

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067171.D
 Acq On : 26 May 2021 16:55
 Operator : JC/MD
 Sample : M2517-03 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1917

Quant Time: May 27 02:40:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

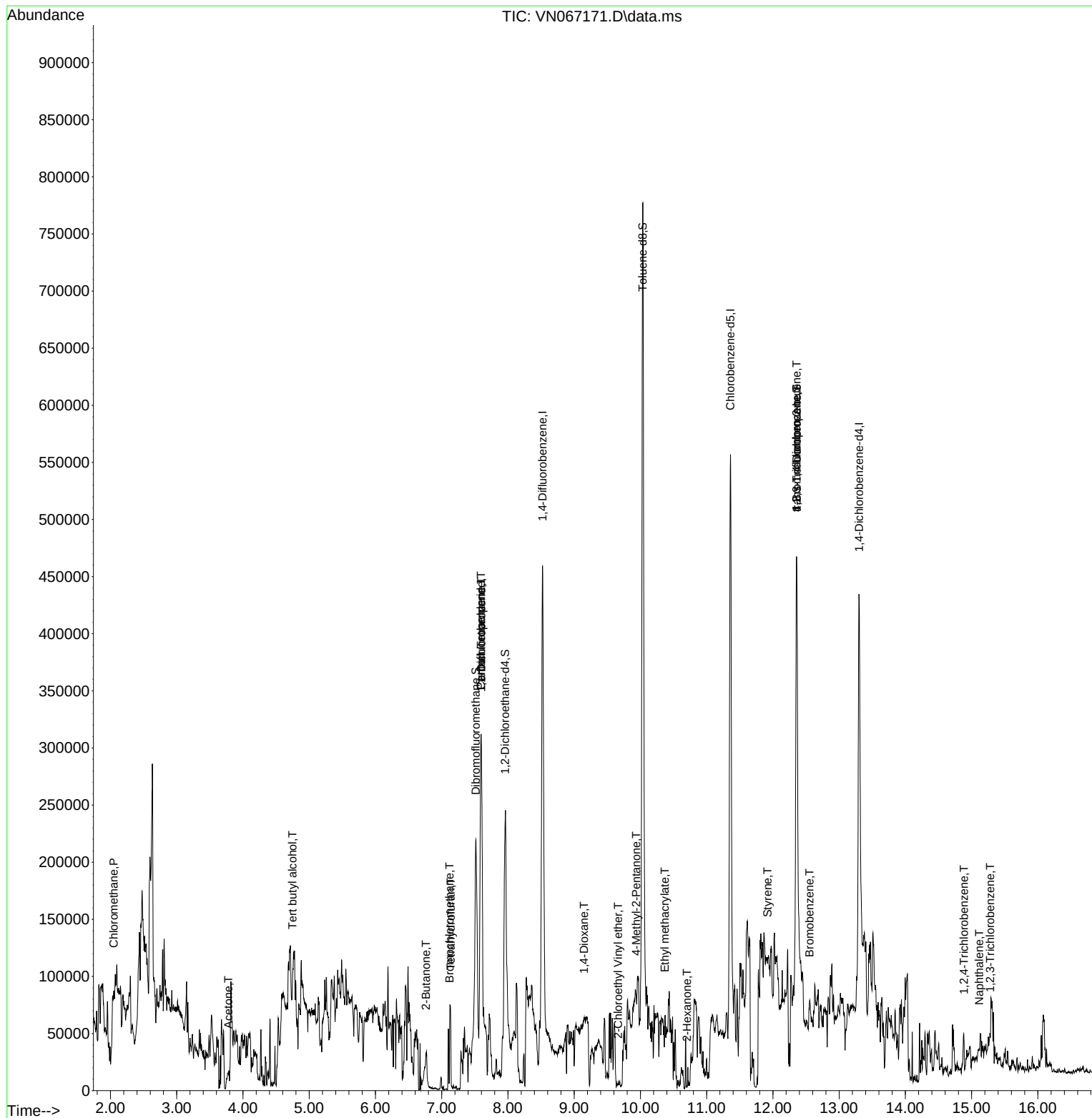
Internal Standards						
1) Pentafluorobenzene	7.594	168	213020	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	388754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	338196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	139680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	184058	55.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.34%			
35) Dibromofluoromethane	7.516	113	138562	58.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 116.16%			
50) Toluene-d8	10.035	98	522809	56.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.88%			
62) 4-Bromofluorobenzene	12.357	95	184094	58.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.30%			
Target Compounds						Qvalue
3) Chloromethane	2.048	50	837	0.22	ug/l	# 42
11) Tert butyl alcohol	4.749	59	312	0.45	ug/l	# 1
16) Acetone	3.778	43	15052	11.08	ug/l	100
25) 2-Butanone	6.763	43	1769	0.82	ug/l	98
28) Bromochloromethane	7.119	49	740	0.27	ug/l	# 2
29) Tetrahydrofuran	7.136	42	640	0.46	ug/l	# 67
36) 1,1-Dichloropropene	7.597	75	17667	4.49	ug/l	# 46
38) Carbon Tetrachloride	7.594	117	21646	5.65	ug/l	# 16
49) 1,4-Dioxane	9.150	88	431	69.04	ug/l	# 31
51) 4-Methyl-2-Pentanone	9.938	43	1697	0.41	ug/l	# 65
56) Ethyl methacrylate	10.370	69	505	2.89	ug/l	# 67
58) 2-Chloroethyl Vinyl ether	9.662	63	198	7.03	ug/l	# 45
59) 2-Hexanone	10.703	43	123	18.90	ug/l	90
70) Styrene	11.920	104	597	2.57	ug/l	# 80
76) 1,2,3-Trichloropropane	12.357	75	84428	21.71	ug/l	# 100
77) Bromobenzene	12.553	156	555	0.20	ug/l	66
81) trans-1,4-Dichloro-2-b...	12.357	75	84428	62.10	ug/l	# 16
93) 1,2,4-Trichlorobenzene	14.884	180	873	3.60	ug/l	84
95) Naphthalene	15.114	128	9019	5.04	ug/l	# 74
96) 1,2,3-Trichlorobenzene	15.281	180	1732	0.87	ug/l	66

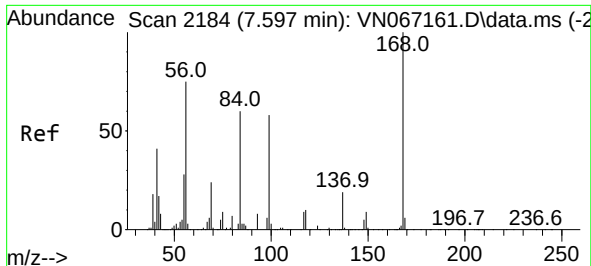
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 21 17:24:08 2021
Response via : Initial Calibration

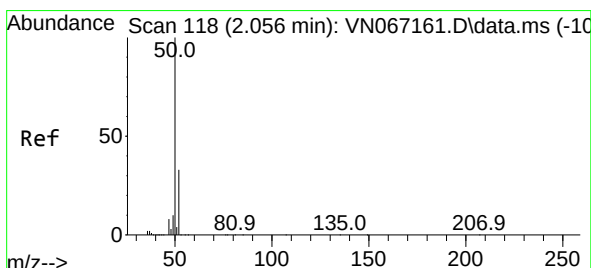
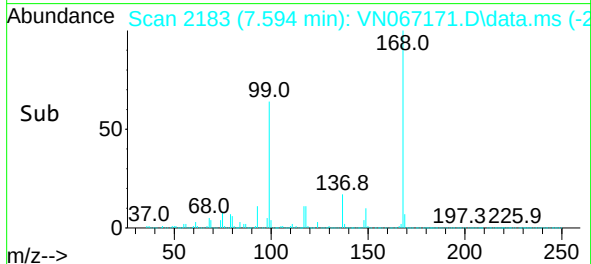
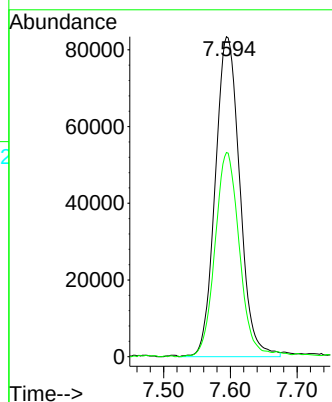
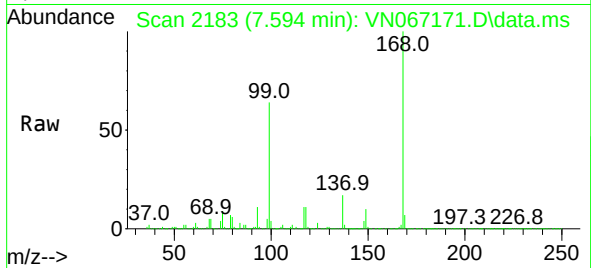




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

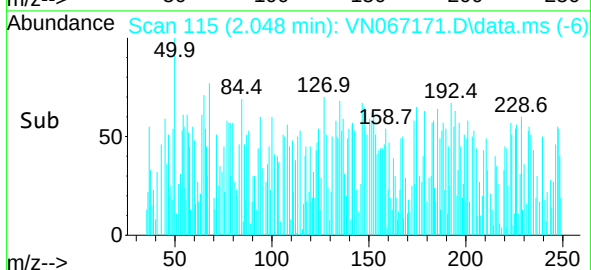
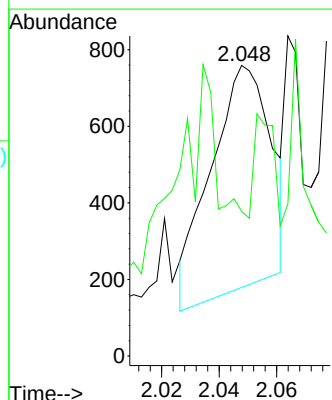
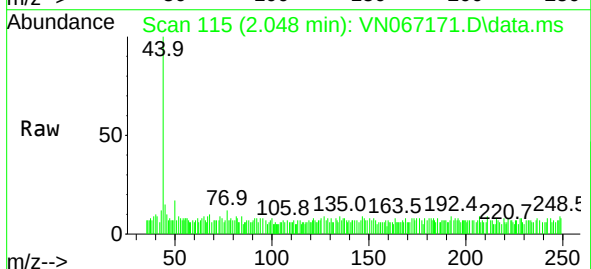
Instrument :
MSVOA_N
ClientSampleId :
1917

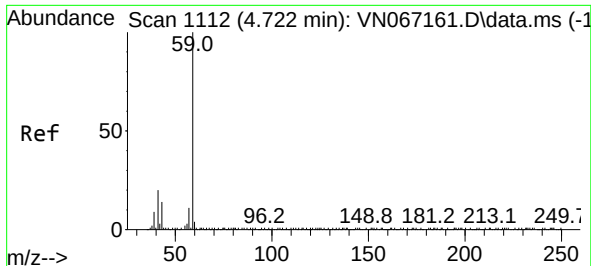
Tgt Ion:168 Resp: 213020
Ion Ratio Lower Upper
168 100
99 63.8 38.5 57.7#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.048 min Scan# 115
Delta R.T. -0.008 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 50 Resp: 837
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



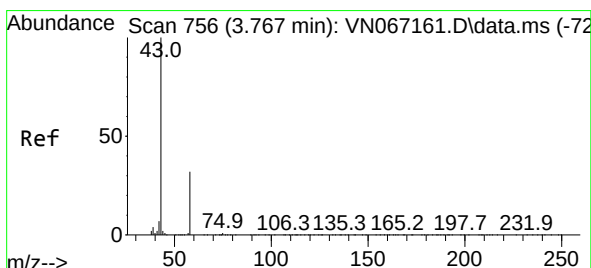
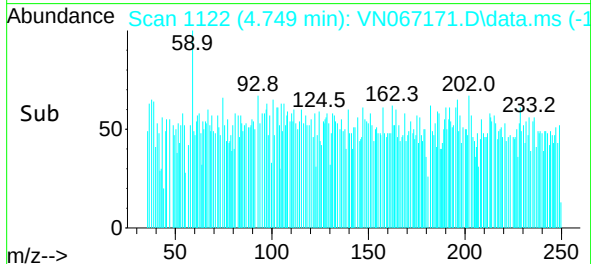
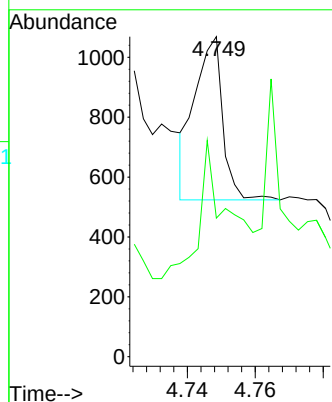
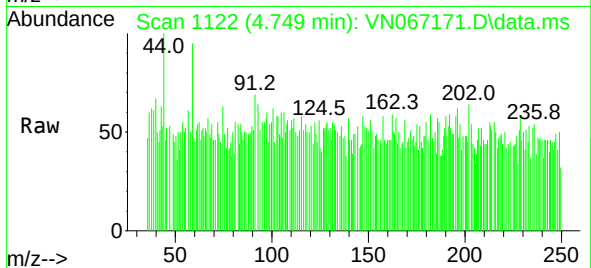


#11

Tert butyl alcohol
Concen: 0.45 ug/l
RT: 4.749 min Scan# 1122
Delta R.T. 0.027 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Instrument :
MSVOA_N
ClientSampled :
1917

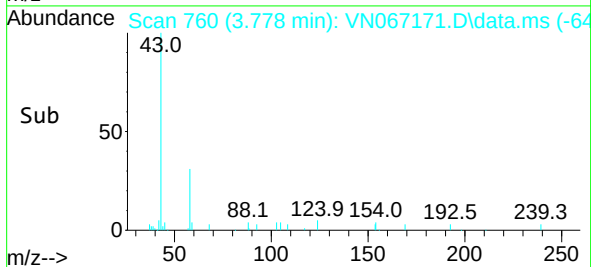
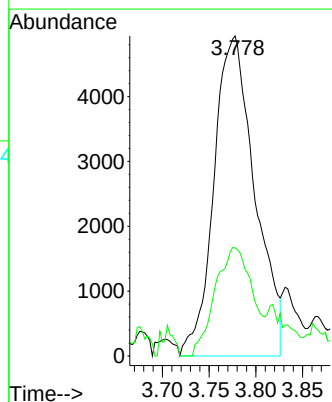
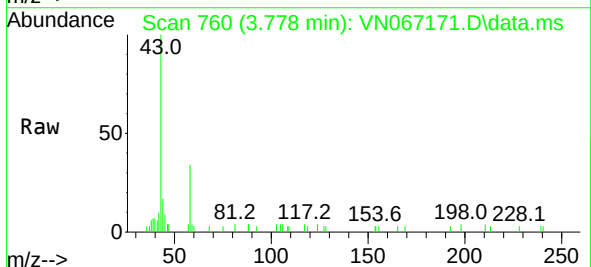
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 88.8 3.5 5.3#

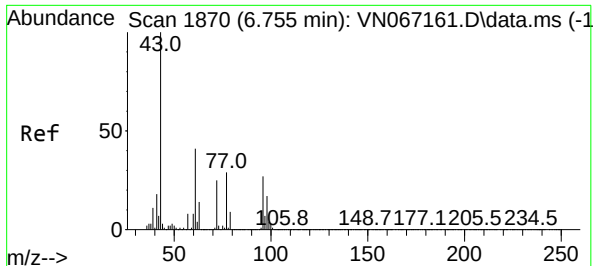


#16

Acetone
Concen: 11.08 ug/l
RT: 3.778 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 43 Resp: 15052
Ion Ratio Lower Upper
43 100
58 33.8 27.2 40.8

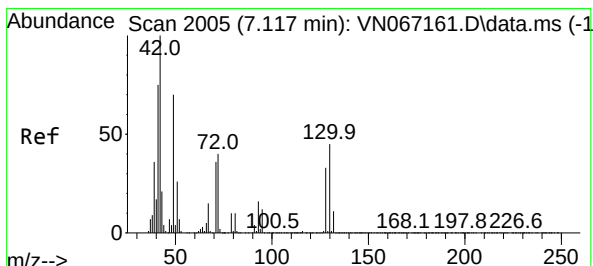
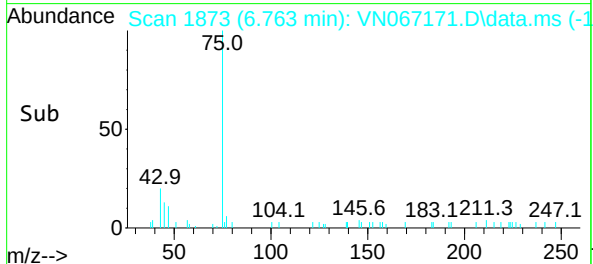
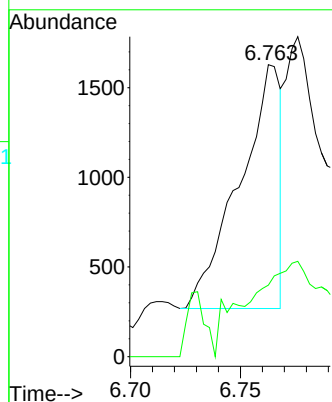
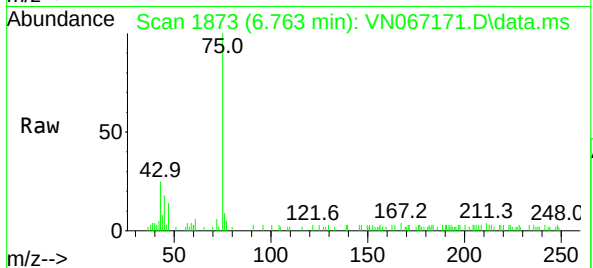




#25
2-Butanone
Concen: 0.82 ug/l
RT: 6.763 min Scan# 1873
Delta R.T. 0.008 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

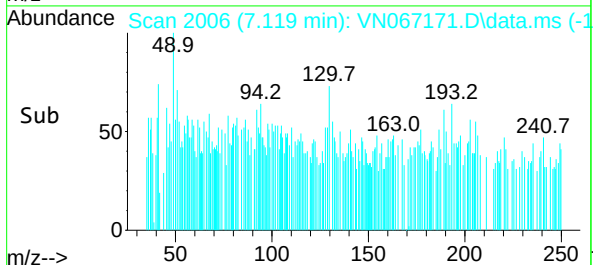
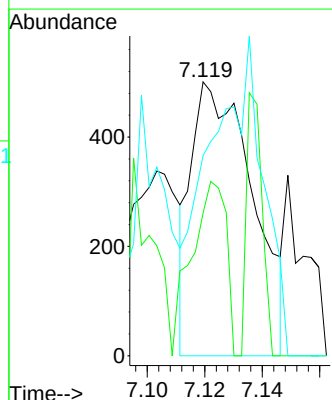
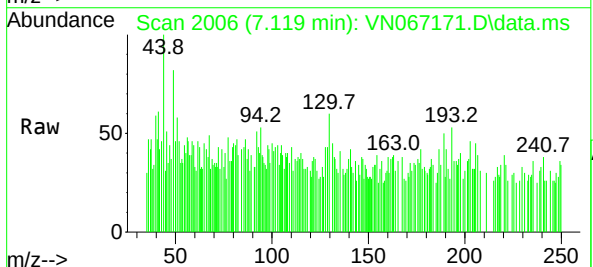
Instrument :
MSVOA_N
ClientSampled :
1917

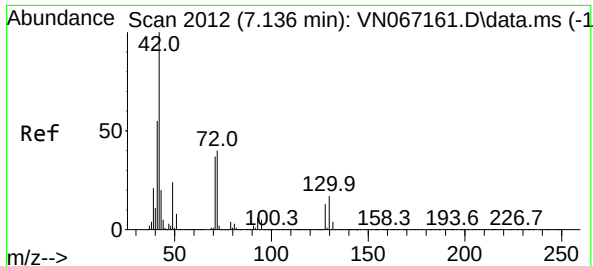
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
72 29.3 24.4 36.6



#28
Bromochloromethane
Concen: 0.27 ug/l
RT: 7.119 min Scan# 2006
Delta R.T. 0.002 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 49 Resp: 740
Ion Ratio Lower Upper
49 100
129 36.1 0.0 4.8#
130 0.0 76.4 114.6#

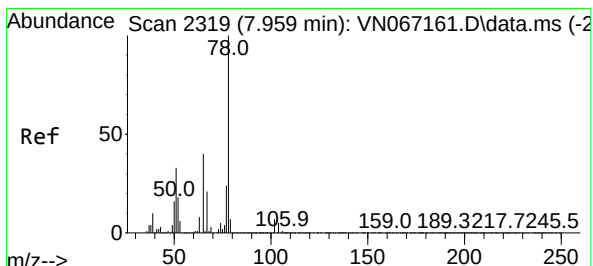
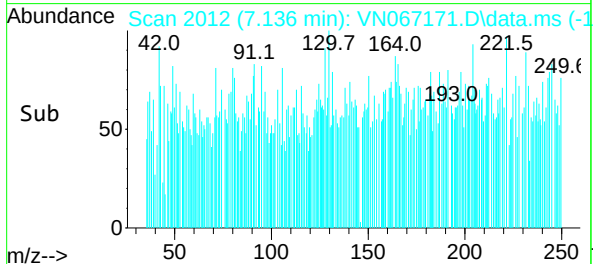
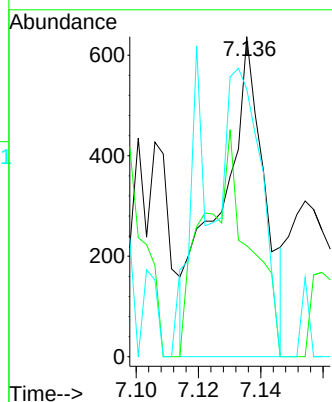
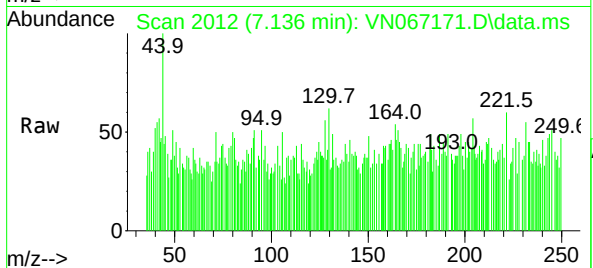




#29
Tetrahydrofuran
Concen: 0.46 ug/l
RT: 7.136 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

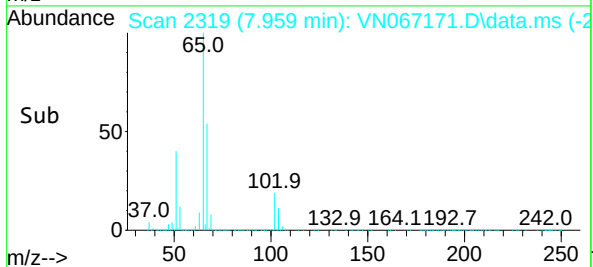
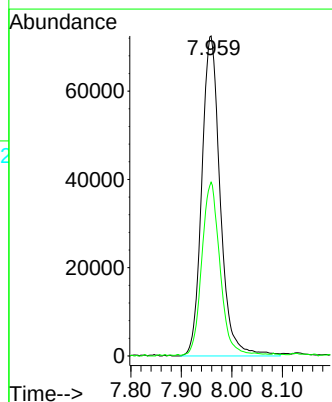
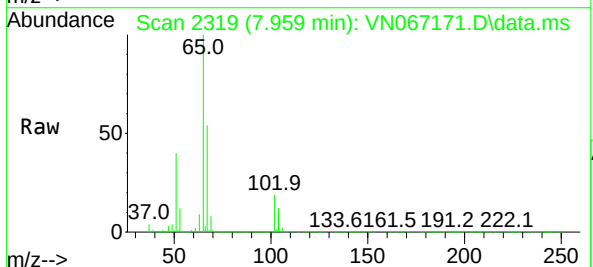
Instrument :
MSVOA_N
ClientSampled :
1917

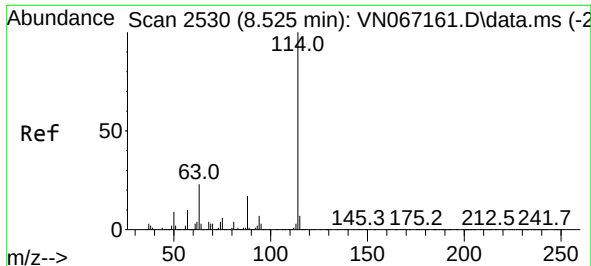
Tgt Ion: 42 Resp: 640
Ion Ratio Lower Upper
42 100
72 69.4 40.1 60.1#
71 73.4 37.9 56.9#



#33
1,2-Dichloroethane-d4
Concen: 55.67 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 65 Resp: 184058
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.4

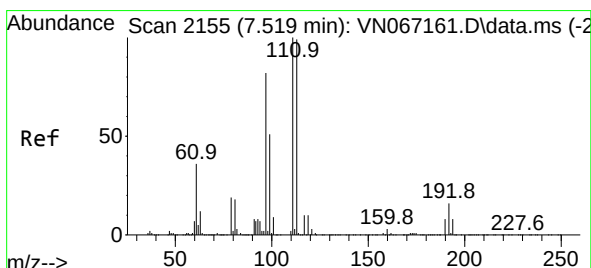
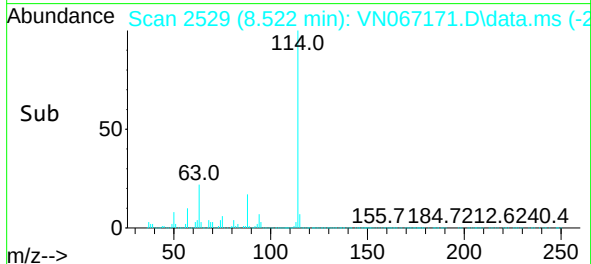
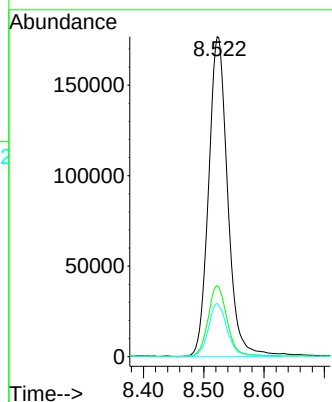
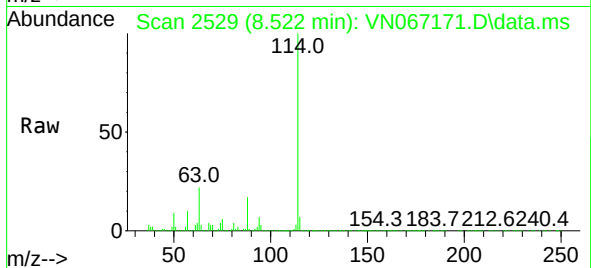




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

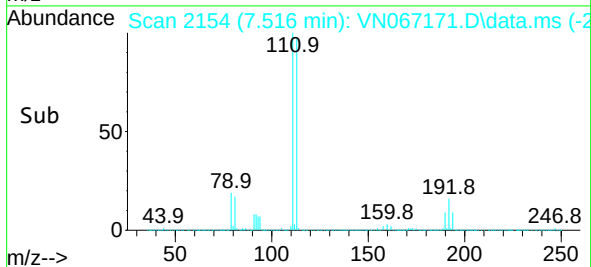
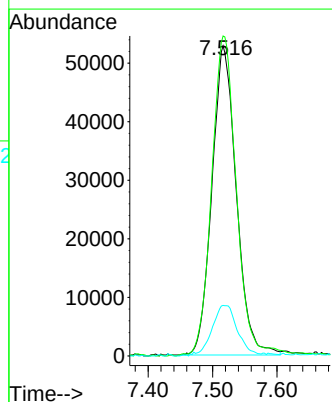
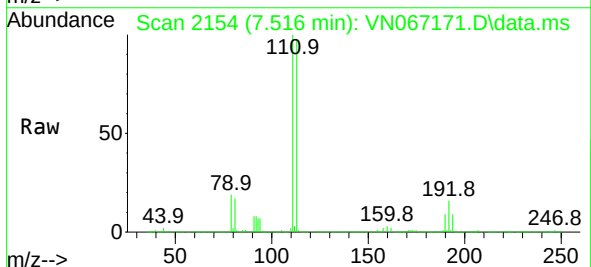
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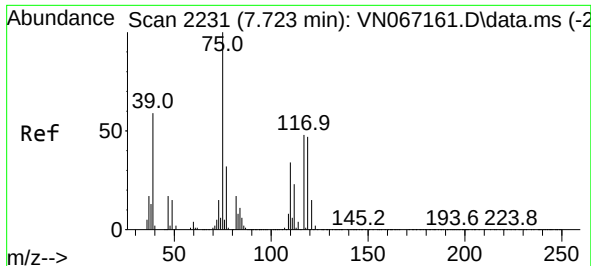
Tgt Ion:114 Resp: 388754
Ion Ratio Lower Upper
114 100
63 22.1 0.0 35.8
88 16.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 58.08 ug/l
RT: 7.516 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion:113 Resp: 138562
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.0 18.2 27.4#

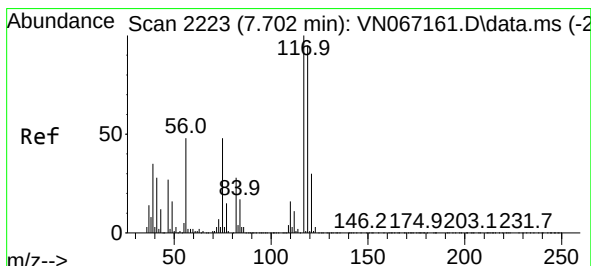
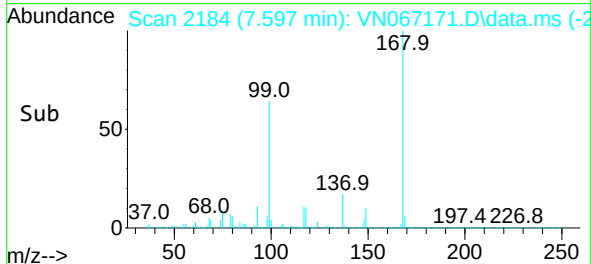
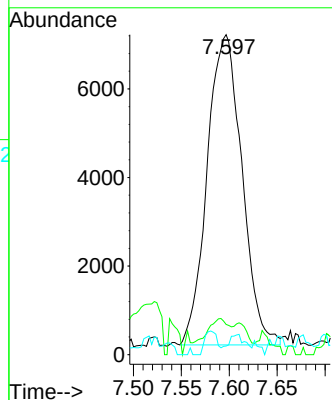
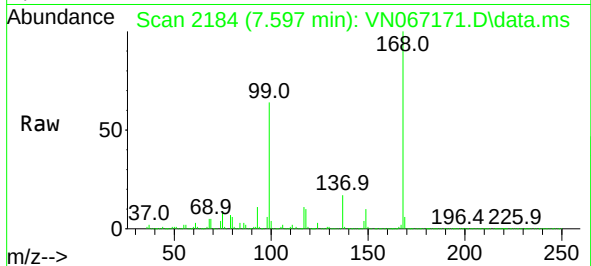




#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

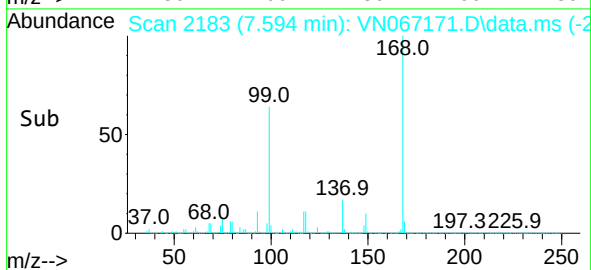
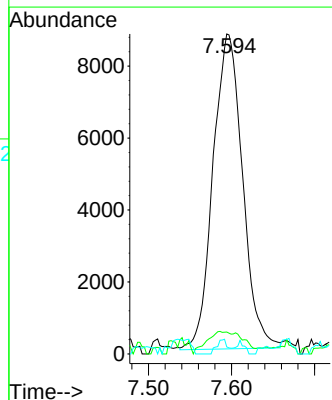
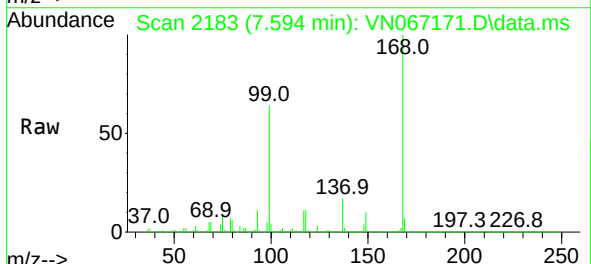
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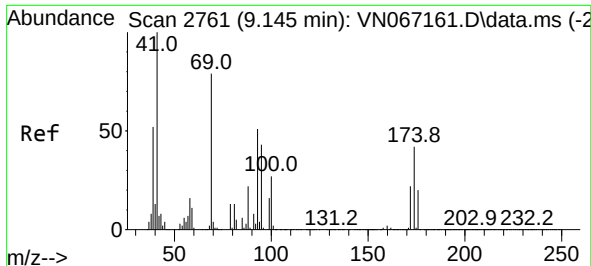
Tgt Ion: 75 Resp: 17667
Ion Ratio Lower Upper
75 100
110 4.4 19.1 57.3#
77 2.8 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.108 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 117 Resp: 21646
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 2.0 24.7 37.1#

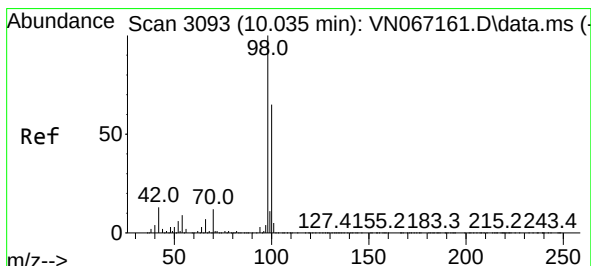
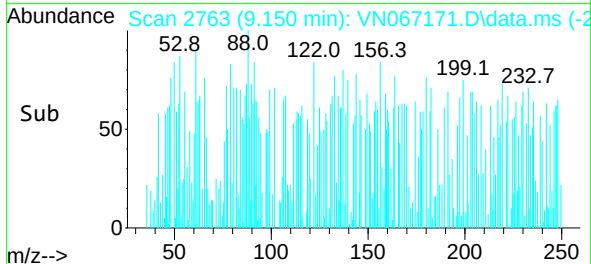
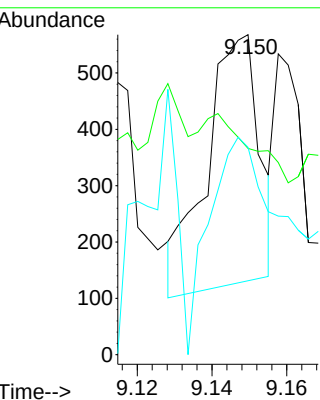
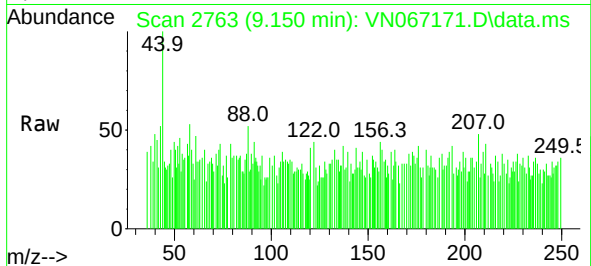




#49
1,4-Dioxane
Concen: 69.04 ug/l
RT: 9.150 min Scan# 2763
Delta R.T. 0.005 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

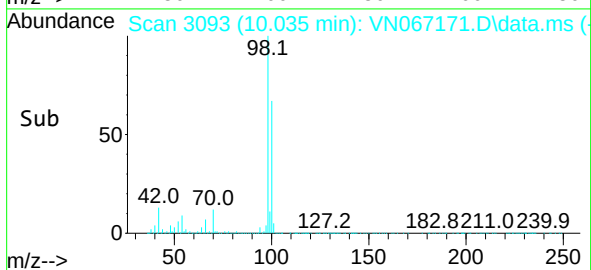
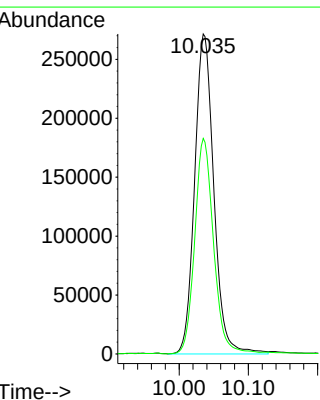
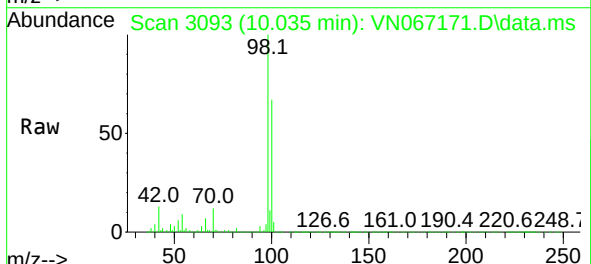
Instrument :
MSVOA_N
ClientSampled :
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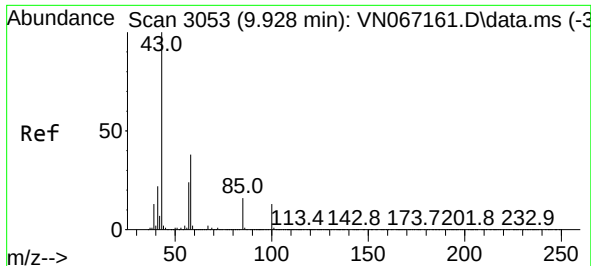
Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 0.0 21.8 32.8#
58 123.0 50.8 76.2#



#50
Toluene-d8
Concen: 56.94 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 98 Resp: 522809
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8

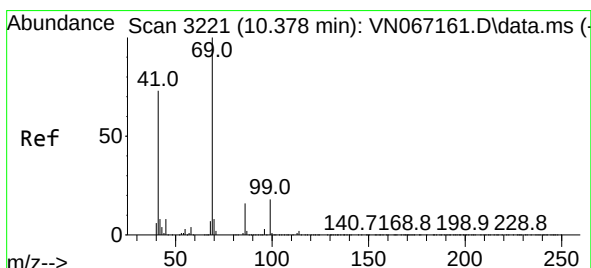
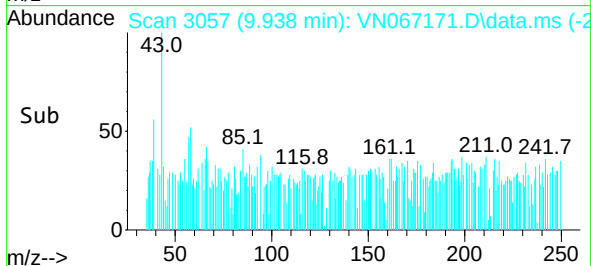
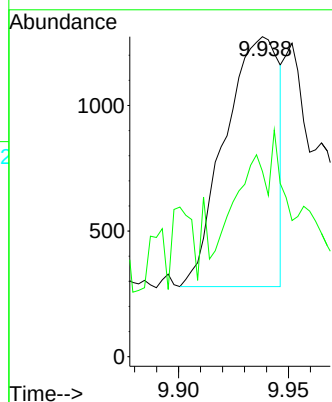
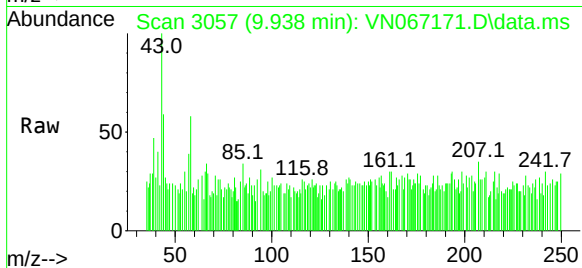




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 9.938 min Scan# 3057
Delta R.T. 0.010 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

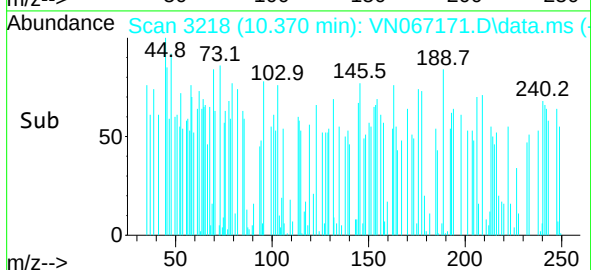
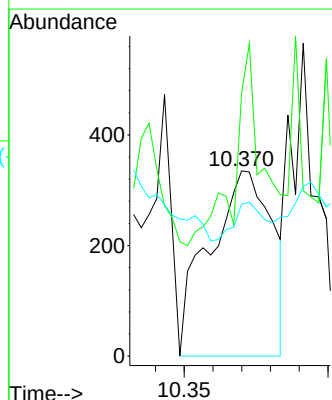
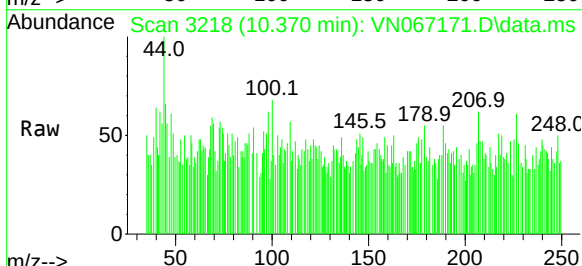
Instrument :
MSVOA_N
ClientSampled :
1917

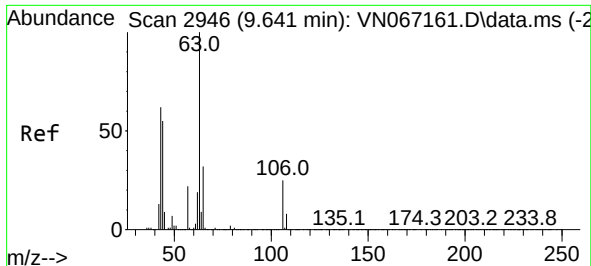
Tgt Ion: 43 Resp: 1697
Ion Ratio Lower Upper
43 100
58 20.5 34.5 51.7#



#56
Ethyl methacrylate
Concen: 2.89 ug/l
RT: 10.370 min Scan# 3218
Delta R.T. -0.008 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 69 Resp: 505
Ion Ratio Lower Upper
69 100
41 40.4 45.5 68.3#
39 0.0 22.9 34.3#

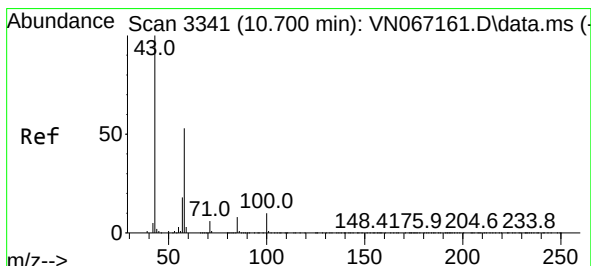
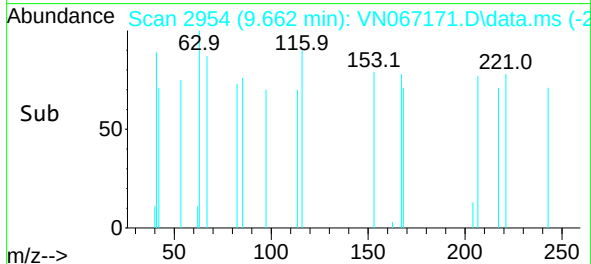
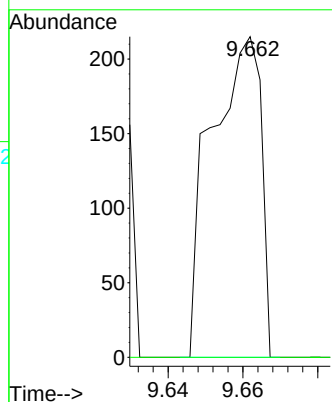
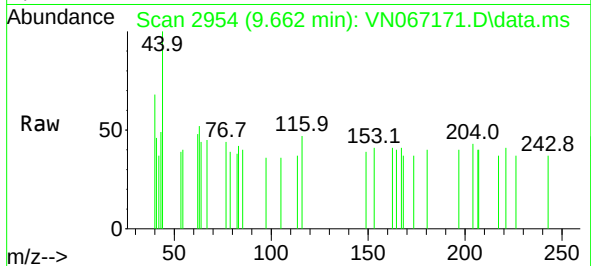




#58
2-Chloroethyl Vinyl ether
Concen: 7.03 ug/l
RT: 9.662 min Scan# 2954
Delta R.T. 0.021 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

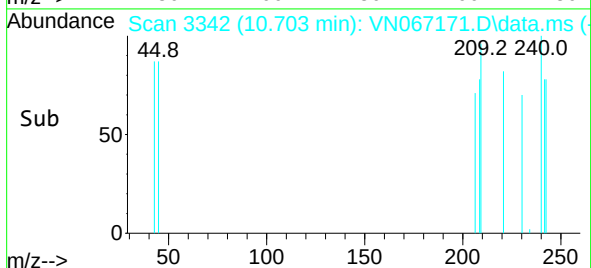
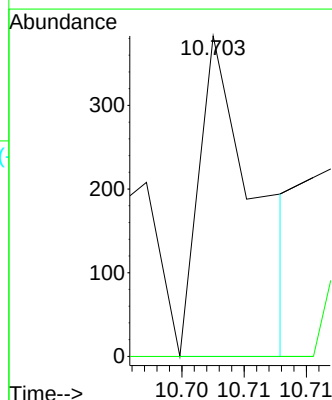
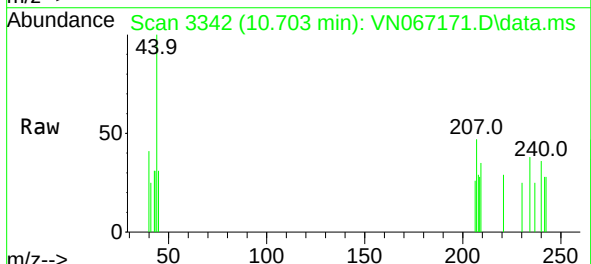
Instrument :
MSVOA_N
ClientSampled :
1917

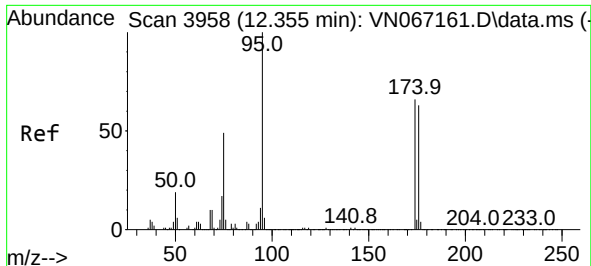
Tgt Ion: 63 Resp: 198
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 18.90 ug/l
RT: 10.703 min Scan# 3342
Delta R.T. 0.003 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 67.5 29.8 89.5

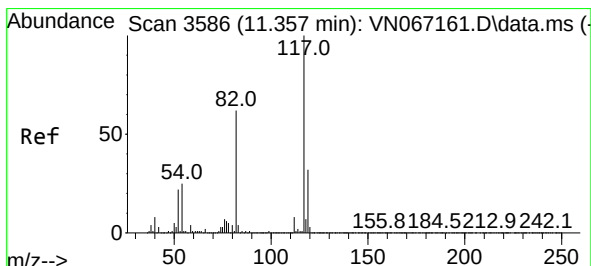
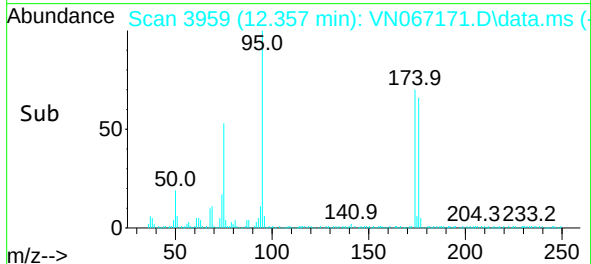
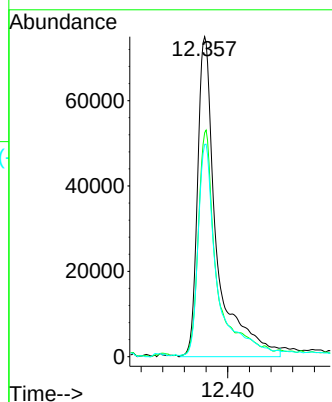
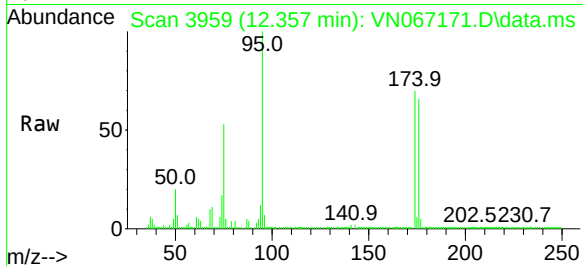




#62
4-Bromofluorobenzene
Concen: 58.65 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

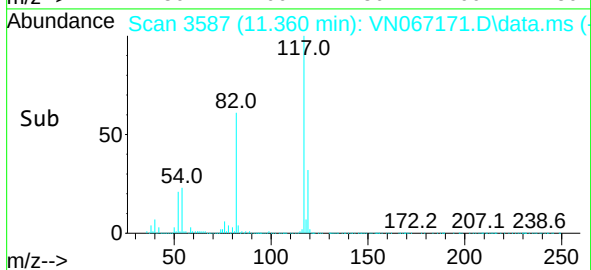
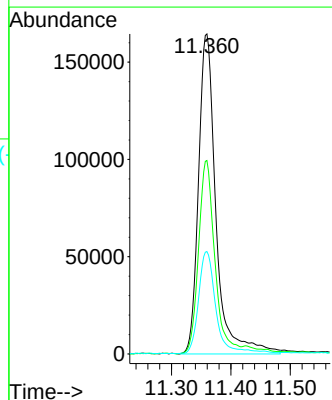
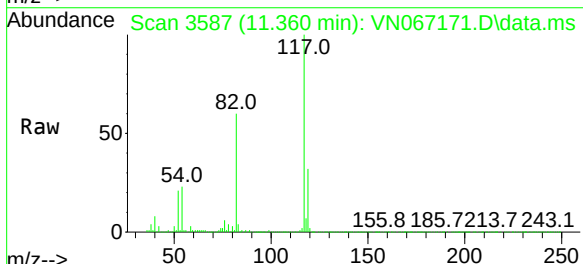
Instrument :
MSVOA_N
ClientSampleId :
1917

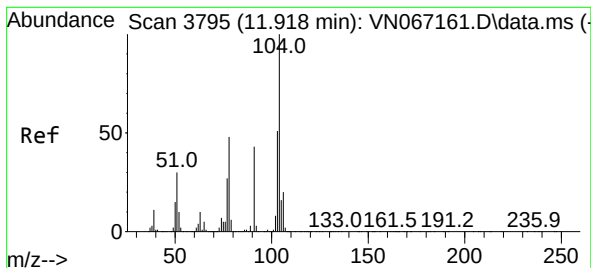
Tgt Ion: 95 Resp: 184094
Ion Ratio Lower Upper
95 100
174 60.4 0.0 182.8
176 65.0 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 117 Resp: 338196
Ion Ratio Lower Upper
117 100
82 60.4 42.2 63.2
119 31.9 25.8 38.6





#70

Styrene

Concen: 2.57 ug/l

RT: 11.920 min Scan# 3796

Delta R.T. 0.002 min

Lab File: VN067171.D

Acq: 26 May 2021 16:55

Tgt Ion:104 Resp: 597

Ion Ratio Lower Upper

104 100

78 42.2 37.7 56.5

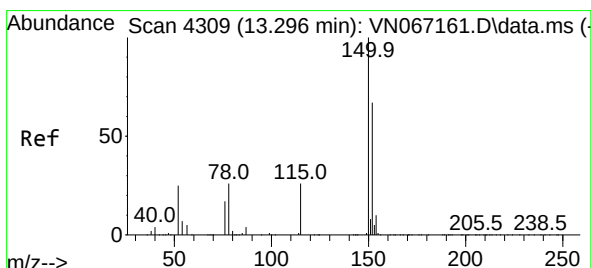
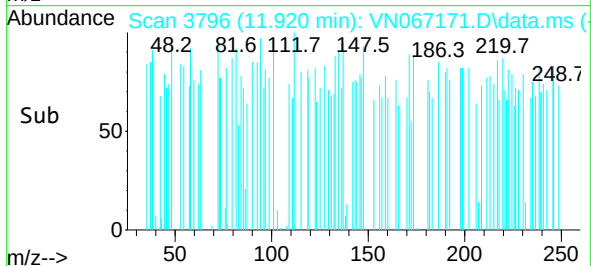
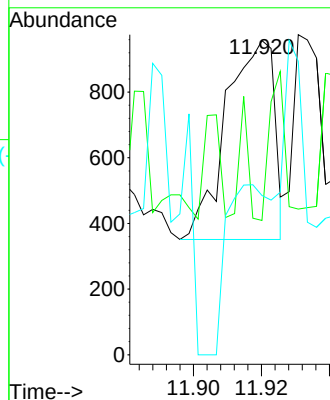
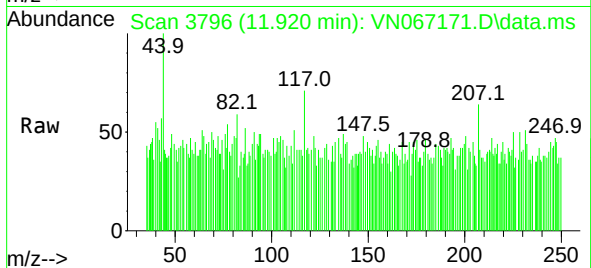
103 78.1 44.2 66.4#

Instrument :

MSVOA_N

ClientSampleId :

1917



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.301 min Scan# 4311

Delta R.T. 0.005 min

Lab File: VN067171.D

Acq: 26 May 2021 16:55

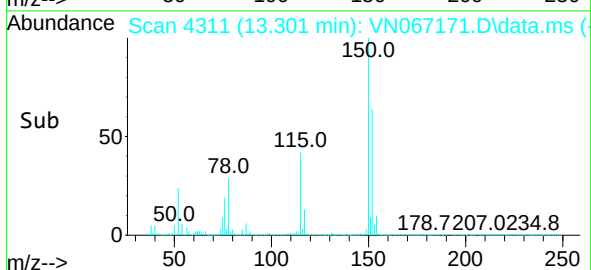
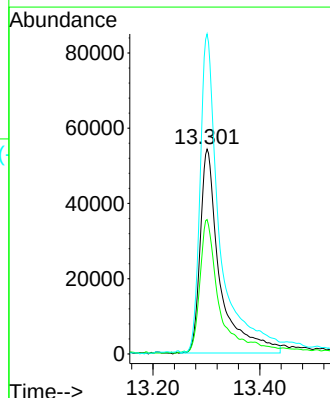
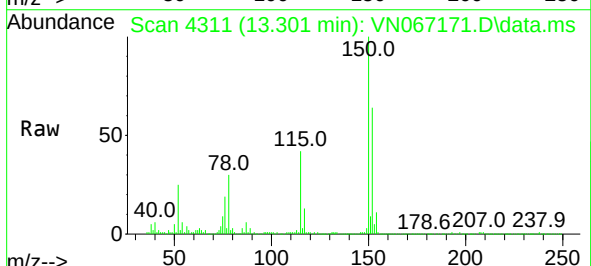
Tgt Ion:152 Resp: 139680

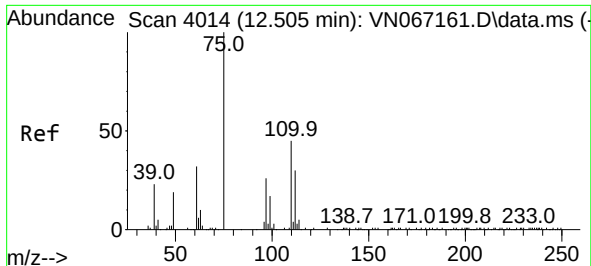
Ion Ratio Lower Upper

152 100

115 58.7 27.0 80.8

150 157.3 0.0 350.2

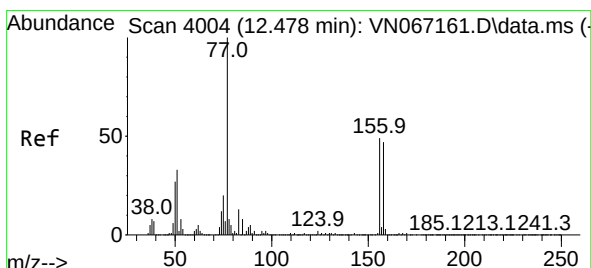
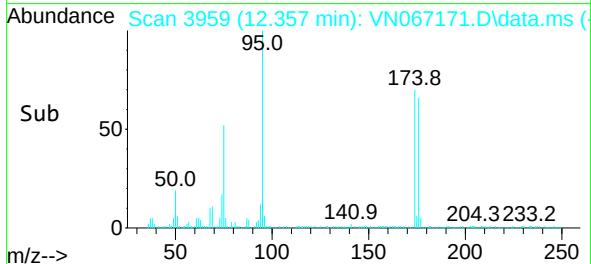
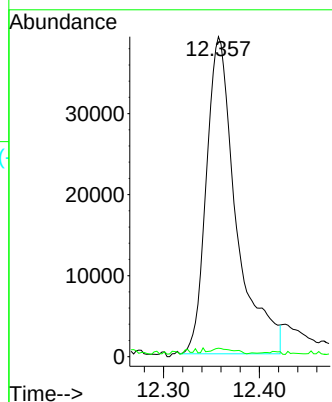
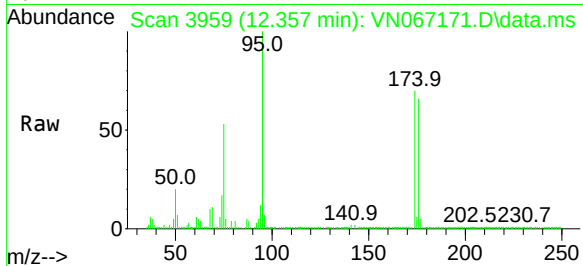




#76
1,2,3-Trichloropropane
Concen: 21.71 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.148 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

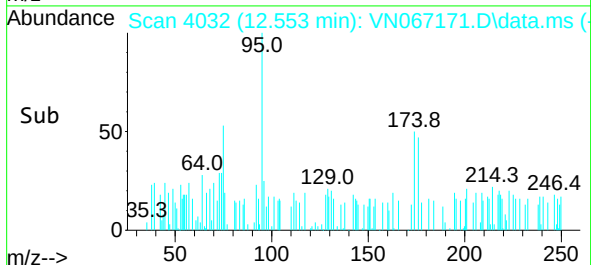
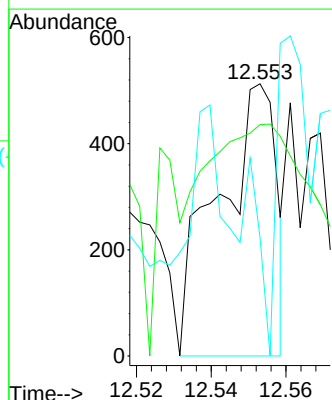
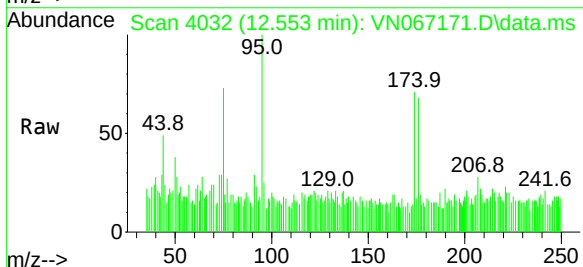
Instrument :
MSVOA_N
ClientSampled :
1917

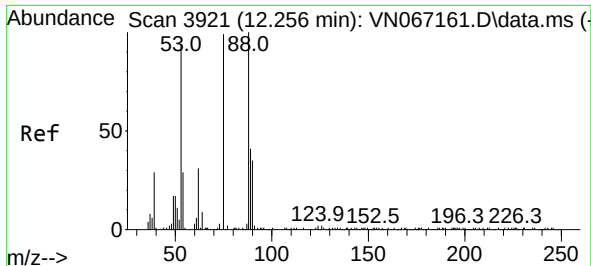
Tgt Ion: 75 Resp: 84428
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#77
Bromobenzene
Concen: 0.20 ug/l
RT: 12.553 min Scan# 4032
Delta R.T. 0.075 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion: 156 Resp: 555
Ion Ratio Lower Upper
156 100
77 132.1 87.9 263.8
158 58.9 49.0 147.2

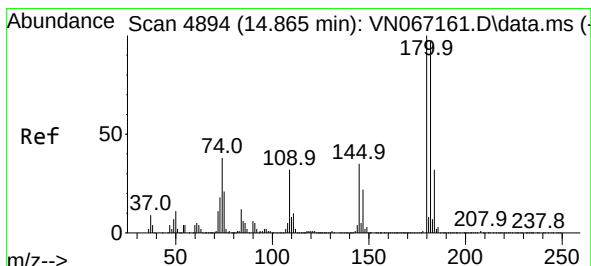
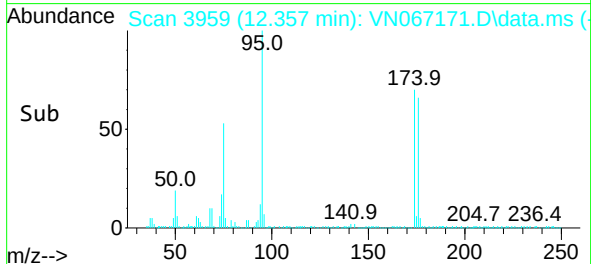
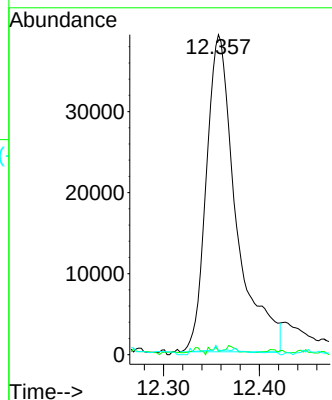
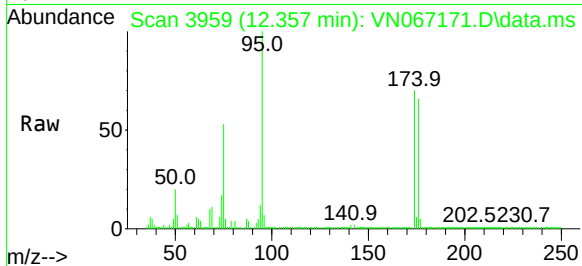




#81
trans-1,4-Dichloro-2-butene
Concen: 62.10 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.101 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

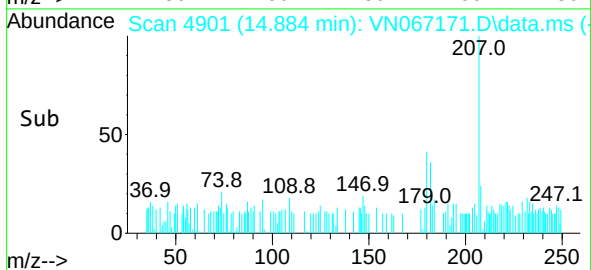
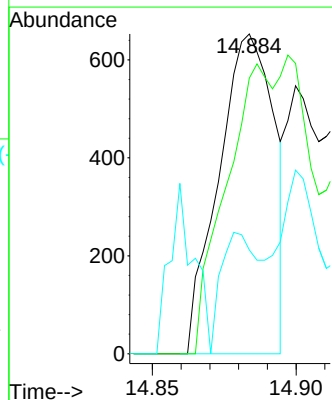
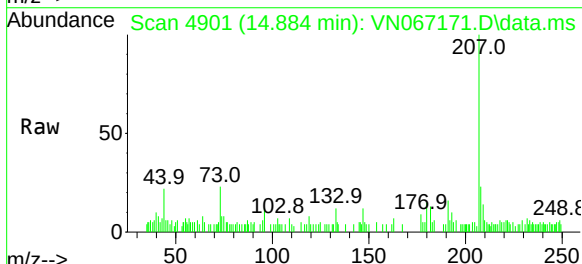
Instrument :
MSVOA_N
ClientSampleId :
1917

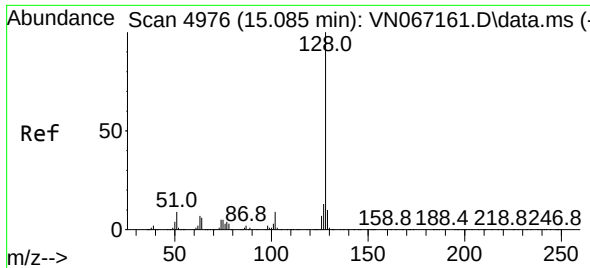
Tgt Ion: 75 Resp: 84428
Ion Ratio Lower Upper
75 100
53 0.4 66.3 99.5#
89 0.1 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.60 ug/l
RT: 14.884 min Scan# 4901
Delta R.T. 0.019 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion:180 Resp: 873
Ion Ratio Lower Upper
180 100
182 76.7 47.3 141.8
145 23.1 14.0 42.0

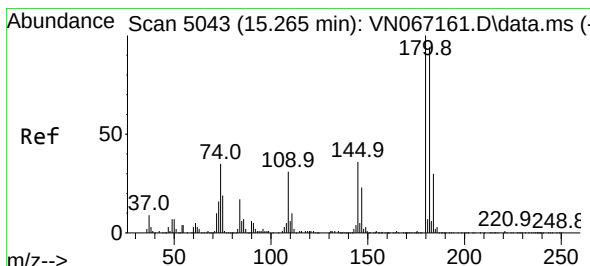
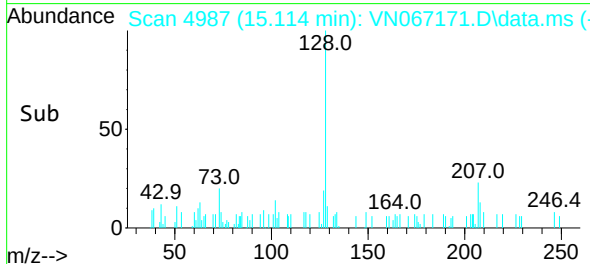
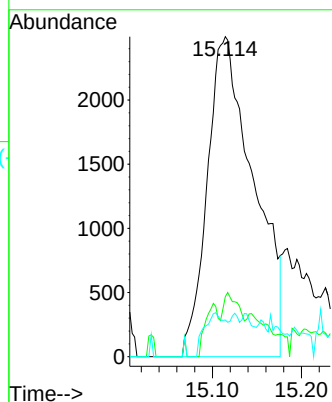
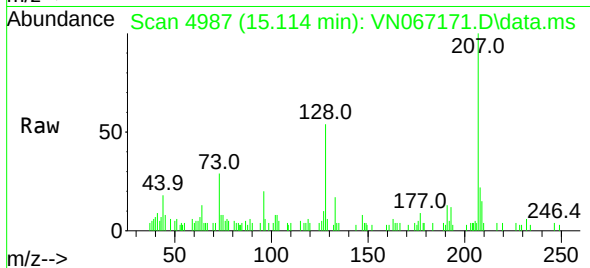




#95
Naphthalene
Concen: 5.04 ug/l
RT: 15.114 min Scan# 4987
Delta R.T. 0.029 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :
1917

Tgt Ion:	128	Resp:	9019
Ion	Ratio	Lower	Upper
128	100		
127	3.2	10.2	15.2#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.87 ug/l
RT: 15.281 min Scan# 5049
Delta R.T. 0.016 min
Lab File: VN067171.D
Acq: 26 May 2021 16:55

Tgt Ion:	180	Resp:	1732
Ion	Ratio	Lower	Upper
180	100		
182	57.4	48.5	145.6
145	23.2	15.4	46.2

