

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069506.D
 Acq On : 16 Nov 2021 14:07
 Operator : JC/MD
 Sample : VN1116WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 16:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

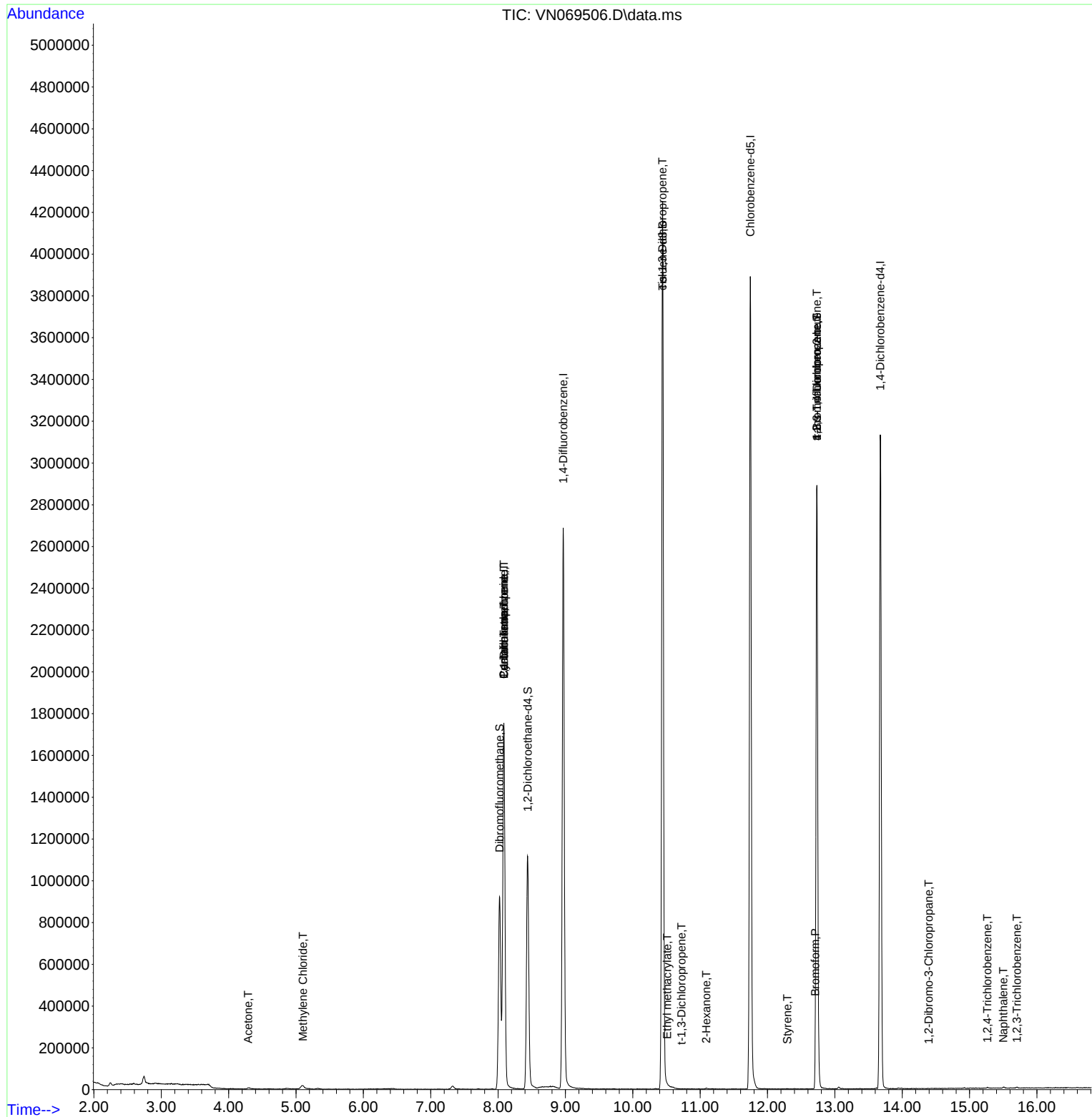
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1284637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2283327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2234986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	833427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	965165	51.817	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.640%	
35) Dibromofluoromethane	8.021	113	671479	49.033	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.060%	
50) Toluene-d8	10.443	98	2882632	53.521	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.733	95	1004211	50.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.500%	
Target Compounds						Qvalue
13) Acrolein	4.047	56	306	Below Cal	#	14
16) Acetone	4.291	43	2762	0.275	ug/l	97
20) Methylene Chloride	5.103	84	11478	0.805	ug/l	88
31) Cyclohexane	8.086	56	34121	1.341	ug/l	# 36
36) 1,1-Dichloropropene	8.086	75	111722	5.815	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	136918	7.381	ug/l	# 16
53) t-1,3-Dichloropropene	10.725	75	26	2.638	ug/l	# 48
54) cis-1,3-Dichloropropene	10.440	75	810	1.763	ug/l	# 1
56) Ethyl methacrylate	10.510	69	88	2.056	ug/l	# 1
59) 2-Hexanone	11.092	43	4078	8.115	ug/l	# 38
70) Styrene	12.294	104	573	1.531	ug/l	# 46
71) Bromoform	12.707	173	26	3.430	ug/l	# 29
76) 1,2,3-Trichloropropane	12.733	75	565504	29.402	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.733	75	565504	83.177	ug/l	# 5
92) 1,2-Dibromo-3-Chloropr...	14.394	75	24	1.802	ug/l	# 1
93) 1,2,4-Trichlorobenzene	15.265	180	1311	3.207	ug/l	# 54
95) Naphthalene	15.501	128	2652	4.516	ug/l	# 75
96) 1,2,3-Trichlorobenzene	15.702	180	1062	3.249	ug/l	88

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

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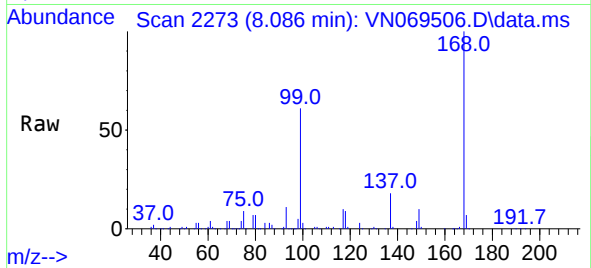
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration



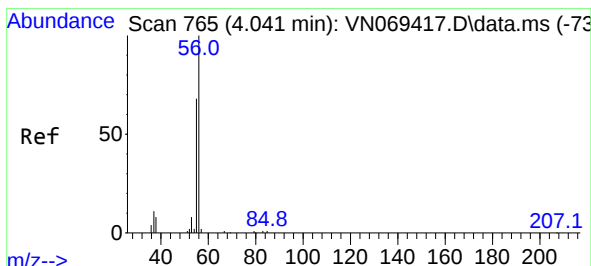
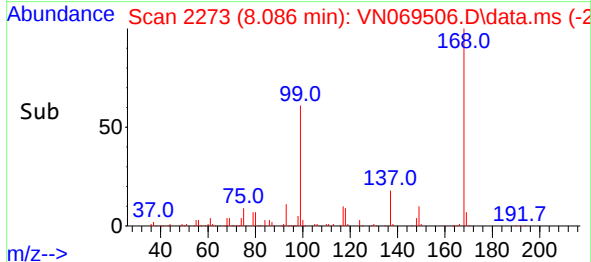
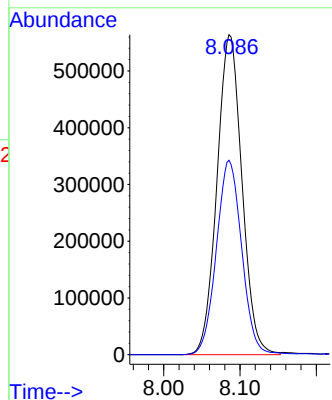


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :

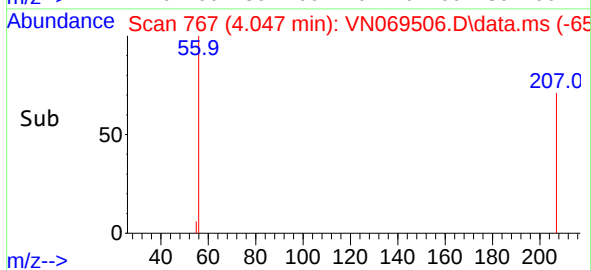
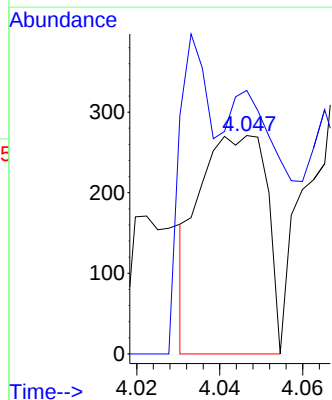
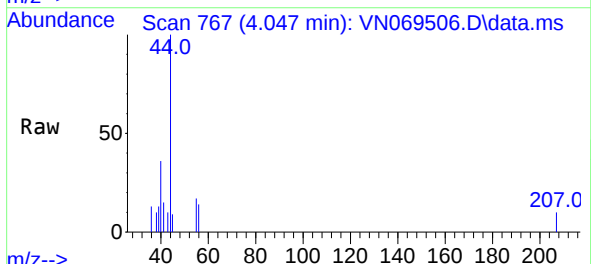


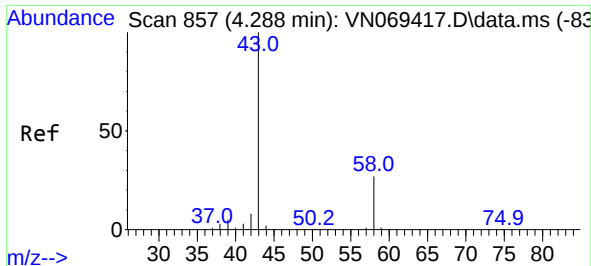
Tgt Ion:168 Resp: 1284637
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion: 56 Resp: 306
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

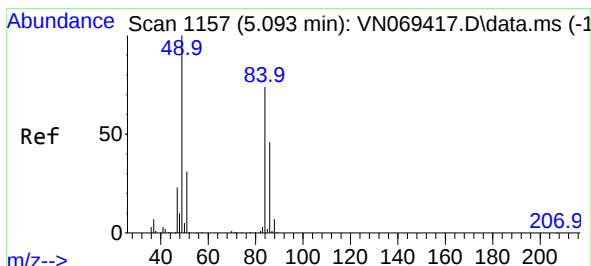
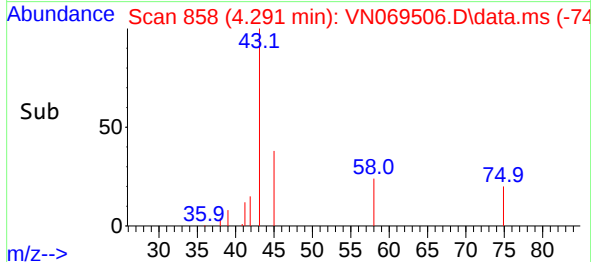
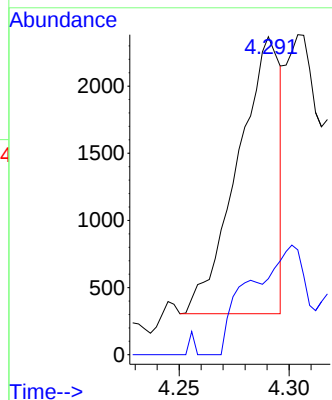
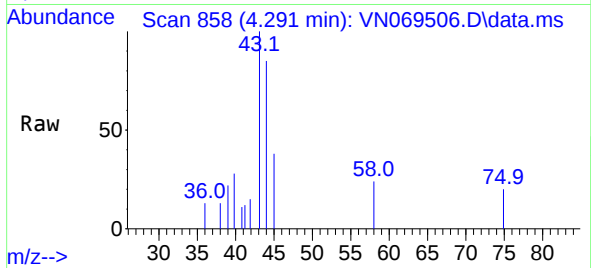




#16
Acetone
Concen: 0.275 ug/l
RT: 4.291 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

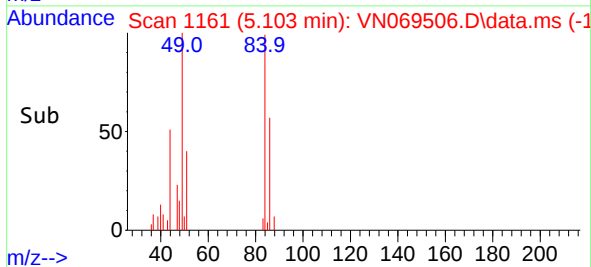
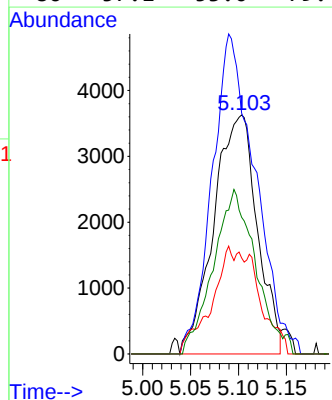
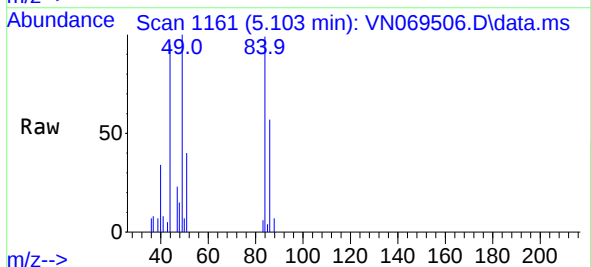
Instrument :
MSVOA_N
ClientSampleId :

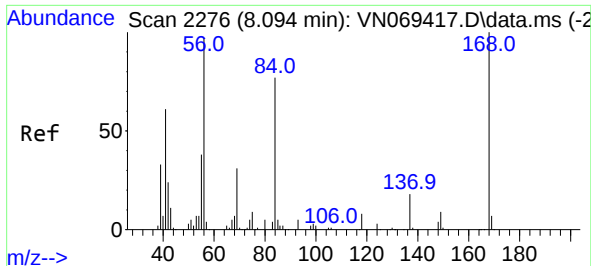
Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7



#20
Methylene Chloride
Concen: 0.805 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

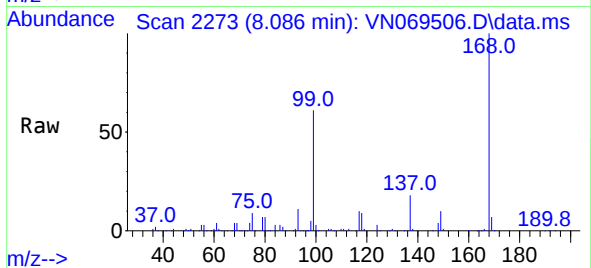
Tgt Ion: 84 Resp: 11478
Ion Ratio Lower Upper
84 100
49 100.7 93.5 140.3
51 40.1 29.4 44.2
86 57.1 53.0 79.4



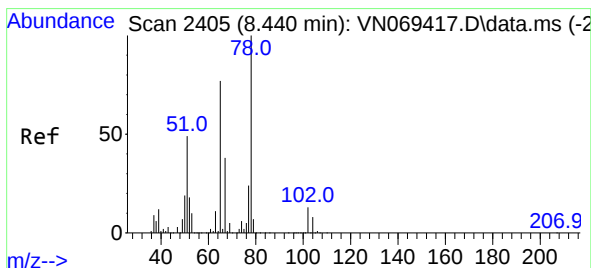
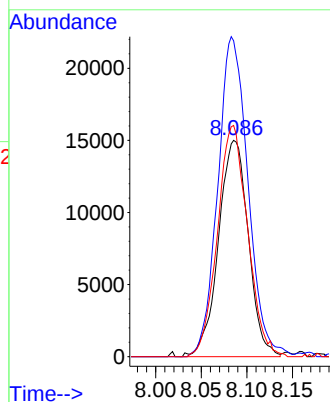
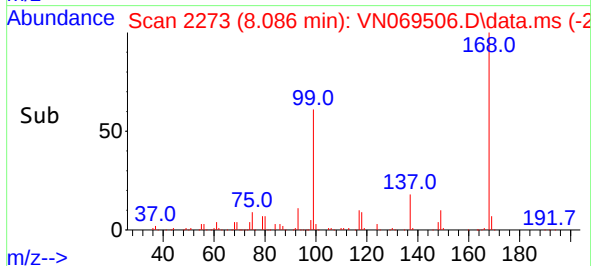


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :

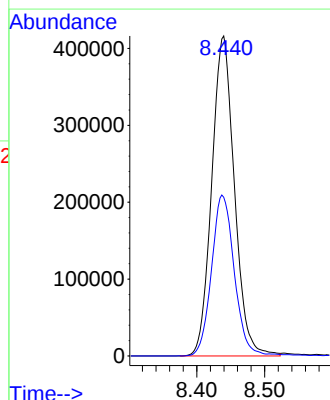
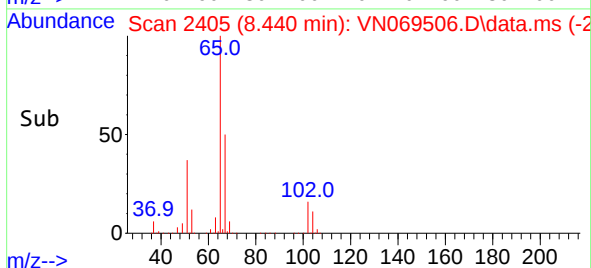
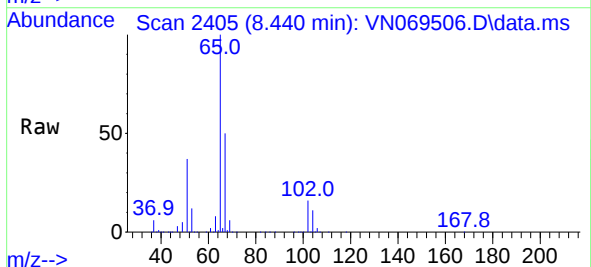


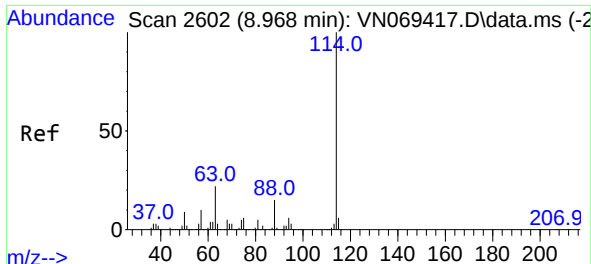
Tgt Ion: 56 Resp: 34121
Ion Ratio Lower Upper
56 100
69 146.0 27.1 40.7#
84 106.9 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 51.817 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

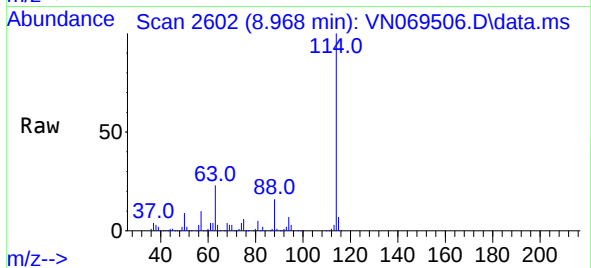
Tgt Ion: 65 Resp: 965165
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





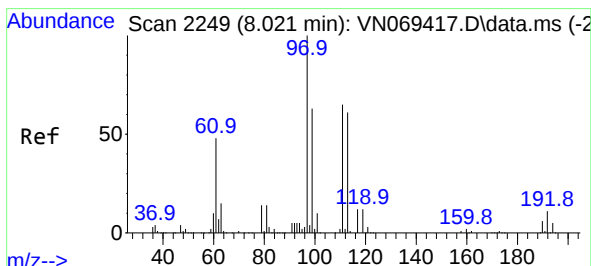
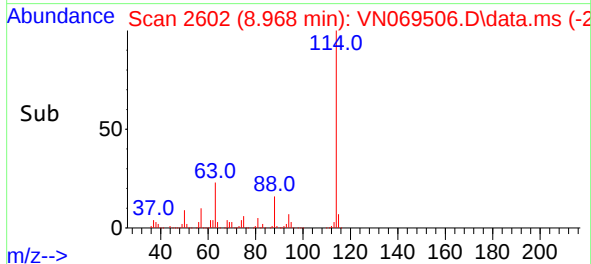
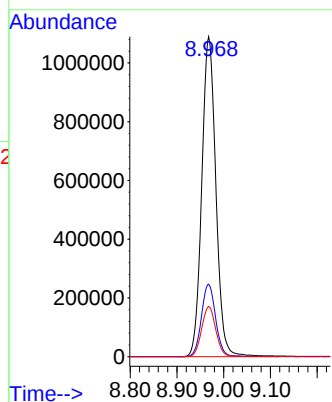
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2283327

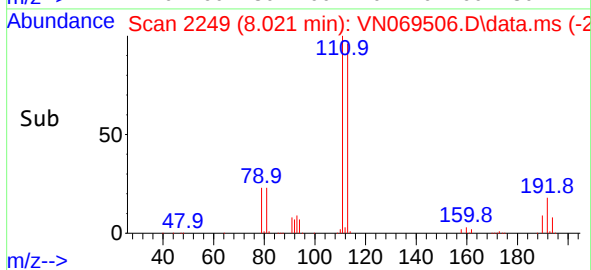
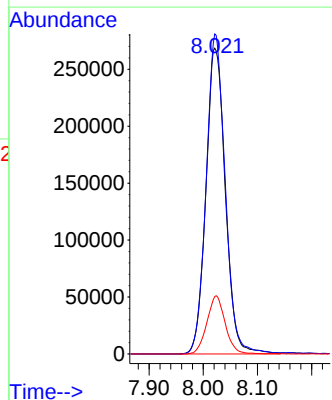
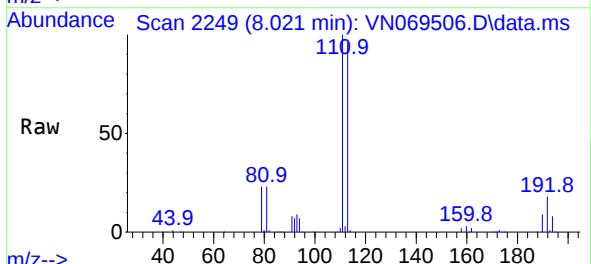
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	37.8
88	15.7	0.0	27.4

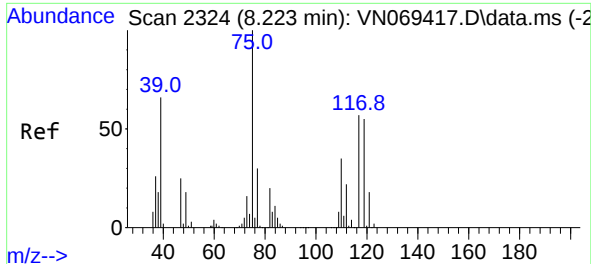


#35
Dibromofluoromethane
Concen: 49.033 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion:113 Resp: 671479

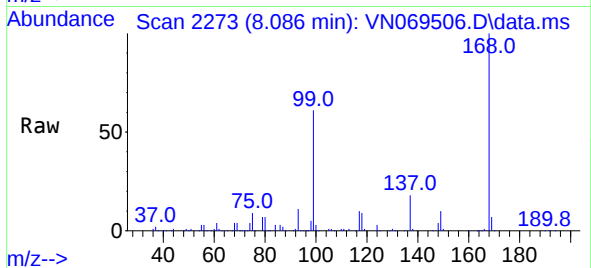
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	17.9	16.9	25.3



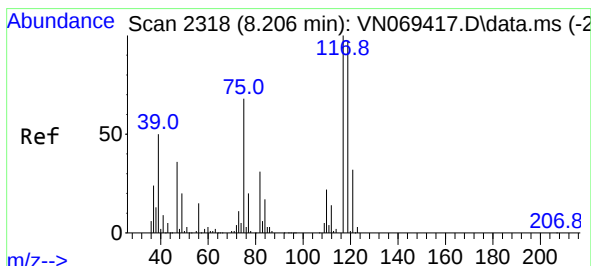
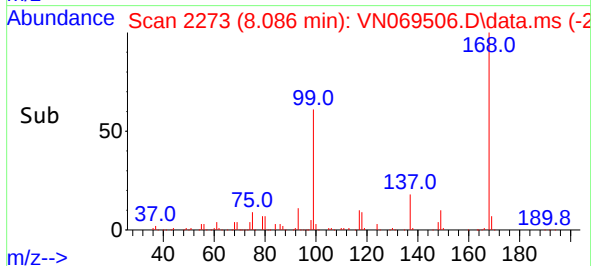
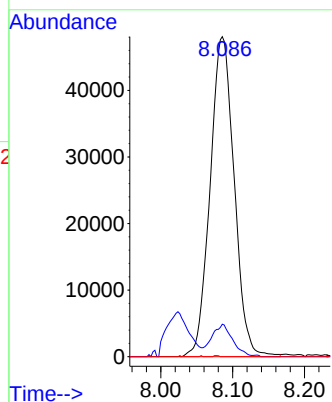


#36
1,1-Dichloropropene
Concen: 5.815 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :

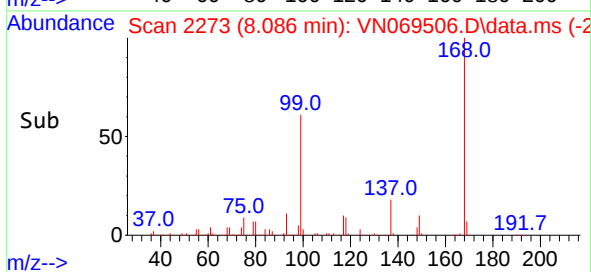
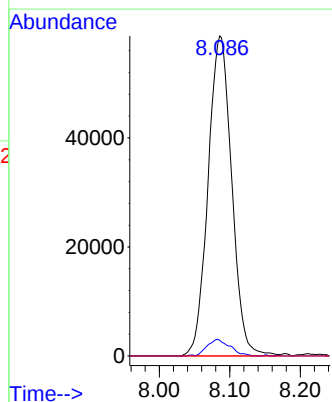
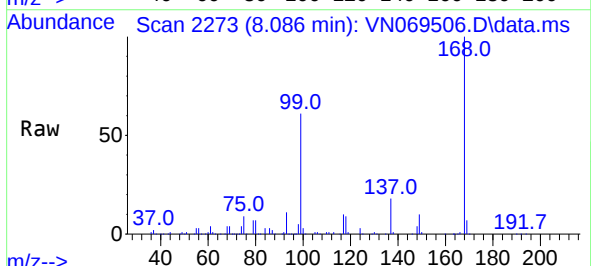


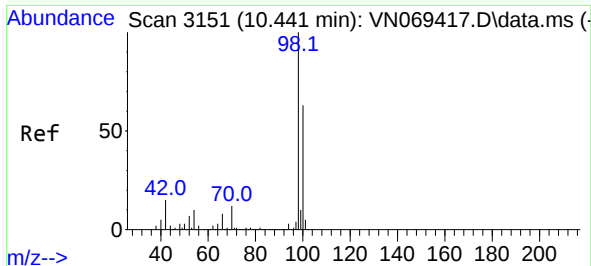
Tgt Ion: 75 Resp: 111722
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.381 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion: 117 Resp: 136918
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#

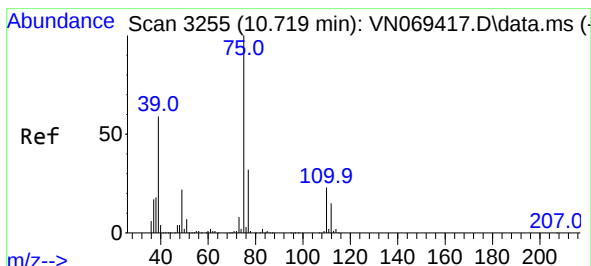
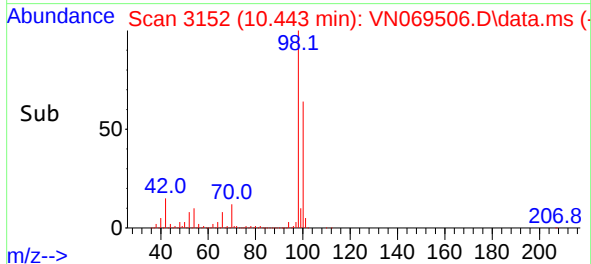
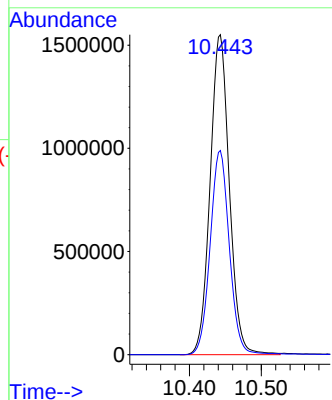
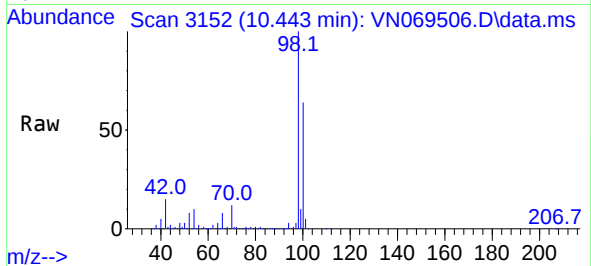




#50
Toluene-d8
Concen: 53.521 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

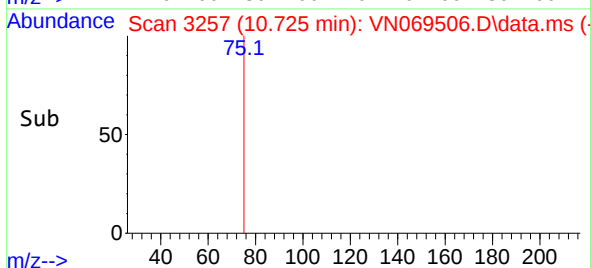
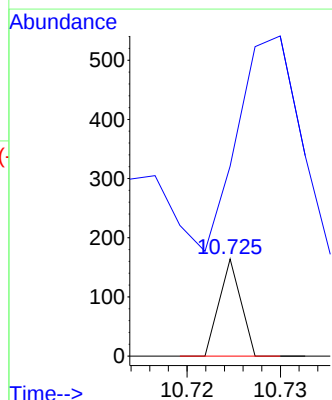
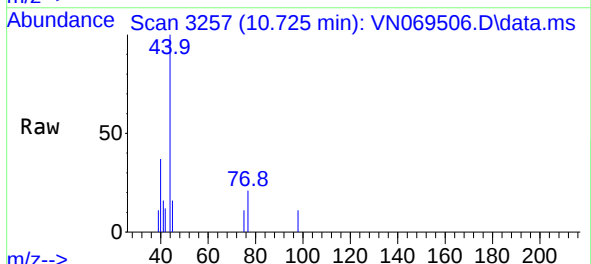
Instrument :
MSVOA_N
ClientSampleId :

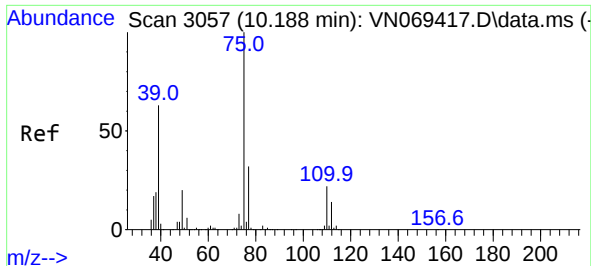
Tgt Ion: 98 Resp: 2882632
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.638 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

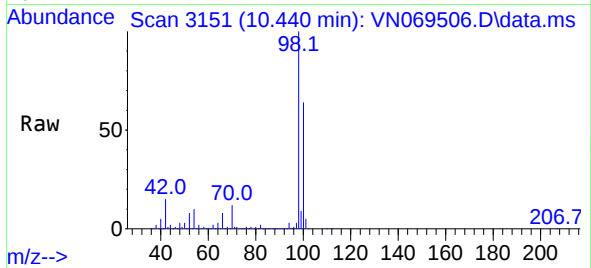
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 61.0 25.6 38.4#



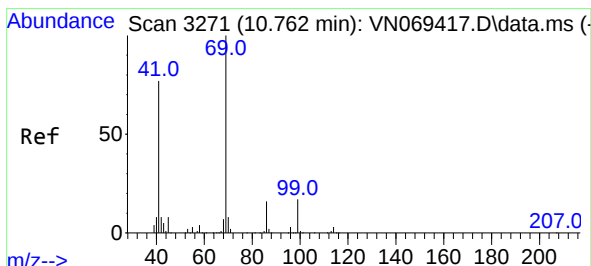
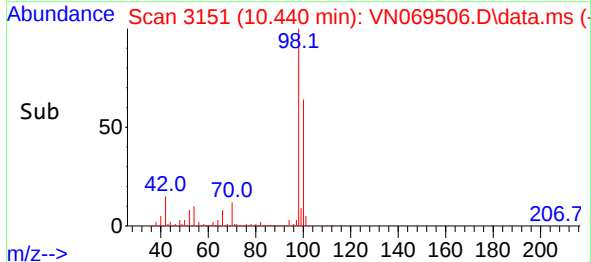
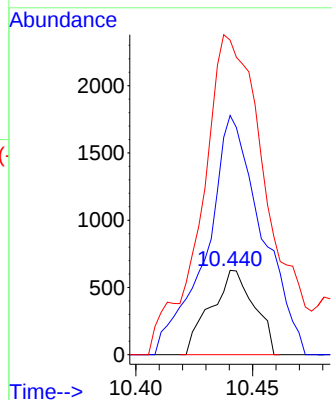


#54
cis-1,3-Dichloropropene
Concen: 1.763 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.252 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :

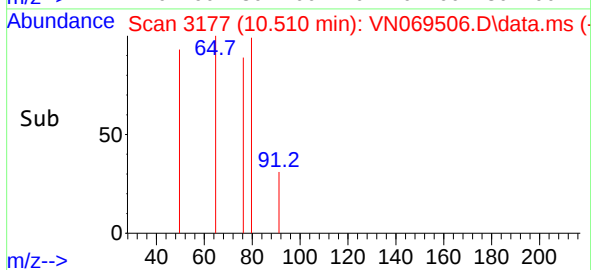
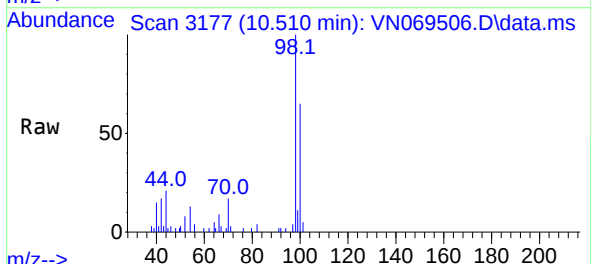
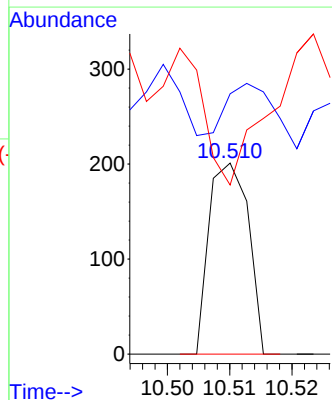


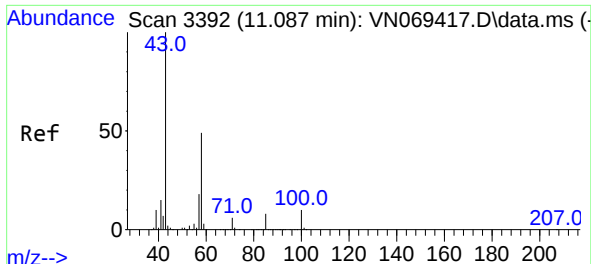
Tgt Ion: 75 Resp: 810
Ion Ratio Lower Upper
75 100
77 227.0 26.4 39.6#
39 312.4 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.056 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.252 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion: 69 Resp: 88
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 134.1 34.6 52.0#

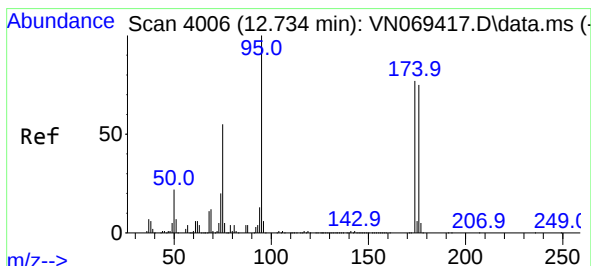
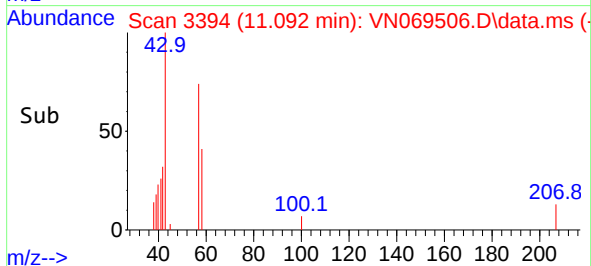
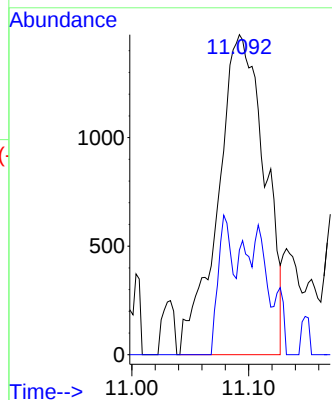
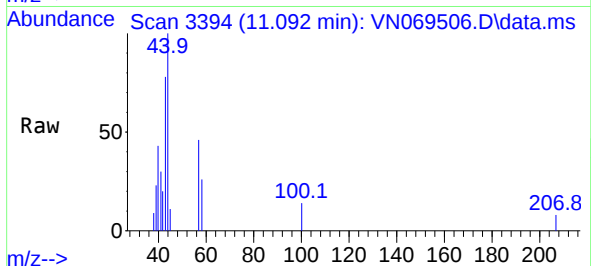




#59
2-Hexanone
Concen: 8.115 ug/l
RT: 11.092 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

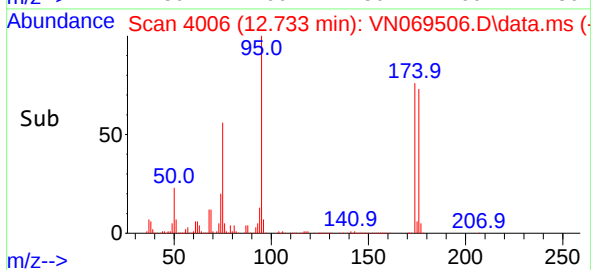
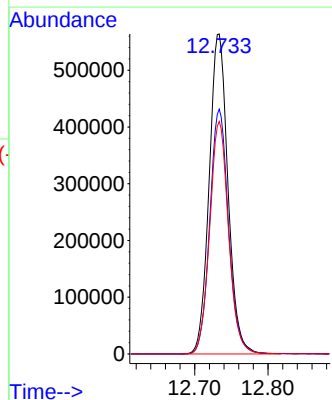
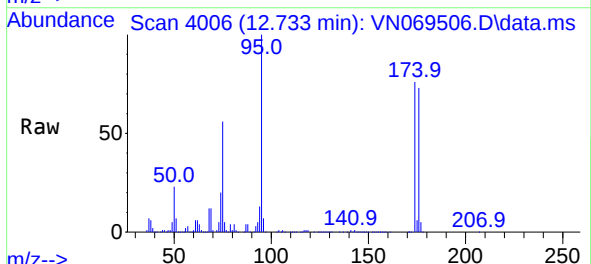
Instrument :
MSVOA_N
ClientSampleId :

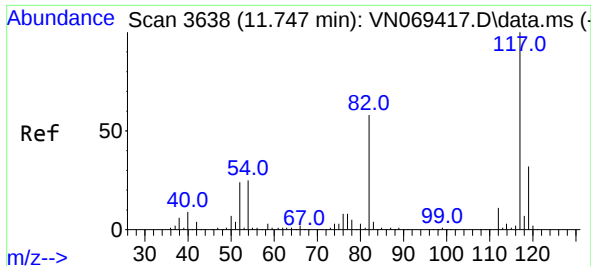
Tgt Ion: 43 Resp: 4078
Ion Ratio Lower Upper
43 100
58 9.2 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 50.753 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion: 95 Resp: 1004211
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 72.7 0.0 181.4

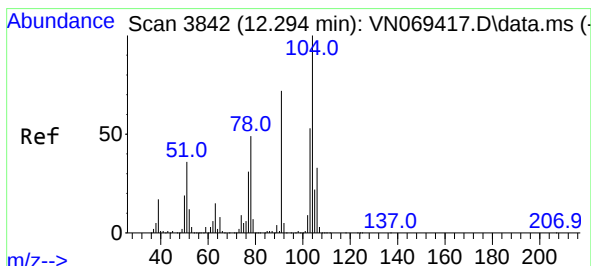
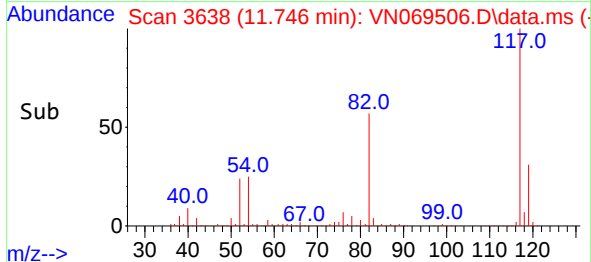
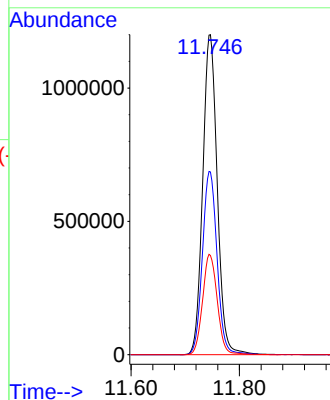
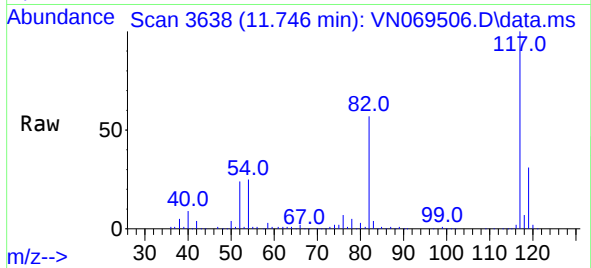




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

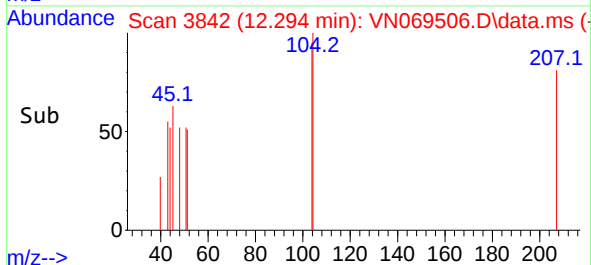
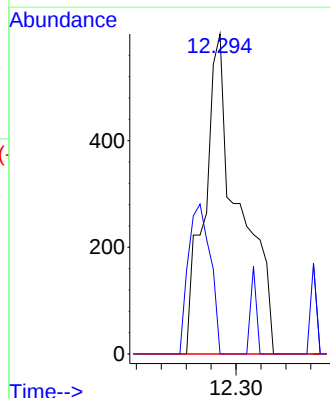
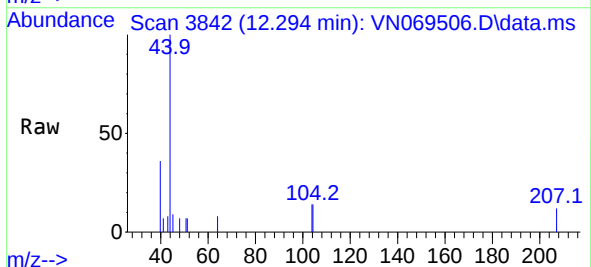
Instrument :
MSVOA_N
ClientSampleId :

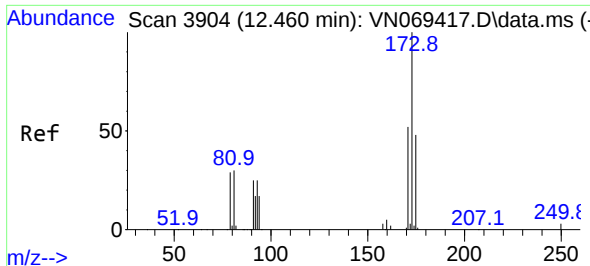
Tgt Ion:117 Resp: 2234986
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 31.0 25.4 38.2



#70
Styrene
Concen: 1.531 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion:104 Resp: 573
Ion Ratio Lower Upper
104 100
78 30.0 38.7 58.1#
103 0.0 45.0 67.6#

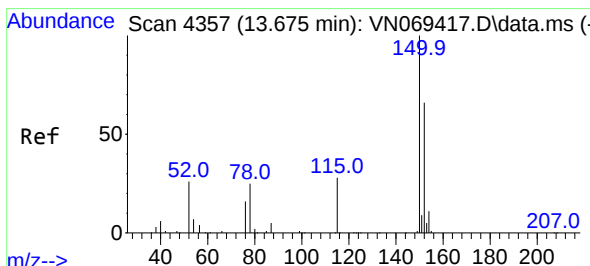
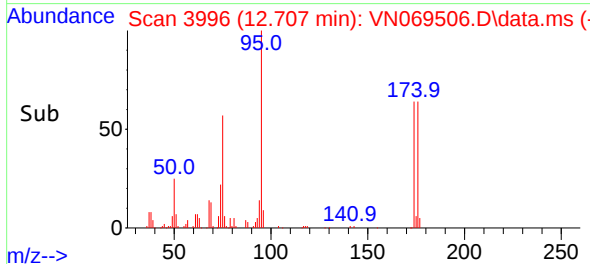
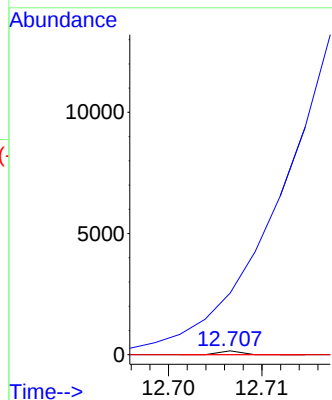
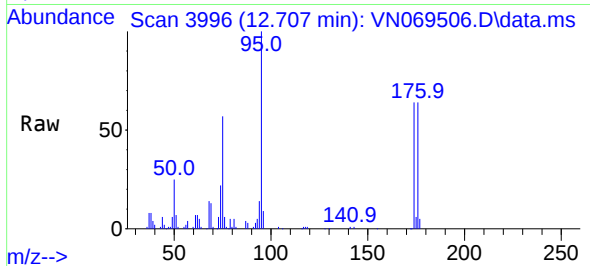




#71
Bromoform
Concen: 3.430 ug/l
RT: 12.707 min Scan# 3904
Delta R.T. 0.247 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

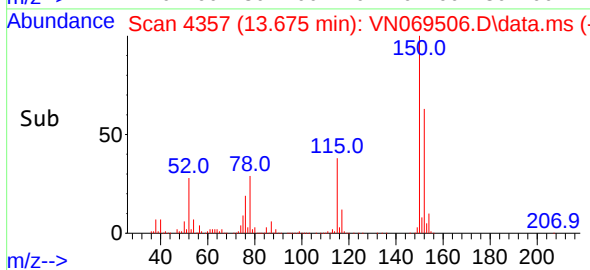
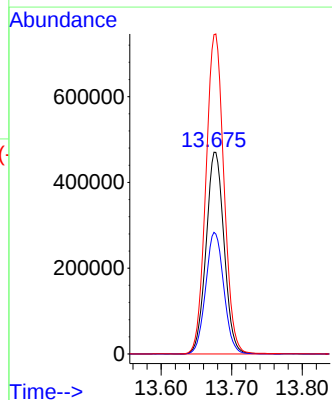
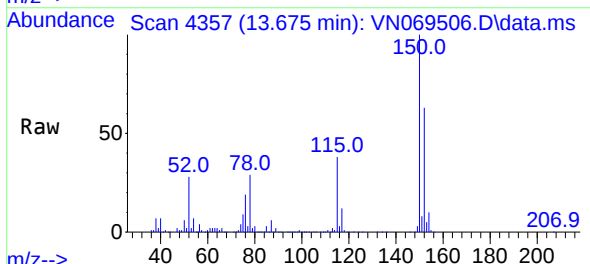
Instrument :
MSVOA_N
ClientSampleId :

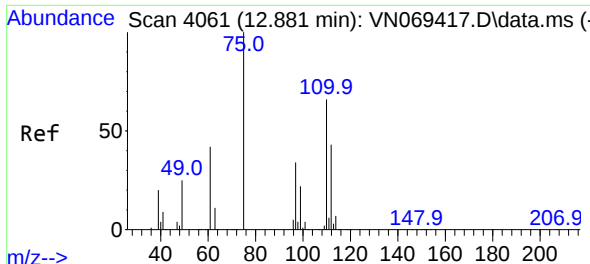
Tgt Ion:173 Resp: 26
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion:152 Resp: 833427
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.8 0.0 344.4

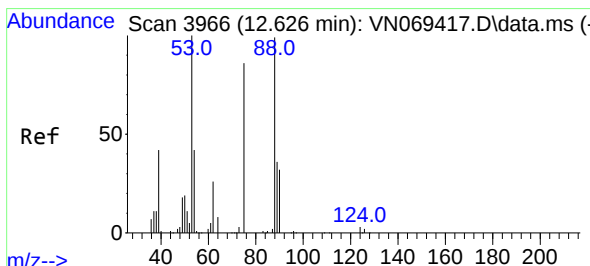
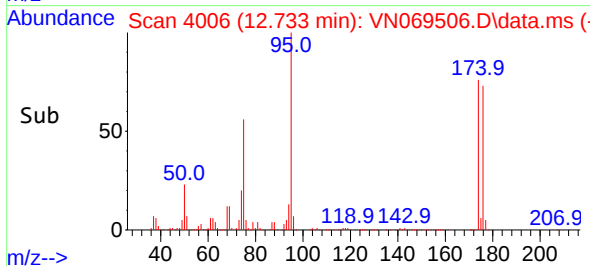
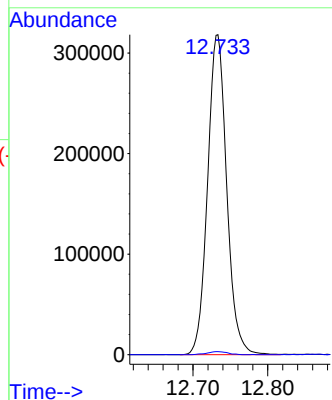
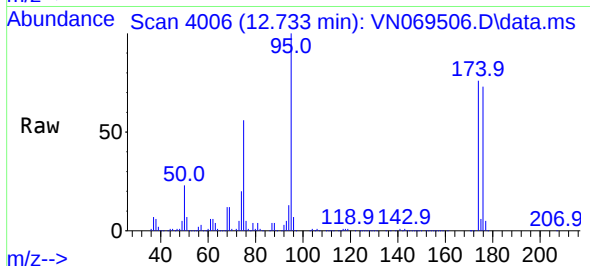




#76
1,2,3-Trichloropropane
Concen: 29.402 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

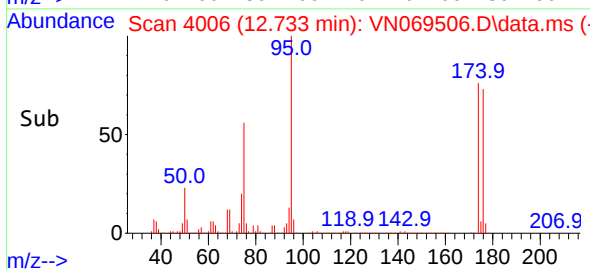
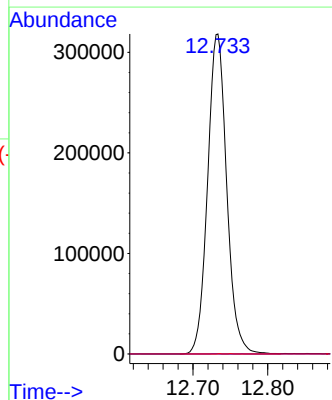
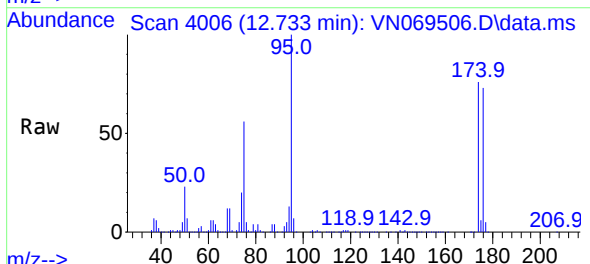
Instrument :
MSVOA_N
ClientSampleId :

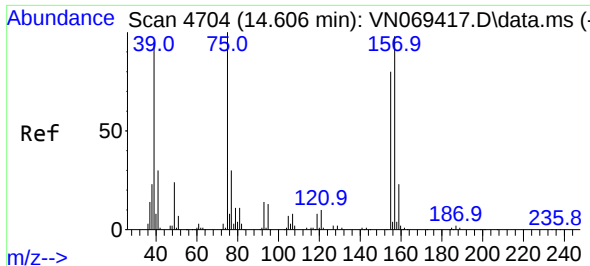
Tgt Ion: 75 Resp: 565504
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.177 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion: 75 Resp: 565504
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

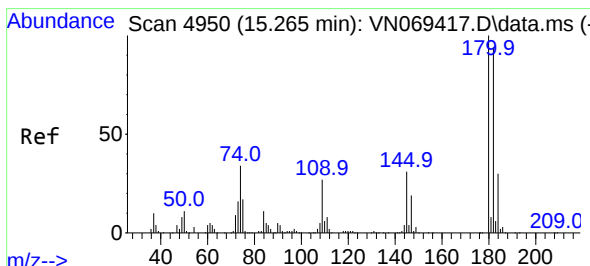
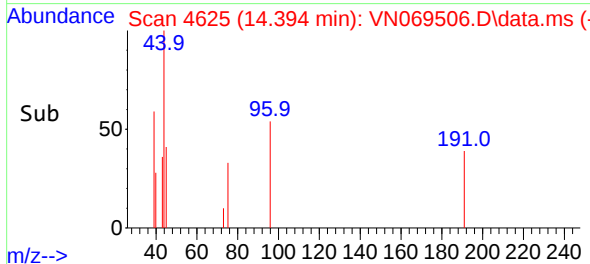
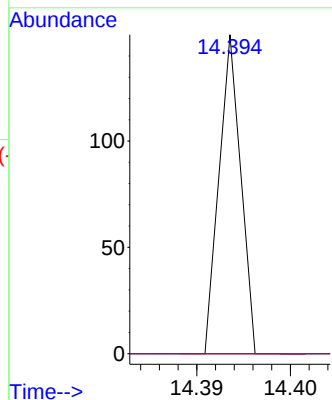
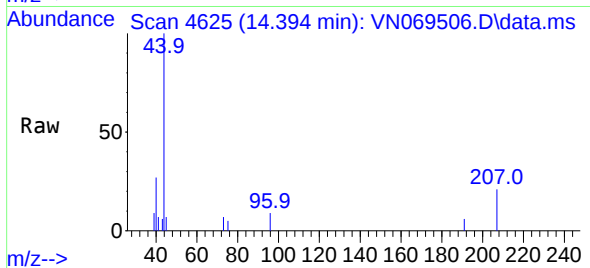




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.802 ug/l
RT: 14.394 min Scan# 4625
Delta R.T. -0.212 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

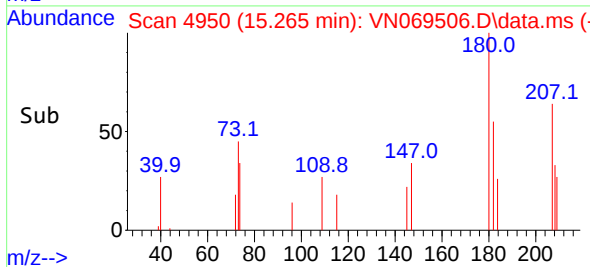
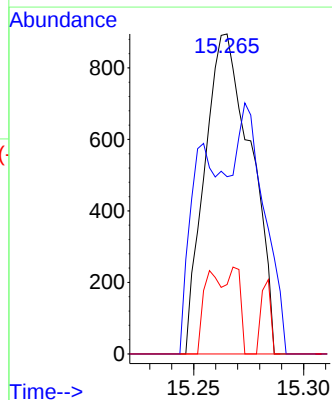
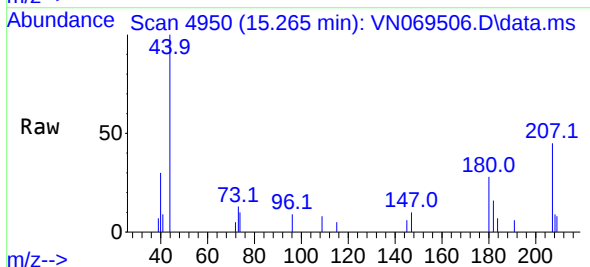
Instrument :
MSVOA_N
ClientSampleId :

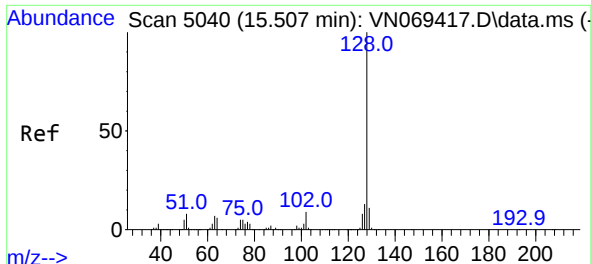
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.207 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion:180 Resp: 1311
Ion Ratio Lower Upper
180 100
182 51.6 48.3 144.9
145 4.7 14.5 43.5#

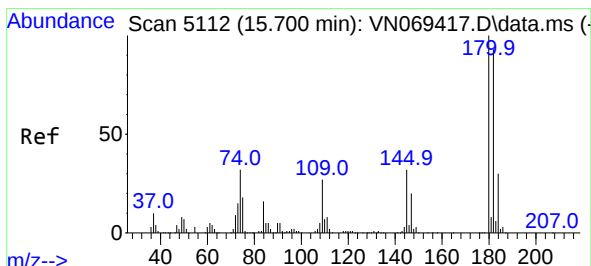
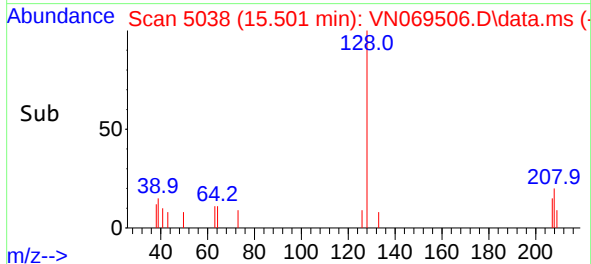
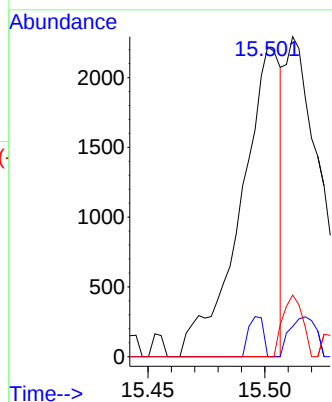
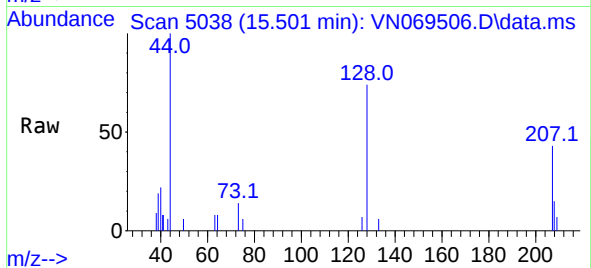




#95
Naphthalene
Concen: 4.516 ug/l
RT: 15.501 min Scan# 5040
Delta R.T. -0.006 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2652
Ion Ratio Lower Upper
128 100
127 4.8 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.249 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069506.D
Acq: 16 Nov 2021 14:07

Tgt Ion:180 Resp: 1062
Ion Ratio Lower Upper
180 100
182 105.1 47.4 142.2
145 20.3 15.0 45.1

