

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070190.D
 Acq On : 18 Dec 2021 3:15
 Operator : JC/MD
 Sample : M5132-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 07:22:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

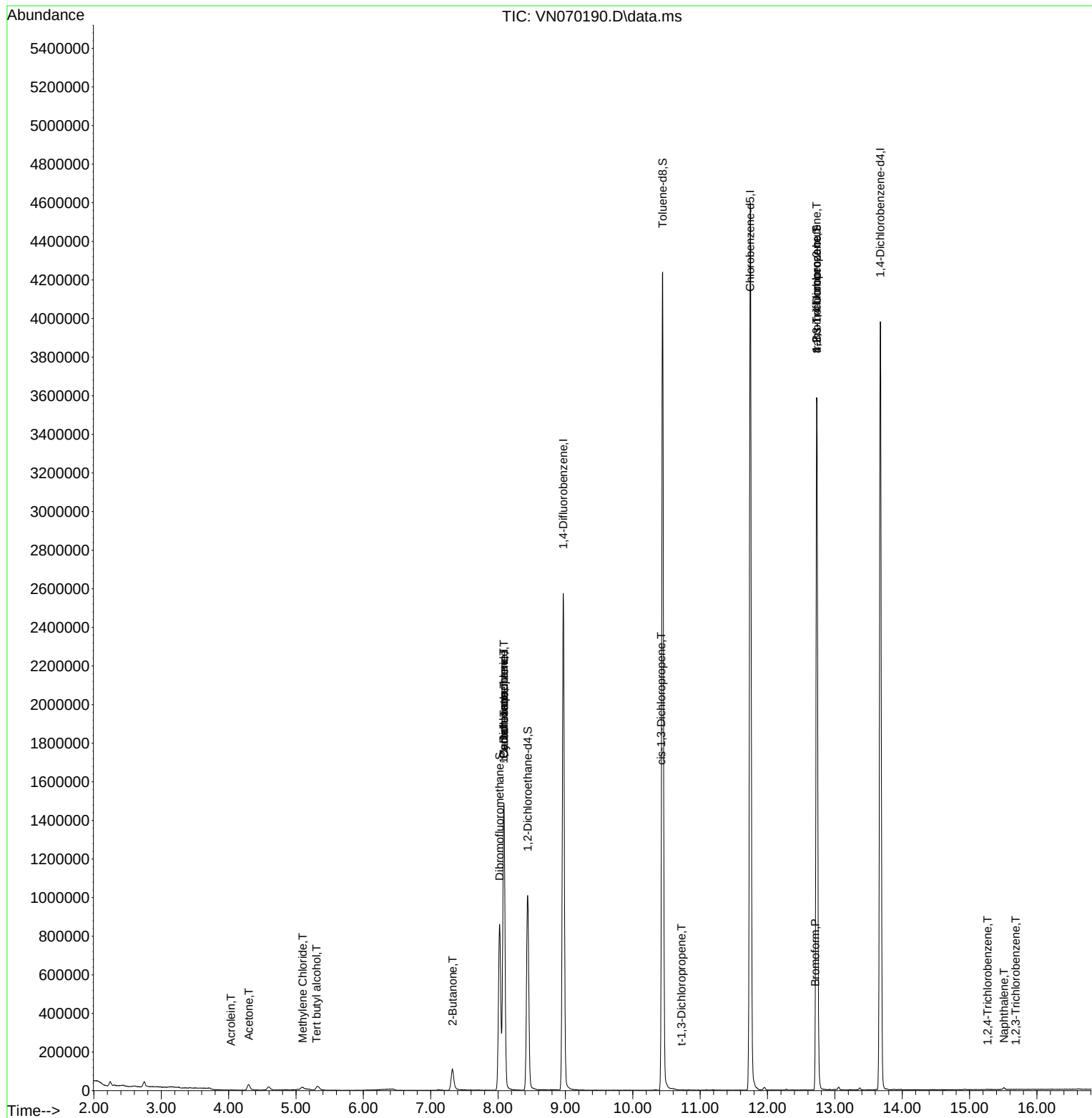
Internal Standards						
1) Pentafluorobenzene	8.086	168	1132033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2156954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2562247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1072749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	889876	50.912	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.820%		
35) Dibromofluoromethane	8.021	113	634735	46.980	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 93.960%		
50) Toluene-d8	10.443	98	2857023	52.664	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.320%		
62) 4-Bromofluorobenzene	12.731	95	1287426	65.506	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 131.020%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.304	59	6957	2.106	ug/l #	72
13) Acrolein	4.036	56	638	0.227	ug/l #	28
16) Acetone	4.299	43	55462	5.275	ug/l	99
20) Methylene Chloride	5.098	84	7491	0.536	ug/l #	91
25) 2-Butanone	7.327	43	8460	0.592	ug/l #	74
31) Cyclohexane	8.086	56	28259	1.162	ug/l #	29
36) 1,1-Dichloropropene	8.083	75	95023	4.628	ug/l #	49
38) Carbon Tetrachloride	8.086	117	115865	5.754	ug/l #	16
53) t-1,3-Dichloropropene	10.722	75	131	2.799	ug/l	95
54) cis-1,3-Dichloropropene	10.424	75	154	2.004	ug/l #	1
71) Bromoform	12.707	173	169	2.741	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	709735	23.070	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	709735	73.435	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	365	2.897	ug/l #	56
95) Naphthalene	15.512	128	9055	4.144	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.686	180	292	2.452	ug/l #	12

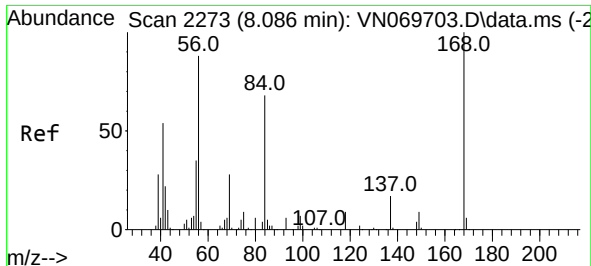
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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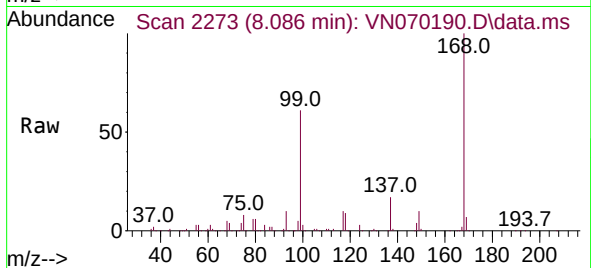
Quant Time: Dec 19 07:22:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



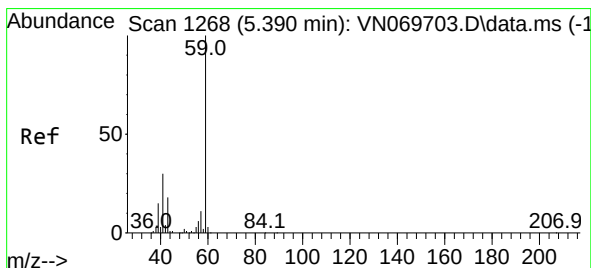
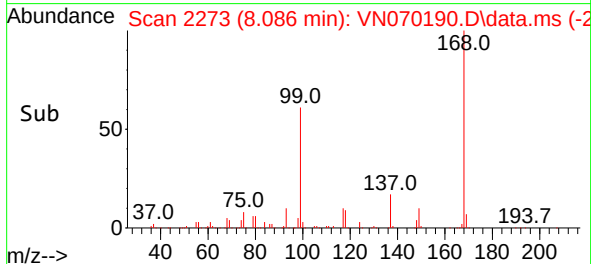
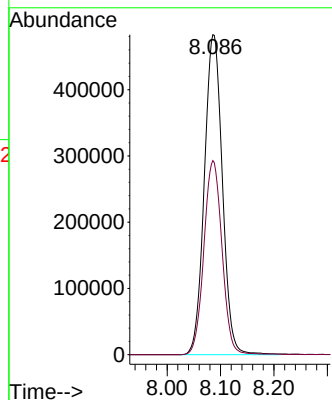


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Instrument :
MSVOA_N
ClientSampleId :

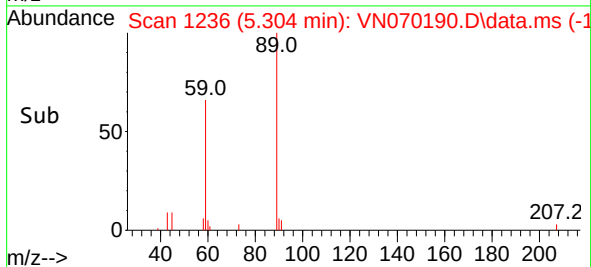
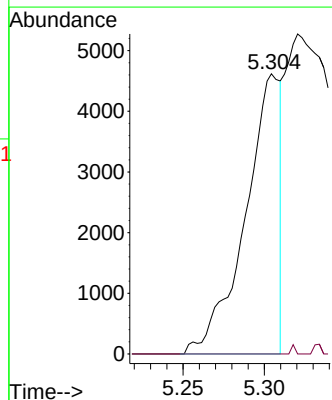
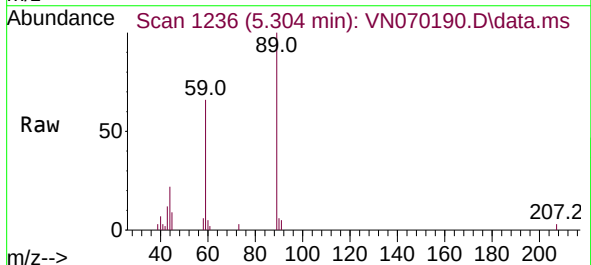


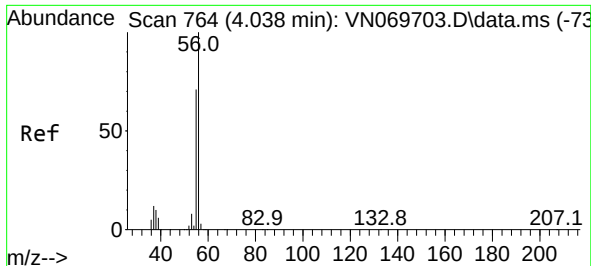
Tgt Ion:168 Resp: 1132033
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.106 ug/l
RT: 5.304 min Scan# 1236
Delta R.T. -0.086 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Tgt Ion: 59 Resp: 6957
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#

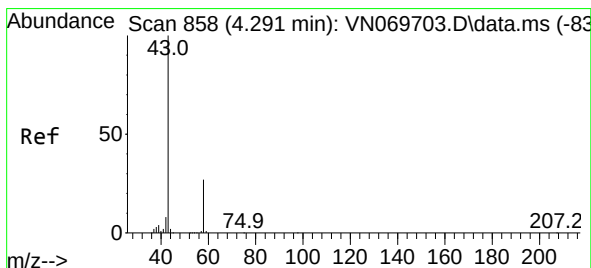
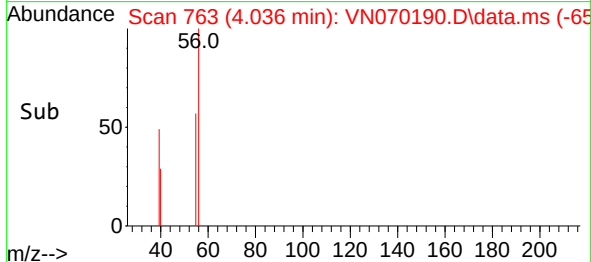
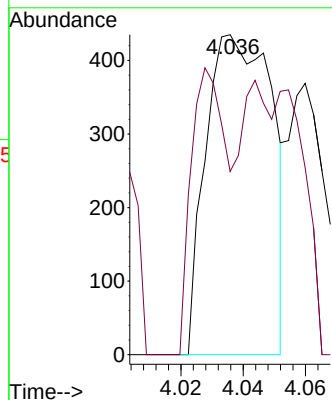
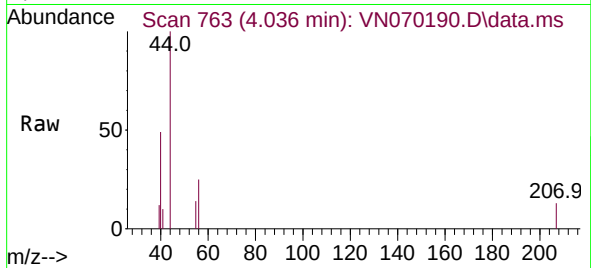




#13
Acrolein
Concen: 0.227 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

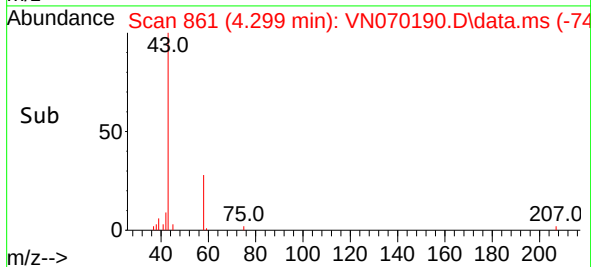
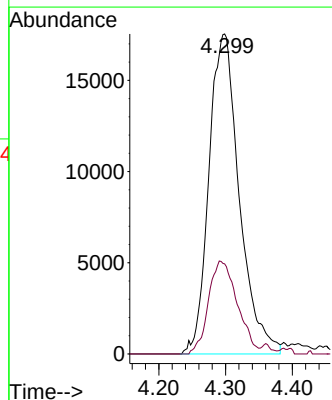
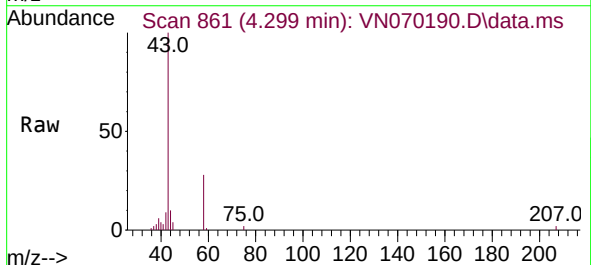
Instrument :
MSVOA_N
ClientSampleId :

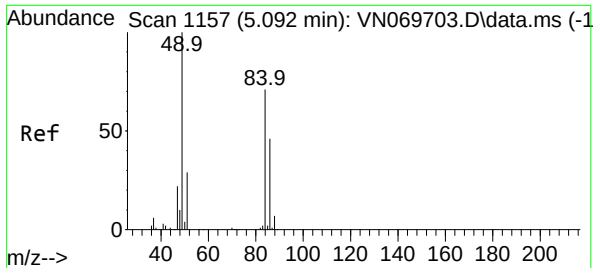
Tgt Ion: 56 Resp: 638
Ion Ratio Lower Upper
56 100
55 11.0 56.6 85.0#



#16
Acetone
Concen: 5.275 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Tgt Ion: 43 Resp: 55462
Ion Ratio Lower Upper
43 100
58 28.2 23.1 34.7





#20

Methylene Chloride

Concen: 0.536 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN070190.D

Acq: 18 Dec 2021 3:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 84 Resp: 7491

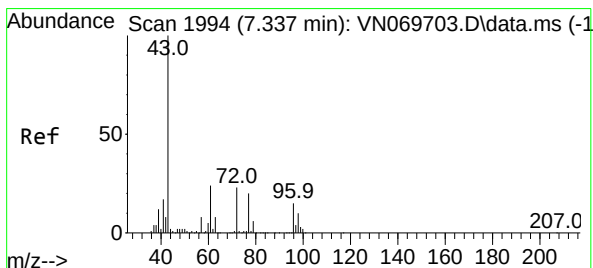
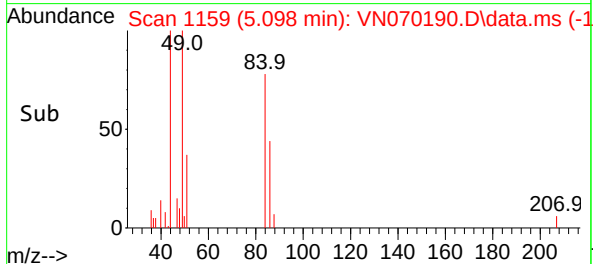
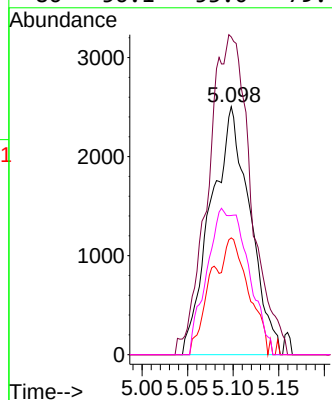
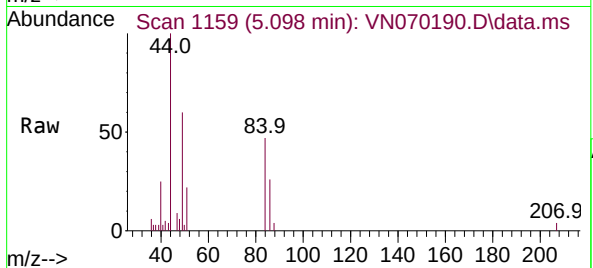
Ion Ratio Lower Upper

84 100

49 121.8 93.5 140.3

51 47.1 29.4 44.2#

86 56.1 53.0 79.4



#25

2-Butanone

Concen: 0.592 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.011 min

Lab File: VN070190.D

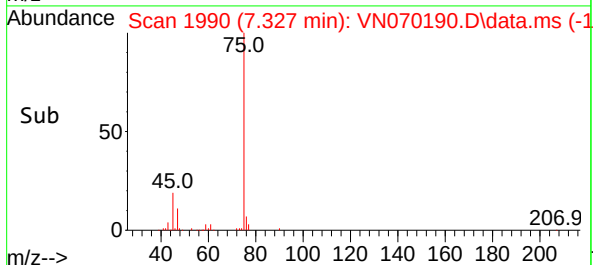
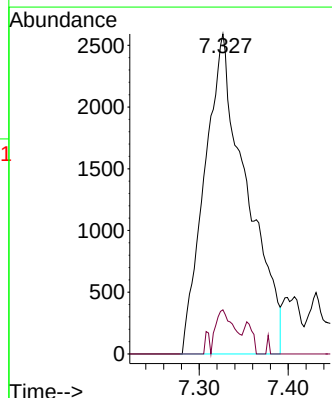
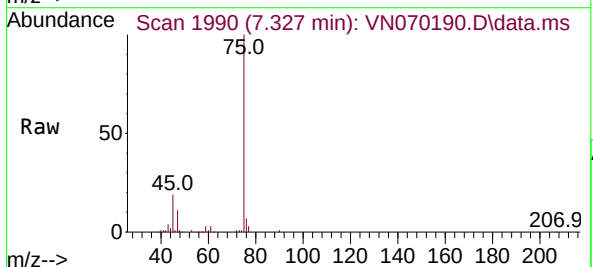
Acq: 18 Dec 2021 3:15

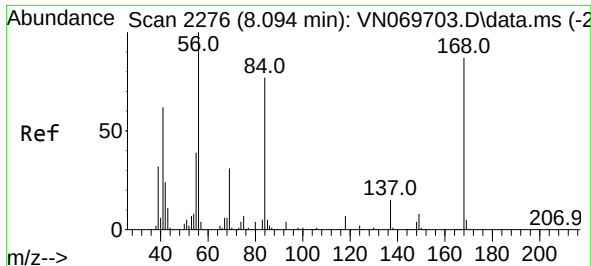
Tgt Ion: 43 Resp: 8460

Ion Ratio Lower Upper

43 100

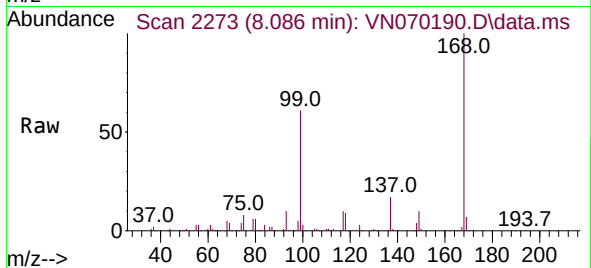
72 13.8 21.7 32.5#



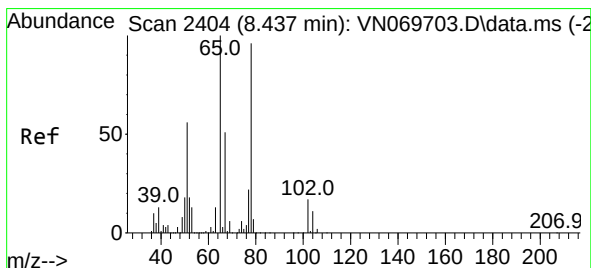
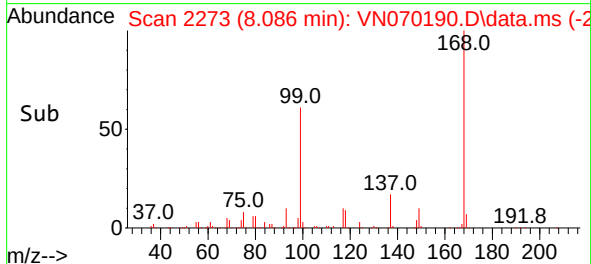
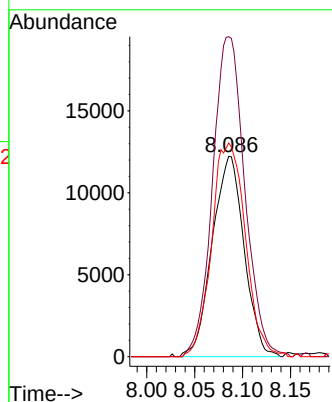


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Instrument :
MSVOA_N
ClientSampleId :

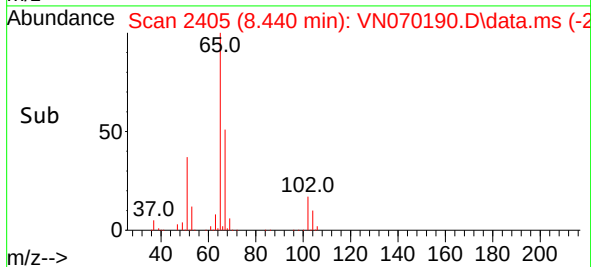
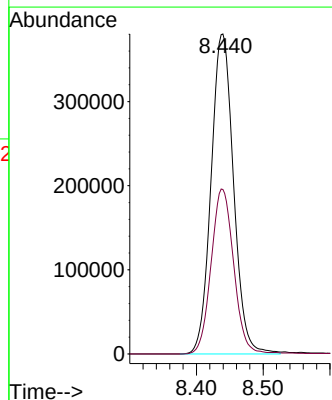
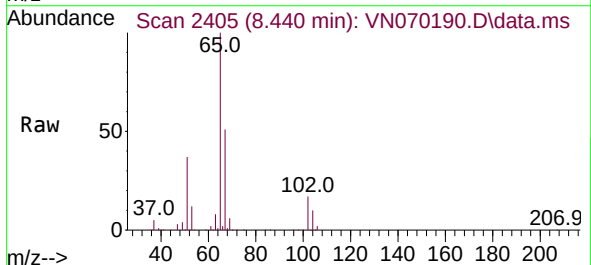


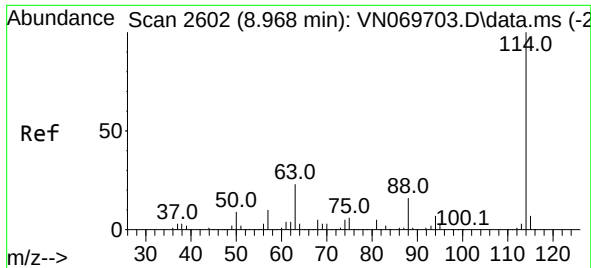
Tgt Ion: 56 Resp: 28259
Ion Ratio Lower Upper
56 100
69 159.8 27.1 40.7#
84 106.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.912 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

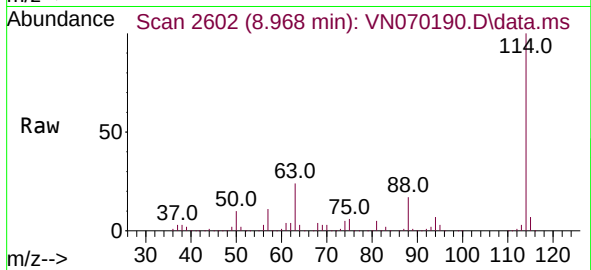
Tgt Ion: 65 Resp: 889876
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



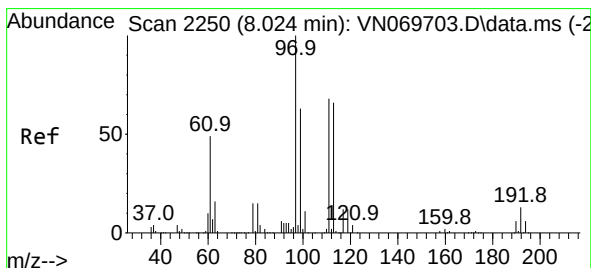
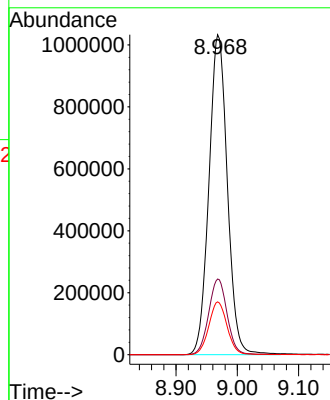
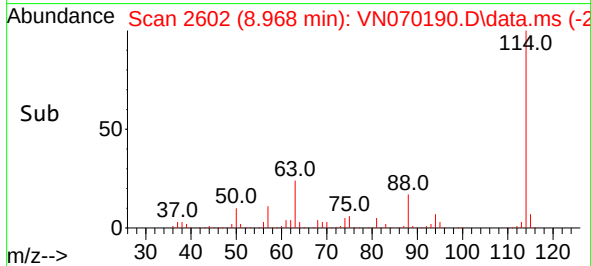


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2156954
Delta R.T. -0.000 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Instrument :
MSVOA_N
ClientSampleId :

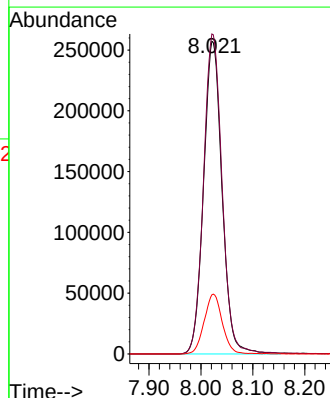
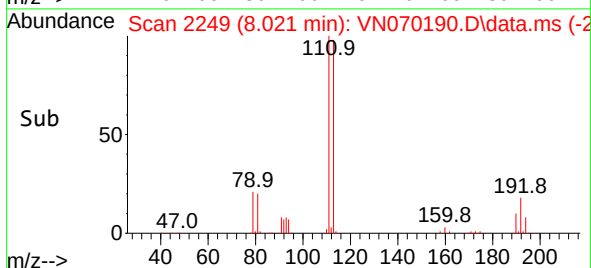
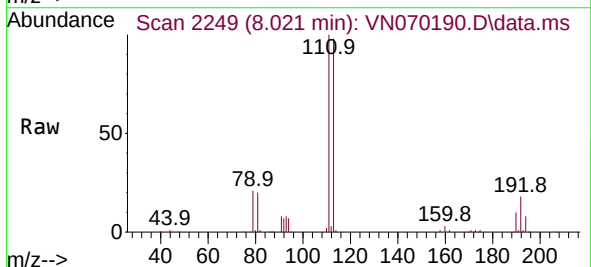


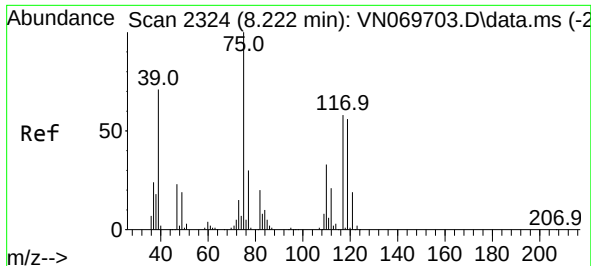
Tgt Ion:114 Resp: 2156954
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.980 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

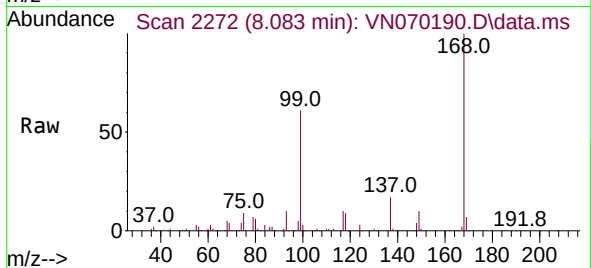
Tgt Ion:113 Resp: 634735
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.7 16.9 25.3



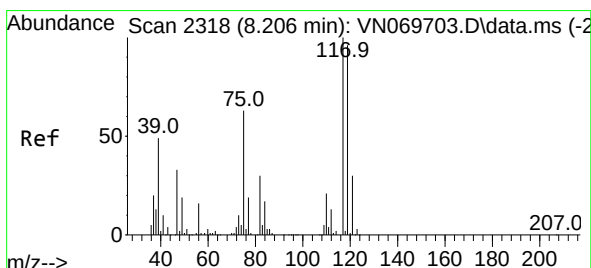
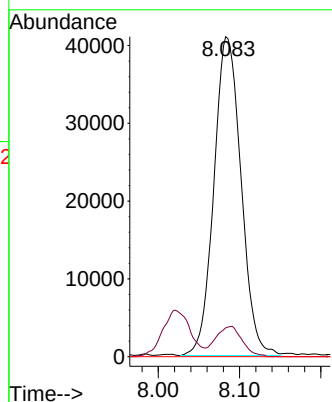
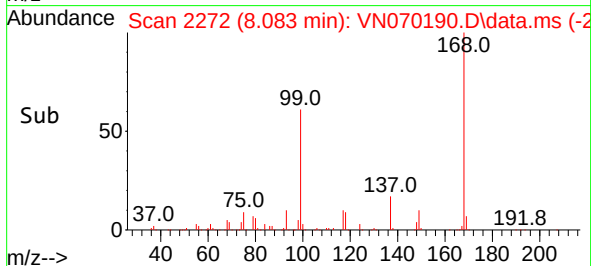


#36
 1,1-Dichloropropene
 Concen: 4.628 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.139 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15

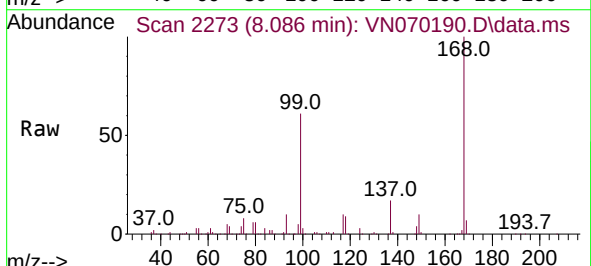
Instrument :
 MSVOA_N
 ClientSampleId :



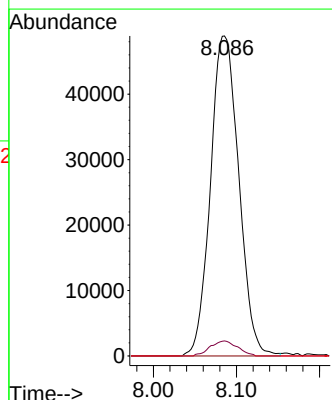
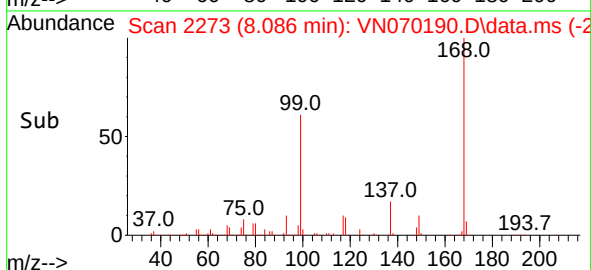
Tgt Ion: 75 Resp: 95023
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 24.4 36.6#

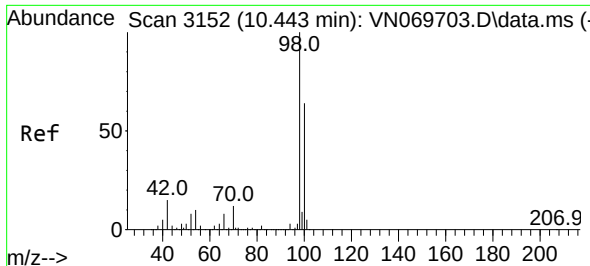


#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.121 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15



Tgt Ion: 117 Resp: 115865
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.1 114.1#
 121 0.0 24.2 36.2#

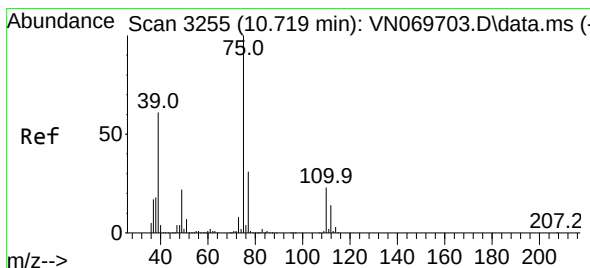
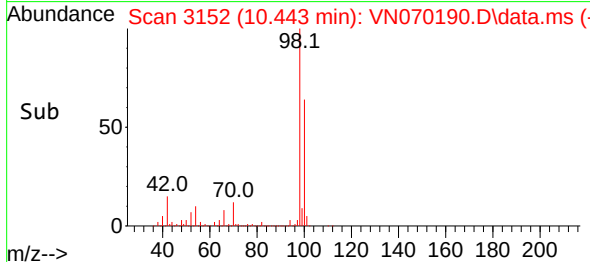
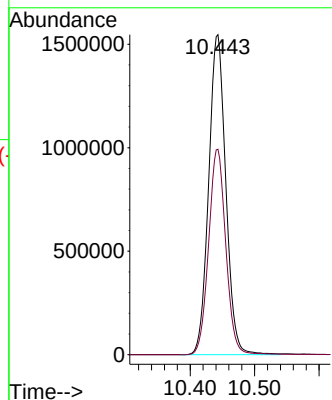
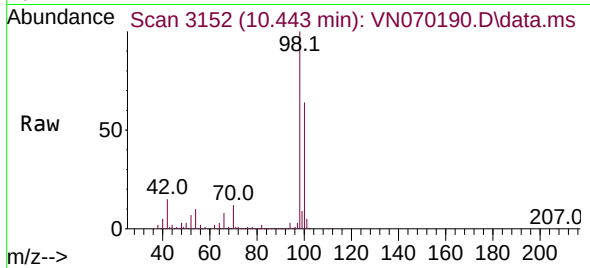




#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

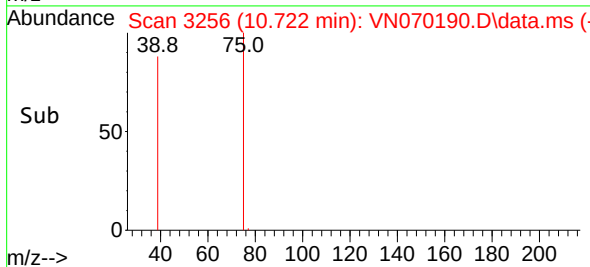
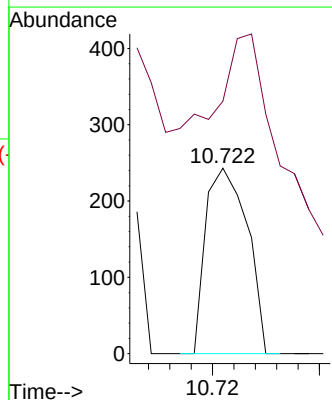
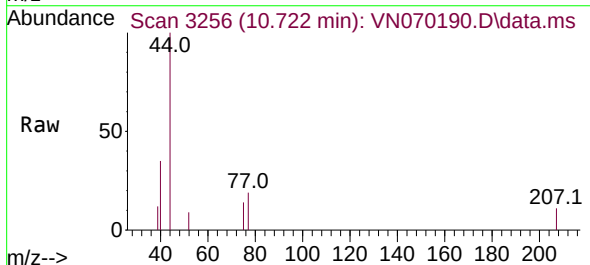
Instrument :
MSVOA_N
ClientSampleId :

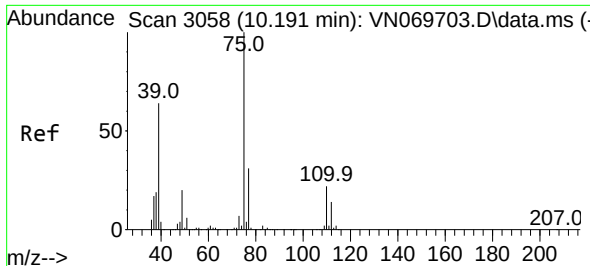
Tgt Ion: 98 Resp: 2857023
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

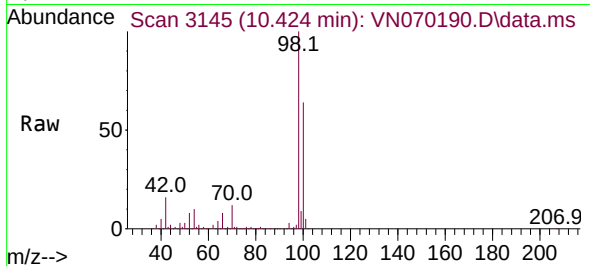
Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
77 35.0 25.6 38.4



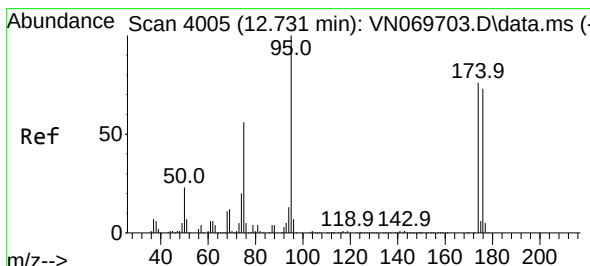
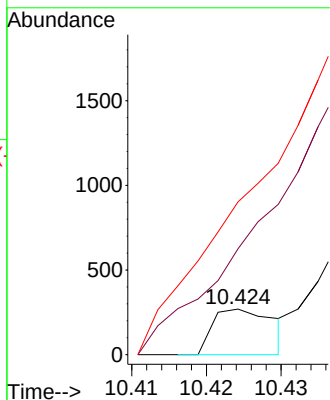
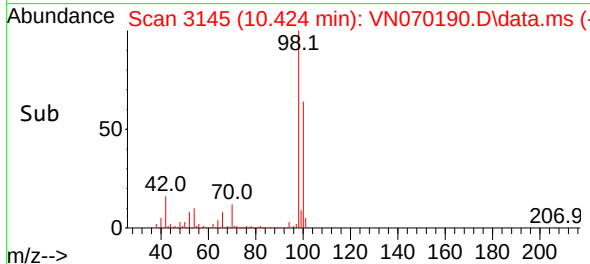


#54
 cis-1,3-Dichloropropene
 Concen: 2.004 ug/l
 RT: 10.424 min Scan# 3145
 Delta R.T. 0.233 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15

Instrument :
 MSVOA_N
 ClientSampleId :

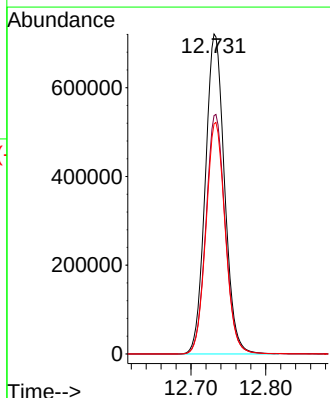
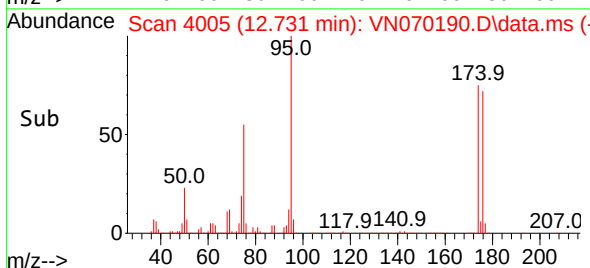
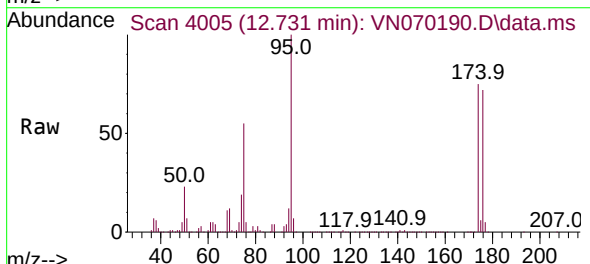


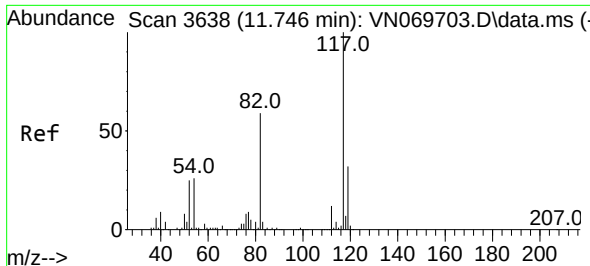
Tgt Ion: 75 Resp: 154
 Ion Ratio Lower Upper
 75 100
 77 131.2 26.4 39.6#
 39 184.4 42.5 63.7#



#62
 4-Bromofluorobenzene
 Concen: 65.506 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.000 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15

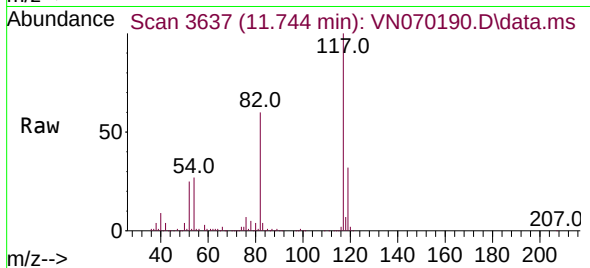
Tgt Ion: 95 Resp: 1287426
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 187.2
 176 72.4 0.0 181.4



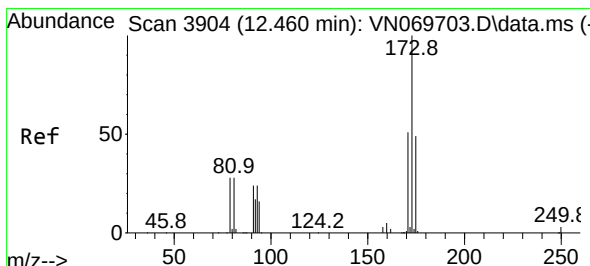
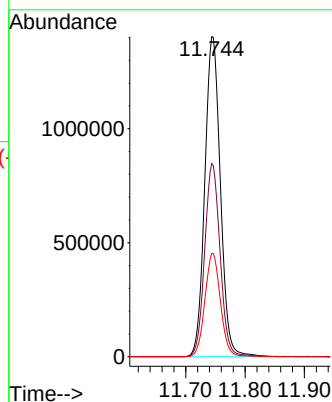
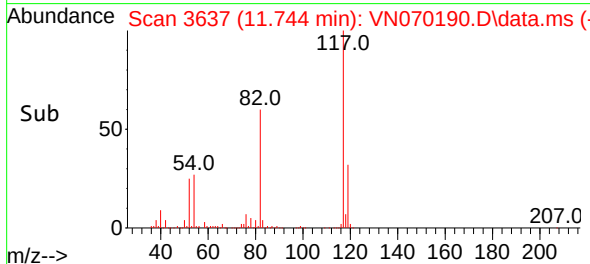


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Instrument :
MSVOA_N
ClientSampleId :

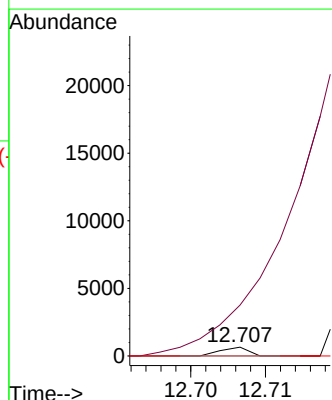
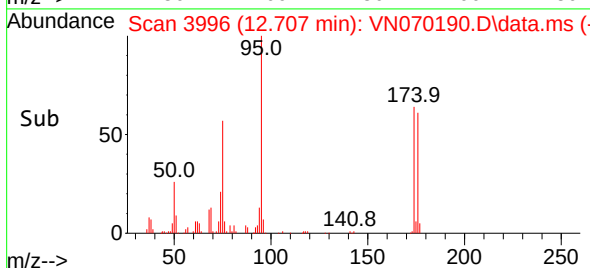
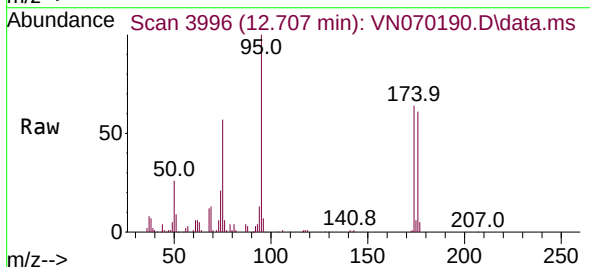


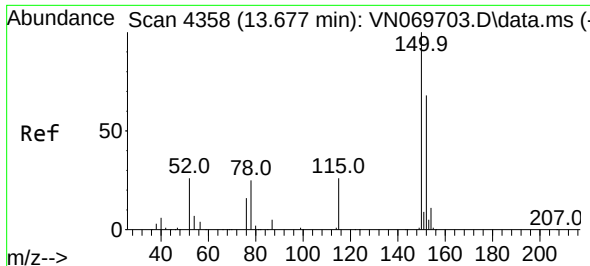
Tgt Ion:117 Resp: 2562247
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.2 25.4 38.2



#71
Bromoform
Concen: 2.741 ug/l
RT: 12.707 min Scan# 3996
Delta R.T. 0.247 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

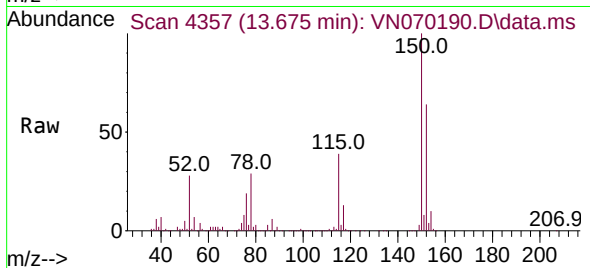
Tgt Ion:173 Resp: 169
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





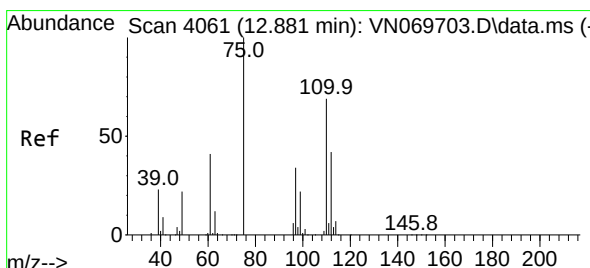
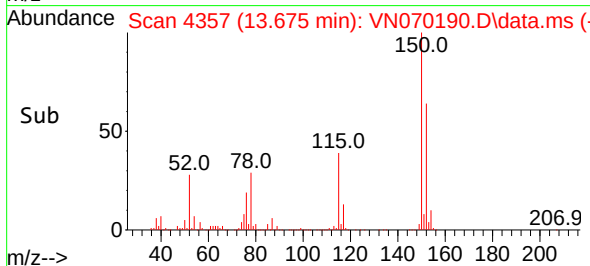
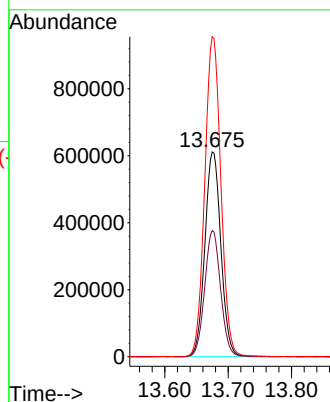
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:152 Resp: 1072749

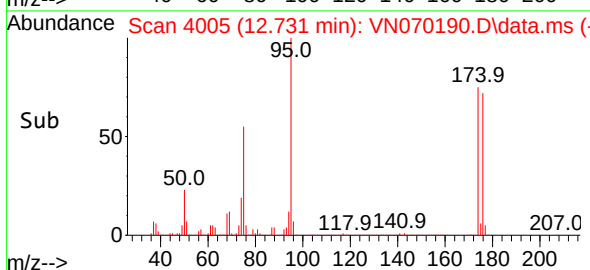
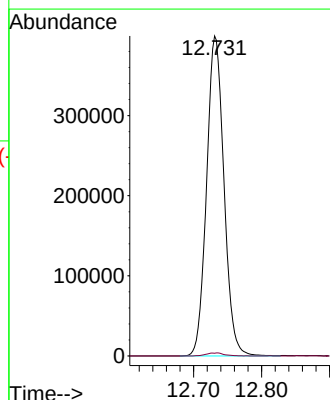
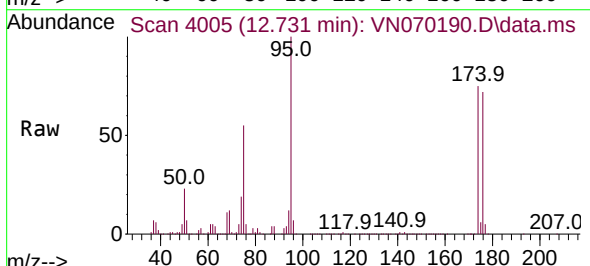
Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.5	82.5
150	157.1	0.0	344.4

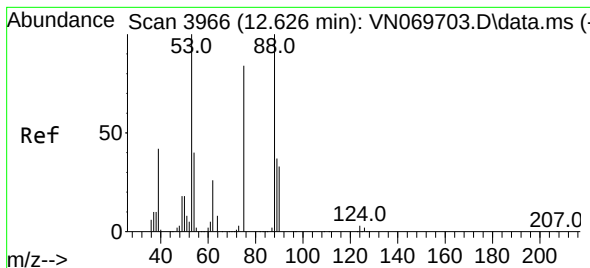


#76
 1,2,3-Trichloropropane
 Concen: 23.070 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070190.D
 Acq: 18 Dec 2021 3:15

Tgt Ion: 75 Resp: 709735

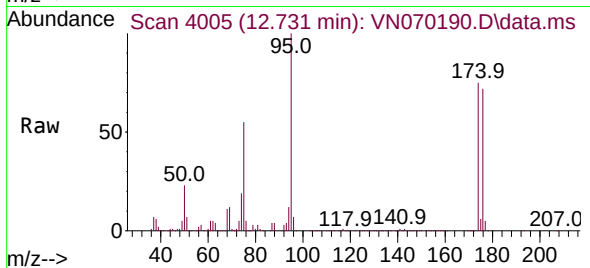
Ion	Ratio	Lower	Upper
75	100		
77	1.0	82.6	247.8#



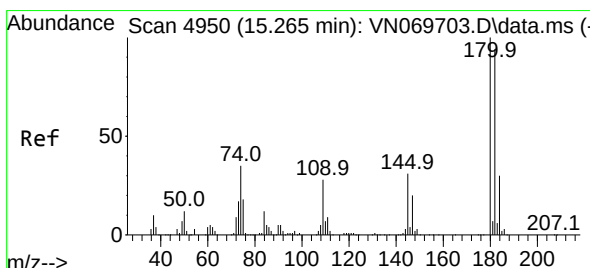
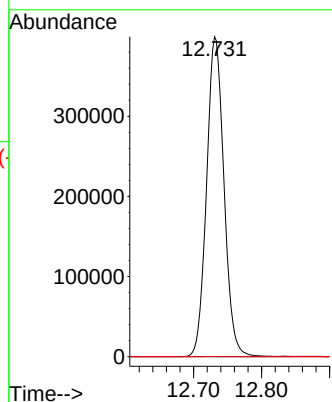
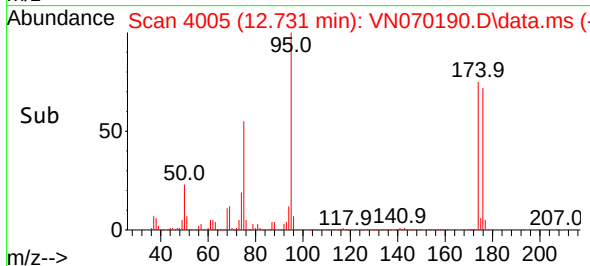


#81
trans-1,4-Dichloro-2-butene
Concen: 73.435 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

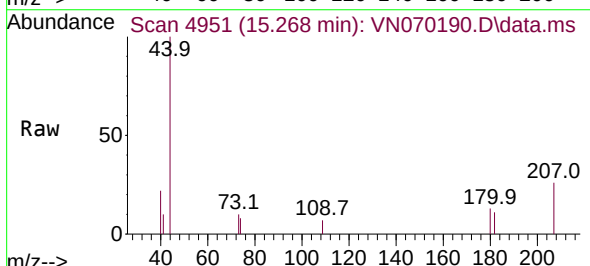
Instrument :
MSVOA_N
ClientSampleId :



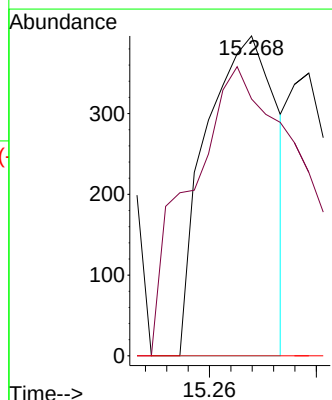
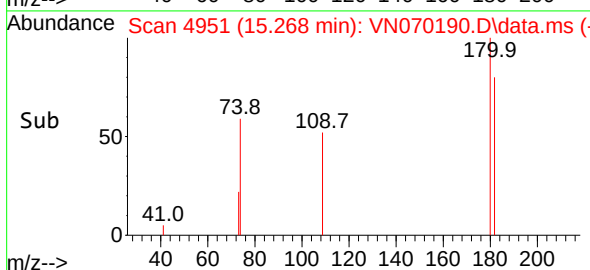
Tgt Ion: 75 Resp: 709735
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

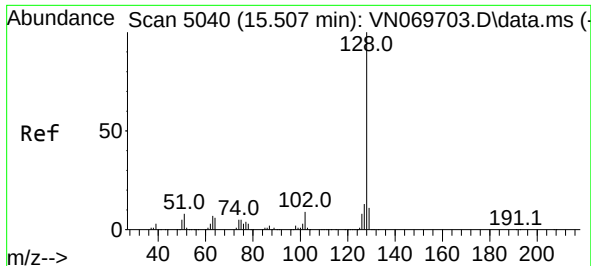


#93
1,2,4-Trichlorobenzene
Concen: 2.897 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15



Tgt Ion: 180 Resp: 365
Ion Ratio Lower Upper
180 100
182 136.7 48.3 144.9
145 0.0 14.5 43.5#

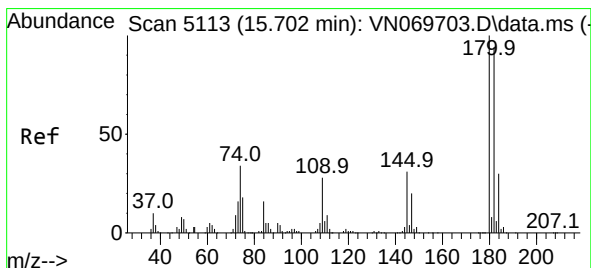
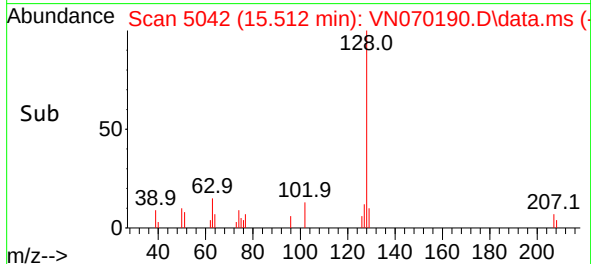
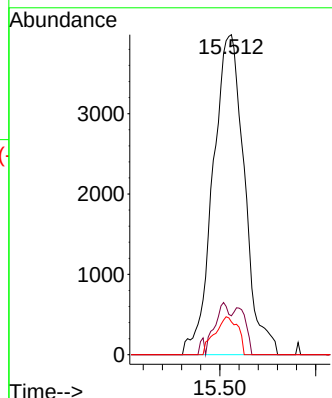
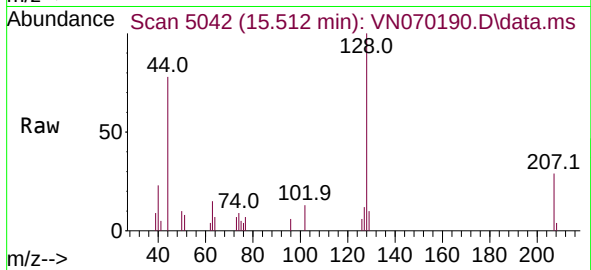




#95
Naphthalene
Concen: 4.144 ug/l
RT: 15.512 min Scan# 5040
Delta R.T. 0.005 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9055
Ion Ratio Lower Upper
128 100
127 8.0 10.5 15.7#
129 8.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.452 ug/l
RT: 15.686 min Scan# 5107
Delta R.T. -0.016 min
Lab File: VN070190.D
Acq: 18 Dec 2021 3:15

Tgt Ion:180 Resp: 292
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

