

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067790.D
 Acq On : 19 Jul 2021 13:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 18:55:50 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)

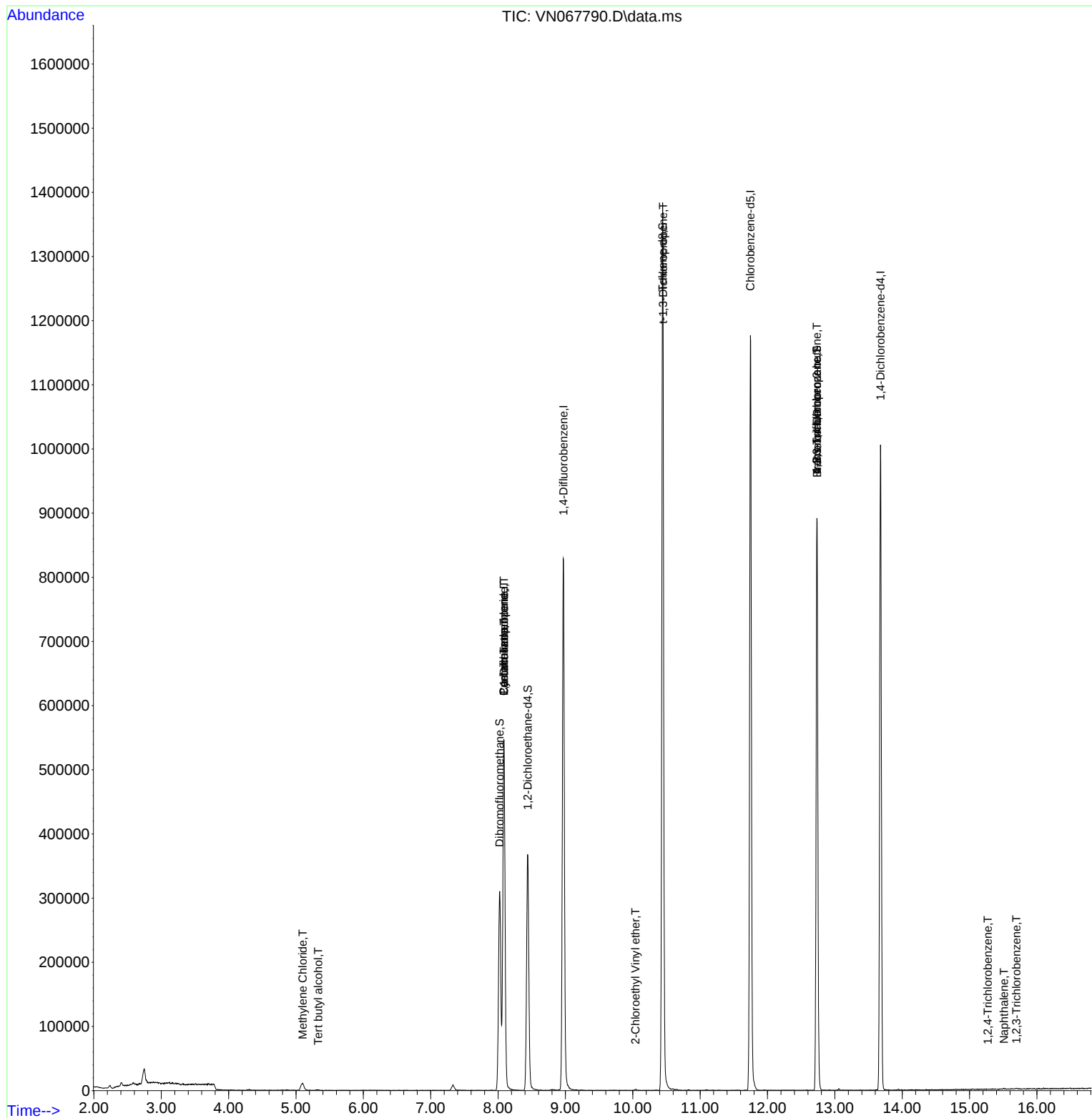
Internal Standards						
1) Pentafluorobenzene	8.088	168	393542	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	729877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	689854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	257917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	313571	52.722	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 105.440%		
35) Dibromofluoromethane	8.024	113	227608	51.615	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 103.220%		
50) Toluene-d8	10.443	98	951432	51.546	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.100%		
62) 4-Bromofluorobenzene	12.733	95	315999	48.463	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.920%		
Target Compounds						
						Qvalue
5) Bromomethane	2.834	94	122	Below Cal	#	4
6) Chloroethane	3.009	64	24	Below Cal	#	44
11) Tert butyl alcohol	5.331	59	206	0.241	ug/l #	71
13) Acrolein	4.047	56	160	Below Cal	#	33
20) Methylene Chloride	5.098	84	8861	1.351	ug/l #	73
31) Cyclohexane	8.086	56	10587	1.269	ug/l #	17
36) 1,1-Dichloropropene	8.088	75	35970	5.305	ug/l #	51
38) Carbon Tetrachloride	8.086	117	42645	6.377	ug/l #	17
53) t-1,3-Dichloropropene	10.451	75	59	1.751	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.038	63	976	17.448	ug/l #	50
71) Bromoform	12.736	173	731	3.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	176600	33.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	176600	108.100	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	27	2.680	ug/l #	1
95) Naphthalene	15.509	128	1654	3.135	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.694	180	111	2.658	ug/l #	1

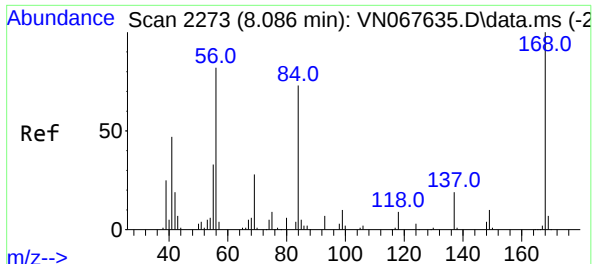
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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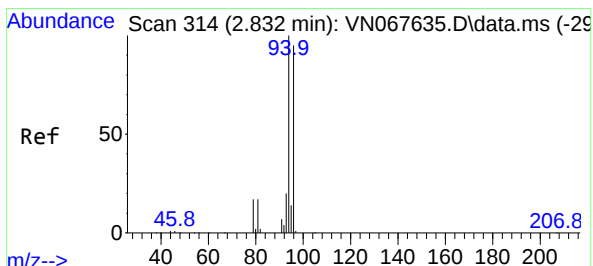
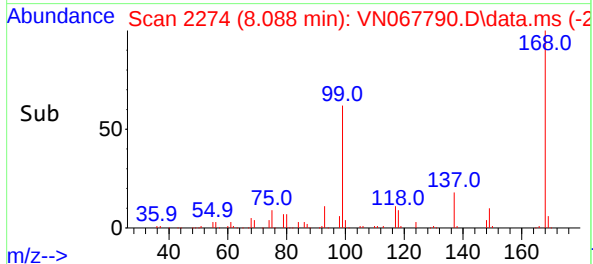
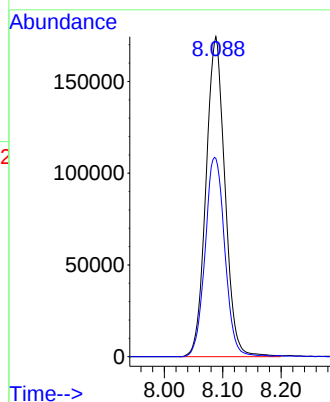
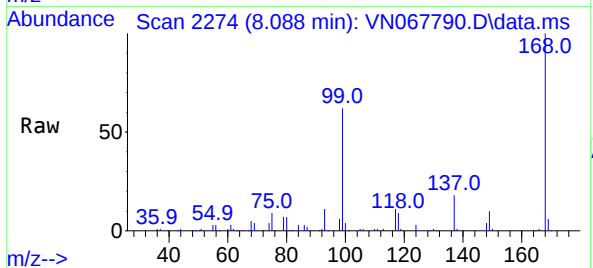




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

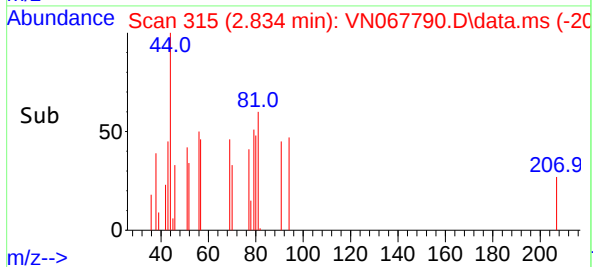
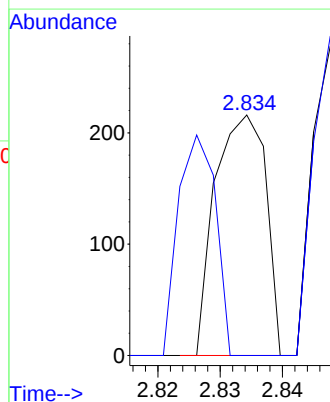
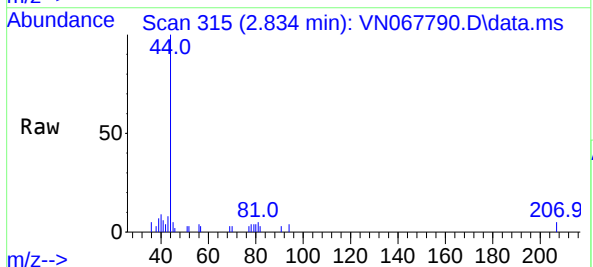
Instrument :
MSVOA_N
ClientSampleId :

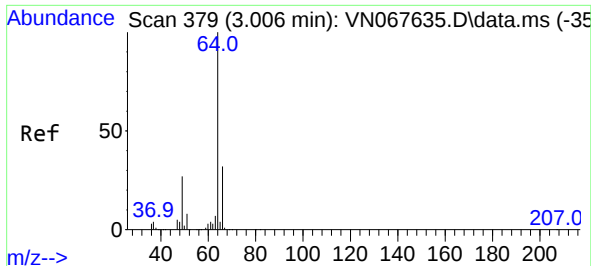
Tgt Ion:168 Resp: 393542
Ion Ratio Lower Upper
168 100
99 61.9 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.834 min Scan# 315
Delta R.T. 0.002 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

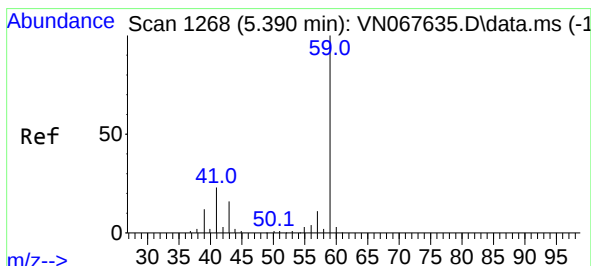
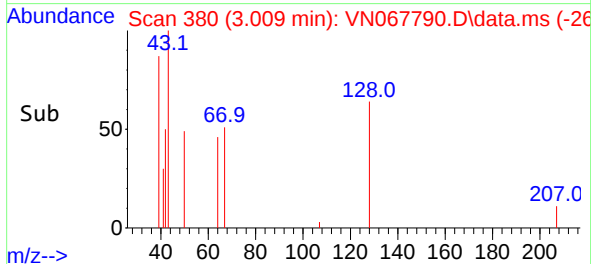
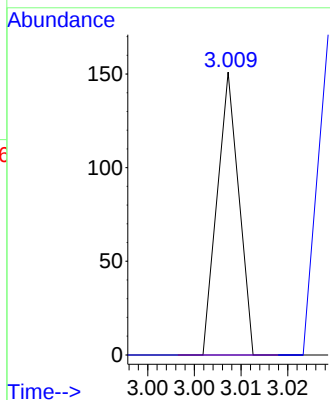
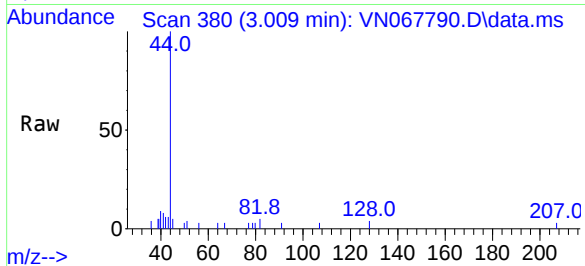




#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. 0.003 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

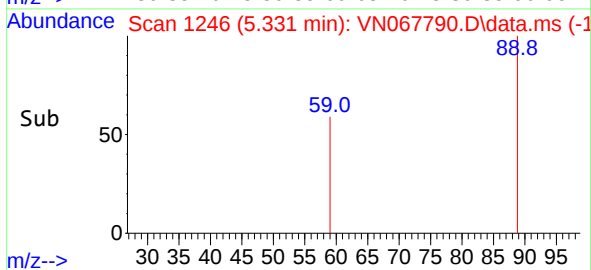
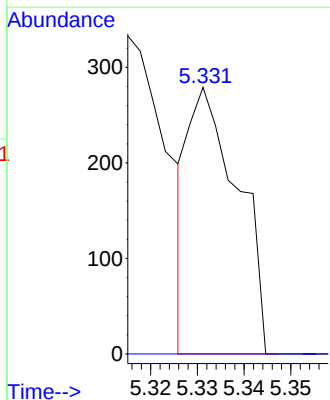
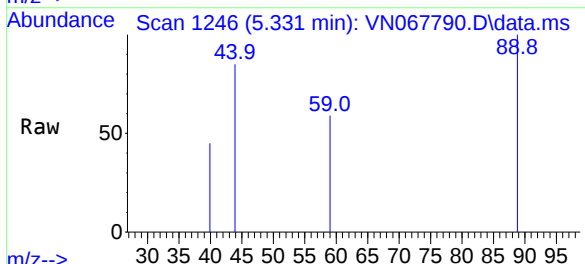
Instrument :
MSVOA_N
ClientSampleId :

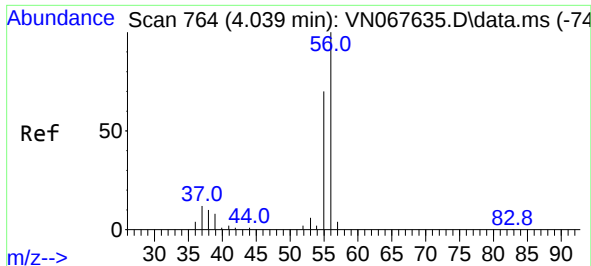
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.241 ug/l
RT: 5.331 min Scan# 1246
Delta R.T. -0.059 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

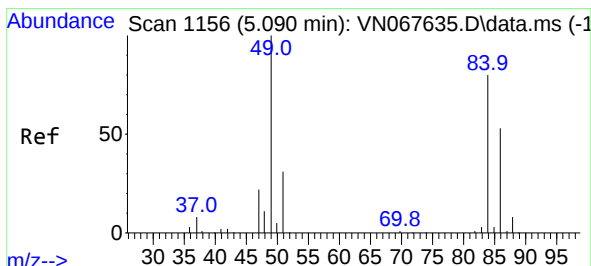
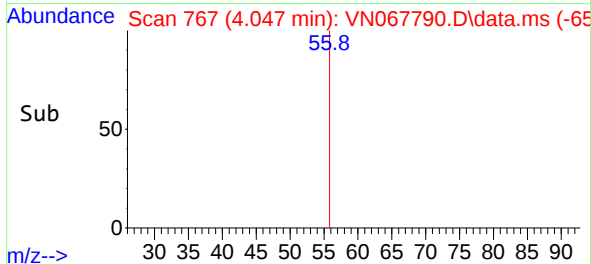
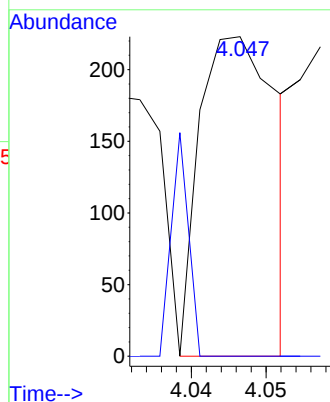
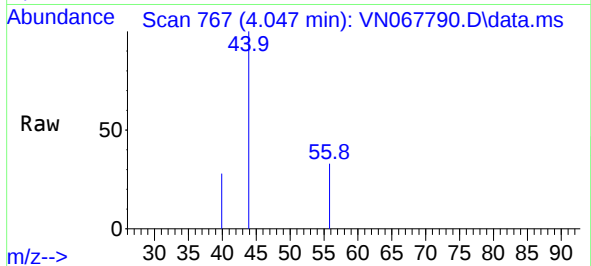




#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

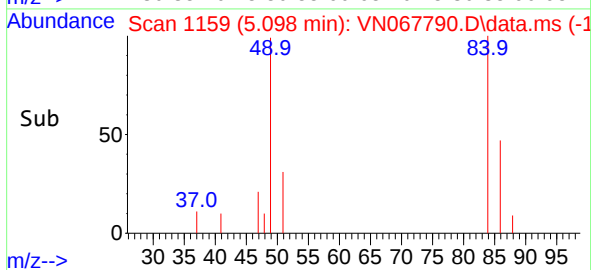
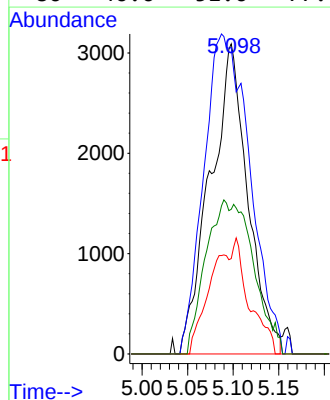
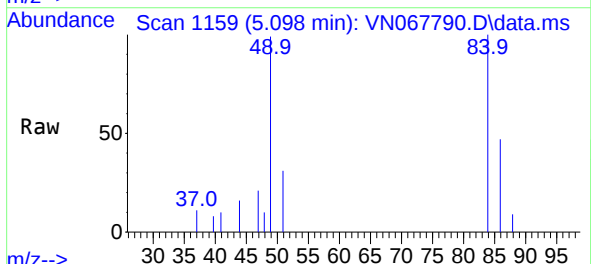
Instrument :
MSVOA_N
ClientSampled :

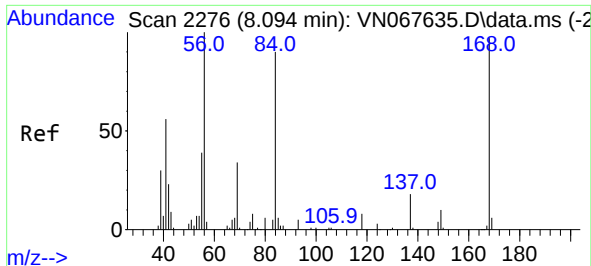
Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 15.6 57.4 86.0#



#20
Methylene Chloride
Concen: 1.351 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.008 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 84 Resp: 8861
Ion Ratio Lower Upper
84 100
49 98.8 110.9 166.3#
51 30.7 32.6 49.0#
86 46.6 51.6 77.4#

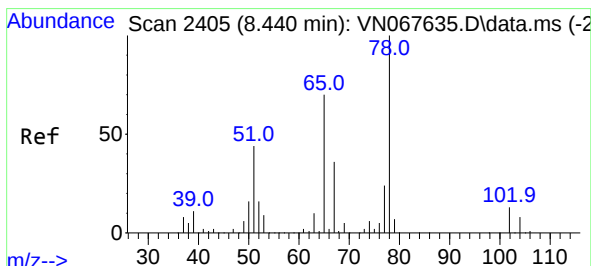
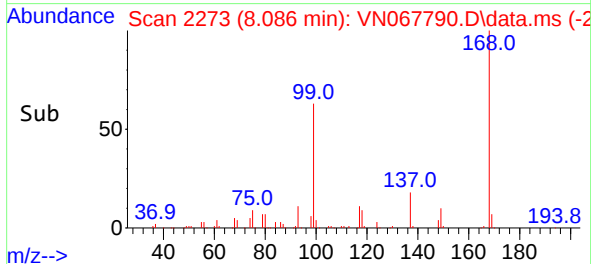
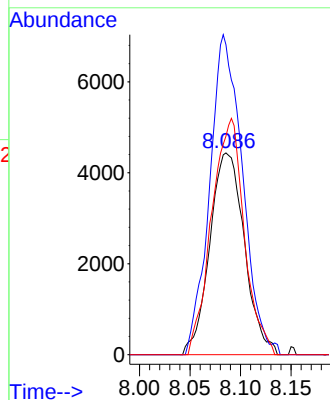
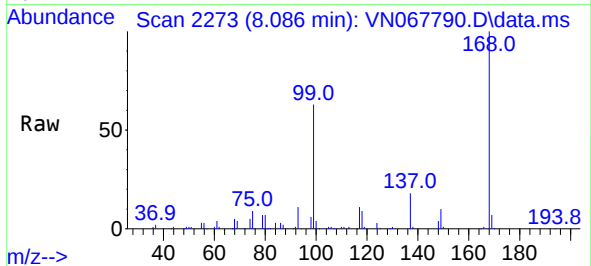




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

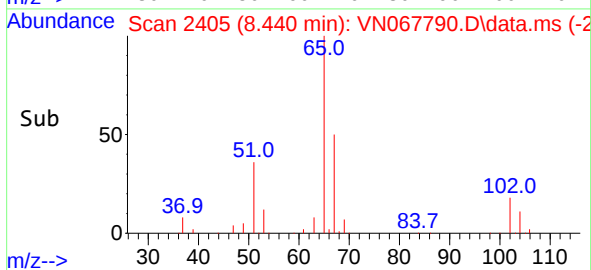
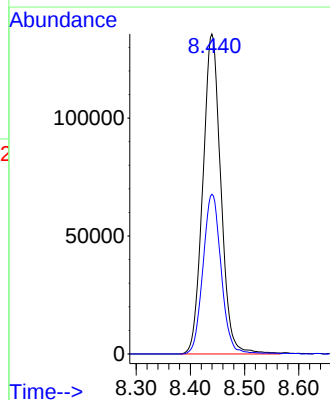
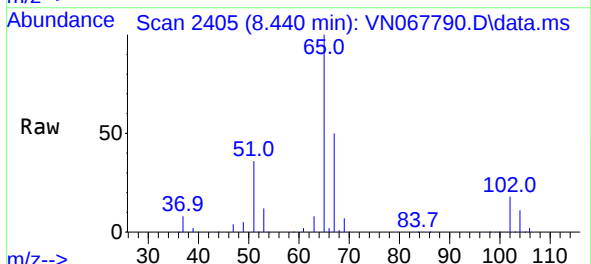
Instrument :
MSVOA_N
ClientSampleId :

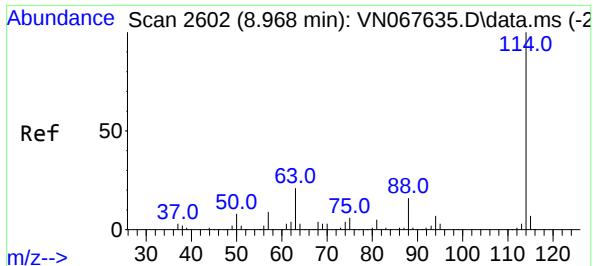
Tgt Ion: 56 Resp: 10587
Ion Ratio Lower Upper
56 100
69 153.6 27.3 40.9#
84 108.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.722 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 65 Resp: 313571
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.6

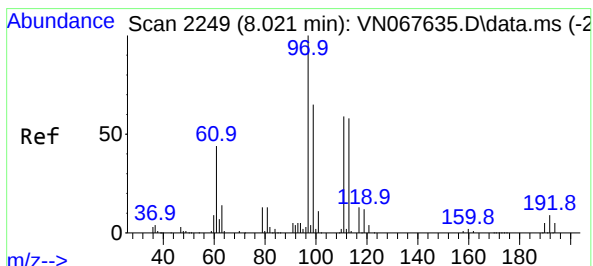
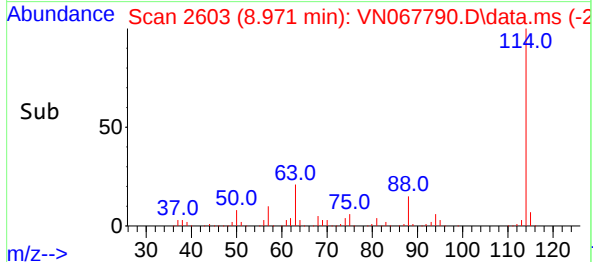
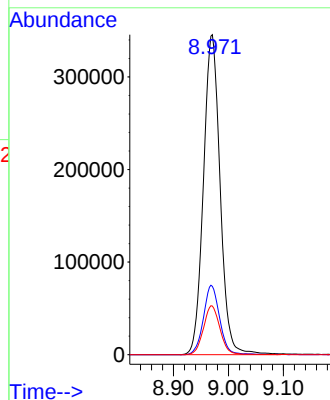
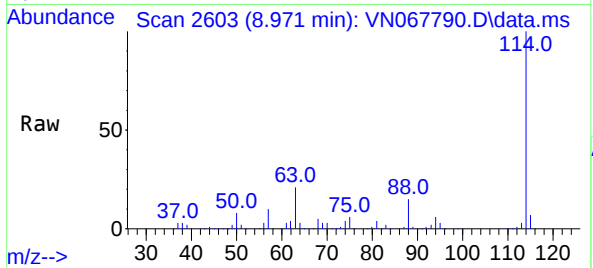




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

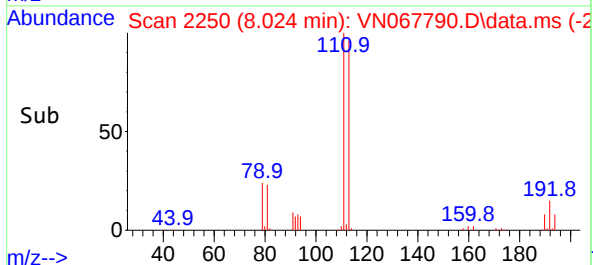
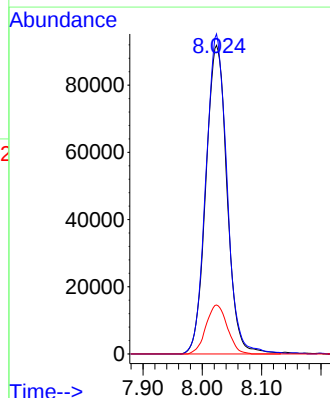
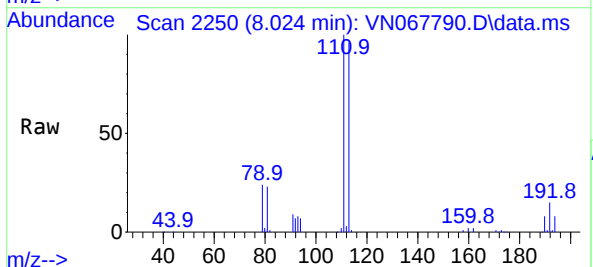
Instrument :
MSVOA_N
ClientSampled :

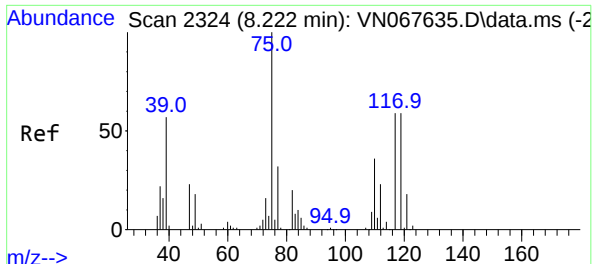
Tgt Ion:114 Resp: 729877
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.615 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion:113 Resp: 227608
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.0 13.4 20.0

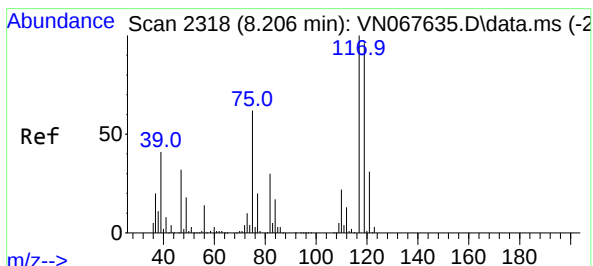
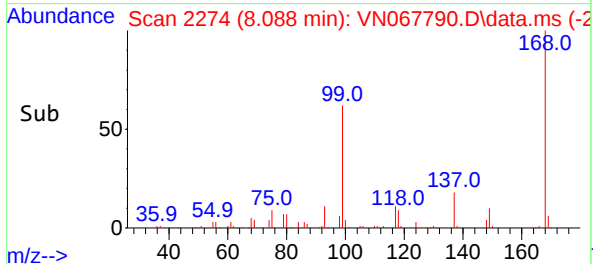
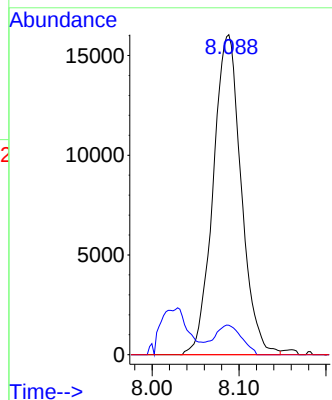
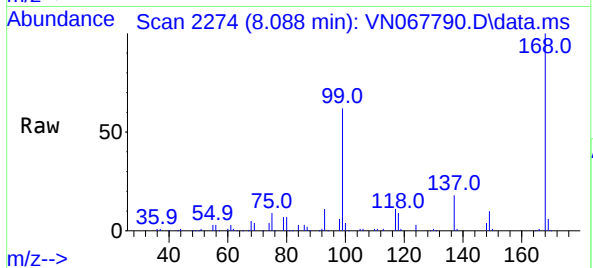




#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

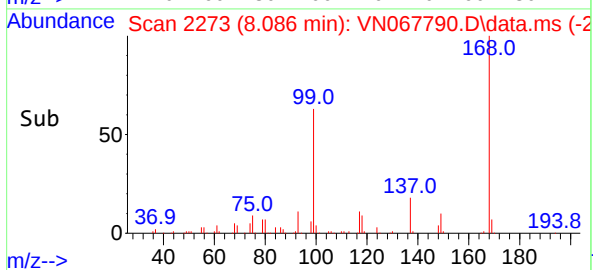
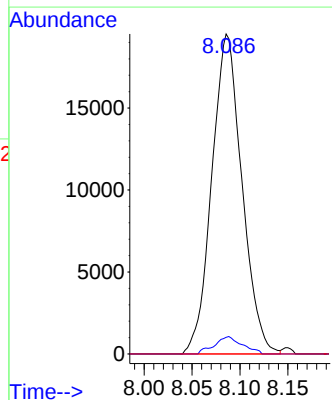
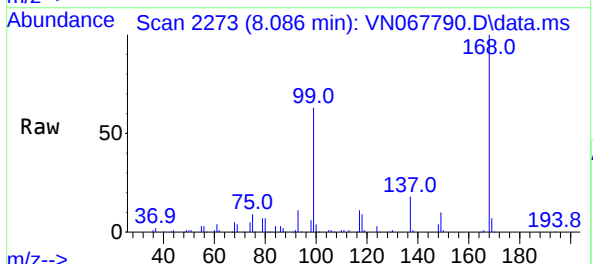
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MSVOA_N
ClientSampled :

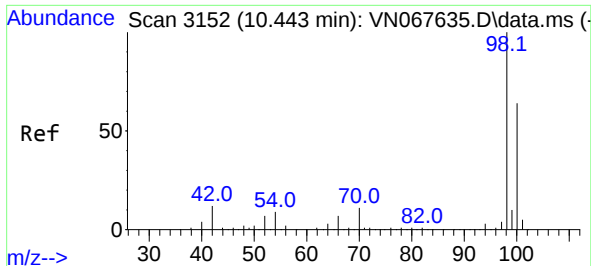
Tgt Ion: 75 Resp: 35970
Ion Ratio Lower Upper
75 100
110 8.3 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.377 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 117 Resp: 42645
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#

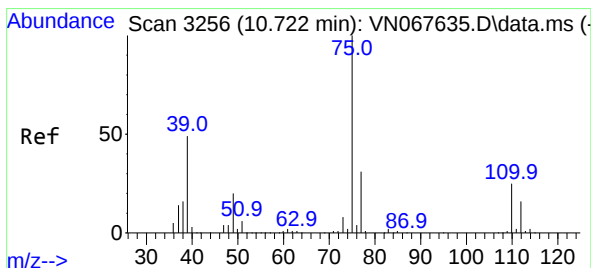
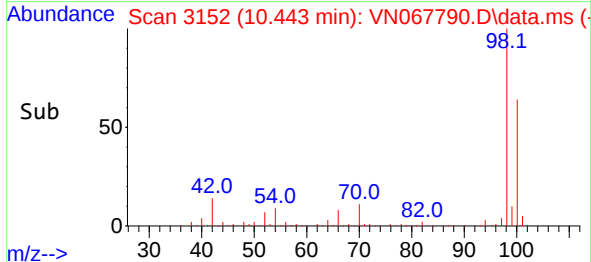
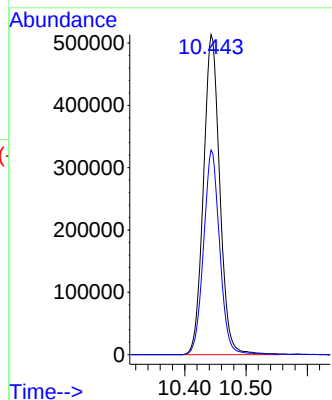
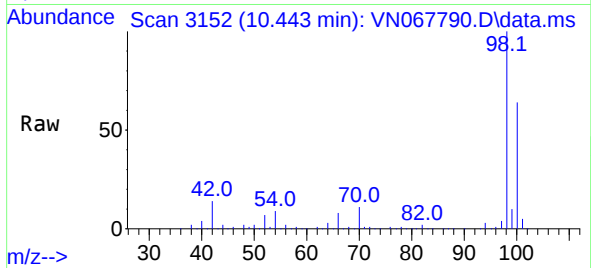




#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

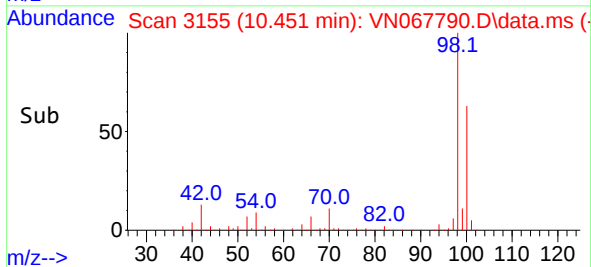
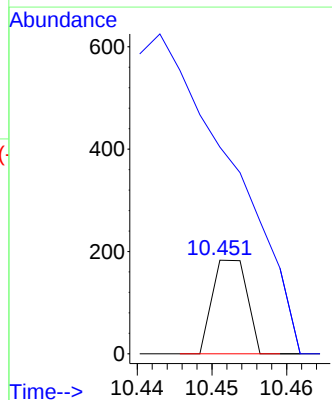
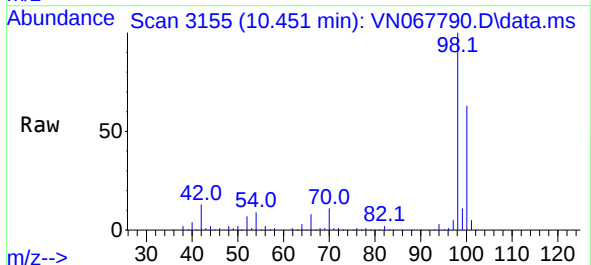
Instrument :
MSVOA_N
ClientSampled :

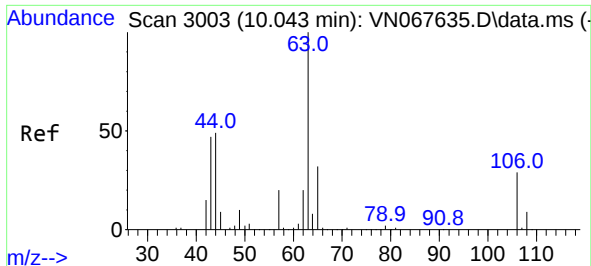
Tgt Ion: 98 Resp: 951432
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.751 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.271 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 129.5 25.1 37.7#

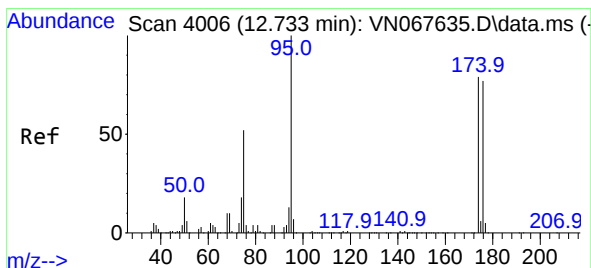
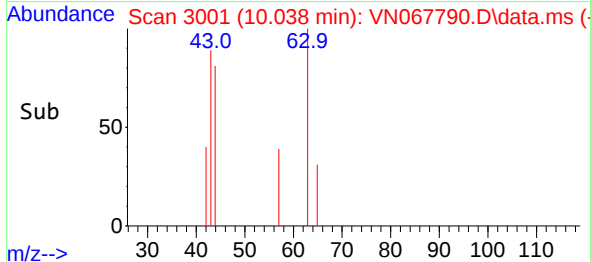
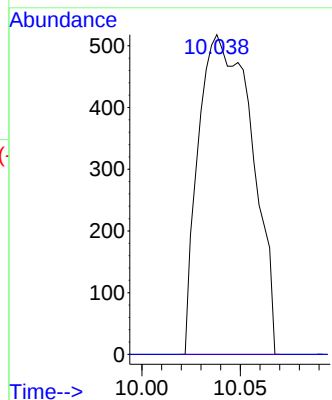
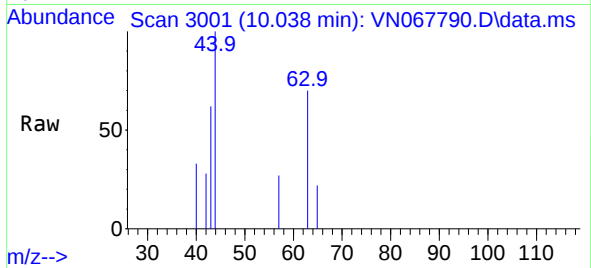




#58
2-Chloroethyl Vinyl ether
Concen: 17.448 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.005 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

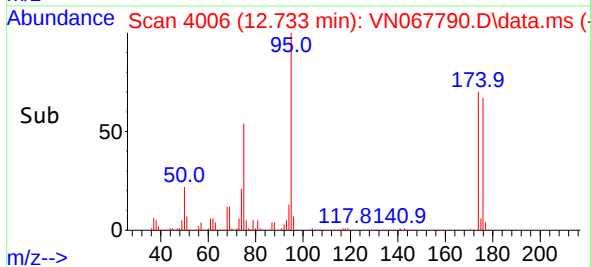
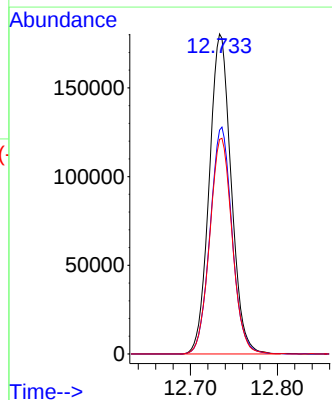
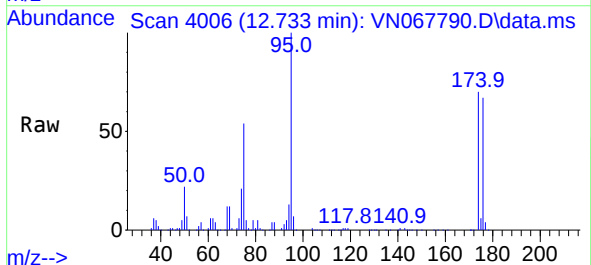
Instrument :
MSVOA_N
ClientSampleId :

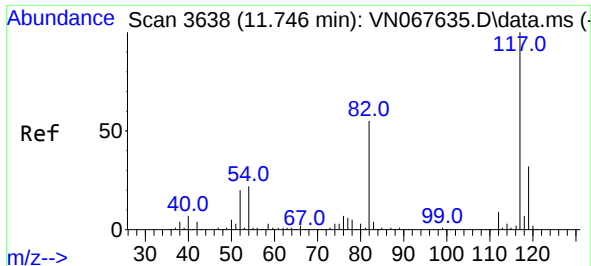
Tgt Ion: 63 Resp: 976
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 48.463 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 95 Resp: 315999
Ion Ratio Lower Upper
95 100
174 71.1 0.0 122.0
176 68.9 0.0 117.6

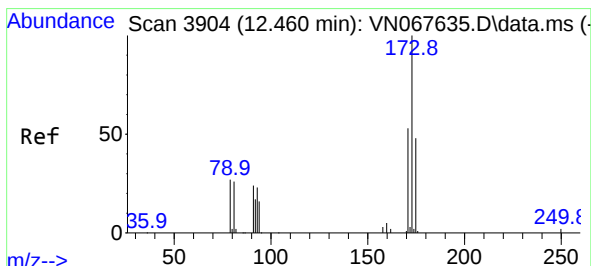
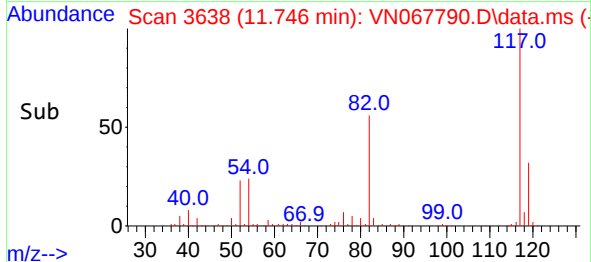
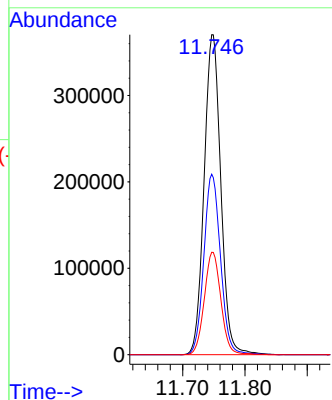
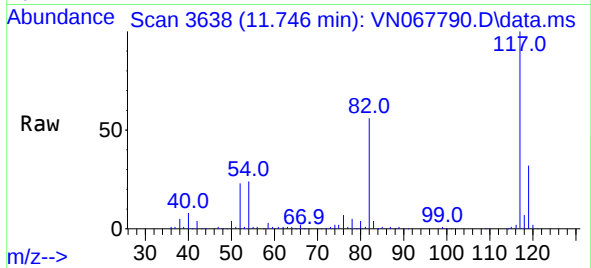




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

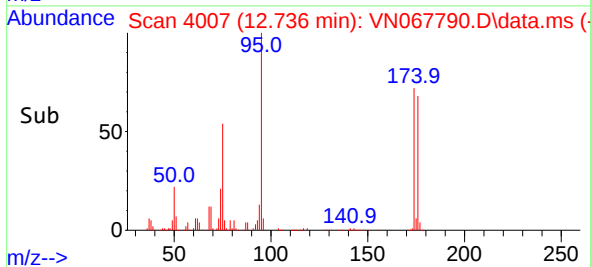
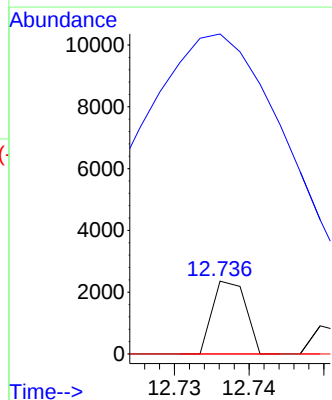
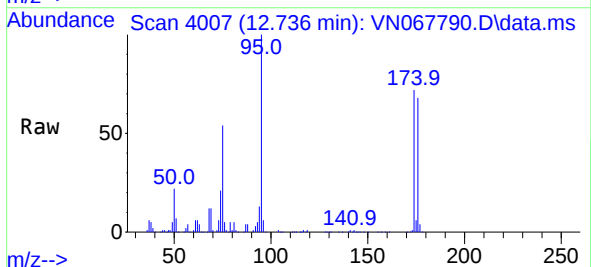
Instrument :
MSVOA_N
ClientSampled :

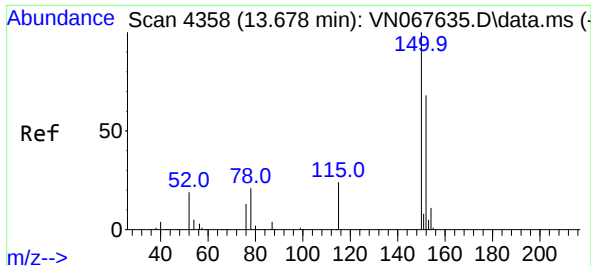
Tgt Ion:117 Resp: 689854
Ion Ratio Lower Upper
117 100
82 56.4 53.1 79.7
119 32.0 25.5 38.3



#71
Bromoform
Concen: 3.331 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion:173 Resp: 731
Ion Ratio Lower Upper
173 100
175 2234.1 23.9 71.8#
254 0.0 0.0 0.0

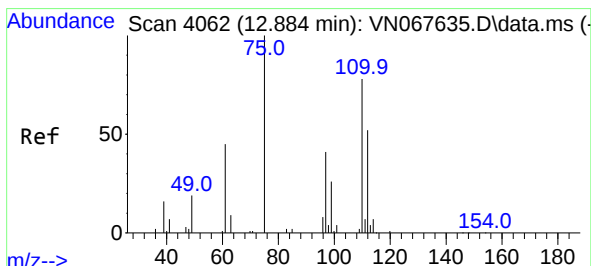
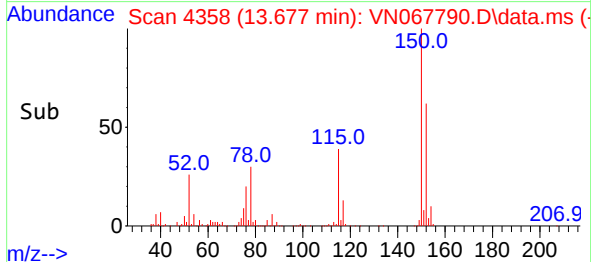
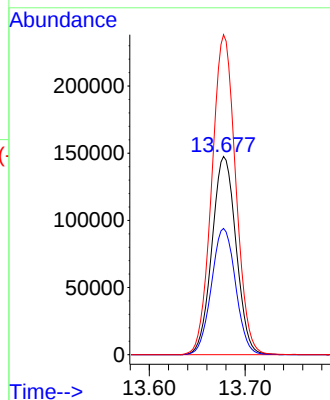
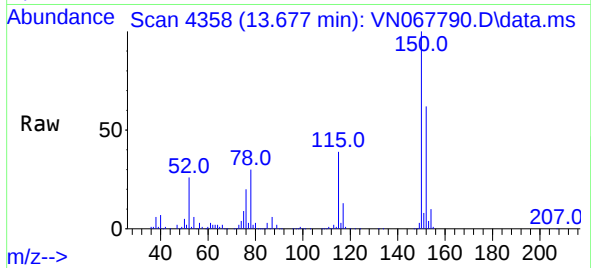




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

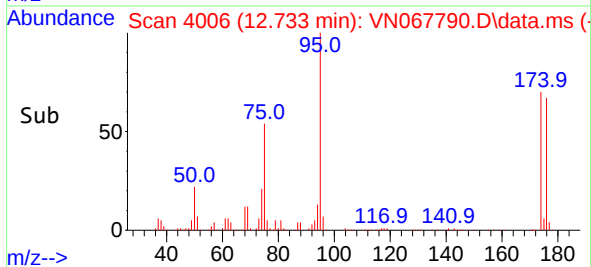
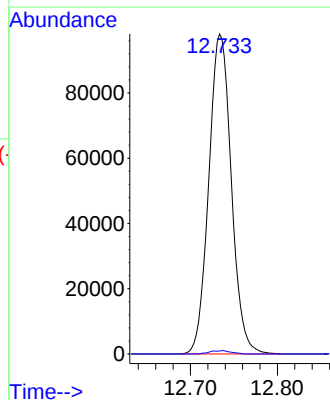
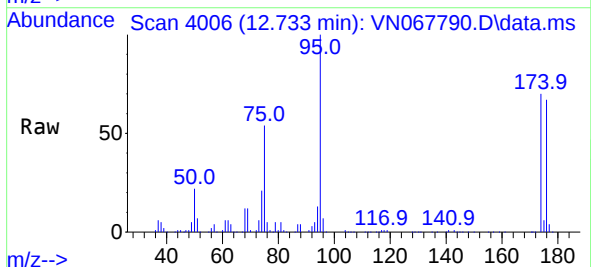
Instrument :
MSVOA_N
ClientSampled :

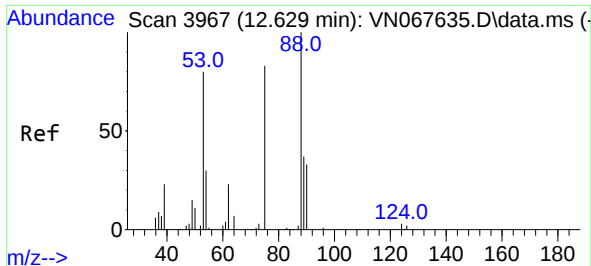
Tgt Ion:152 Resp: 257917
Ion Ratio Lower Upper
152 100
115 63.8 36.1 108.5
150 159.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.529 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion: 75 Resp: 176600
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

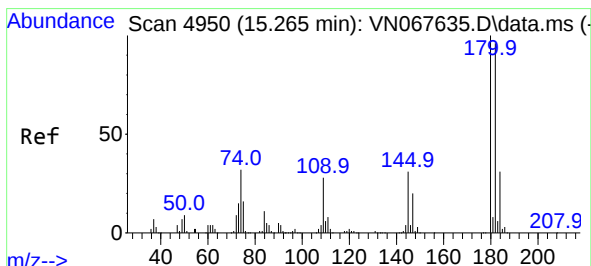
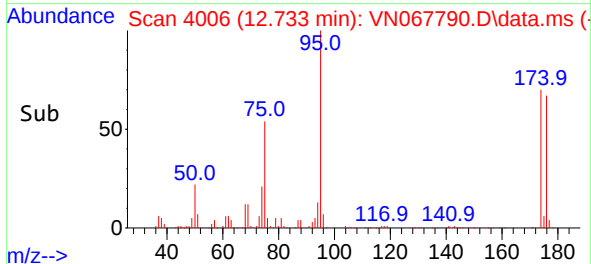
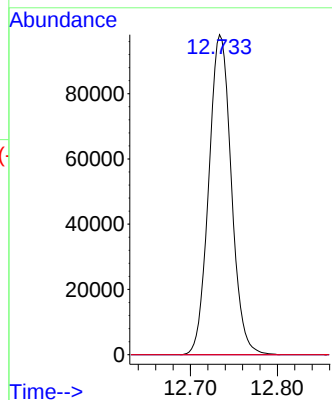
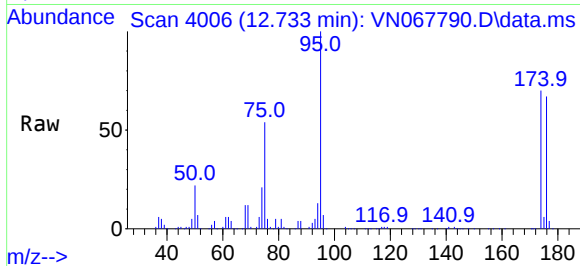




#81
trans-1,4-Dichloro-2-butene
Concen: 108.100 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

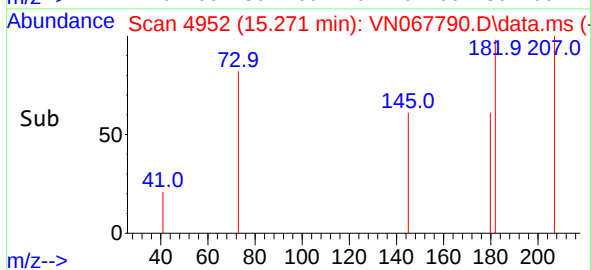
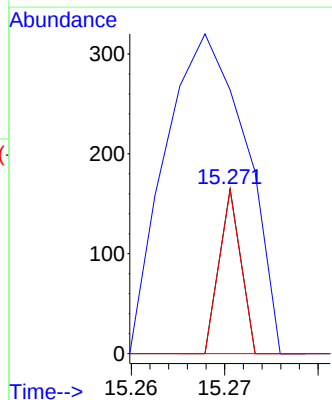
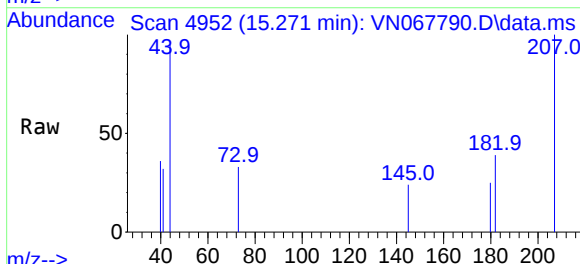
Instrument :
MSVOA_N
ClientSampled :

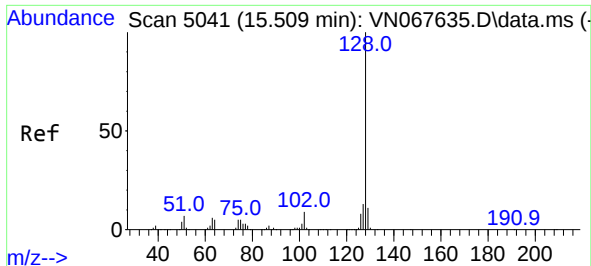
Tgt Ion: 75 Resp: 176600
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.680 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion:180 Resp: 27
Ion Ratio Lower Upper
180 100
182 711.1 47.5 142.5#
145 96.3 17.2 51.6#

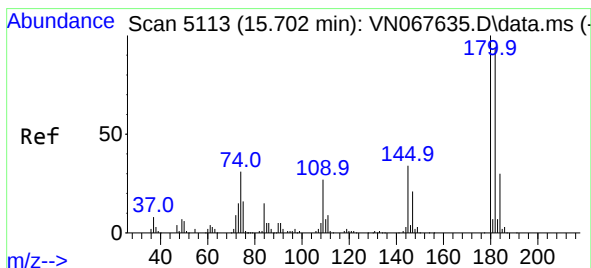
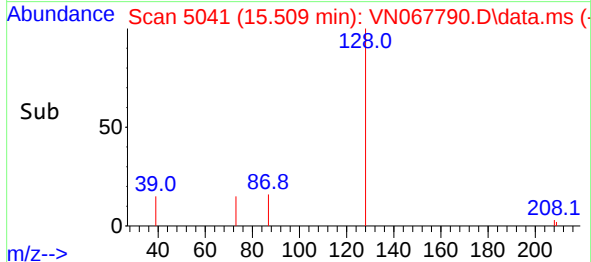
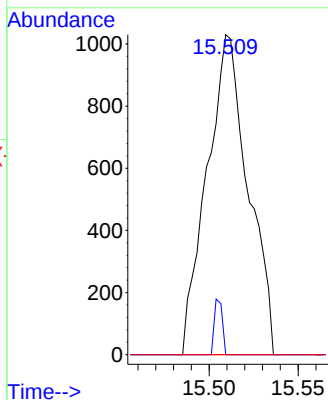
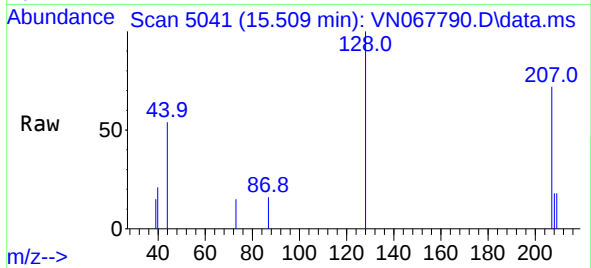




#95
Naphthalene
Concen: 3.135 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128	Resp:	1654
Ion Ratio	Lower	Upper
128	100	
127	3.3	10.6 15.8#
129	0.0	8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.658 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.008 min
Lab File: VN067790.D
Acq: 19 Jul 2021 13:50

Tgt Ion:180	Resp:	111
Ion Ratio	Lower	Upper
180	100	
182	275.7	47.8 143.3#
145	0.0	18.2 54.6#

