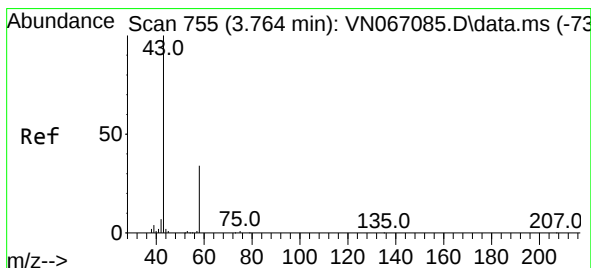
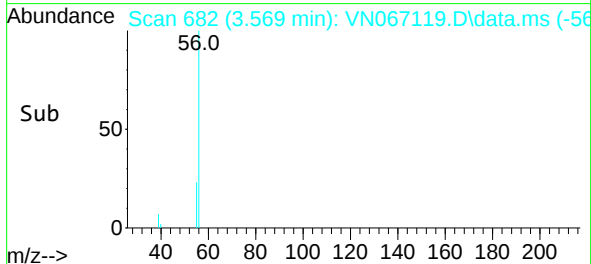
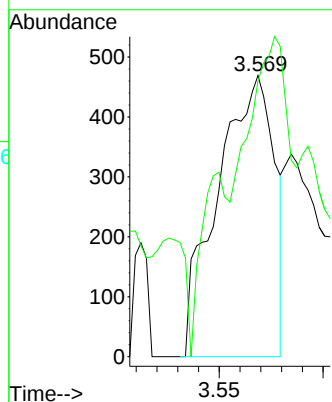
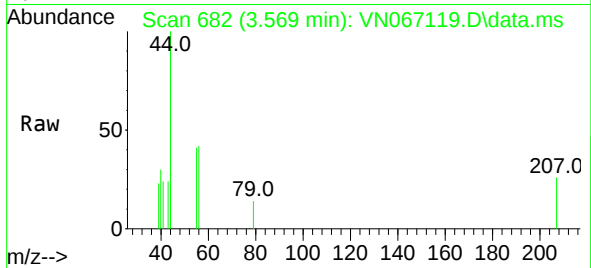




#13
Acrolein
Concen: Below Cal
RT: 3.569 min Scan# 682
Delta R.T. 0.006 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

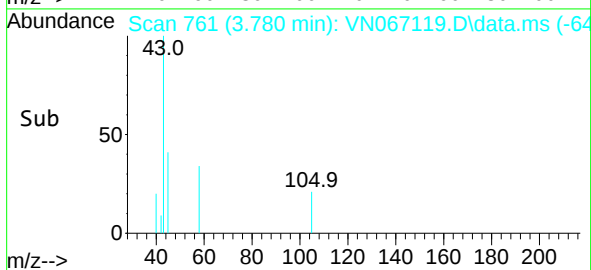
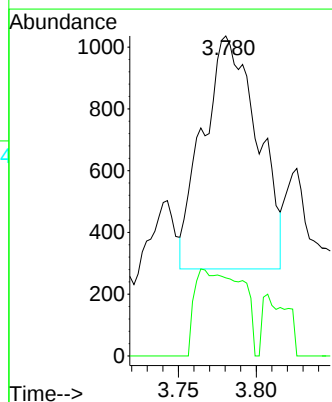
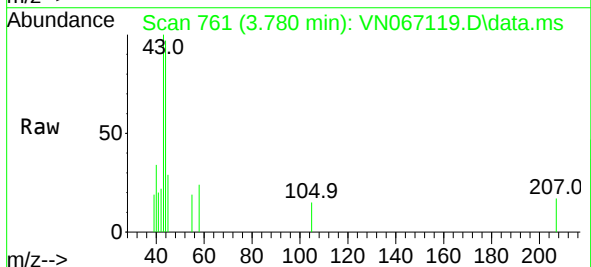
Instrument :
MSVOA_N
ClientSampleId :

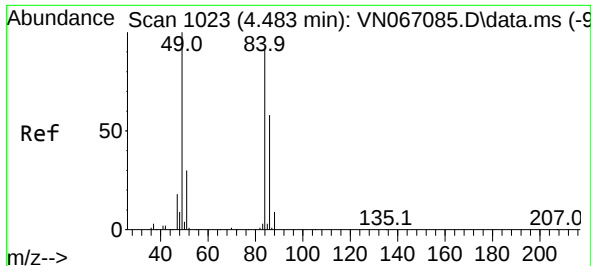
Tgt Ion: 56 Resp: 888
Ion Ratio Lower Upper
56 100
55 49.7 53.8 80.6#



#16
Acetone
Concen: 0.87 ug/l
RT: 3.780 min Scan# 761
Delta R.T. 0.016 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 38.8 27.2 40.8





#20

Methylene Chloride

Concen: 0.44 ug/l

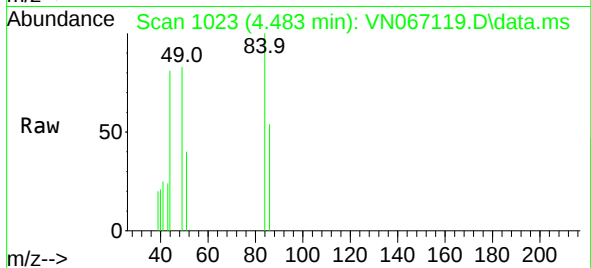
RT: 4.483 min Scan# 1023

Delta R.T. 0.000 min

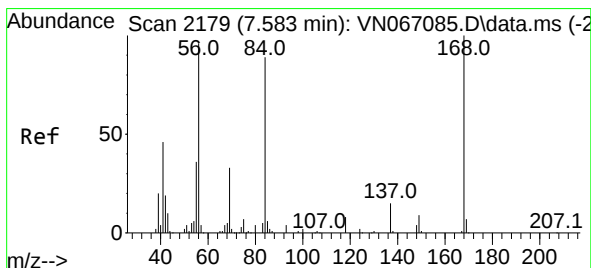
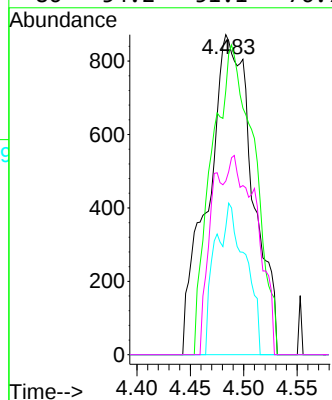
Lab File: VN067119.D

Acq: 18 May 2021 11:37

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	84	Resp:	2537
Ion	Ratio	Lower	Upper
84	100		
49	82.6	88.3	132.5#
51	39.8	26.7	40.1
86	54.2	51.1	76.7



#31

Cyclohexane

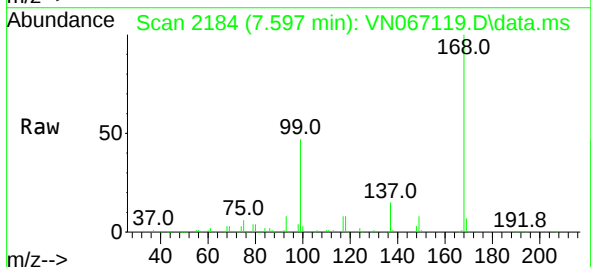
Concen: 0.98 ug/l

RT: 7.597 min Scan# 2184

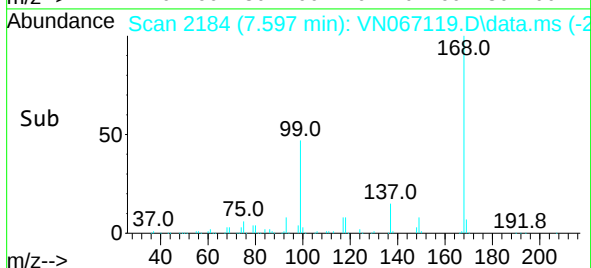
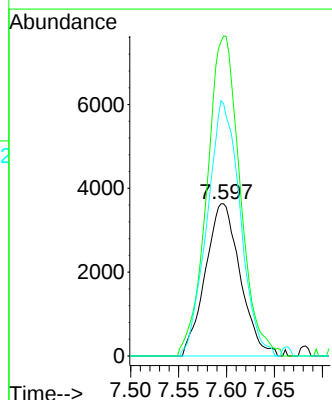
Delta R.T. 0.014 min

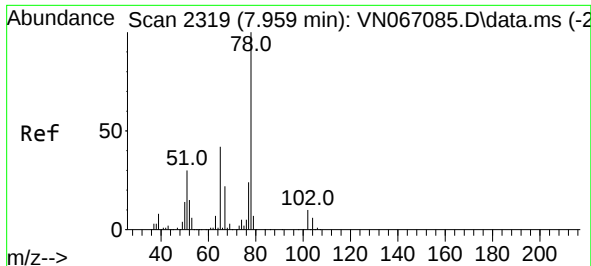
Lab File: VN067119.D

Acq: 18 May 2021 11:37



Tgt Ion:	56	Resp:	9161
Ion	Ratio	Lower	Upper
56	100		
69	205.8	28.0	42.0#
84	165.8	74.2	111.2#

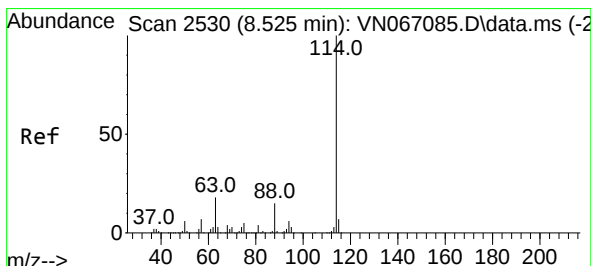
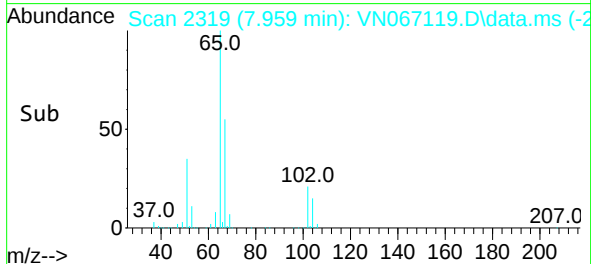
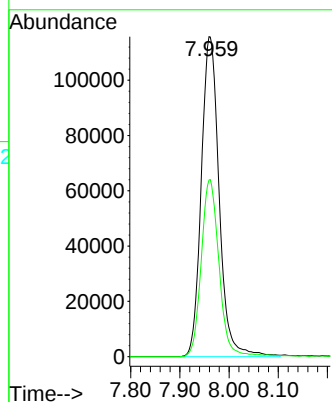
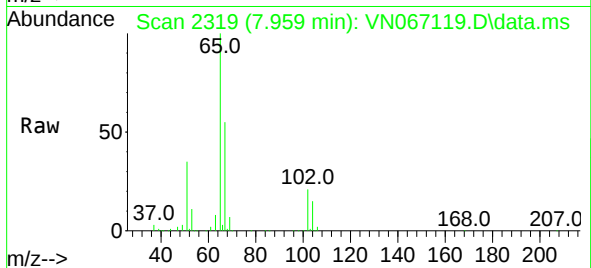




#33
 1,2-Dichloroethane-d4
 Concen: 42.94 ug/l
 RT: 7.959 min Scan# 2319
 Delta R.T. -0.000 min
 Lab File: VN067119.D
 Acq: 18 May 2021 11:37

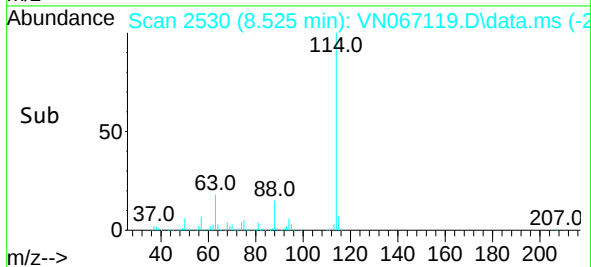
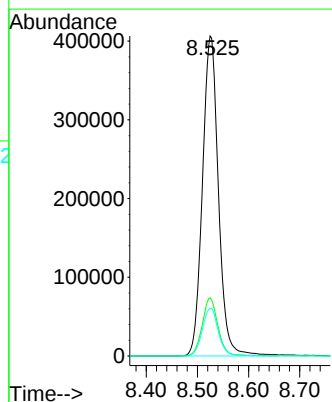
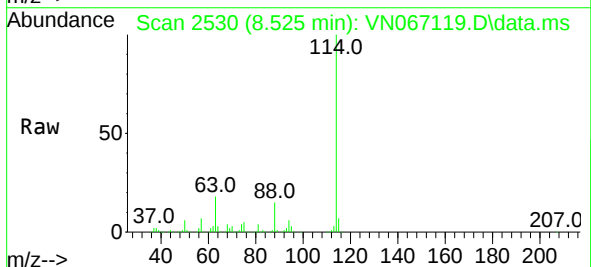
Instrument :
 MSVOA_N
 ClientSampled :

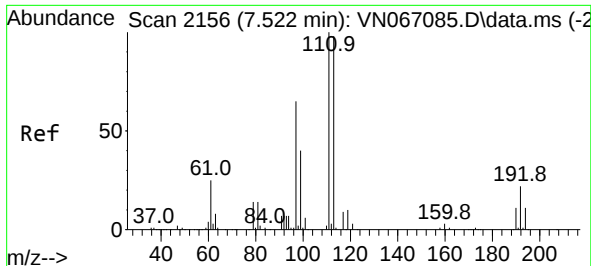
Tgt Ion: 65 Resp: 292239
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.525 min Scan# 2530
 Delta R.T. -0.000 min
 Lab File: VN067119.D
 Acq: 18 May 2021 11:37

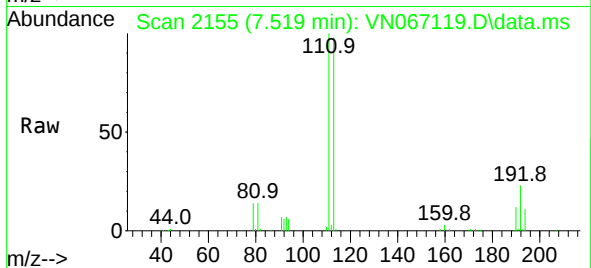
Tgt Ion: 114 Resp: 881981
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 14.9 0.0 30.4



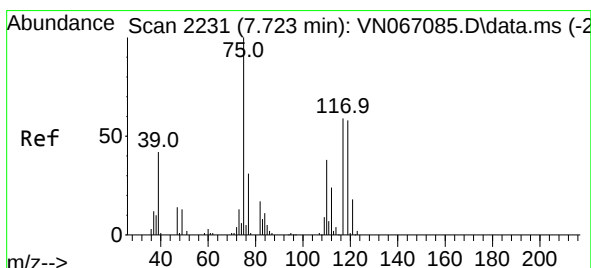
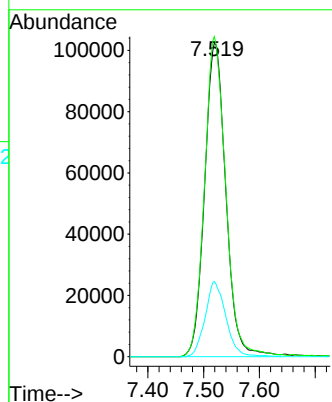
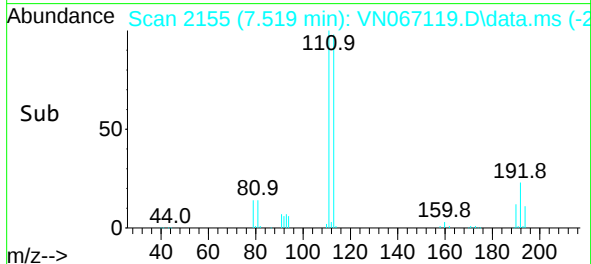


#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 7.519 min Scan# 2155
 Delta R.T. -0.003 min
 Lab File: VN067119.D
 Acq: 18 May 2021 11:37

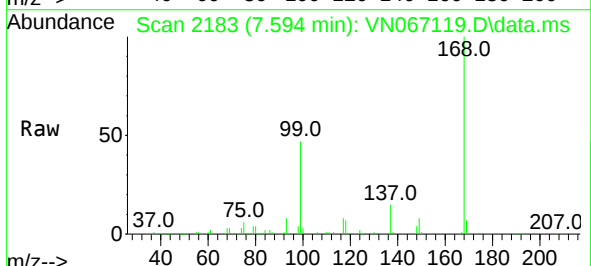
Instrument :
 MSVOA_N
 ClientSampleId :



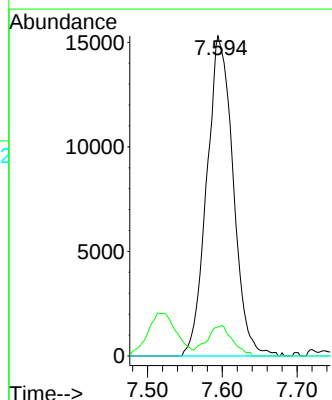
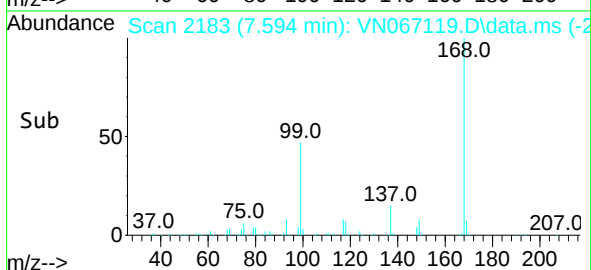
Tgt Ion:113 Resp: 270881
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 23.3 18.2 27.4

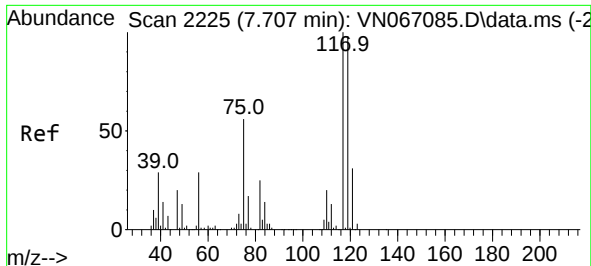


#36
 1,1-Dichloropropene
 Concen: 4.66 ug/l
 RT: 7.594 min Scan# 2183
 Delta R.T. -0.129 min
 Lab File: VN067119.D
 Acq: 18 May 2021 11:37



Tgt Ion: 75 Resp: 37509
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.3#
 77 0.0 24.8 37.2#

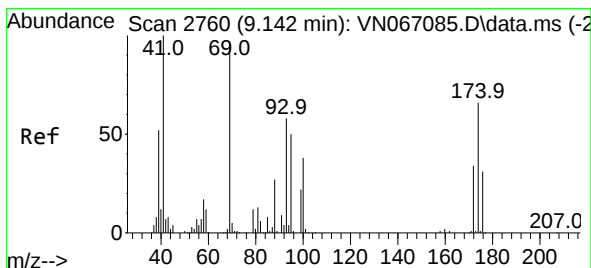
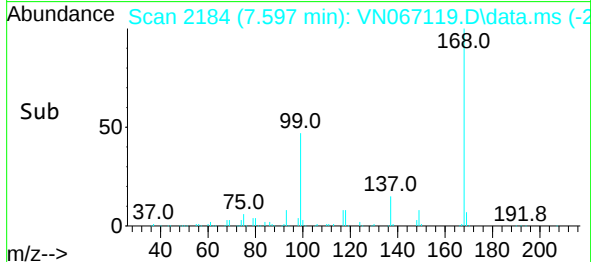
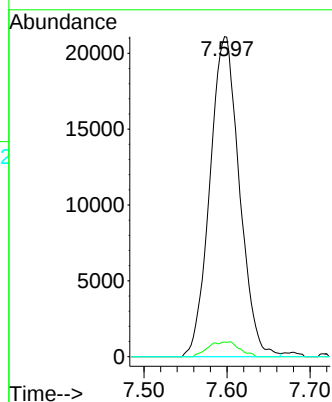
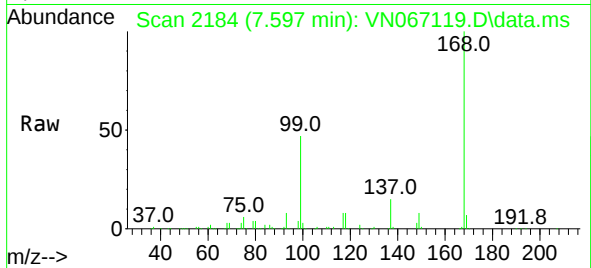




#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.110 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

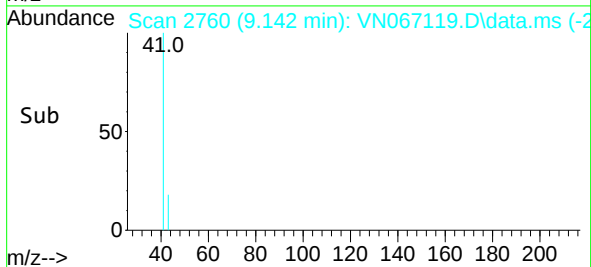
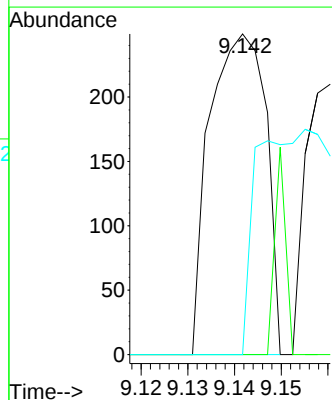
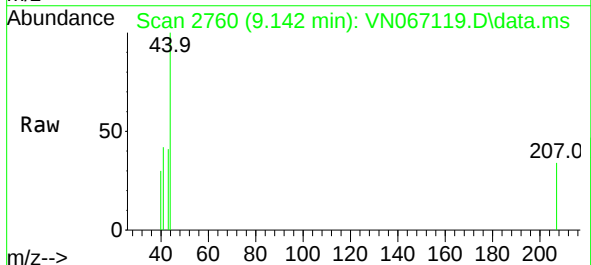
Instrument :
MSVOA_N
ClientSampleId :

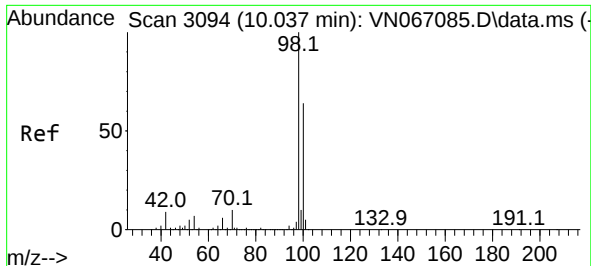
Tgt Ion: 117 Resp: 52147
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 9.142 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 41 Resp: 208
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#

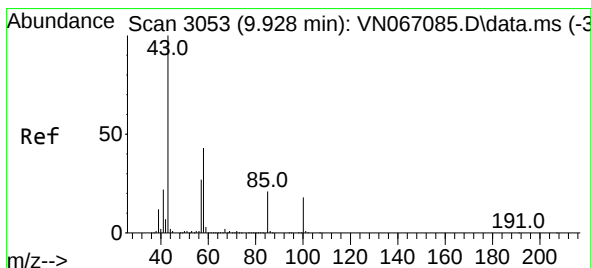
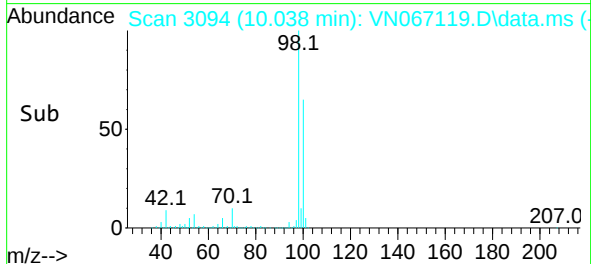
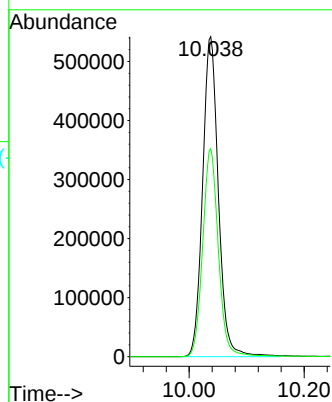
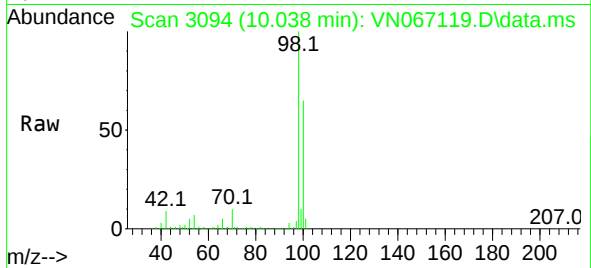




#50
Toluene-d8
Concen: 47.06 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

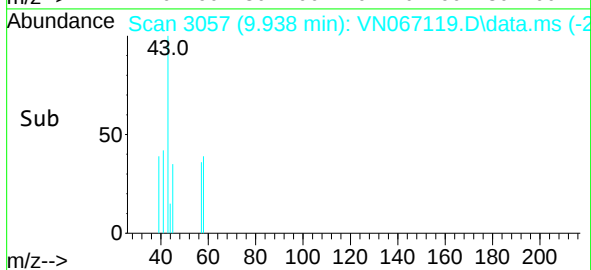
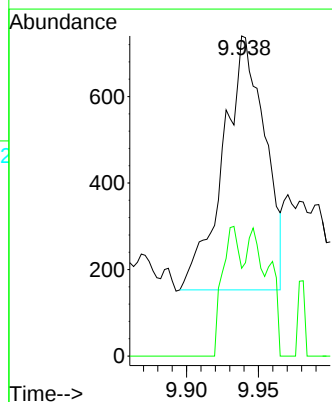
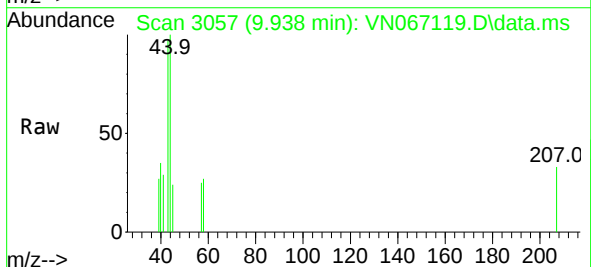
Instrument :
MSVOA_N
ClientSampled :

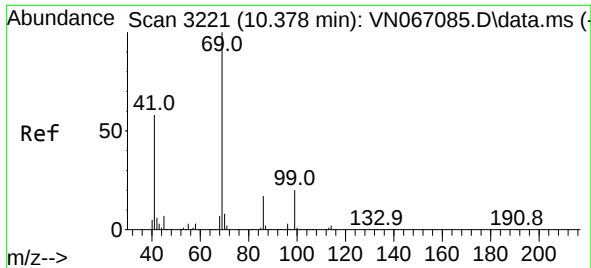
Tgt Ion: 98 Resp: 1033043
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 5.57 ug/l
RT: 9.938 min Scan# 3057
Delta R.T. 0.010 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 22.0 34.5 51.7#

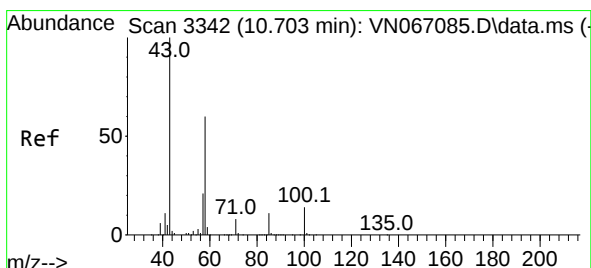
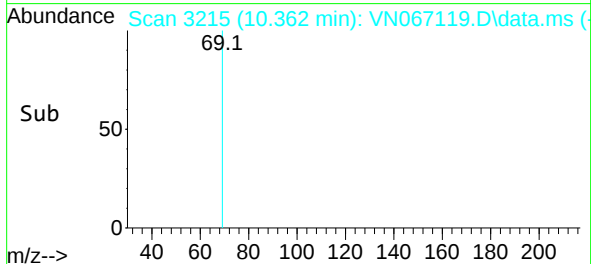
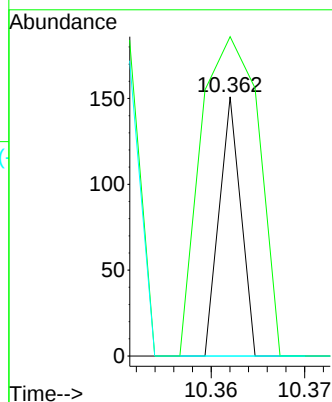
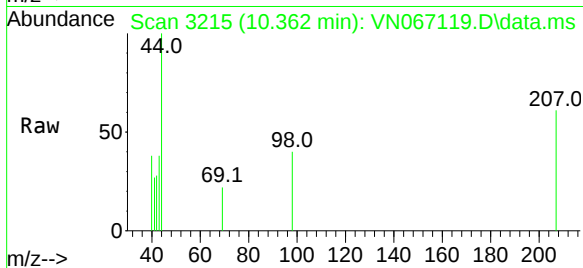




#56
Ethyl methacrylate
Concen: 1.94 ug/l
RT: 10.362 min Scan# 3215
Delta R.T. -0.016 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

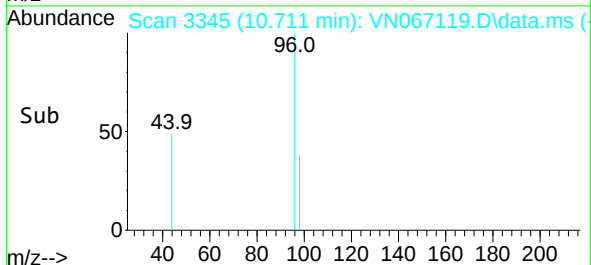
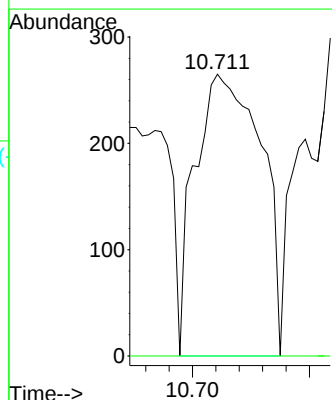
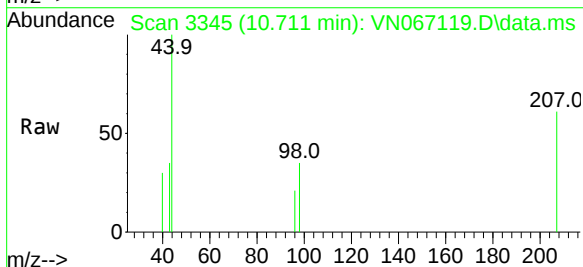
Instrument :
MSVOA_N
ClientSampleId :

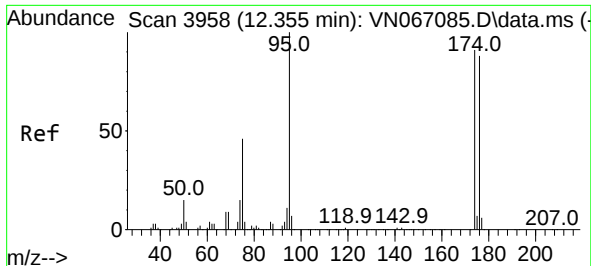
Tgt Ion:	69	Resp:	24
Ion	Ratio	Lower	Upper
69	100		
41	333.3	45.5	68.3#
39	0.0	22.9	34.3#



#59
2-Hexanone
Concen: 22.02 ug/l
RT: 10.711 min Scan# 3345
Delta R.T. 0.008 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion:	43	Resp:	519
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.5#

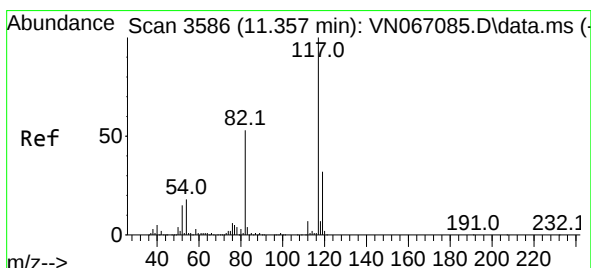
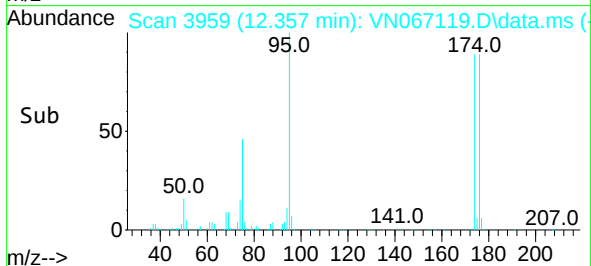
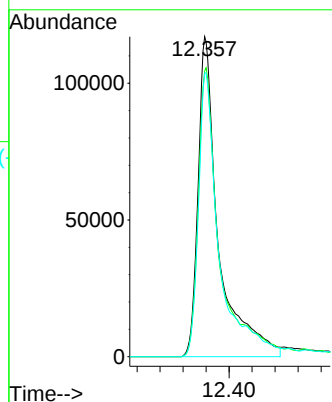
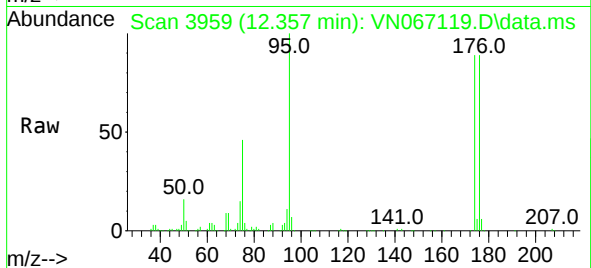




#62
4-Bromofluorobenzene
Concen: 39.49 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

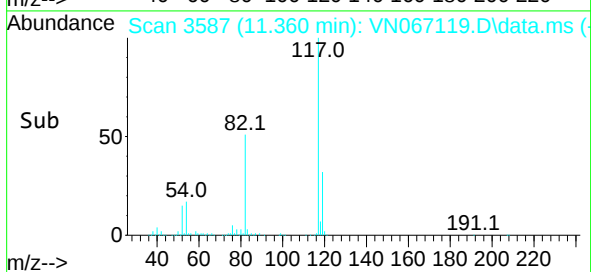
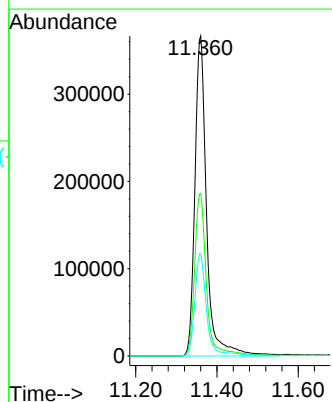
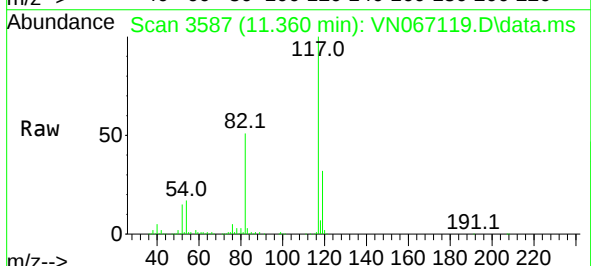
Instrument :
MSVOA_N
ClientSampled :

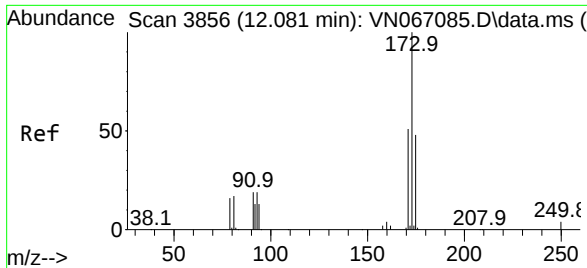
Tgt Ion: 95 Resp: 290373
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.8
176 80.8 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 117 Resp: 733484
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.2
119 32.0 25.8 38.6

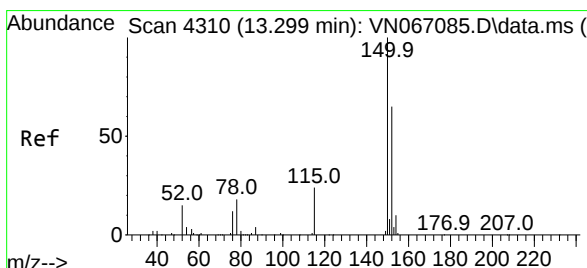
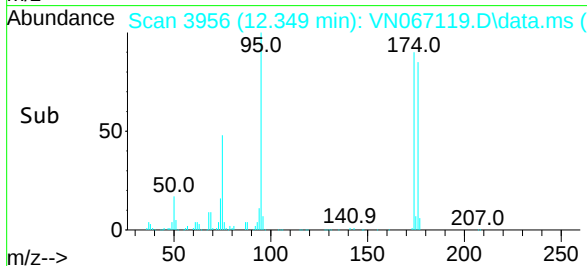
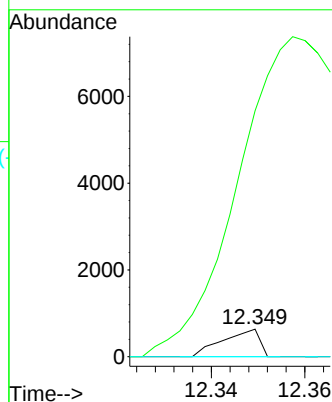
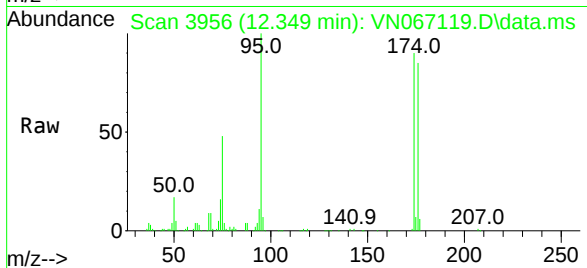




#71
Bromoform
Concen: 1.82 ug/l
RT: 12.349 min Scan# 3956
Delta R.T. 0.268 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

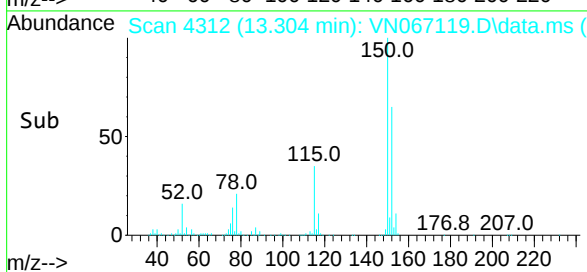
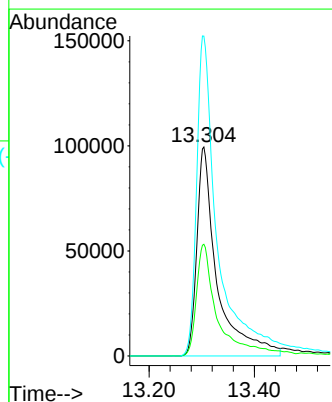
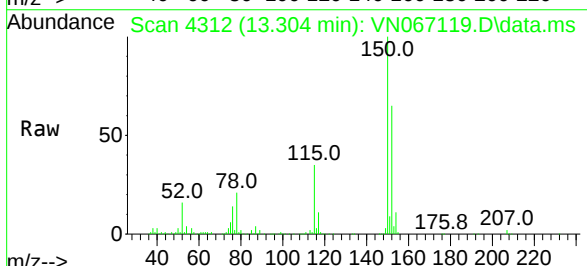
Instrument :
MSVOA_N
ClientSampleId :

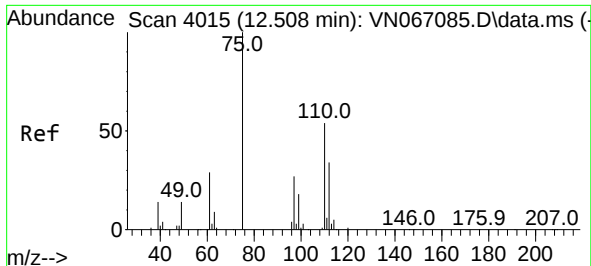
Tgt Ion:173 Resp: 348
Ion Ratio Lower Upper
173 100
175 3320.1 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion:152 Resp: 266855
Ion Ratio Lower Upper
152 100
115 51.2 27.0 80.8
150 161.5 0.0 350.2

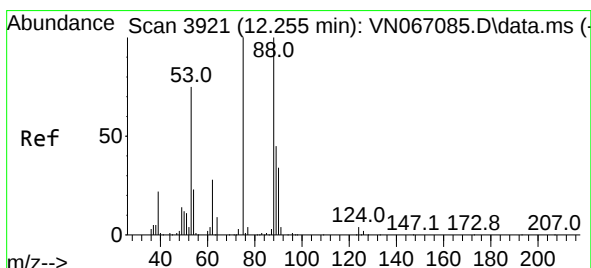
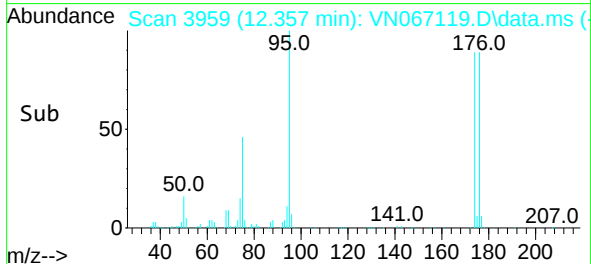
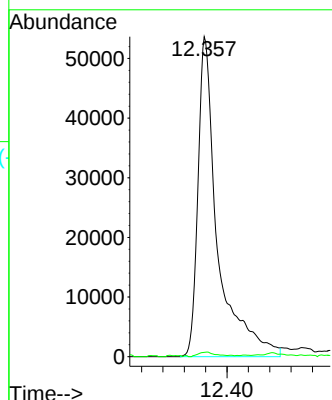
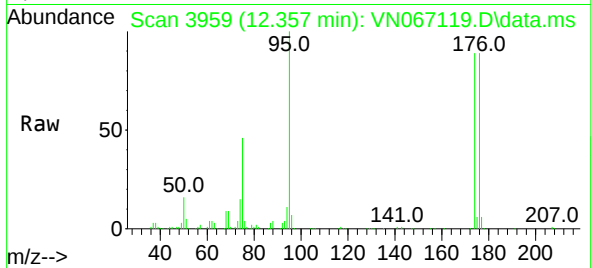




#76
1,2,3-Trichloropropane
Concen: 24.44 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.151 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

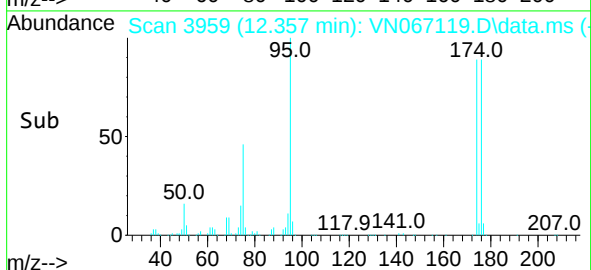
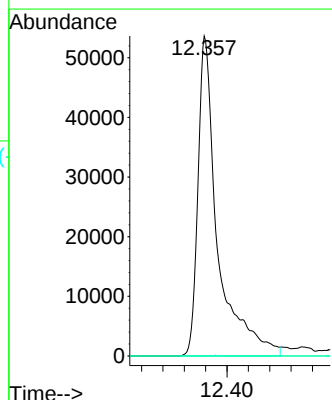
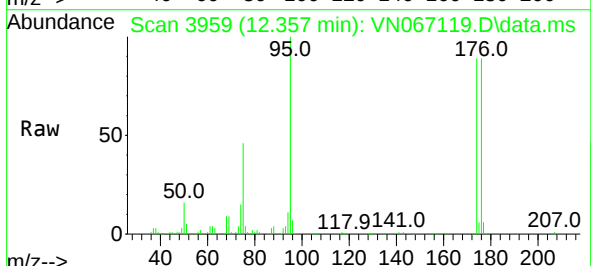
Instrument :
MSVOA_N
ClientSampled :

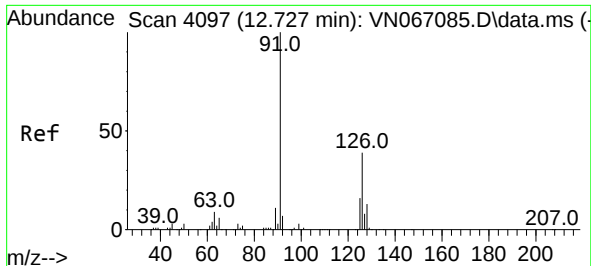
Tgt Ion: 75 Resp: 137655
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.99 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 75 Resp: 137655
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

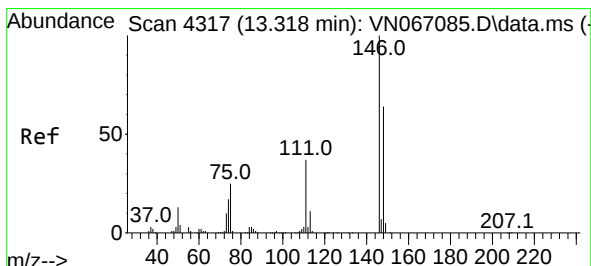
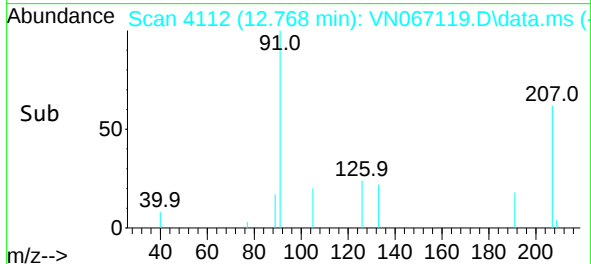
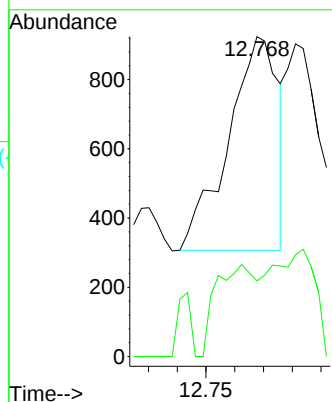
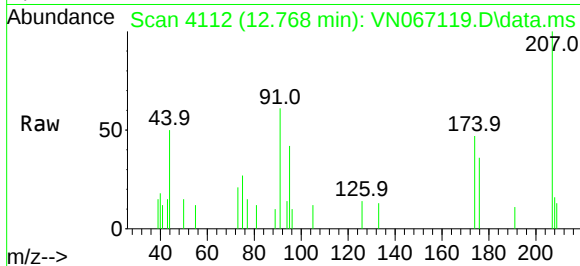




#82
4-Chlorotoluene
Concen: 1.23 ug/l
RT: 12.768 min Scan# 4112
Delta R.T. 0.041 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

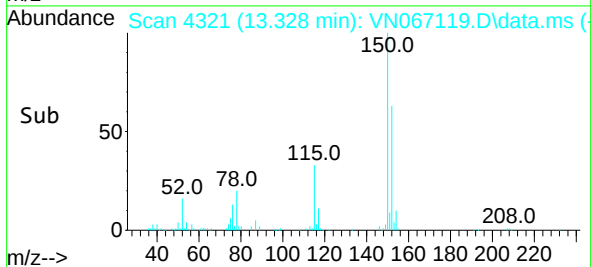
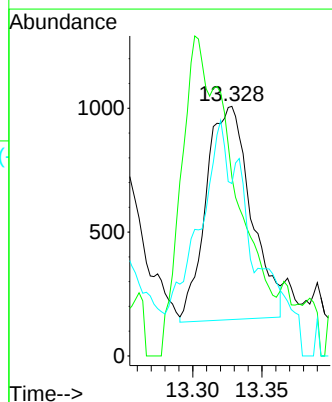
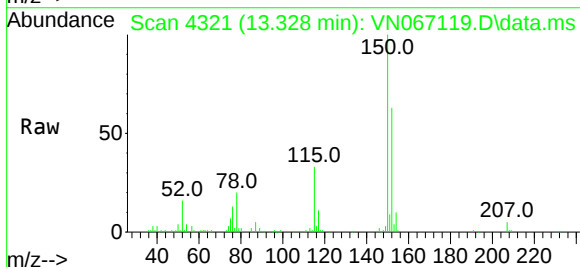
Instrument :
MSVOA_N
ClientSampled :

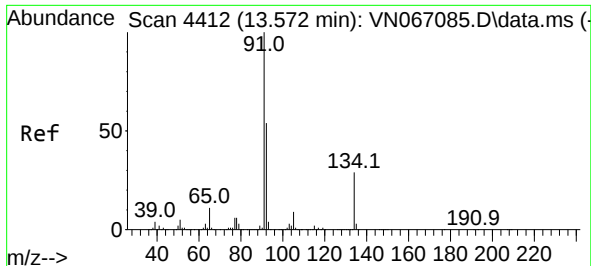
Tgt Ion: 91 Resp: 738
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1



#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 13.328 min Scan# 4321
Delta R.T. 0.010 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion:146 Resp: 1951
Ion Ratio Lower Upper
146 100
111 0.0 18.5 55.5#
148 56.4 31.4 94.3

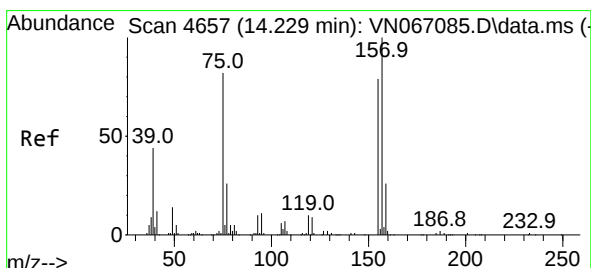
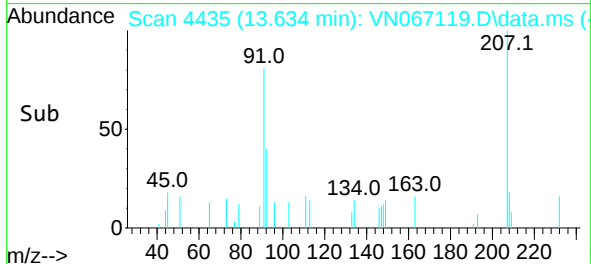
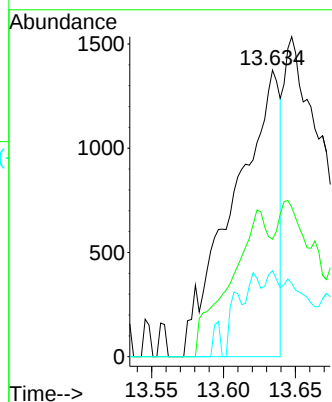
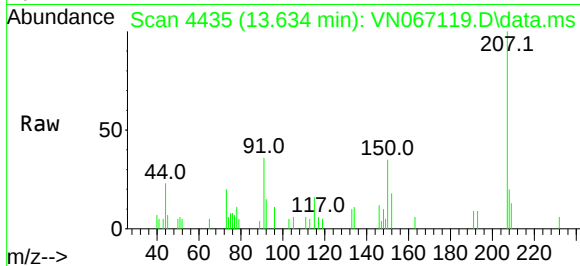




#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.634 min Scan# 4435
Delta R.T. 0.062 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

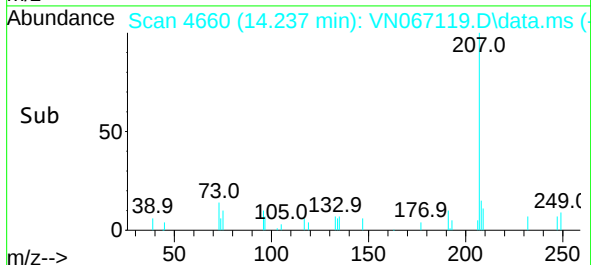
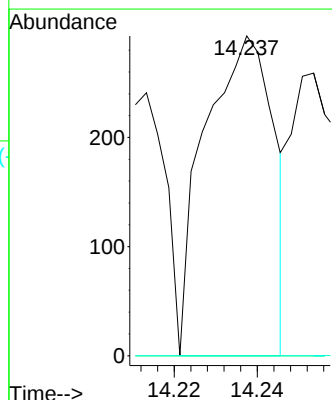
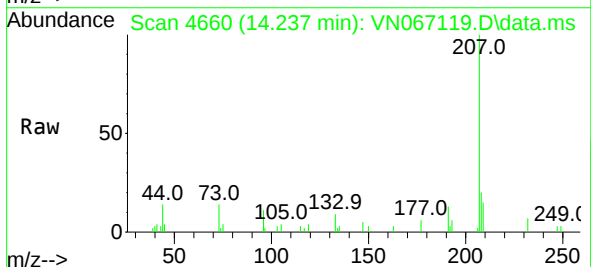
Instrument :
MSVOA_N
ClientSampled :

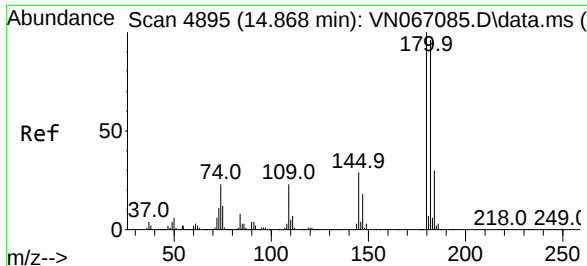
Tgt Ion: 91 Resp: 3058
Ion Ratio Lower Upper
91 100
92 23.9 26.5 79.5#
134 0.0 14.3 42.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.34 ug/l
RT: 14.237 min Scan# 4660
Delta R.T. 0.008 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion: 75 Resp: 337
Ion Ratio Lower Upper
75 100
155 0.0 49.9 149.7#
157 0.0 63.8 191.4#

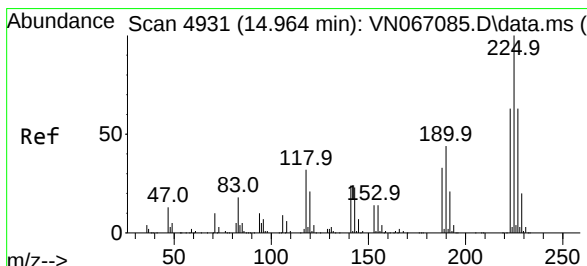
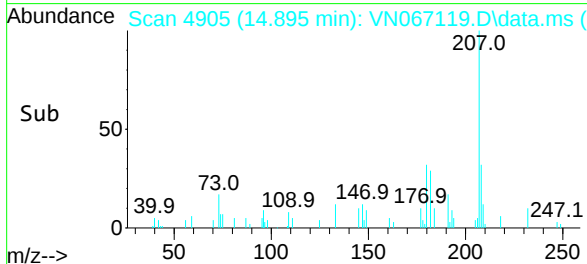
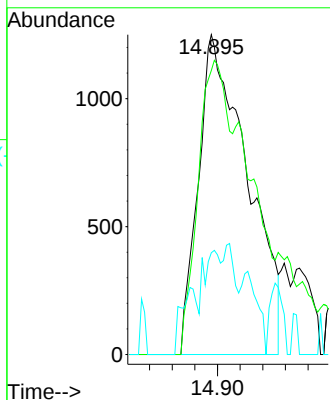
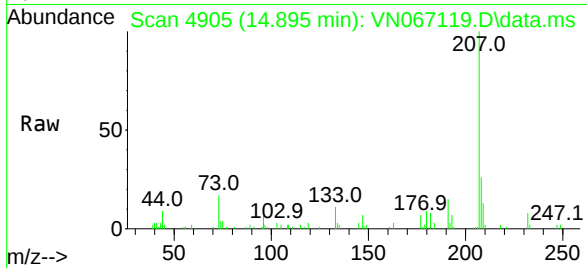




#93
1,2,4-Trichlorobenzene
Concen: 0.79 ug/l
RT: 14.895 min Scan# 4905
Delta R.T. 0.027 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

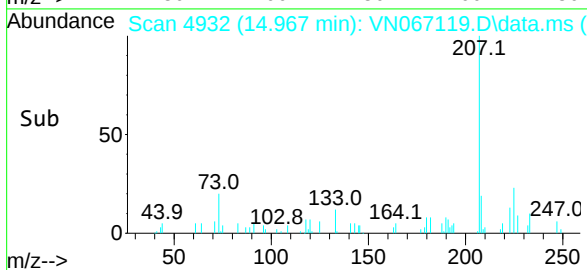
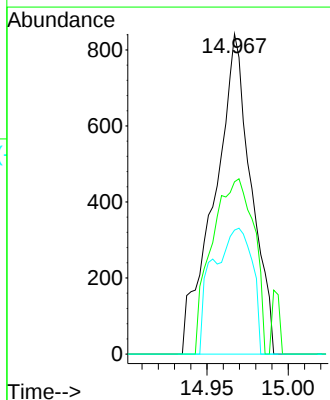
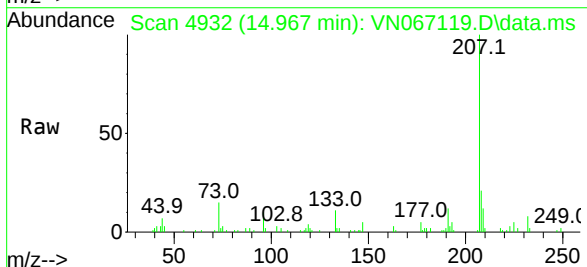
Instrument :
MSVOA_N
ClientSampleId :

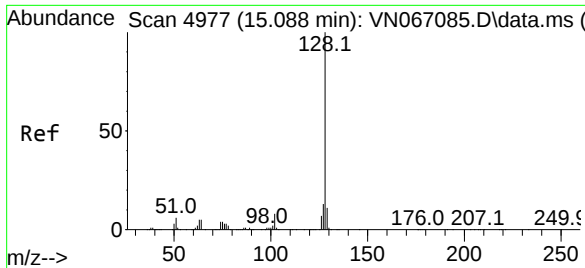
Tgt Ion:180 Resp: 3756
Ion Ratio Lower Upper
180 100
182 58.3 47.3 141.8
145 6.2 14.0 42.0#



#94
Hexachlorobutadiene
Concen: 0.40 ug/l
RT: 14.967 min Scan# 4932
Delta R.T. 0.003 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion:225 Resp: 1318
Ion Ratio Lower Upper
225 100
223 63.2 31.7 95.1
227 42.2 31.7 95.1

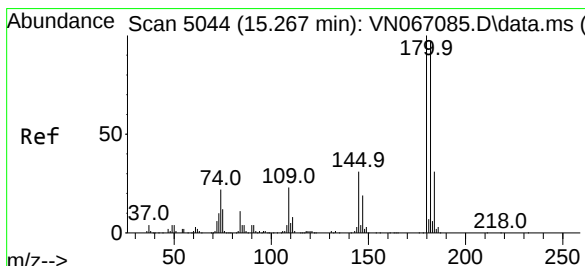
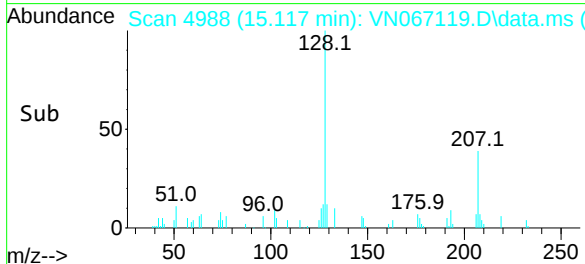
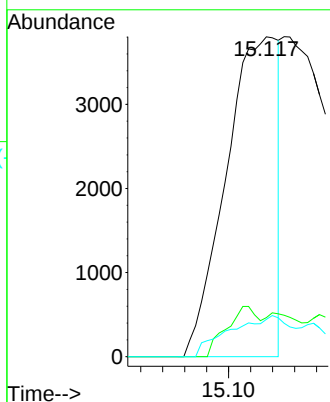
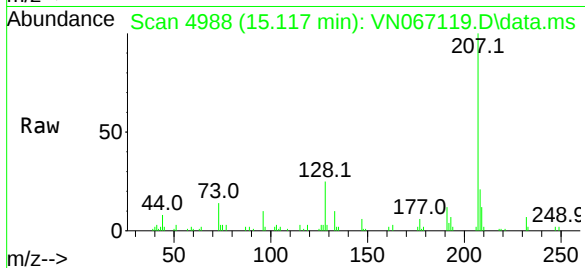




#95
Naphthalene
Concen: 3.77 ug/l
RT: 15.117 min Scan# 4988
Delta R.T. 0.029 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 6231
Ion Ratio Lower Upper
128 100
127 9.8 10.2 15.2#
129 15.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.23 ug/l
RT: 15.283 min Scan# 5050
Delta R.T. 0.016 min
Lab File: VN067119.D
Acq: 18 May 2021 11:37

Tgt Ion:180 Resp: 5359
Ion Ratio Lower Upper
180 100
182 86.1 48.5 145.6
145 20.6 15.4 46.2

