

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067769.D
 Acq On : 16 Jul 2021 13:30
 Operator : JC/MD
 Sample : VN0716WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 14:01:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

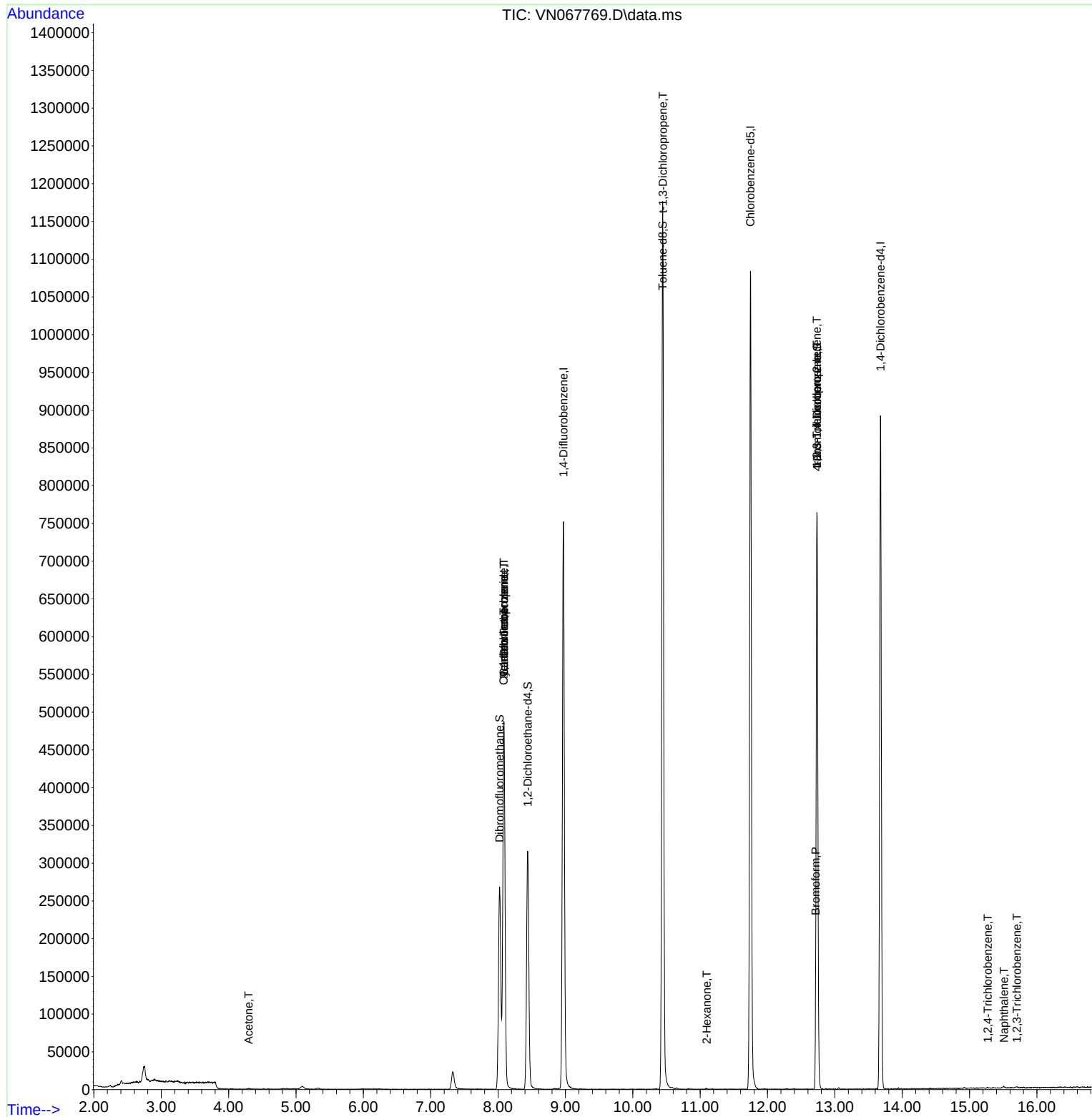
Internal Standards						
1) Pentafluorobenzene	8.088	168	348480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	651640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	619196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	227006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	271933	51.633	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.260%		
35) Dibromofluoromethane	8.024	113	199207	50.598	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.200%		
50) Toluene-d8	10.443	98	828266	50.260	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.520%		
62) 4-Bromofluorobenzene	12.736	95	268765	46.168	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 92.340%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.834	94	126	Below Cal	#	4
6) Chloroethane	3.019	64	26	Below Cal	#	44
13) Acrolein	4.033	56	391	Below Cal		97
16) Acetone	4.296	43	1088	0.657	ug/l	91
20) Methylene Chloride	5.093	84	749	Below Cal	#	57
31) Cyclohexane	8.083	56	9607	1.301	ug/l	# 28
36) 1,1-Dichloropropene	8.086	75	31663	5.231	ug/l	# 52
38) Carbon Tetrachloride	8.086	117	39760	6.659	ug/l	# 16
53) t-1,3-Dichloropropene	10.448	75	170	1.766	ug/l	# 1
59) 2-Hexanone	11.098	43	994	0.225	ug/l	83
71) Bromoform	12.715	173	125	3.205	ug/l	# 1
76) 1,2,3-Trichloropropane	12.734	75	153109	33.027	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.734	75	153109	106.482	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.271	180	504	2.800	ug/l	# 51
95) Naphthalene	15.509	128	2468	3.221	ug/l	# 85
96) 1,2,3-Trichlorobenzene	15.702	180	499	2.763	ug/l	# 72

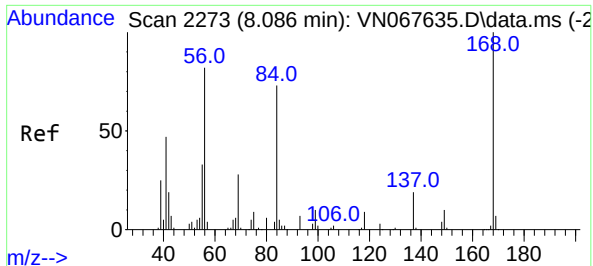
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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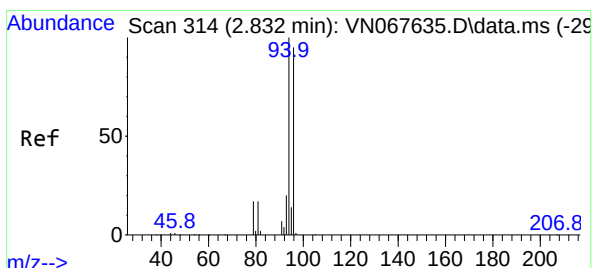
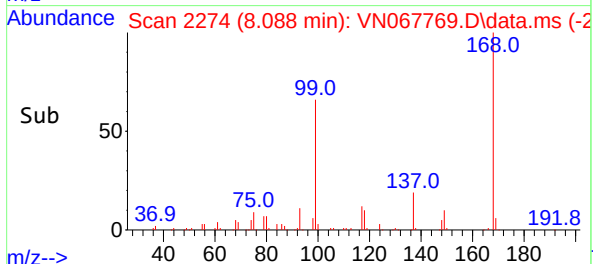
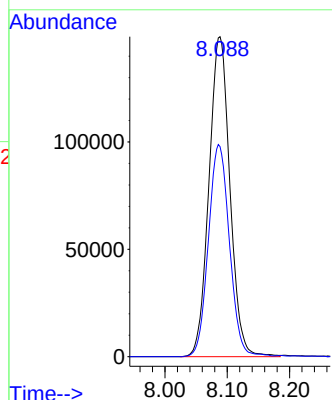
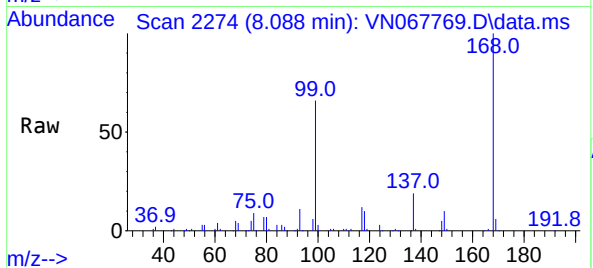




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

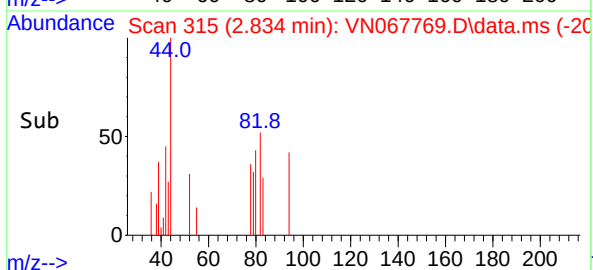
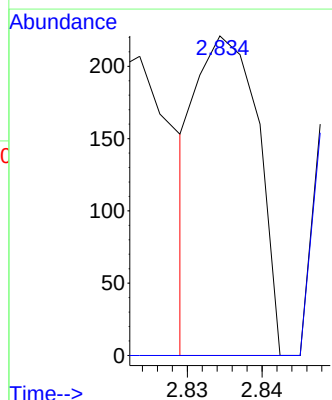
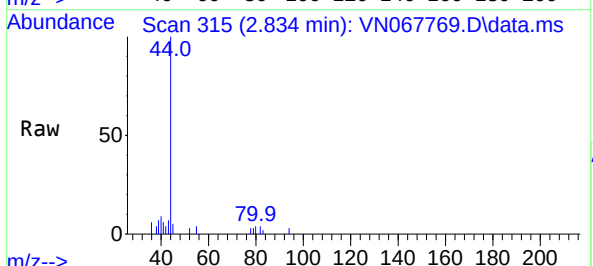
Instrument :
MSVOA_N
ClientSampleId :

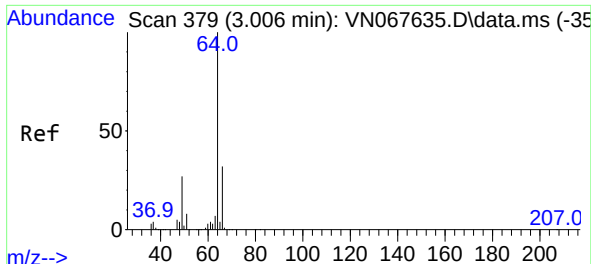
Tgt Ion:168 Resp: 348480
Ion Ratio Lower Upper
168 100
99 65.7 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.834 min Scan# 315
Delta R.T. 0.002 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

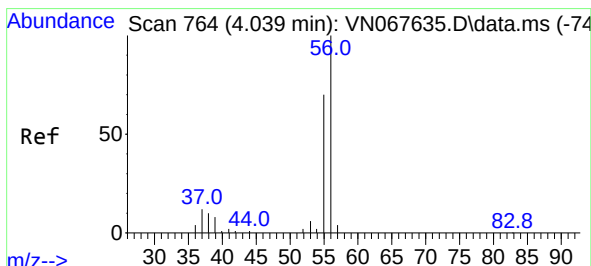
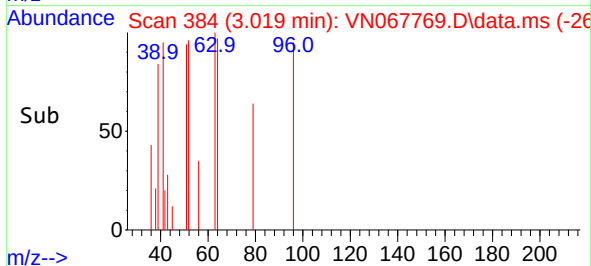
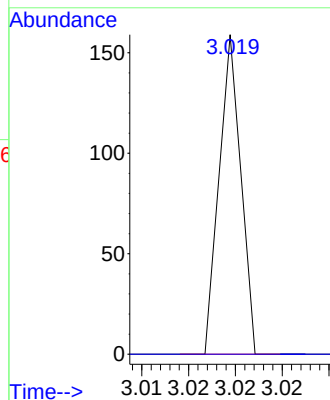
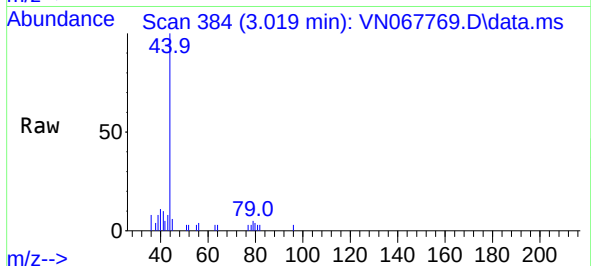




#6
Chloroethane
Concen: Below Cal
RT: 3.019 min Scan# 384
Delta R.T. 0.013 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

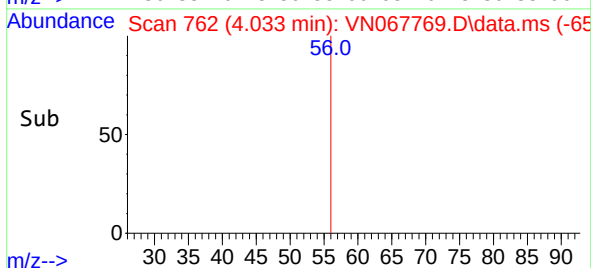
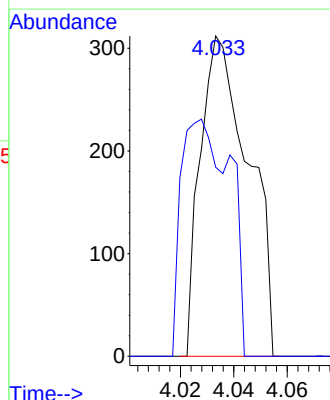
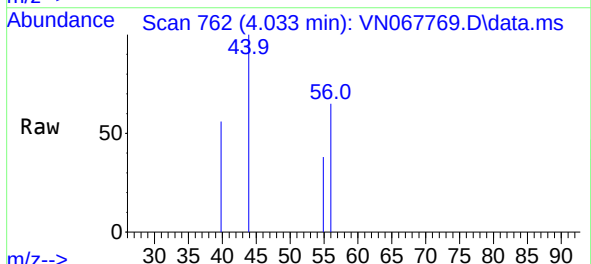
Instrument :
MSVOA_N
ClientSampled :

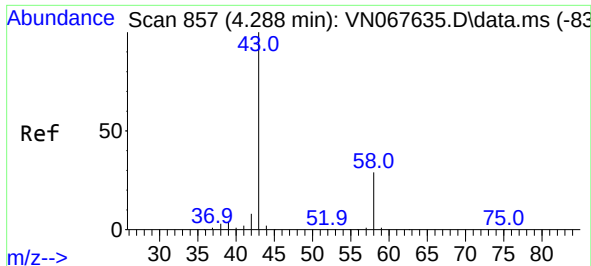
Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 56 Resp: 391
Ion Ratio Lower Upper
56 100
55 74.4 57.4 86.0

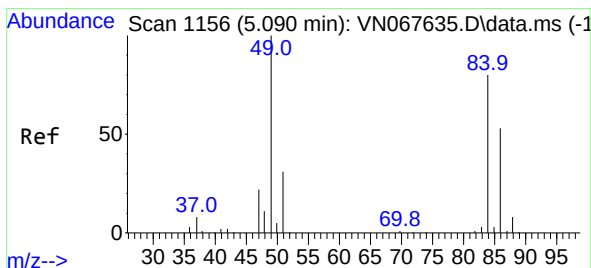
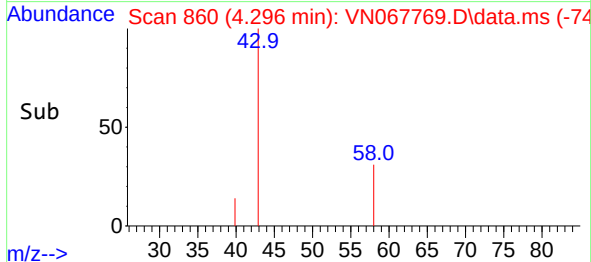
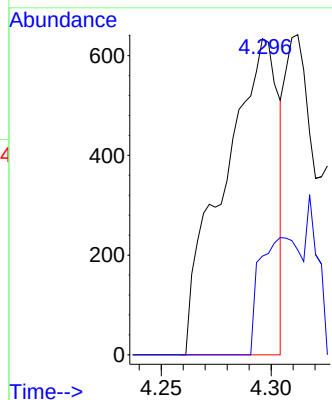
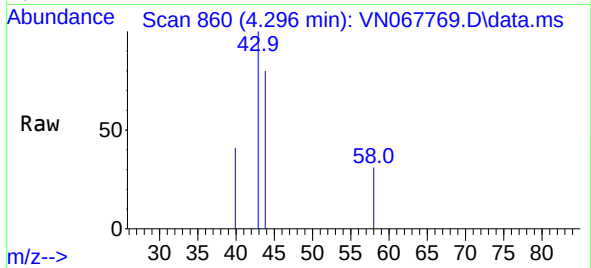




#16
Acetone
Concen: 0.657 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

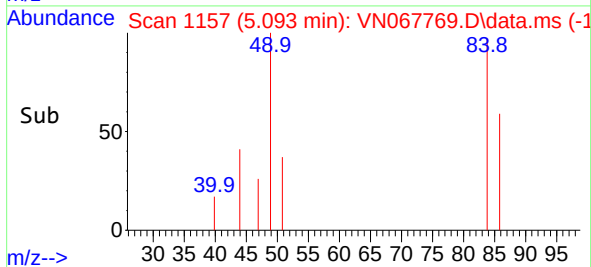
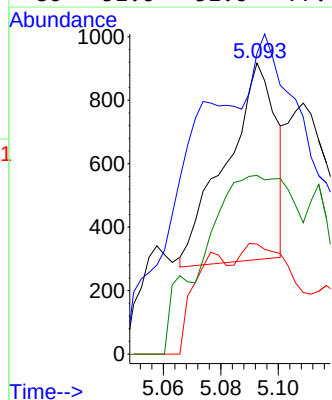
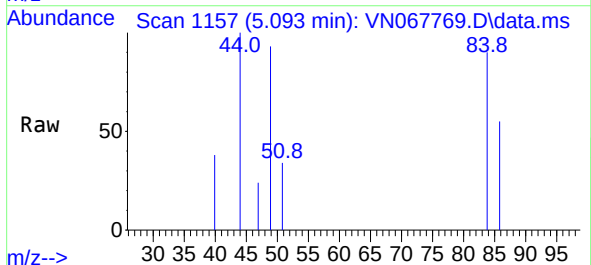
Instrument :
MSVOA_N
ClientSampled :

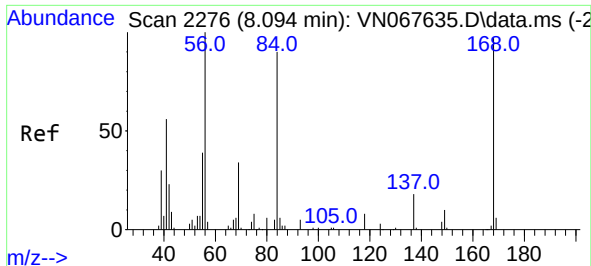
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 84 Resp: 749
Ion Ratio Lower Upper
84 100
49 64.7 110.9 166.3#
51 56.7 32.6 49.0#
86 51.6 51.6 77.4

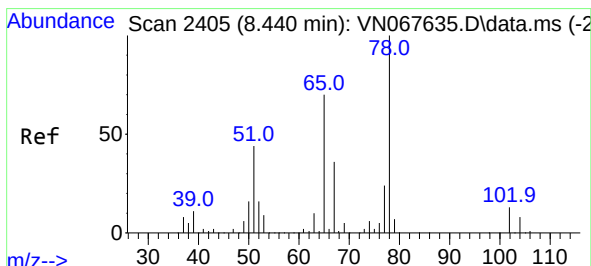
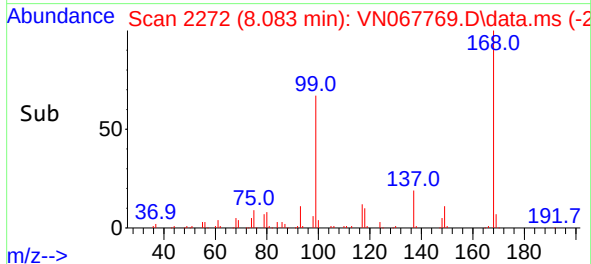
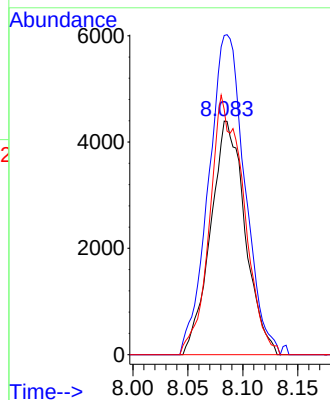
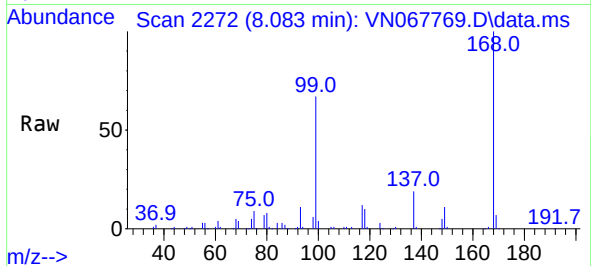




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

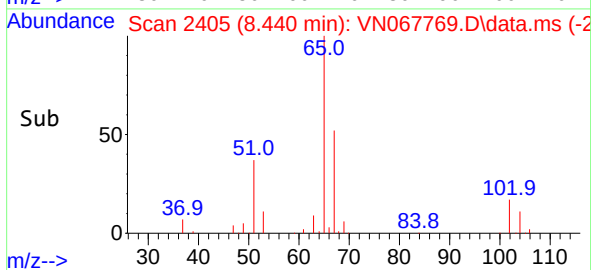
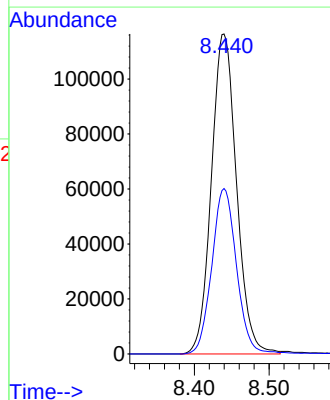
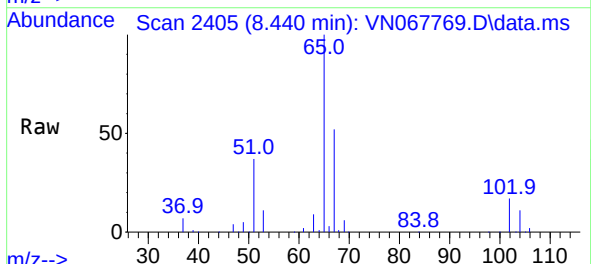
Instrument :
MSVOA_N
ClientSampleId :

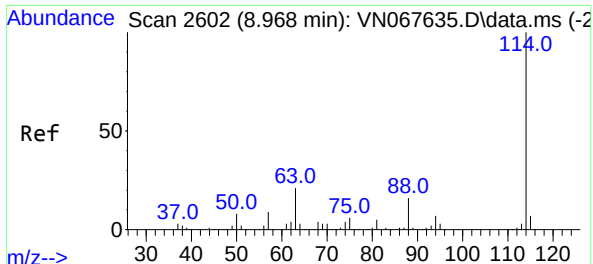
Tgt Ion: 56 Resp: 9607
Ion Ratio Lower Upper
56 100
69 136.7 27.3 40.9#
84 105.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.633 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 65 Resp: 271933
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

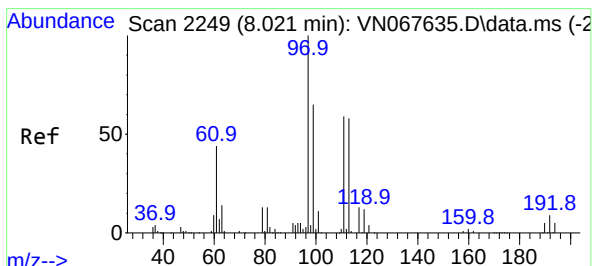
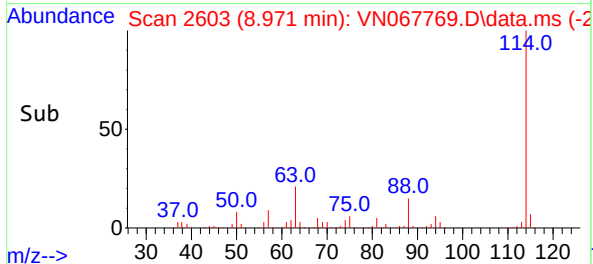
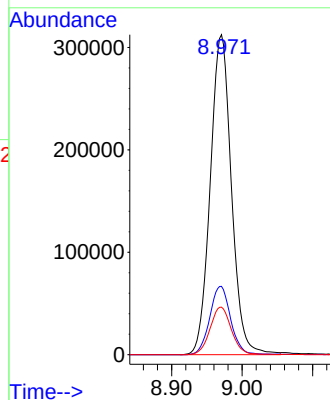
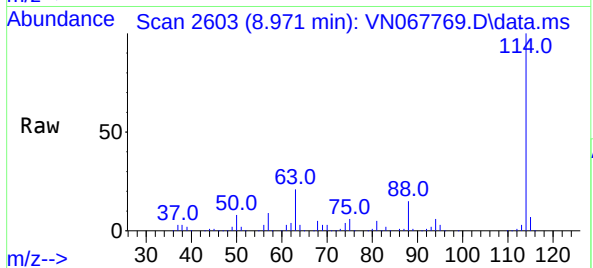




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

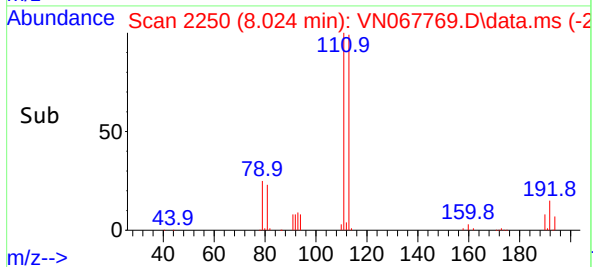
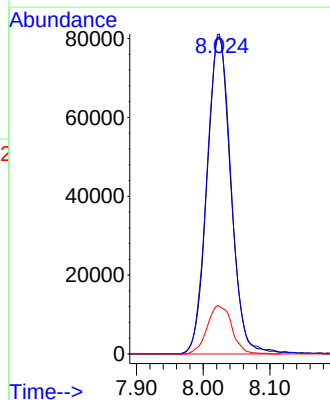
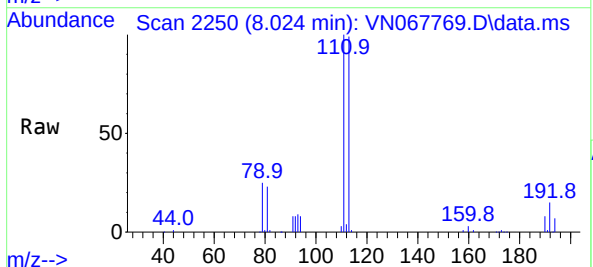
Instrument :
MSVOA_N
ClientSampled :

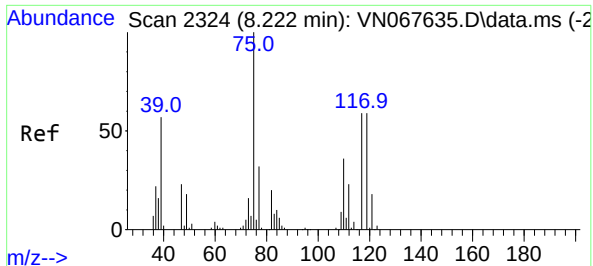
Tgt Ion:114 Resp: 651640
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion:113 Resp: 199207
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 15.8 13.4 20.0

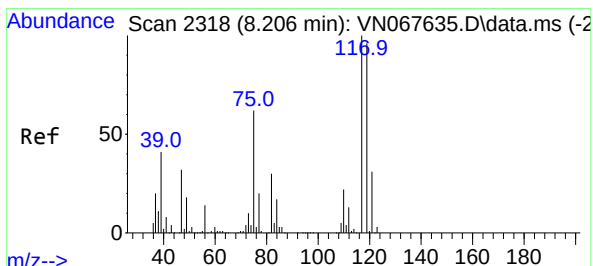
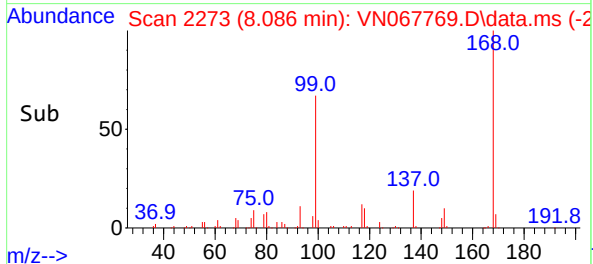
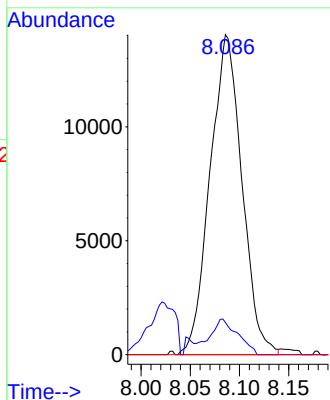
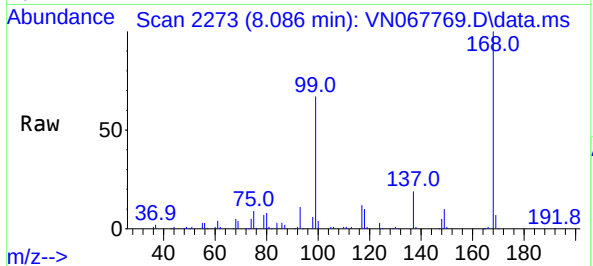




#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

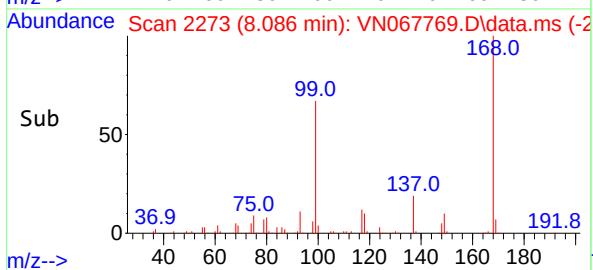
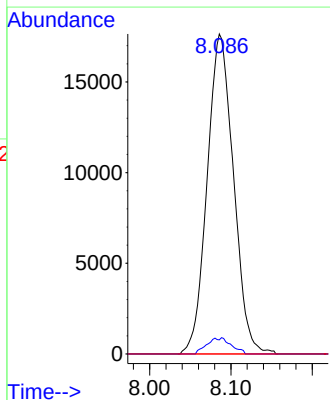
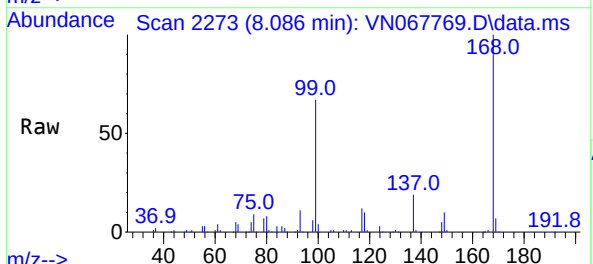
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MSVOA_N
ClientSampled :

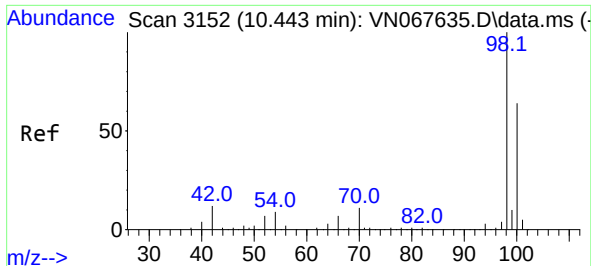
Tgt Ion: 75 Resp: 31663
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.659 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion:117 Resp: 39760
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.2#
121 0.0 23.5 35.3#

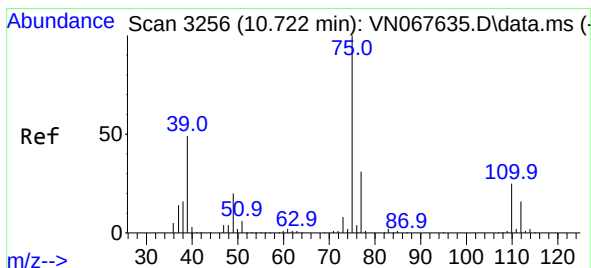
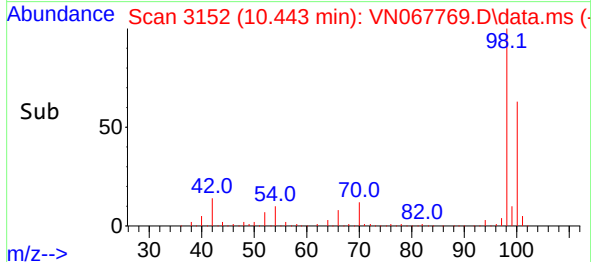
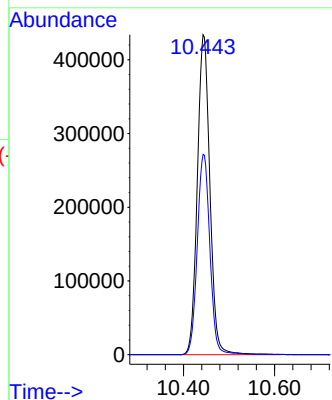
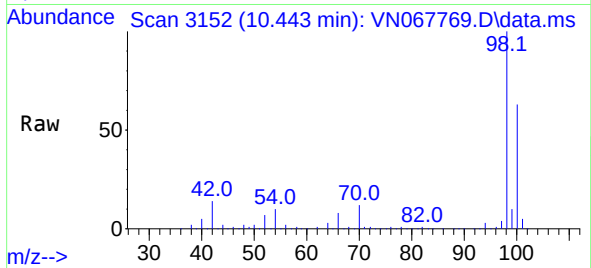




#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

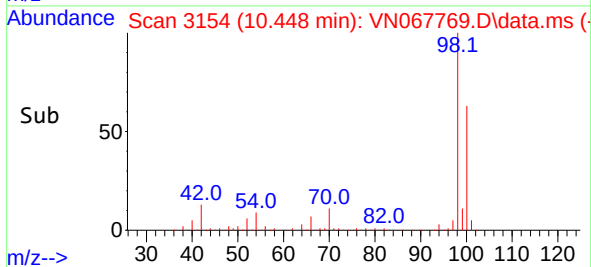
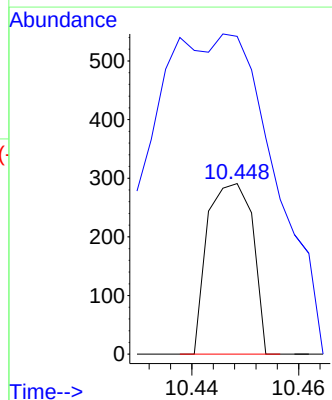
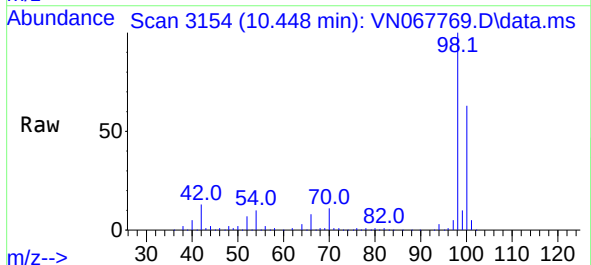
Instrument :
MSVOA_N
ClientSampled :

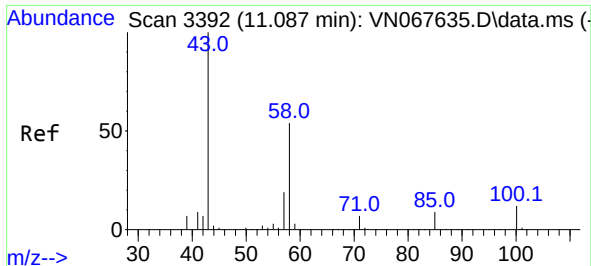
Tgt Ion: 98 Resp: 828266
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.766 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.274 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 75 Resp: 170
Ion Ratio Lower Upper
75 100
77 95.5 25.1 37.7#

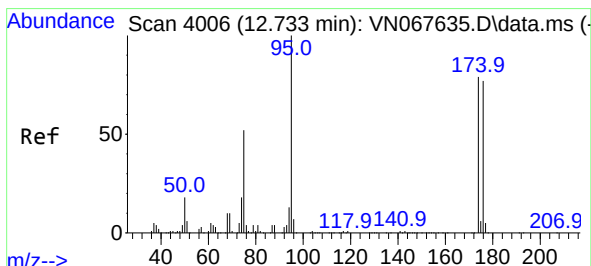
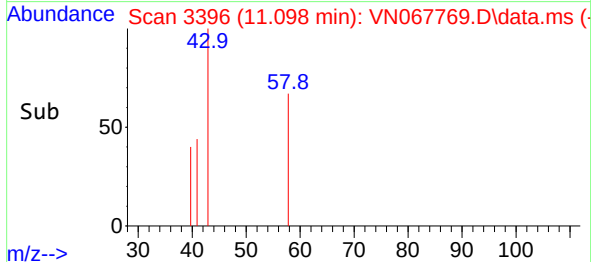
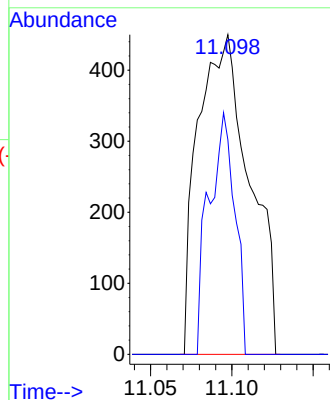
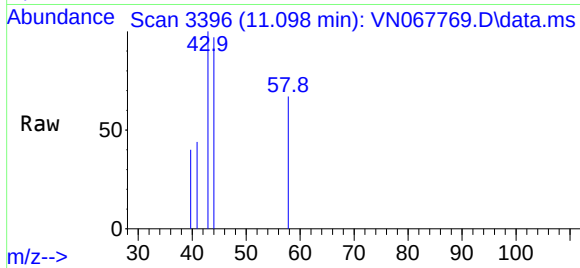




#59
2-Hexanone
Concen: 0.225 ug/l
RT: 11.098 min Scan# 3396
Delta R.T. 0.011 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

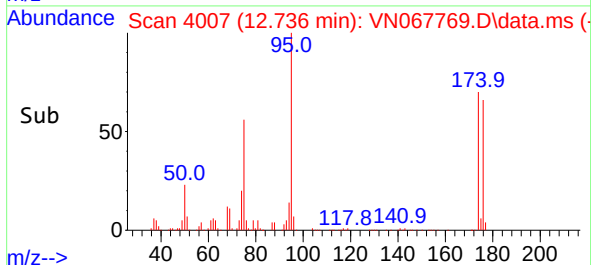
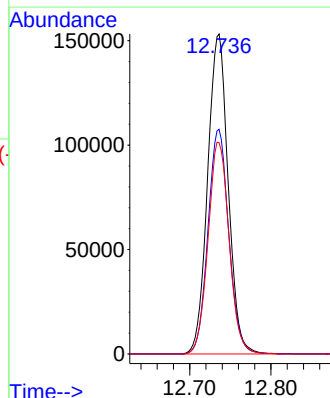
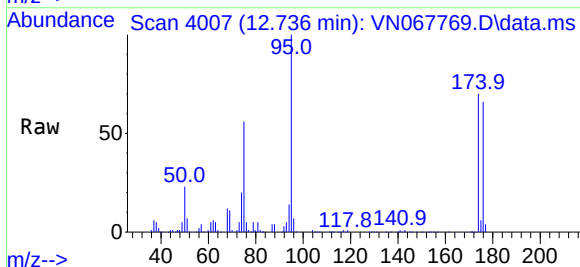
Instrument :
MSVOA_N
ClientSampled :

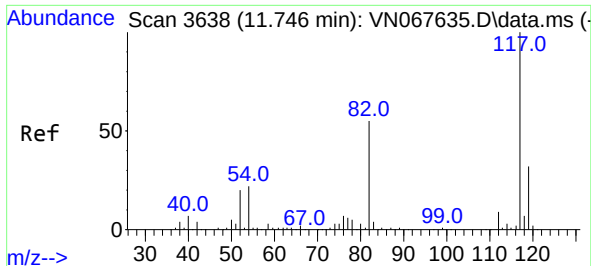
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 37.9 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 46.168 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 95 Resp: 268765
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 67.6 0.0 117.6

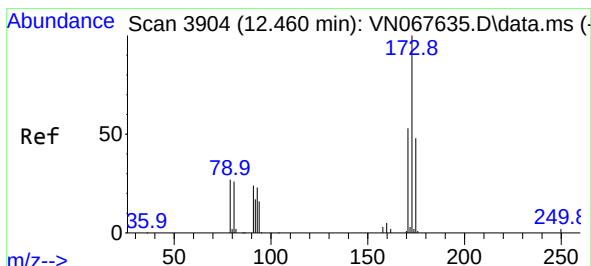
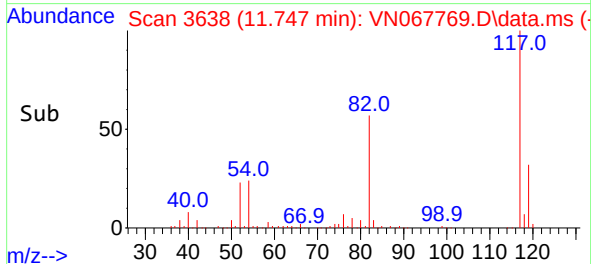
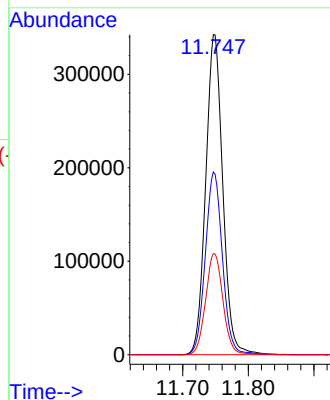
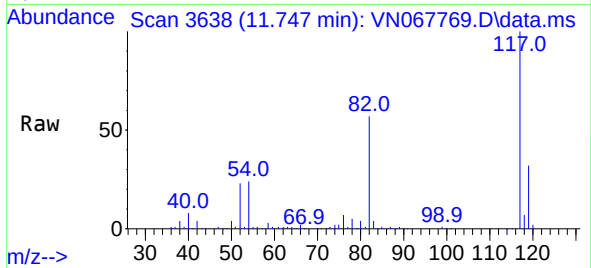




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

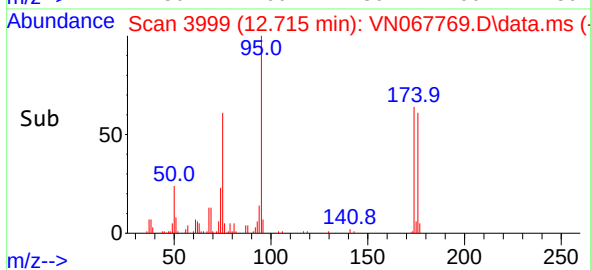
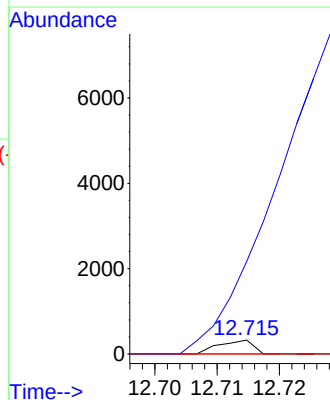
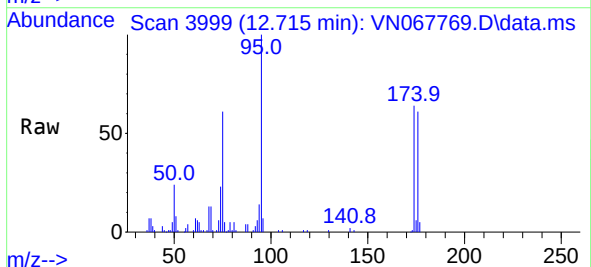
Instrument :
MSVOA_N
ClientSampled :

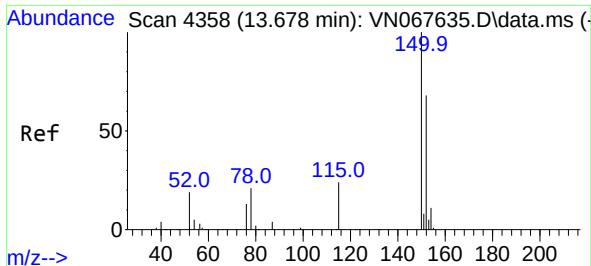
Tgt Ion:117 Resp: 619196
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 31.5 25.5 38.3



#71
Bromoform
Concen: 3.205 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion:173 Resp: 125
Ion Ratio Lower Upper
173 100
175 11359.2 23.9 71.8#
254 0.0 0.0 0.0

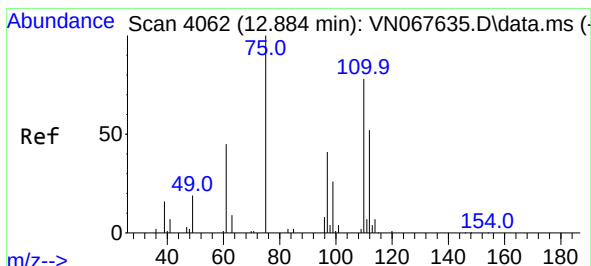
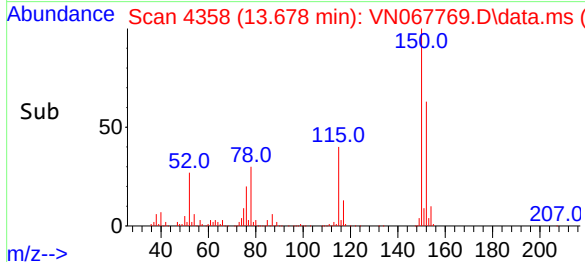
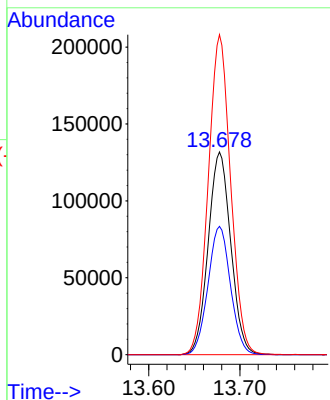
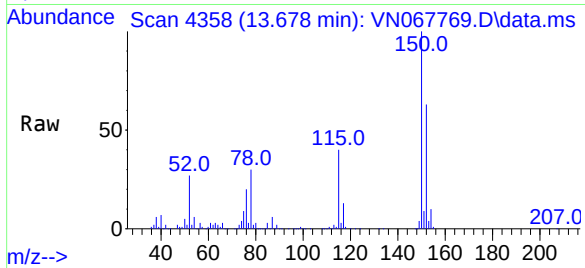




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

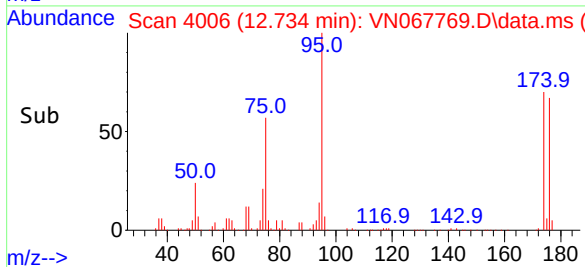
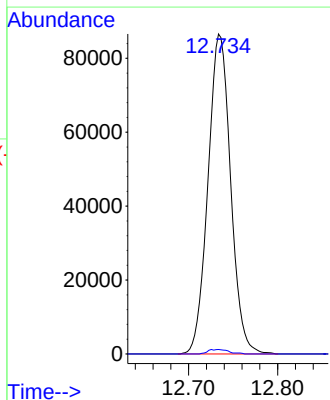
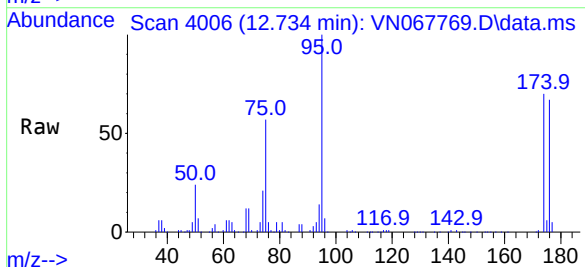
Instrument :
MSVOA_N
ClientSampled :

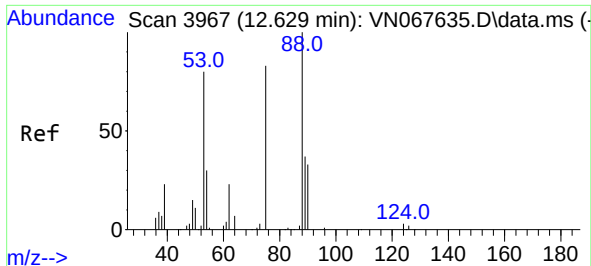
Tgt Ion:152 Resp: 227006
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 156.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.027 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion: 75 Resp: 153109
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

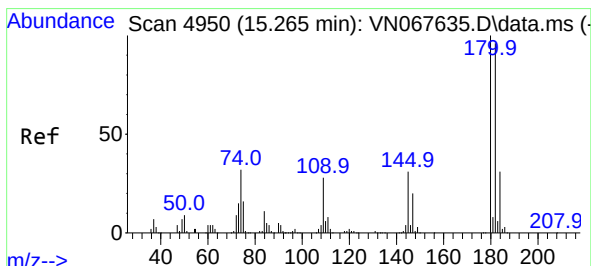
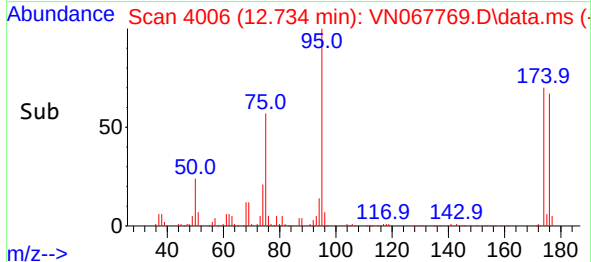
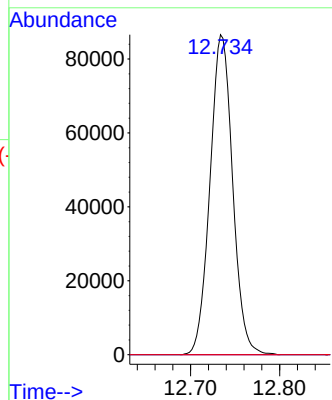
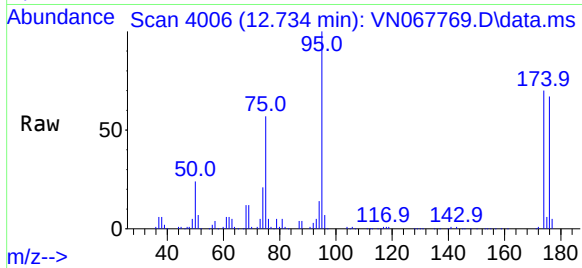




#81
trans-1,4-Dichloro-2-butene
Concen: 106.482 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

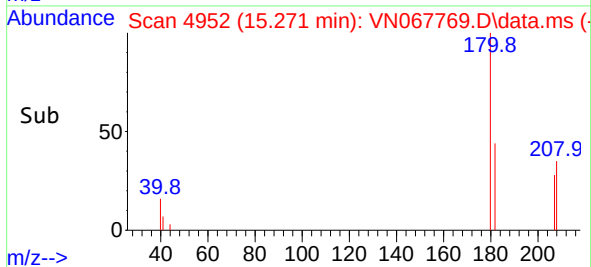
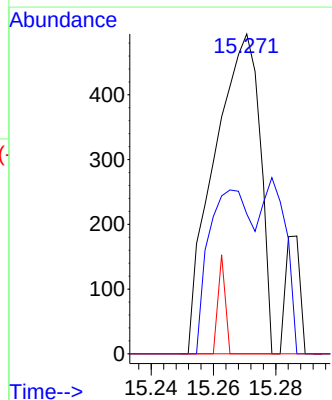
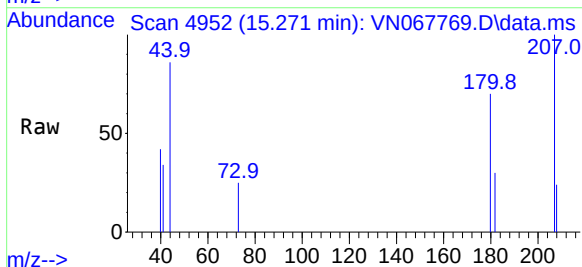
Instrument :
MSVOA_N
ClientSampled :

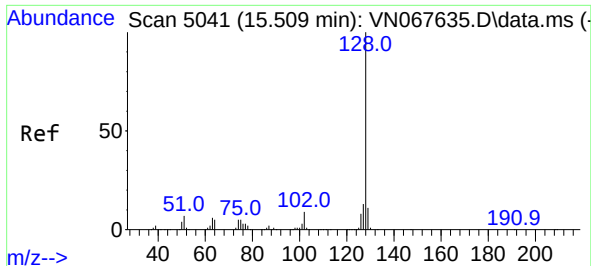
Tgt Ion: 75 Resp: 153109
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.800 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion:180 Resp: 504
Ion Ratio Lower Upper
180 100
182 48.6 47.5 142.5
145 5.0 17.2 51.6#

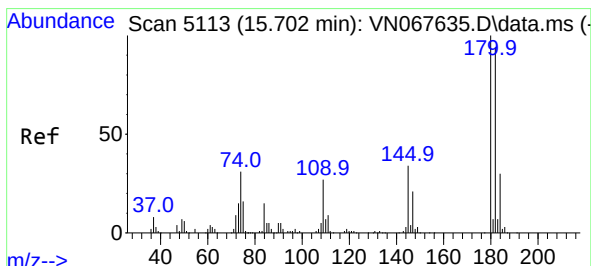
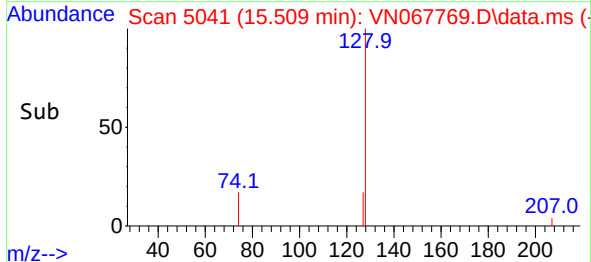
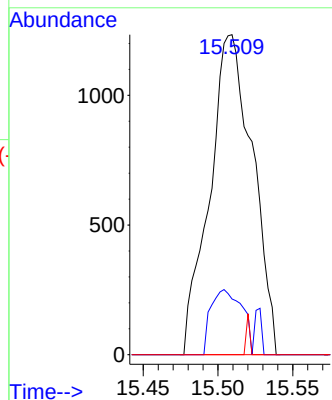
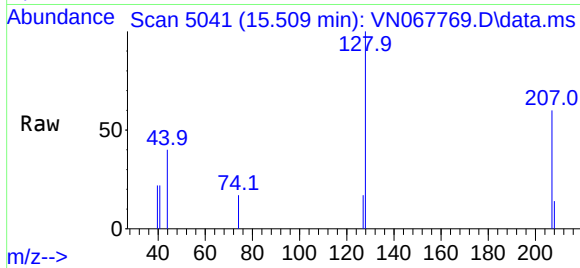




#95
Naphthalene
Concen: 3.221 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2468
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.763 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067769.D
Acq: 16 Jul 2021 13:30

Tgt Ion:180 Resp: 499
Ion Ratio Lower Upper
180 100
182 80.2 47.8 143.3
145 0.0 18.2 54.6#

