

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067167.D
 Acq On : 26 May 2021 13:49
 Operator : JC/MD
 Sample : VN0526MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526MBL01

Quant Time: May 27 02:38:40 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)

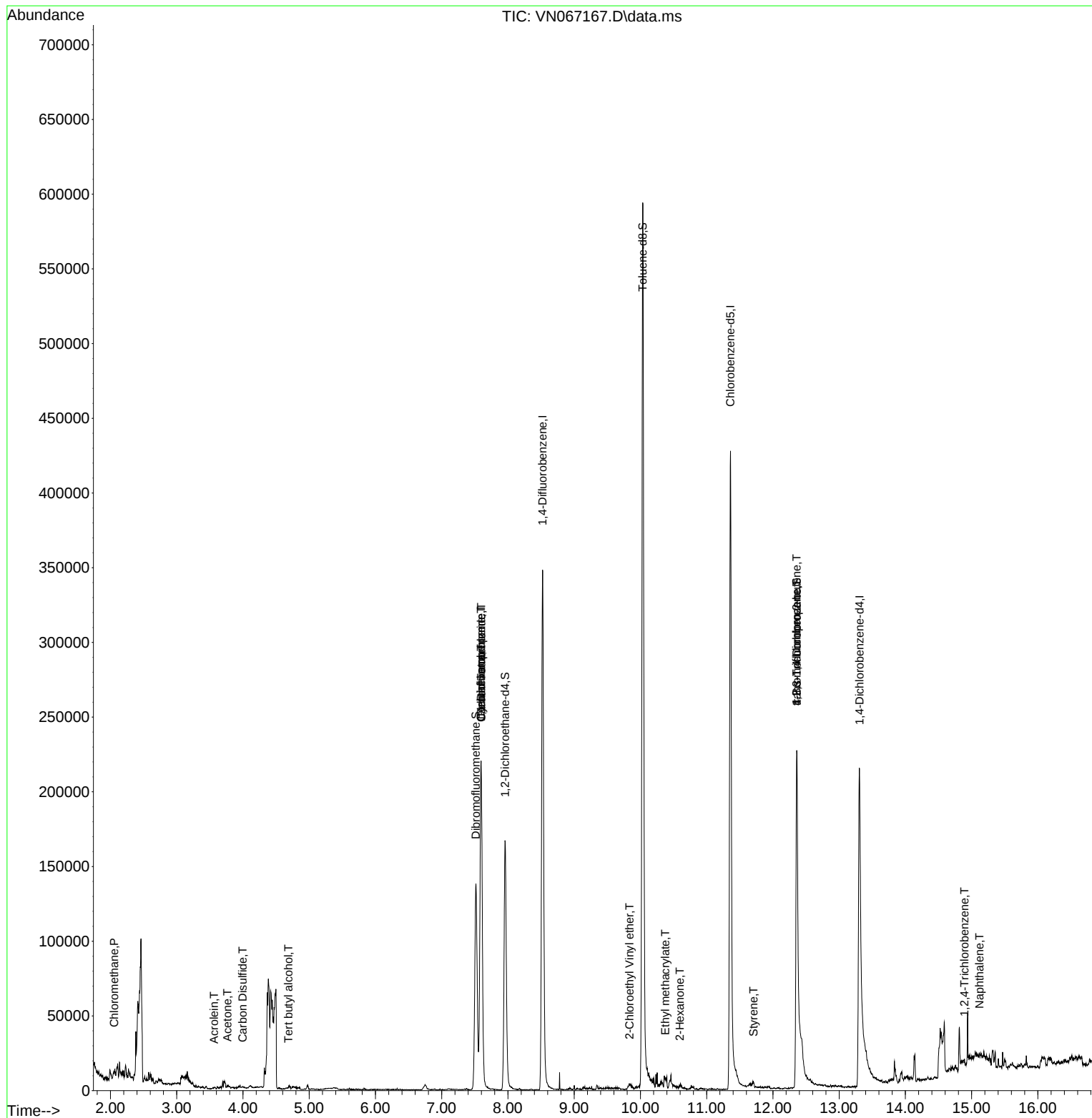
Internal Standards						
1) Pentafluorobenzene	7.594	168	172635	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	321853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	277848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.307	152	84219	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	145969	54.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.96%			
35) Dibromofluoromethane	7.516	113	112749	57.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.16%			
50) Toluene-d8	10.035	98	419075	55.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.26%			
62) 4-Bromofluorobenzene	12.360	95	113305	43.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.20%			
Target Compounds						Qvalue
3) Chloromethane	2.053	50	1213	0.39	ug/l	# 78
11) Tert butyl alcohol	4.684	59	129	0.23	ug/l	# 87
13) Acrolein	3.563	56	759	1.62	ug/l	# 53
16) Acetone	3.764	43	337	0.31	ug/l	# 49
17) Carbon Disulfide	3.995	76	1327	0.21	ug/l	# 74
31) Cyclohexane	7.591	56	4240	1.02	ug/l	# 6
36) 1,1-Dichloropropene	7.591	75	15662	4.81	ug/l	# 45
38) Carbon Tetrachloride	7.597	117	18915	5.97	ug/l	# 15
56) Ethyl methacrylate	10.375	69	50	2.80	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.834	63	26	6.75	ug/l	# 45
59) 2-Hexanone	10.595	43	86	18.89	ug/l	96
70) Styrene	11.706	104	25	2.51	ug/l	# 34
76) 1,2,3-Trichloropropane	12.360	75	54045	23.05	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.360	75	54045	65.51	ug/l	# 15
93) 1,2,4-Trichlorobenzene	14.889	180	81	3.31	ug/l	# 1
95) Naphthalene	15.120	128	121	3.89	ug/l	# 69

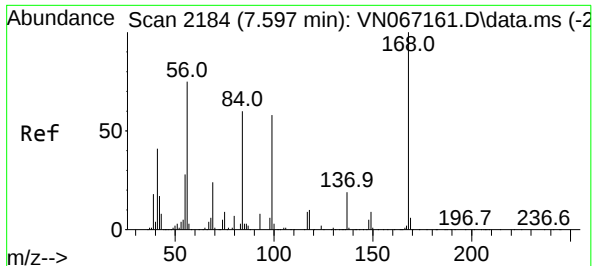
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 02:38:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

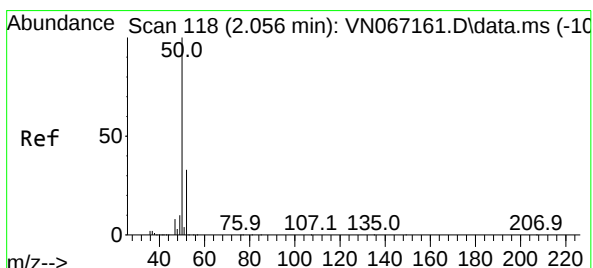
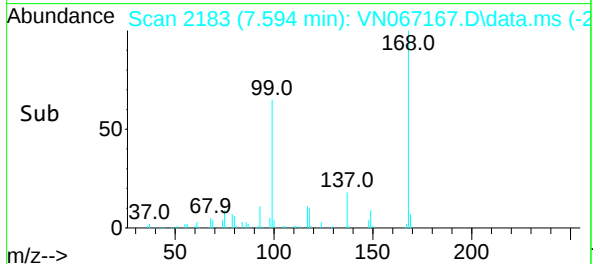
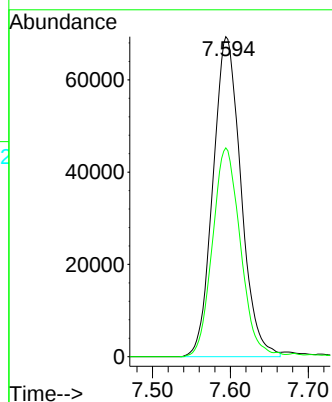
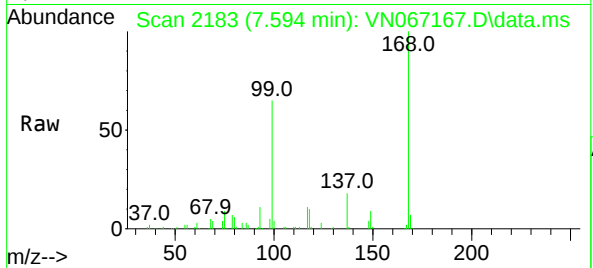




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

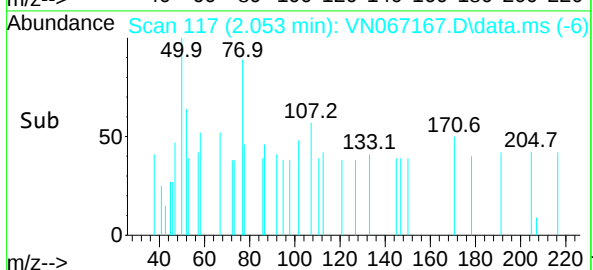
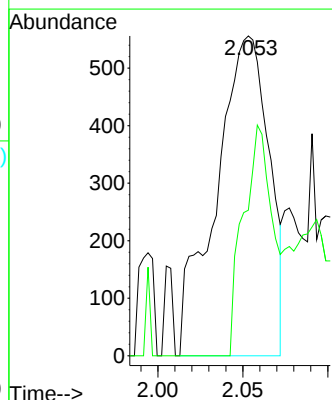
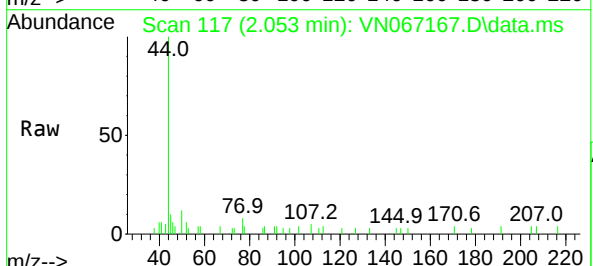
Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

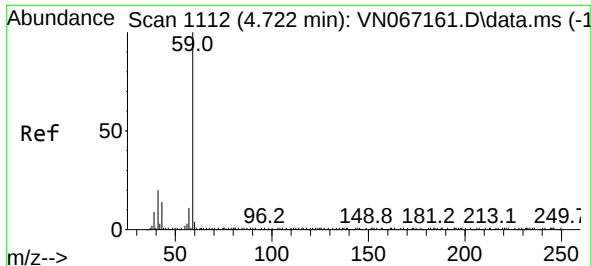
Tgt Ion:168 Resp: 172635
Ion Ratio Lower Upper
168 100
99 65.2 38.5 57.7#



#3
Chloromethane
Concen: 0.39 ug/l
RT: 2.053 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 50 Resp: 1213
Ion Ratio Lower Upper
50 100
52 45.5 26.5 39.7#



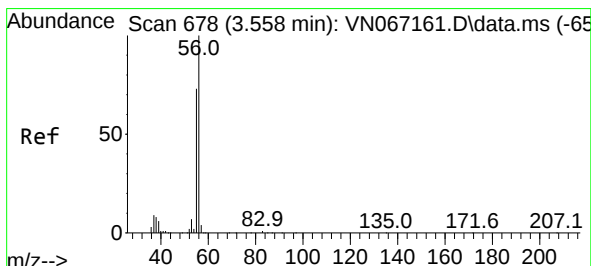
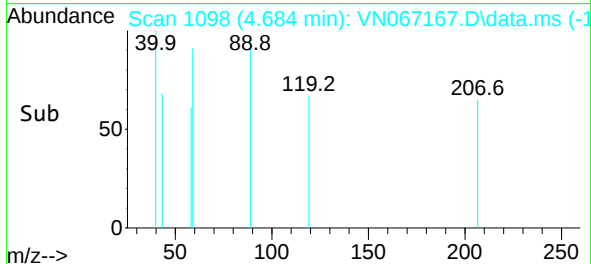
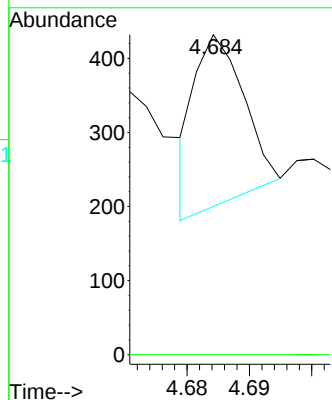
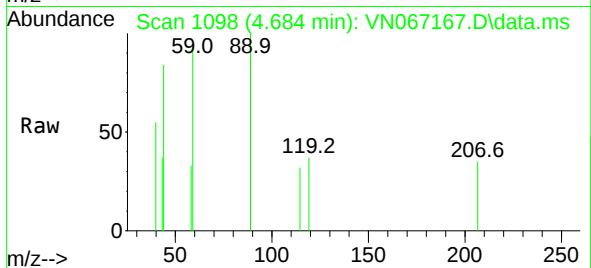


#11

Tert butyl alcohol
Concen: 0.23 ug/l
RT: 4.684 min Scan# 1098
Delta R.T. -0.038 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

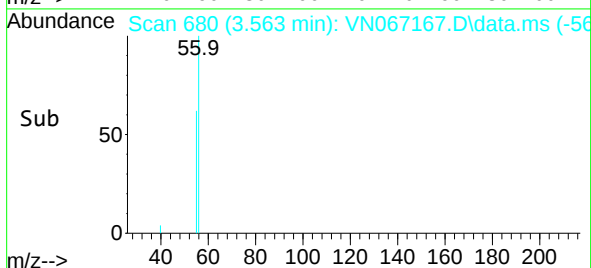
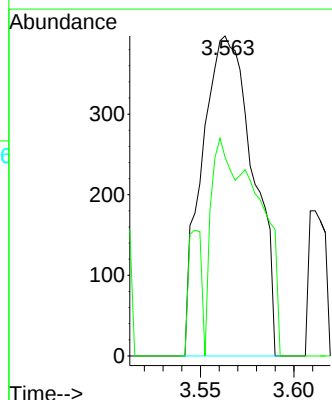
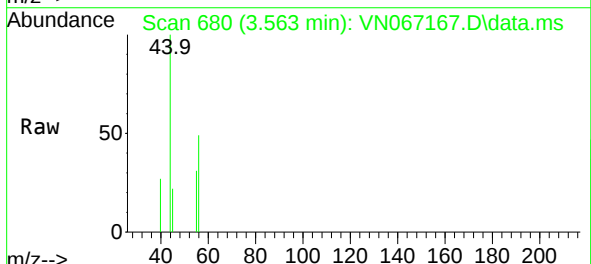
Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 3.5 5.3#

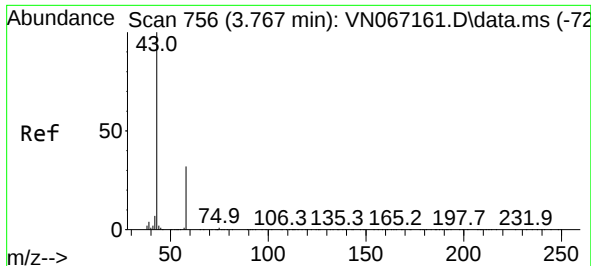


#13

Acrolein
Concen: 1.62 ug/l
RT: 3.563 min Scan# 680
Delta R.T. 0.005 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 56 Resp: 759
Ion Ratio Lower Upper
56 100
55 29.5 53.8 80.6#

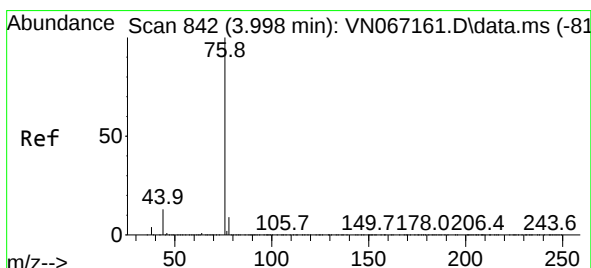
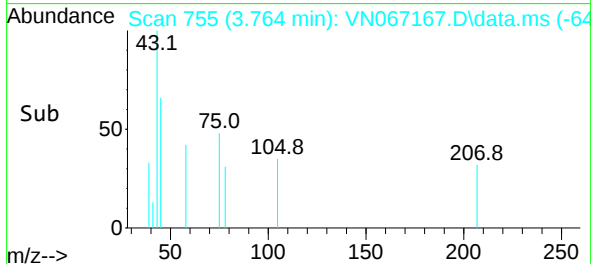
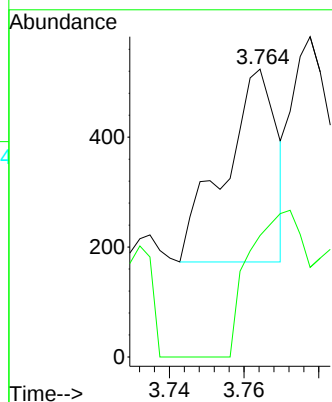
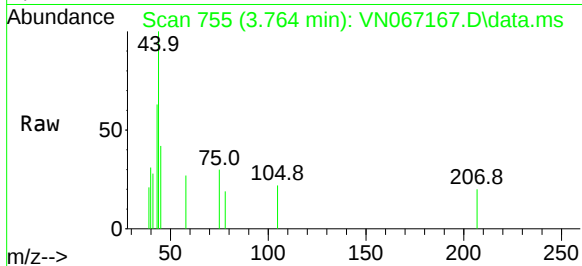




#16
Acetone
Concen: 0.31 ug/l
RT: 3.764 min Scan# 755
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

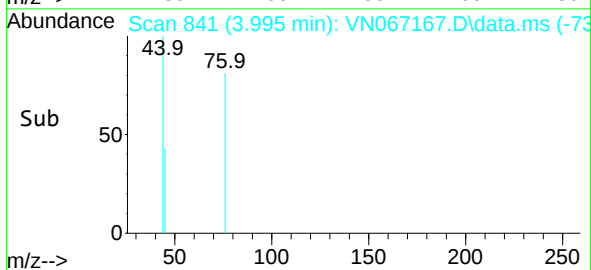
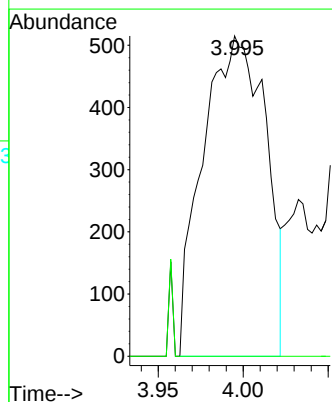
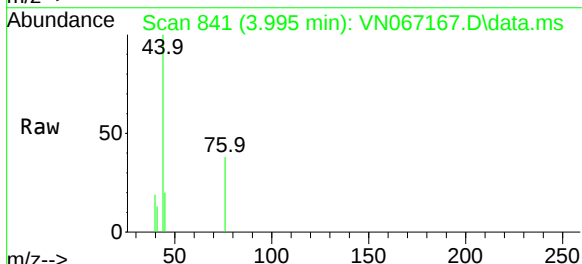
Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

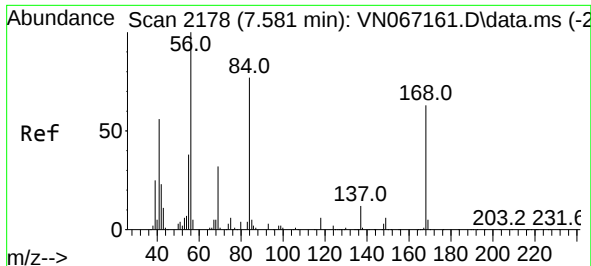
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 63.0 27.2 40.8#



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 3.995 min Scan# 841
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 76 Resp: 1327
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

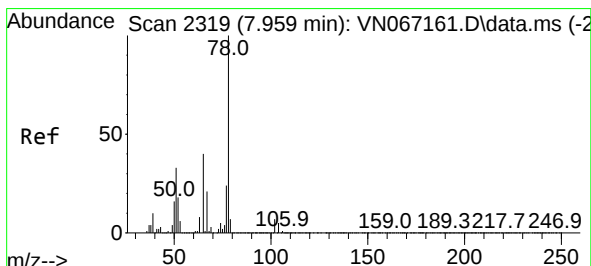
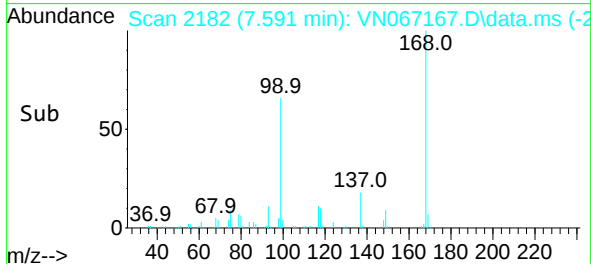
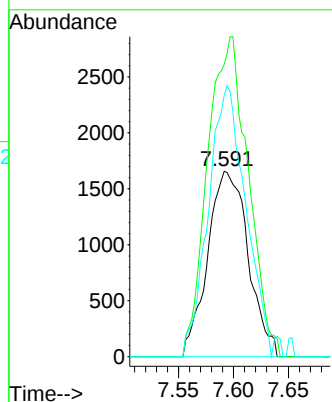
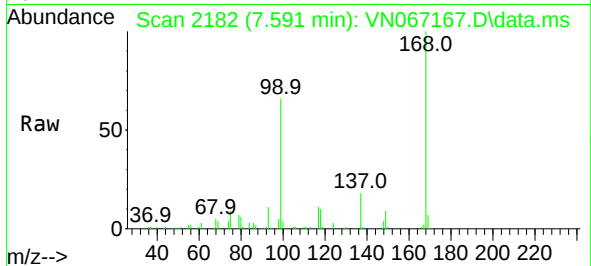




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.591 min Scan# 2182
Delta R.T. 0.010 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

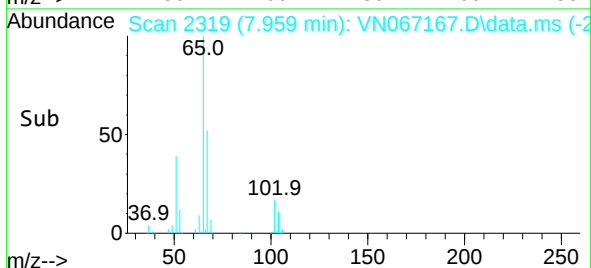
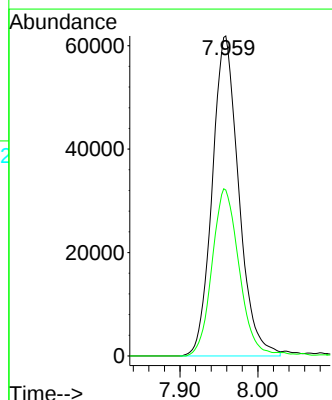
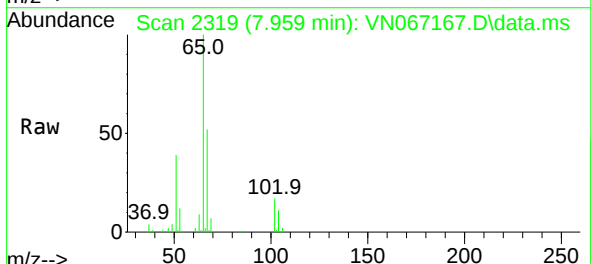
Instrument :
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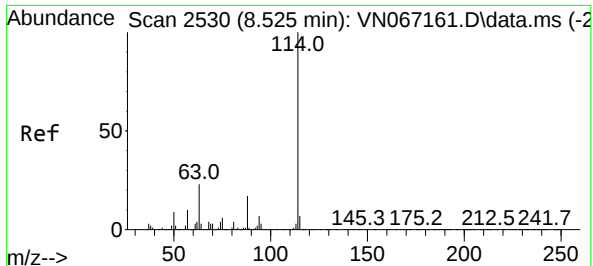
Tgt Ion: 56 Resp: 4240
Ion Ratio Lower Upper
56 100
69 157.5 28.0 42.0#
84 140.8 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 54.48 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 65 Resp: 145969
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.4

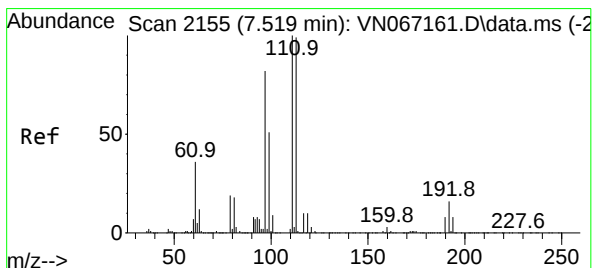
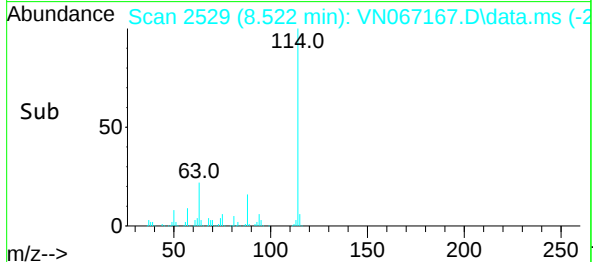
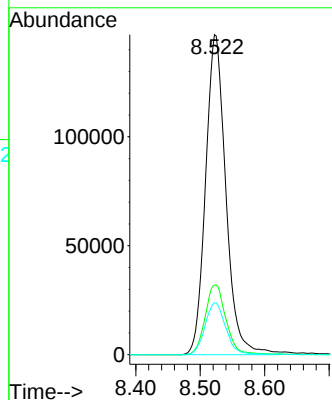
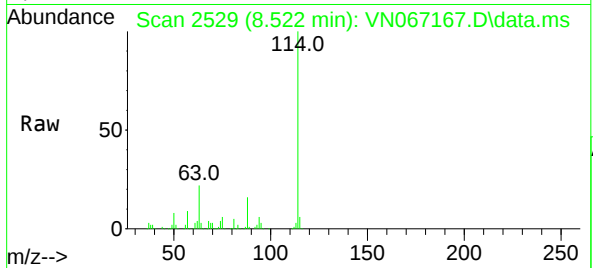




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

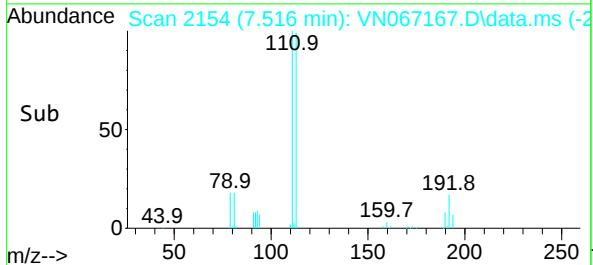
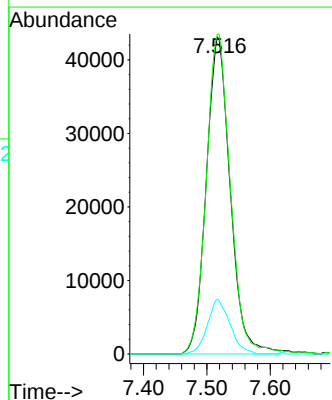
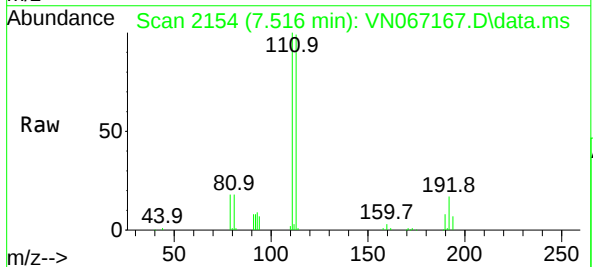
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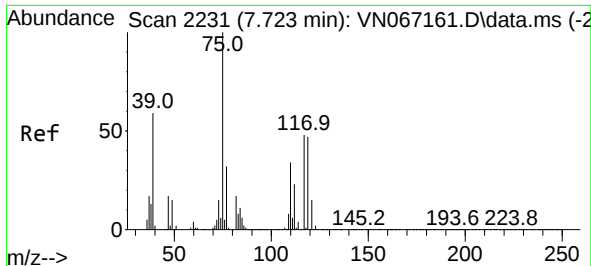
Tgt Ion:114 Resp: 321853
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.8
88 16.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 57.08 ug/l
RT: 7.516 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion:113 Resp: 112749
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 16.3 18.2 27.4#

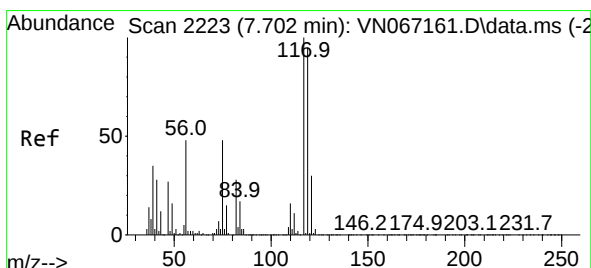
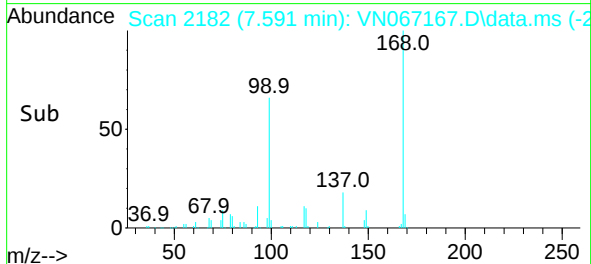
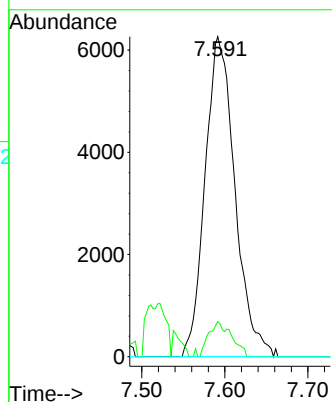
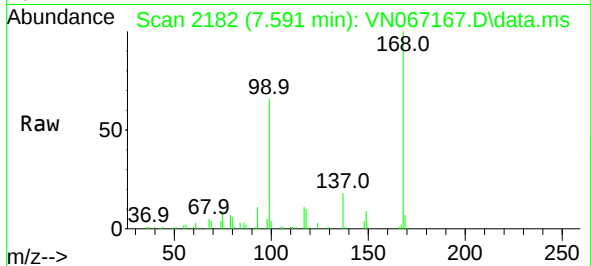




#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 7.591 min Scan# 2182
Delta R.T. -0.132 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

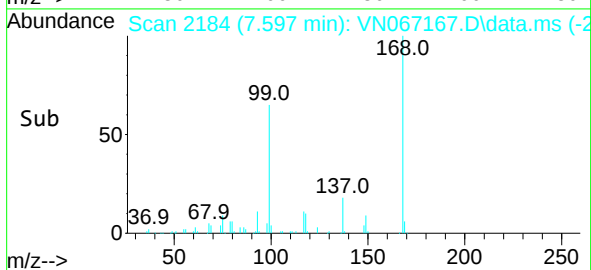
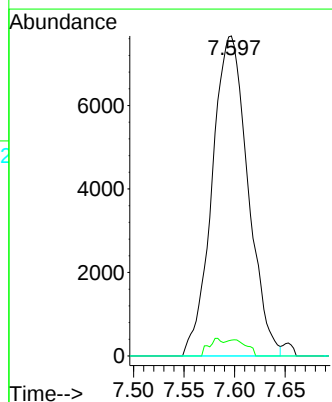
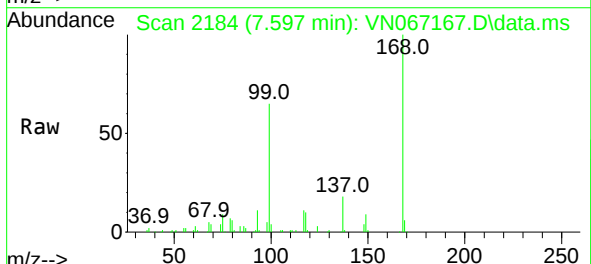
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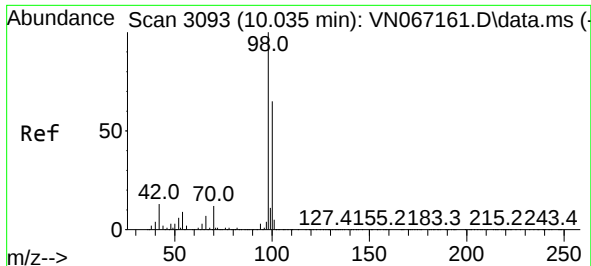
Tgt Ion: 75 Resp: 15662
Ion Ratio Lower Upper
75 100
110 5.4 19.1 57.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.105 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 117 Resp: 18915
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.7 37.1#

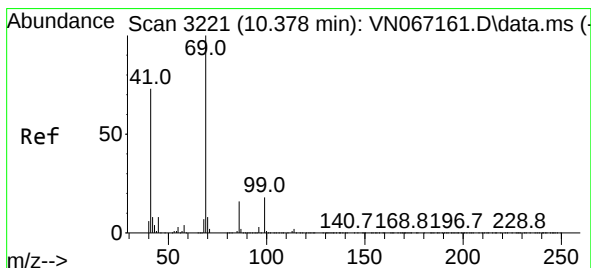
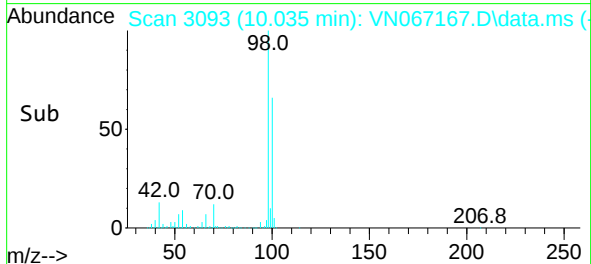
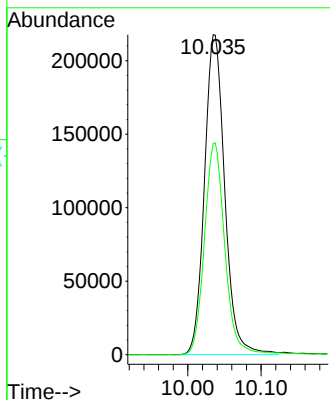
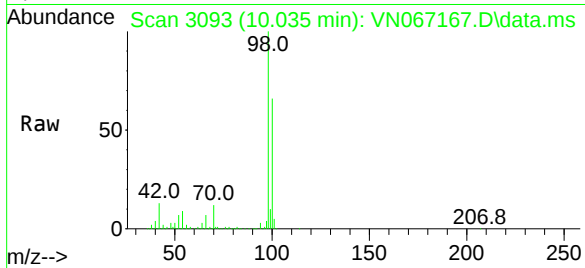




#50
Toluene-d8
Concen: 55.13 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

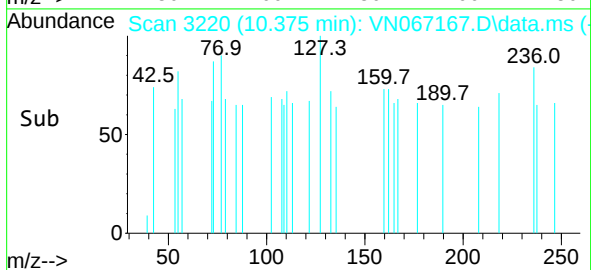
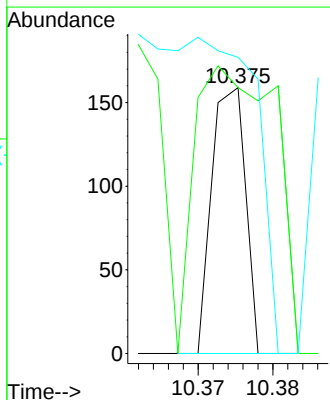
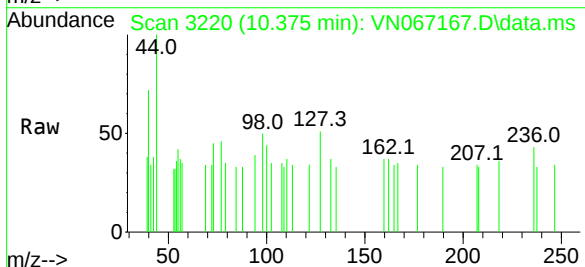
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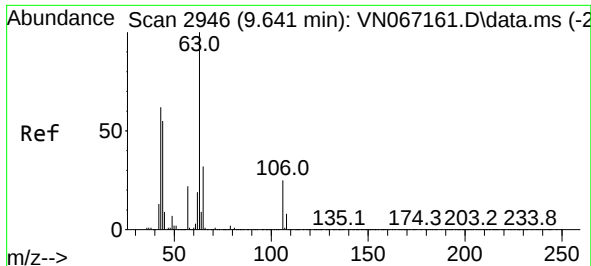
Tgt Ion: 98 Resp: 419075
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.8



#56
Ethyl methacrylate
Concen: 2.80 ug/l
RT: 10.375 min Scan# 3220
Delta R.T. -0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 69 Resp: 50
Ion Ratio Lower Upper
69 100
41 256.0 45.5 68.3#
39 0.0 22.9 34.3#

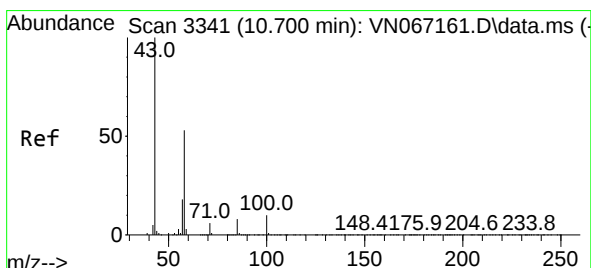
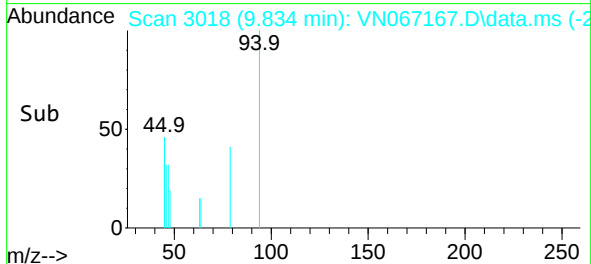
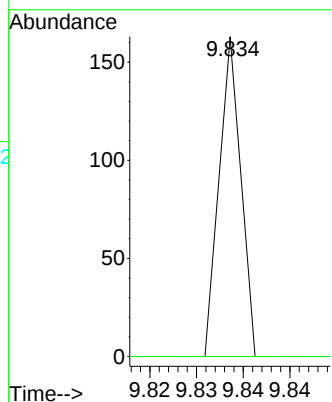
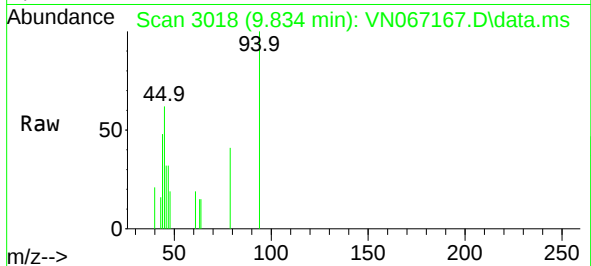




#58
2-Chloroethyl Vinyl ether
Concen: 6.75 ug/l
RT: 9.834 min Scan# 3018
Delta R.T. 0.193 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

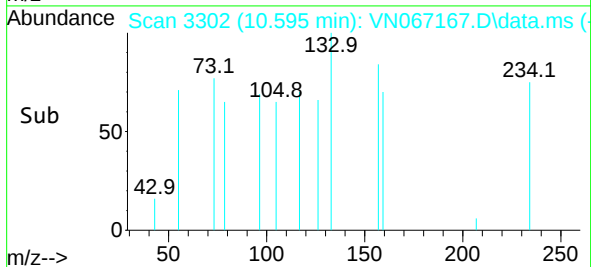
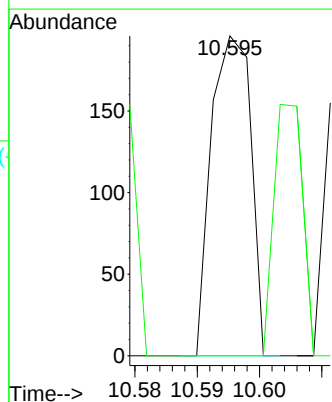
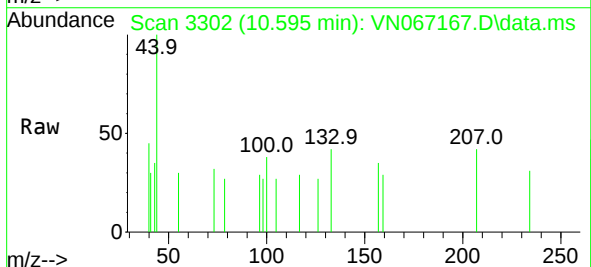
Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

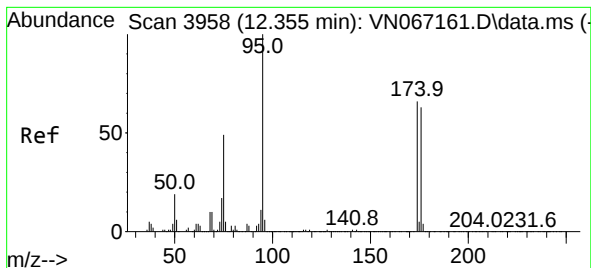
Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 18.89 ug/l
RT: 10.595 min Scan# 3302
Delta R.T. -0.105 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 57.0 29.8 89.5

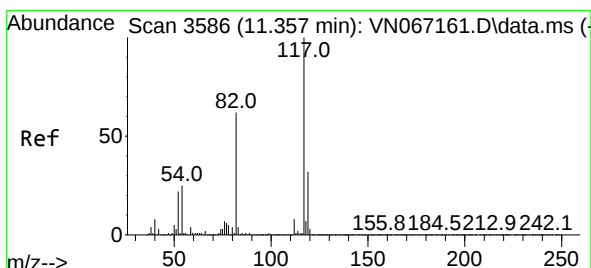
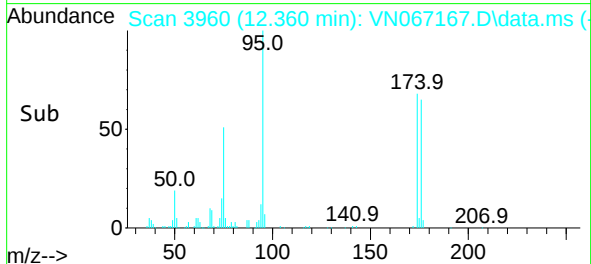
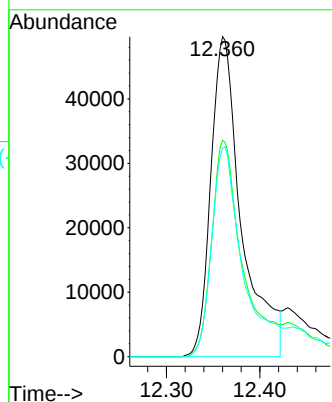
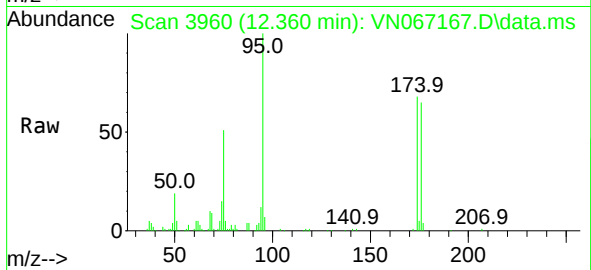




#62
4-Bromofluorobenzene
Concen: 43.60 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

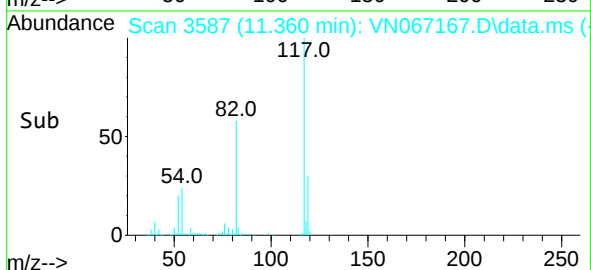
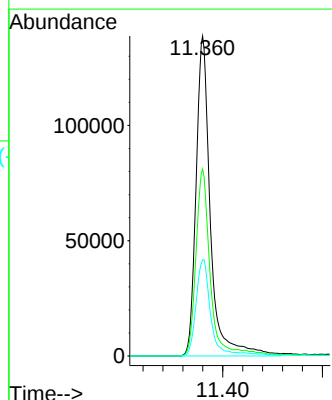
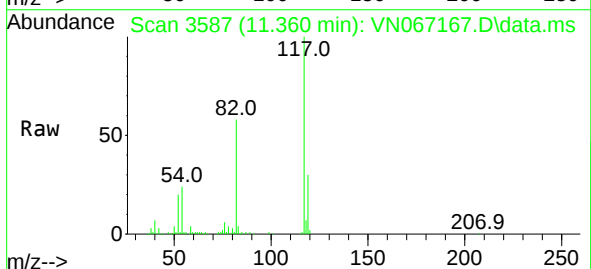
Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

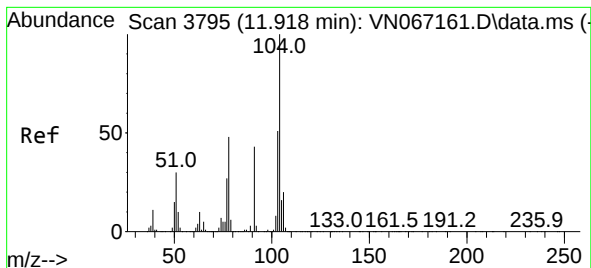
Tgt Ion: 95 Resp: 113305
Ion Ratio Lower Upper
95 100
174 67.9 0.0 182.8
176 67.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 117 Resp: 277848
Ion Ratio Lower Upper
117 100
82 58.5 42.2 63.2
119 30.1 25.8 38.6





#70

Styrene

Concen: 2.51 ug/l

RT: 11.706 min Scan# 3716

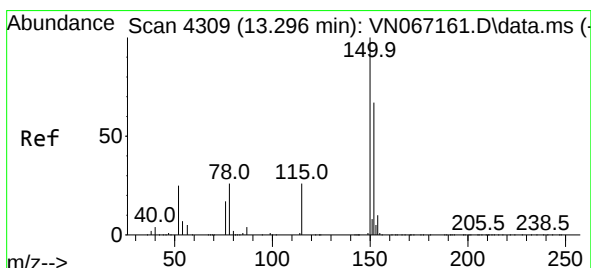
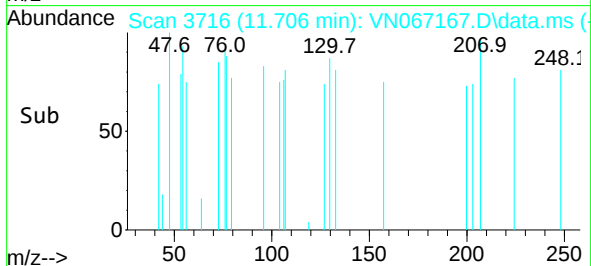
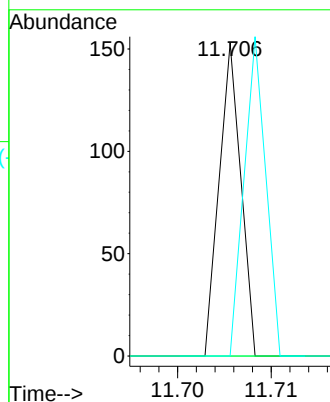
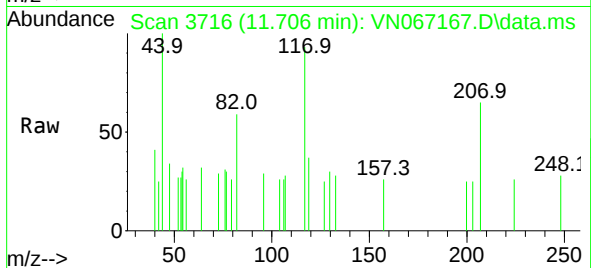
Delta R.T. -0.212 min

Lab File: VN067167.D

Acq: 26 May 2021 13:49

Tgt Ion:	104	Resp:	25
Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.7	56.5#
103	100.0	44.2	66.4#

Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

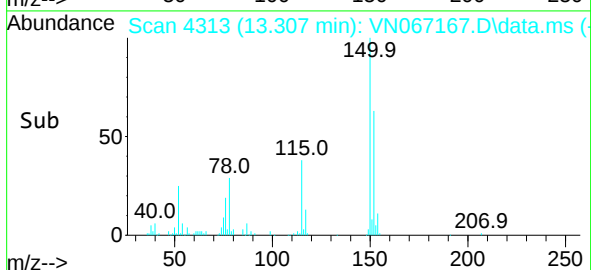
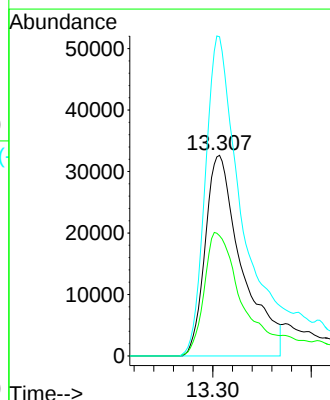
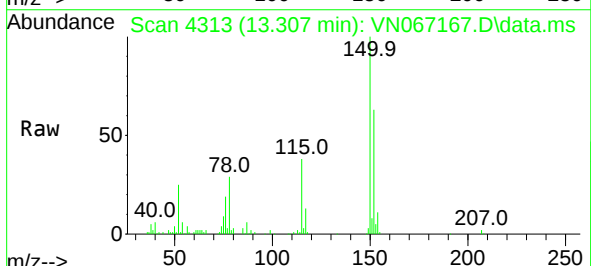
RT: 13.307 min Scan# 4313

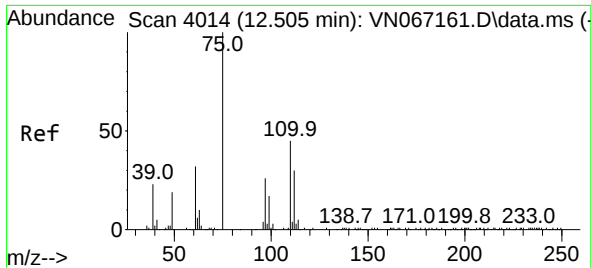
Delta R.T. 0.011 min

Lab File: VN067167.D

Acq: 26 May 2021 13:49

Tgt Ion:	152	Resp:	84219
Ion	Ratio	Lower	Upper
152	100		
115	69.4	27.0	80.8
150	164.2	0.0	350.2

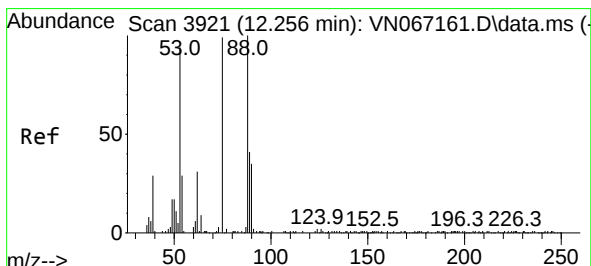
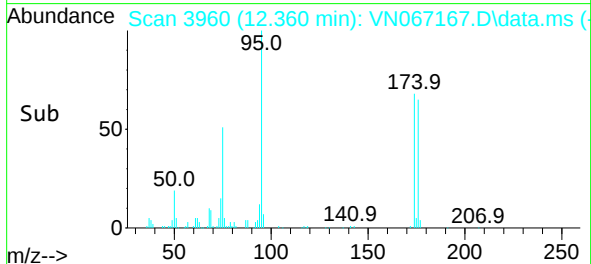
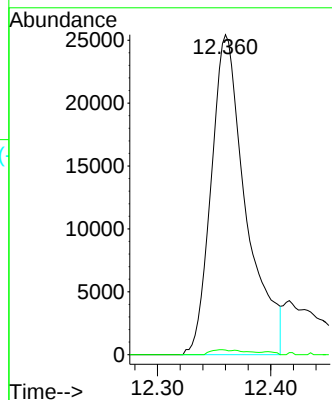
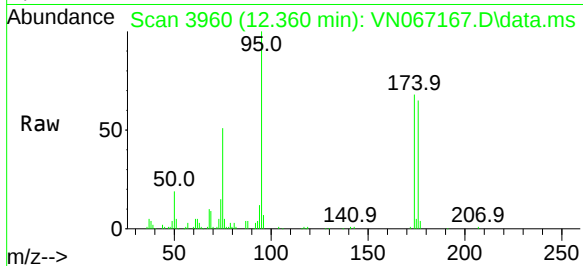




#76
1,2,3-Trichloropropane
Concen: 23.05 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. -0.145 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

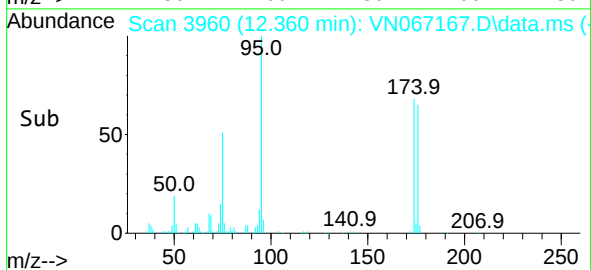
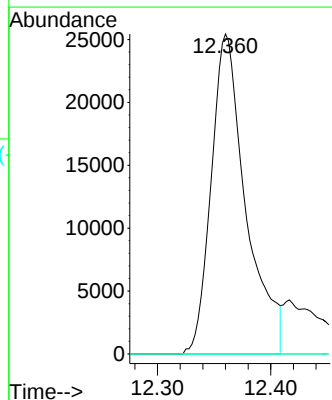
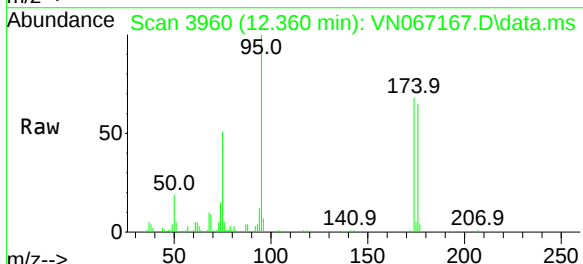
Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

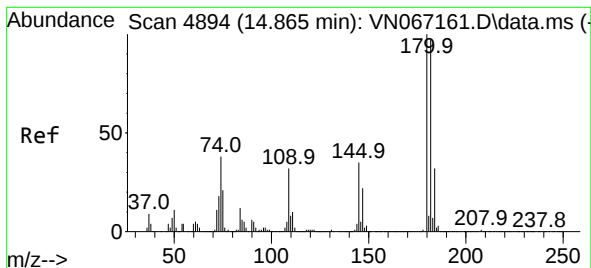
Tgt Ion: 75 Resp: 54045
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.51 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.104 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion: 75 Resp: 54045
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#

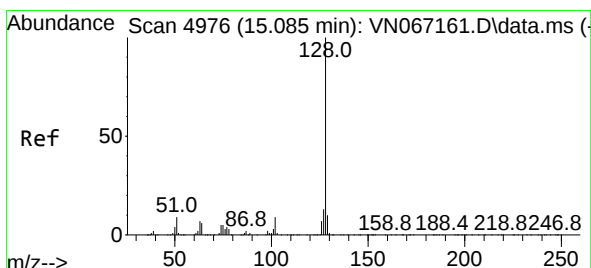
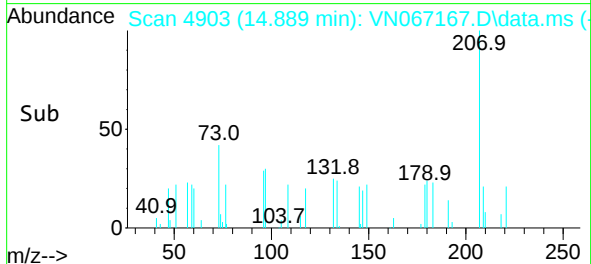
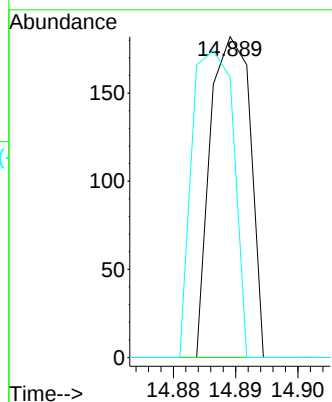
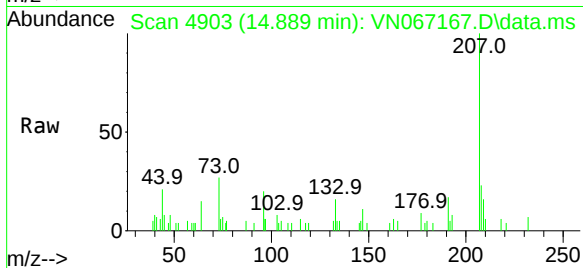




#93
1,2,4-Trichlorobenzene
Concen: 3.31 ug/l
RT: 14.889 min Scan# 4903
Delta R.T. 0.024 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0526MBL01

Tgt Ion:180 Resp: 81
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 98.8 14.0 42.0#



#95
Naphthalene
Concen: 3.89 ug/l
RT: 15.120 min Scan# 4989
Delta R.T. 0.035 min
Lab File: VN067167.D
Acq: 26 May 2021 13:49

Tgt Ion:128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

