

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070218.D
 Acq On : 18 Dec 2021 17:18
 Operator : JC/MD
 Sample : M5044-09 10X
 Misc : 7.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:48:27 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)

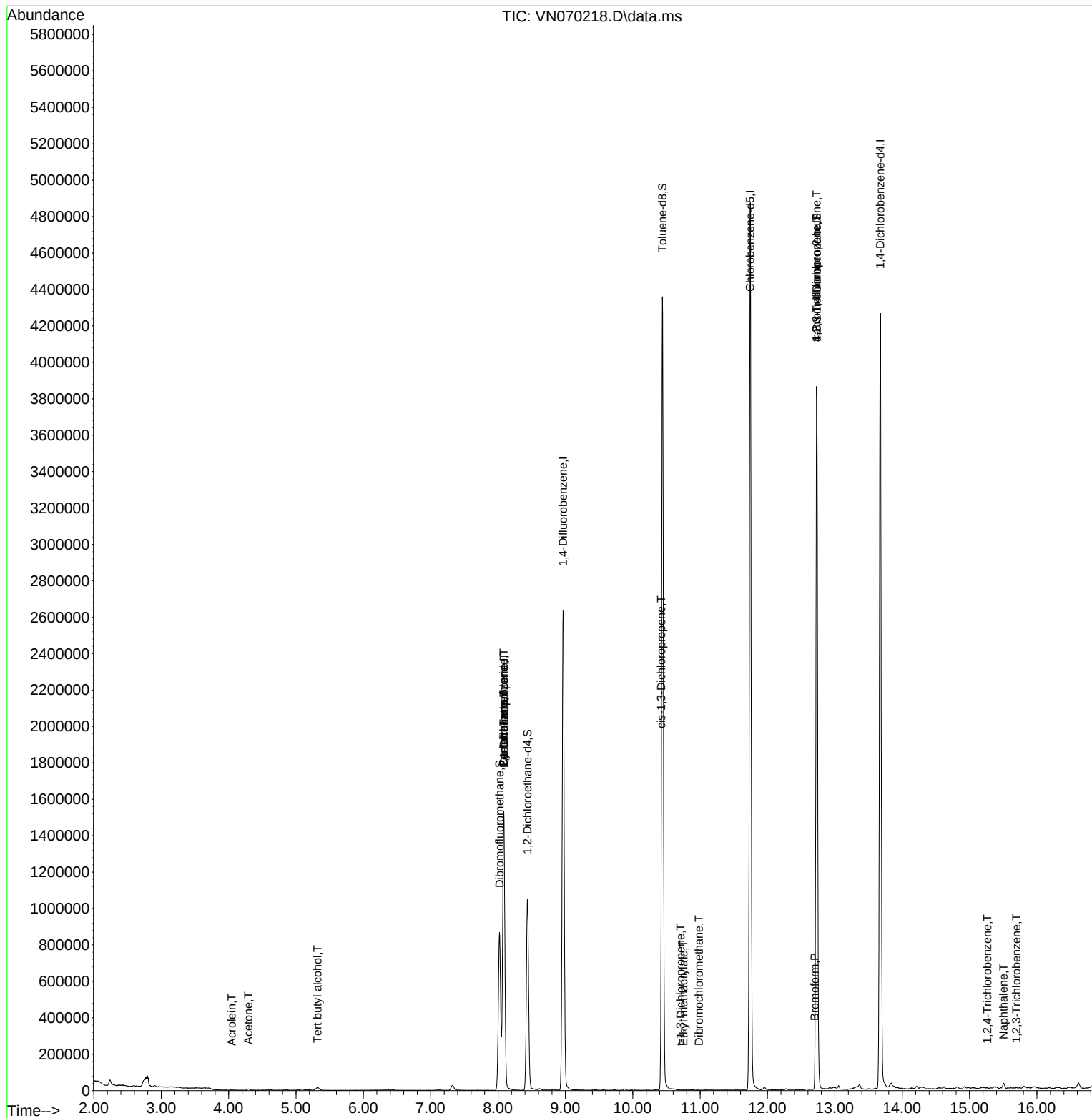
Internal Standards						
1) Pentafluorobenzene	8.086	168	1157854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2213630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2679217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1142774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	910715	50.943	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.880%			
35) Dibromofluoromethane	8.021	113	634707	45.775	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.560%			
50) Toluene-d8	10.441	98	2960402	53.173	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.731	95	1373955	68.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 136.240%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.318	59	6453	1.910	ug/l #	71
13) Acrolein	4.044	56	903	0.314	ug/l #	37
16) Acetone	4.293	43	9136	0.850	ug/l	95
31) Cyclohexane	8.083	56	29624	1.191	ug/l #	29
36) 1,1-Dichloropropene	8.086	75	97860	4.644	ug/l #	49
38) Carbon Tetrachloride	8.083	117	116809	5.653	ug/l #	16
53) t-1,3-Dichloropropene	10.709	75	26	2.795	ug/l #	83
54) cis-1,3-Dichloropropene	10.424	75	113	2.003	ug/l #	1
56) Ethyl methacrylate	10.752	69	96	2.282	ug/l #	1
60) Dibromochloromethane	10.982	129	89	2.381	ug/l #	11
71) Bromoform	12.701	173	54	2.734	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	758148	23.134	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	758148	73.626	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	934	2.925	ug/l	88
95) Naphthalene	15.504	128	24705	4.392	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.694	180	828	2.479	ug/l	100

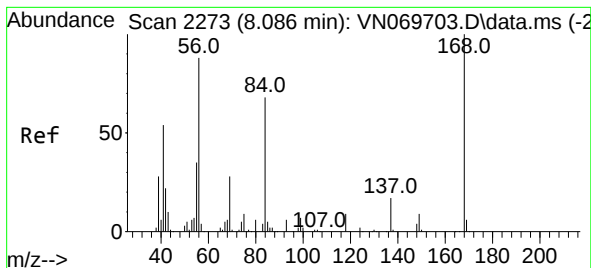
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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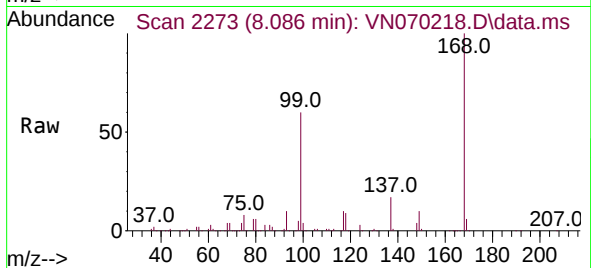
Quant Time: Dec 19 08:48:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
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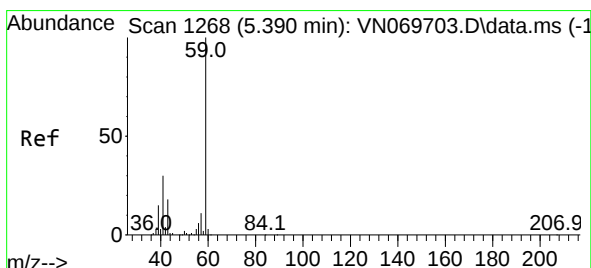
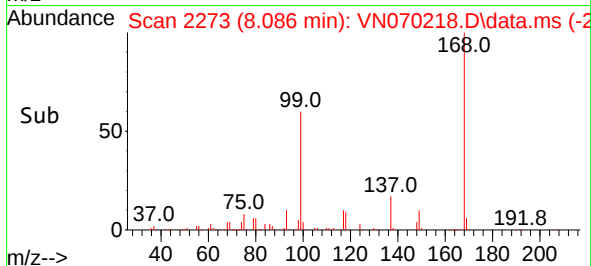
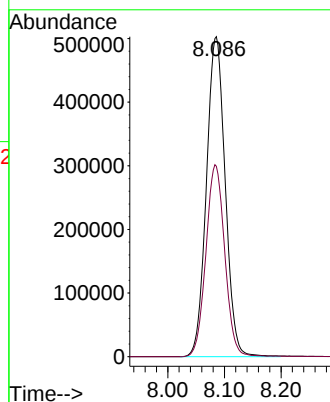


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

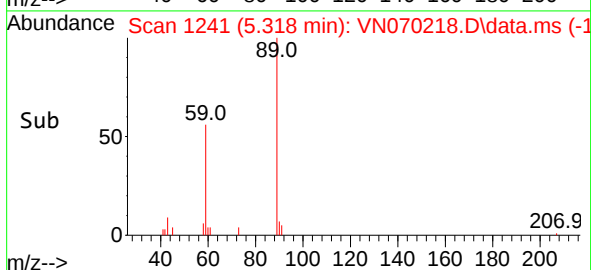
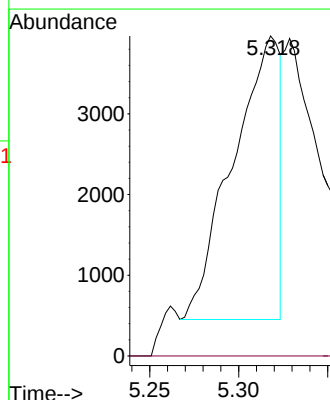
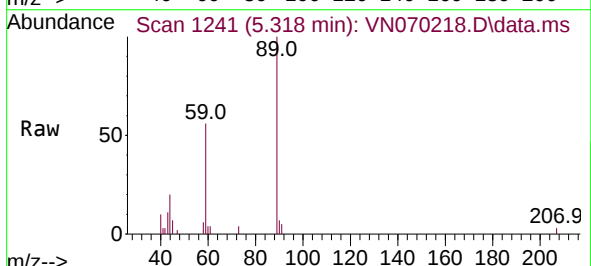


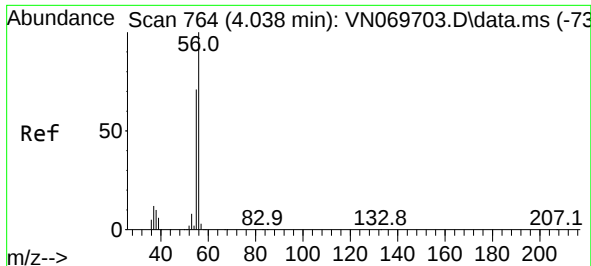
Tgt Ion:168 Resp: 1157854
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#11
Tert butyl alcohol
Concen: 1.910 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.072 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Tgt Ion: 59 Resp: 6453
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

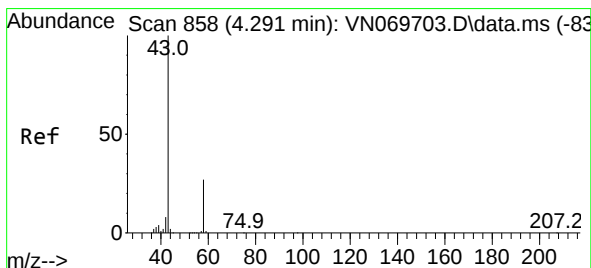
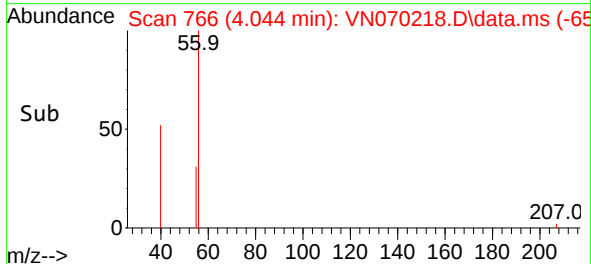
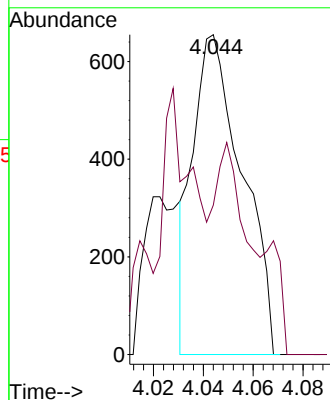
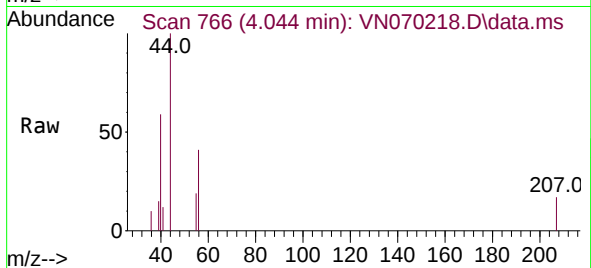




#13
Acrolein
Concen: 0.314 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

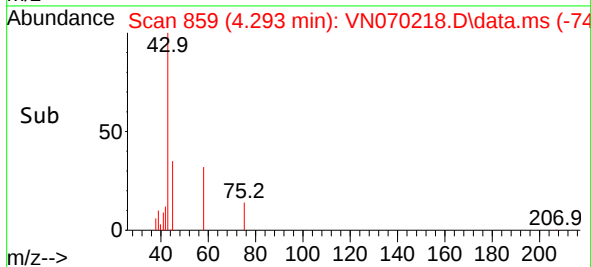
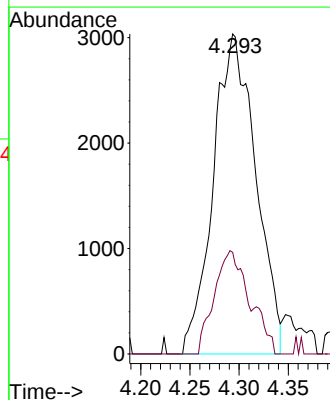
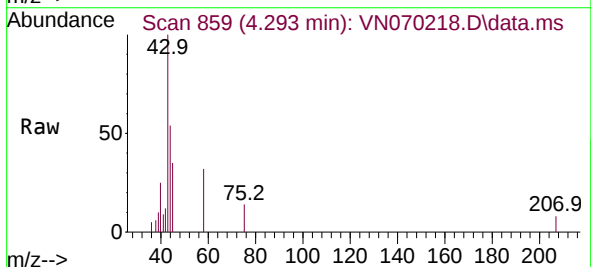
Instrument :
MSVOA_N
ClientSampleId :

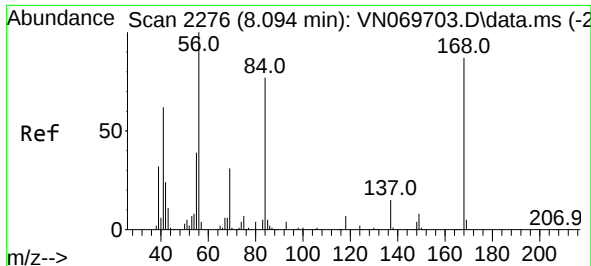
Tgt Ion: 56 Resp: 903
Ion Ratio Lower Upper
56 100
55 18.7 56.6 85.0#



#16
Acetone
Concen: 0.850 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

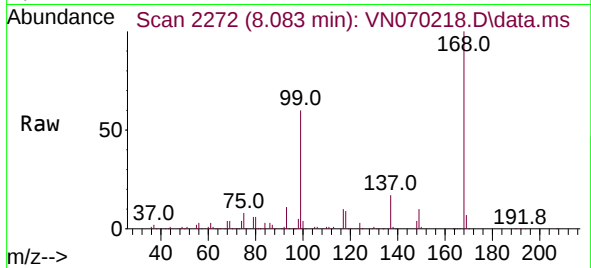
Tgt Ion: 43 Resp: 9136
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7



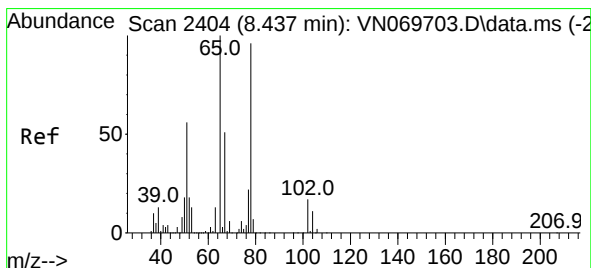
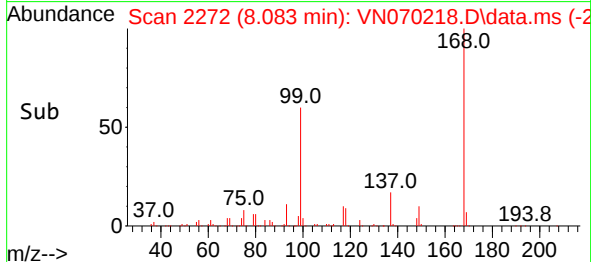
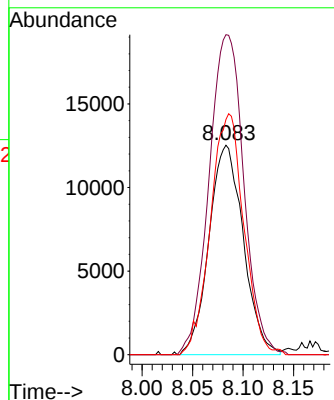


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

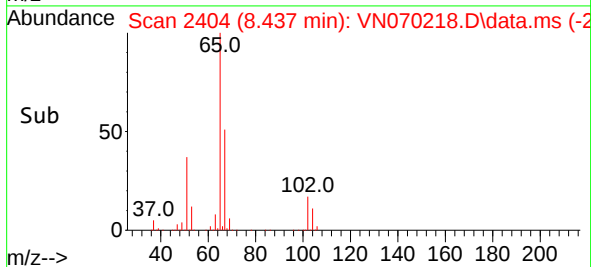
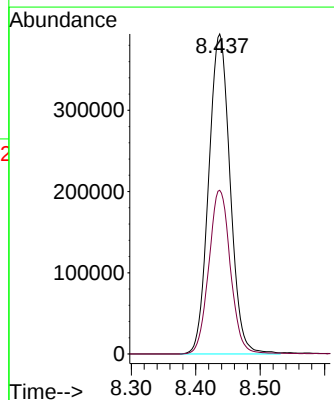
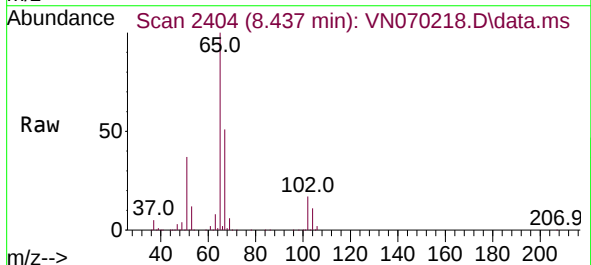


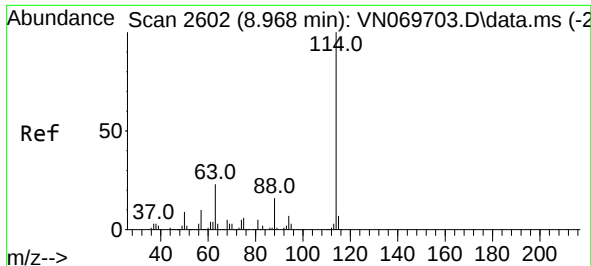
Tgt Ion: 56 Resp: 29624
Ion Ratio Lower Upper
56 100
69 151.3 27.1 40.7#
84 112.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.943 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

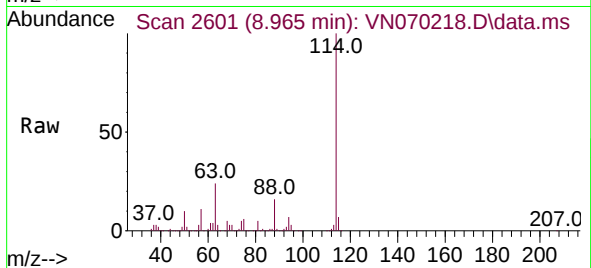
Tgt Ion: 65 Resp: 910715
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



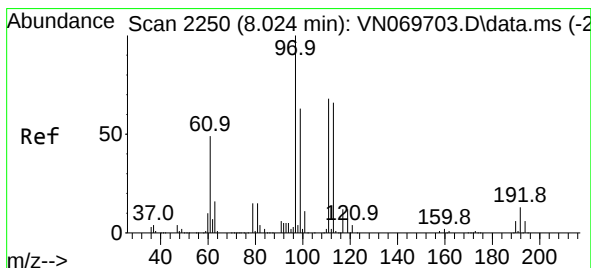
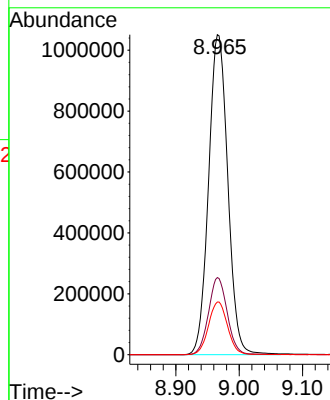
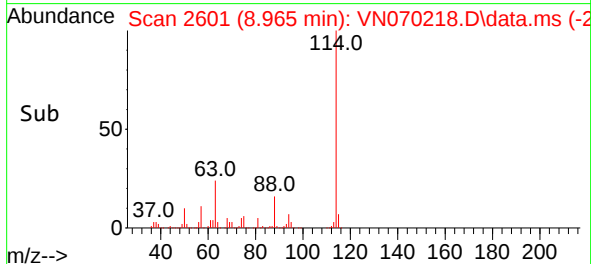


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :

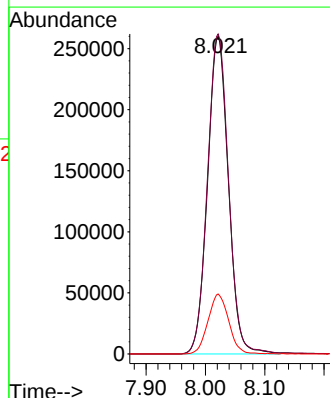
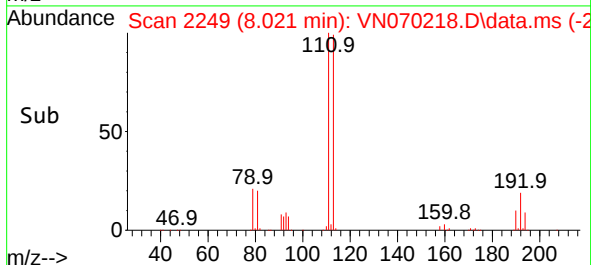
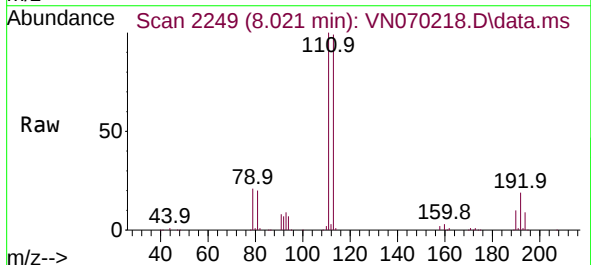


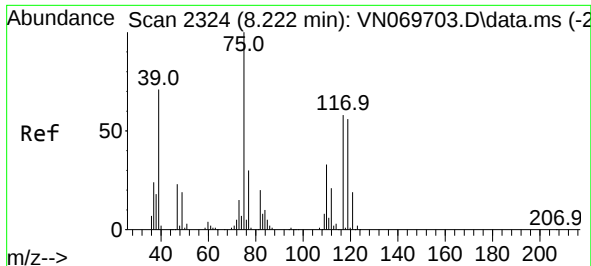
Tgt Ion:114 Resp: 2213630
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.775 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

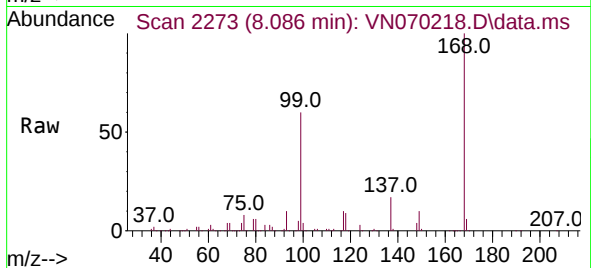
Tgt Ion:113 Resp: 634707
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.7 16.9 25.3



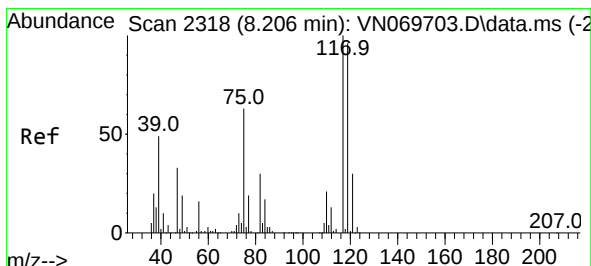
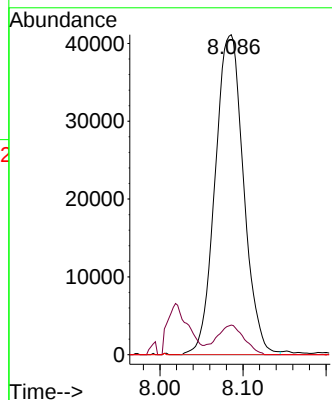
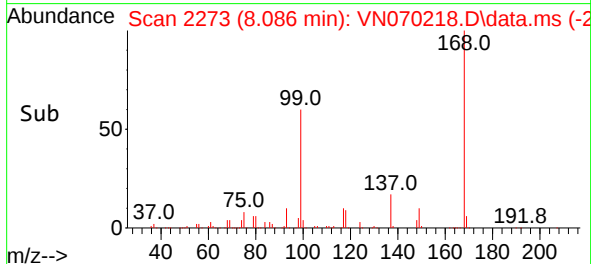


#36
 1,1-Dichloropropene
 Concen: 4.644 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18

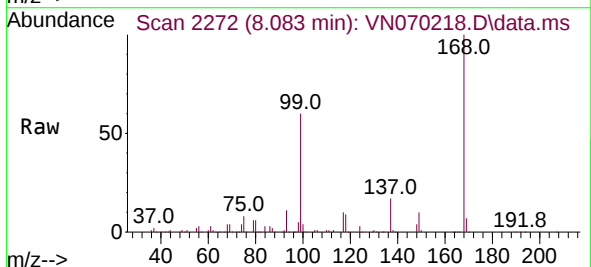
Instrument :
 MSVOA_N
 ClientSampleId :



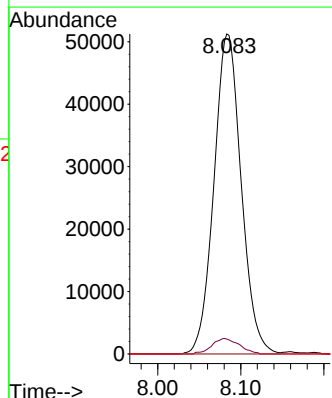
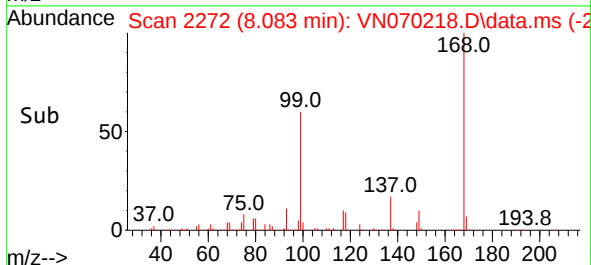
Tgt Ion: 75 Resp: 97860
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#

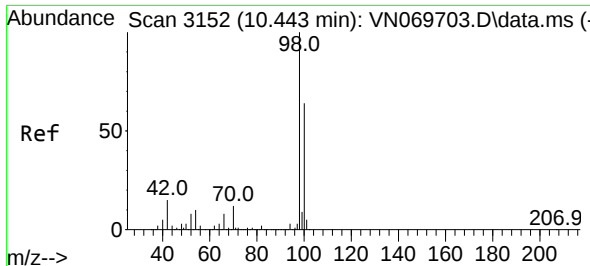


#38
 Carbon Tetrachloride
 Concen: 5.653 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.123 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18



Tgt Ion: 117 Resp: 116809
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.1 114.1#
 121 0.0 24.2 36.2#

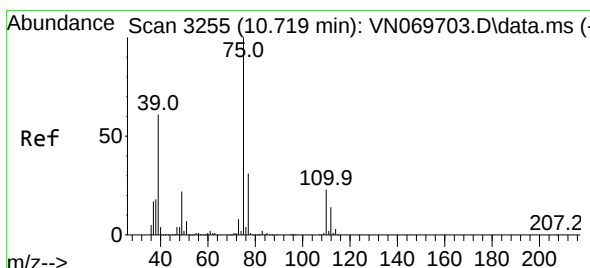
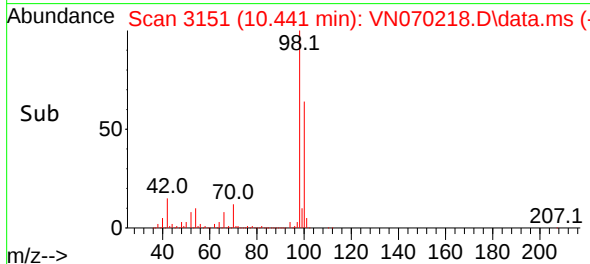
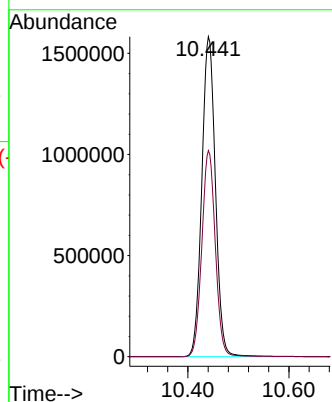
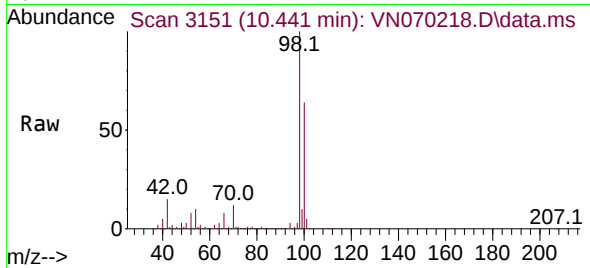




#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

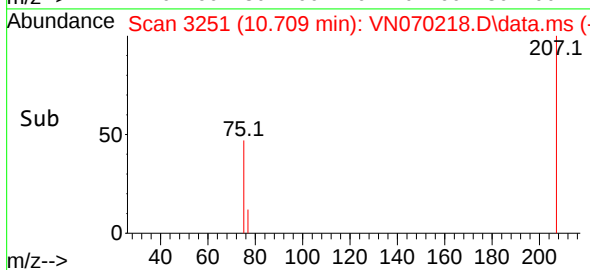
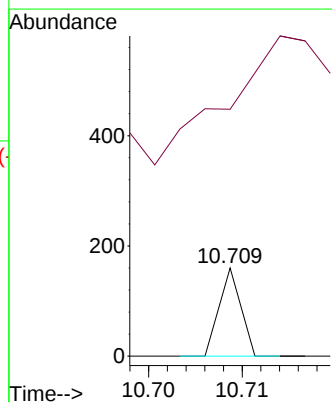
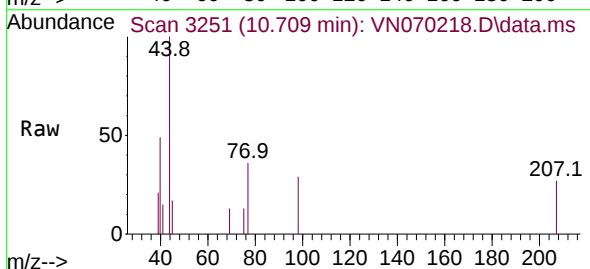
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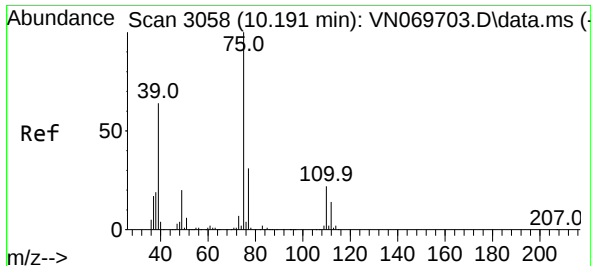
Tgt Ion: 98 Resp: 2960402
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.795 ug/l
RT: 10.709 min Scan# 3251
Delta R.T. -0.010 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

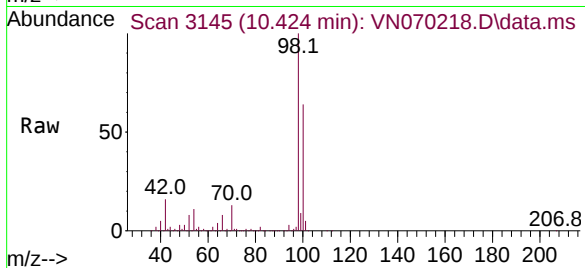
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 22.5 25.6 38.4#





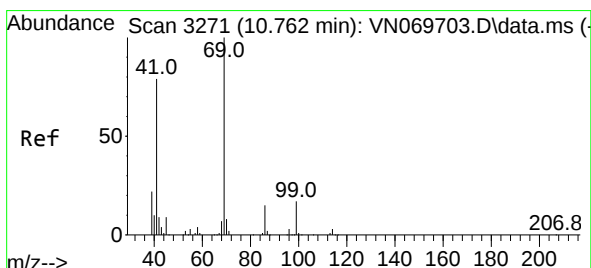
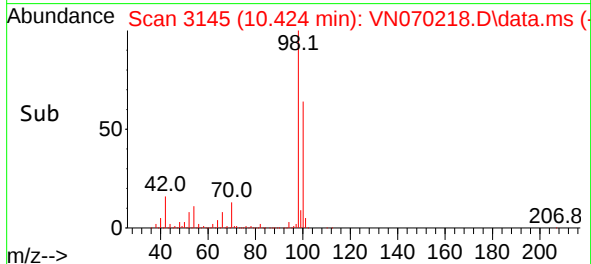
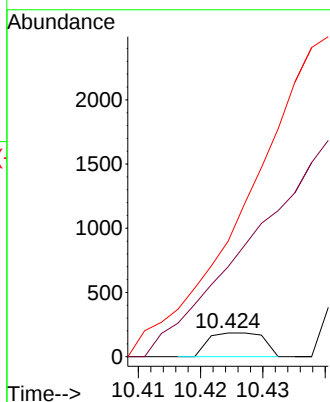
#54
 cis-1,3-Dichloropropene
 Concen: 2.003 ug/l
 RT: 10.424 min Scan# 3145
 Delta R.T. 0.233 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 113

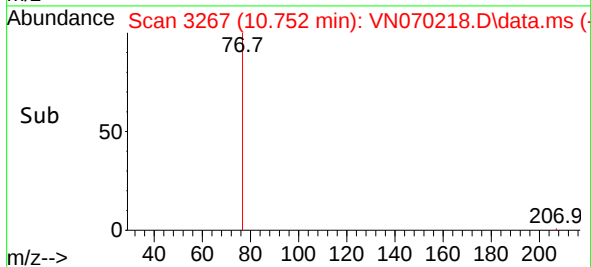
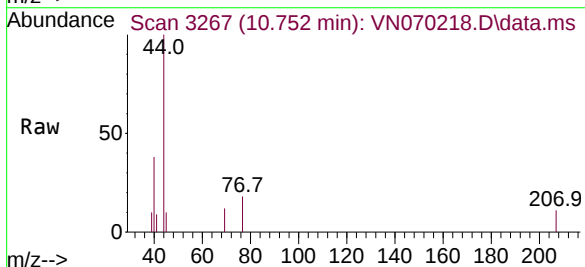
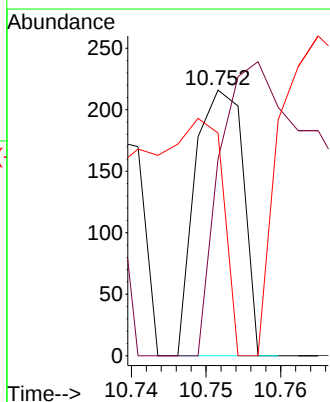
Ion	Ratio	Lower	Upper
75	100		
77	239.1	26.4	39.6#
39	288.6	42.5	63.7#

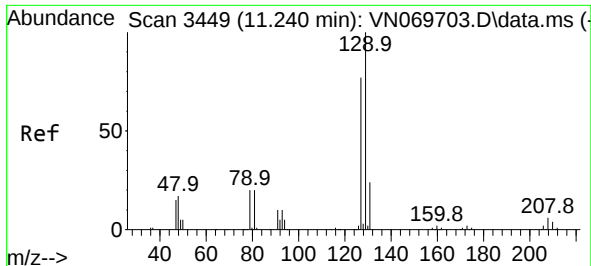


#56
 Ethyl methacrylate
 Concen: 2.282 ug/l
 RT: 10.752 min Scan# 3267
 Delta R.T. -0.010 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18

Tgt Ion: 69 Resp: 96

Ion	Ratio	Lower	Upper
69	100		
41	227.1	51.4	77.0#
39	227.1	34.6	52.0#

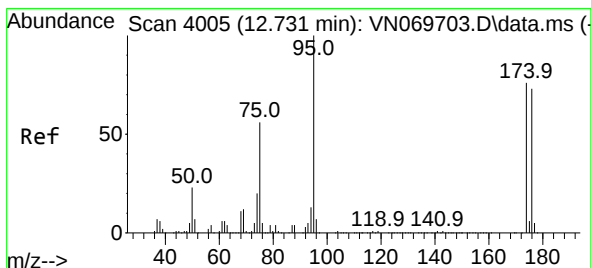
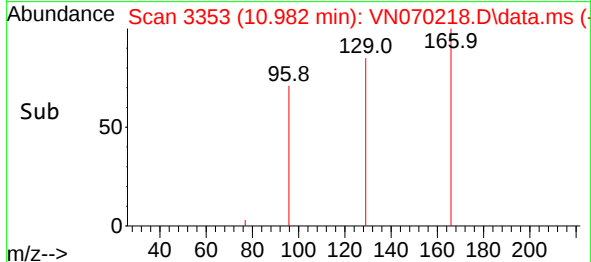
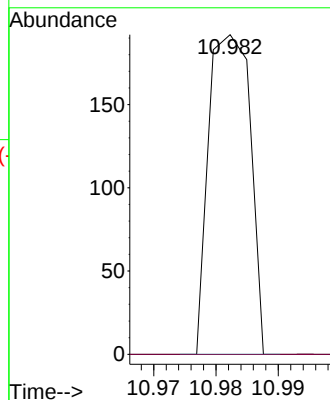
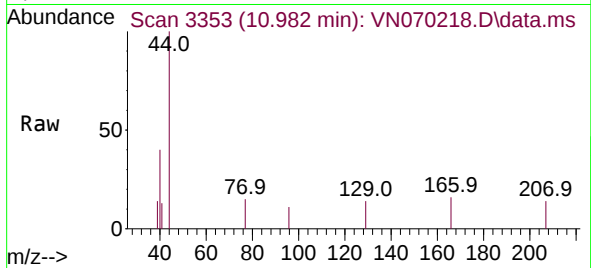




#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 10.982 min Scan# 31
Delta R.T. -0.258 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

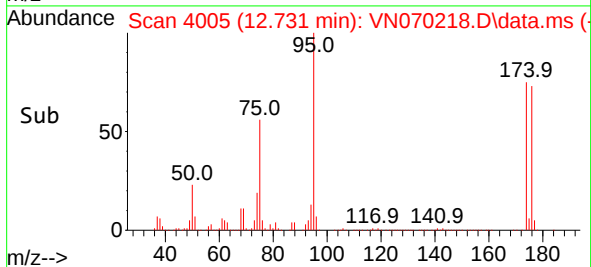
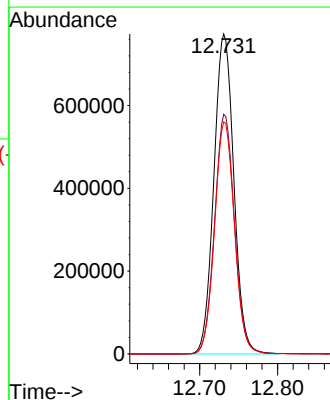
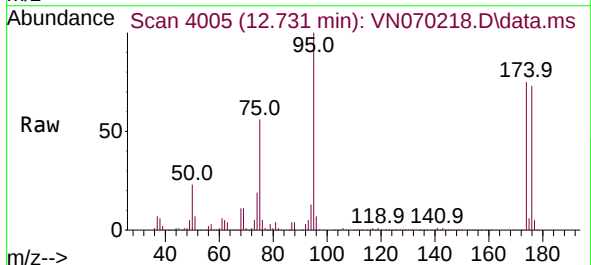
Instrument :
MSVOA_N
ClientSampleId :

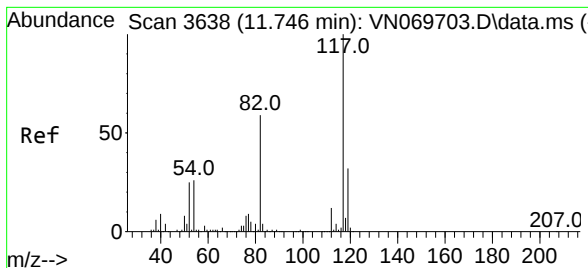
Tgt Ion:129 Resp: 89
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 68.119 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Tgt Ion: 95 Resp: 1373955
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

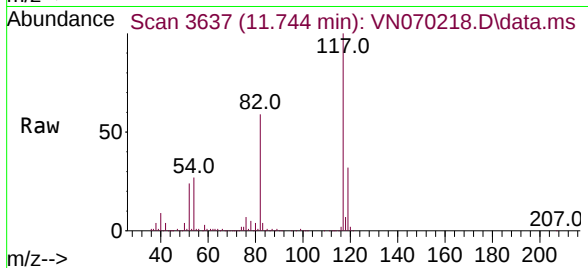
Lab File: VN070218.D

Acq: 18 Dec 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :



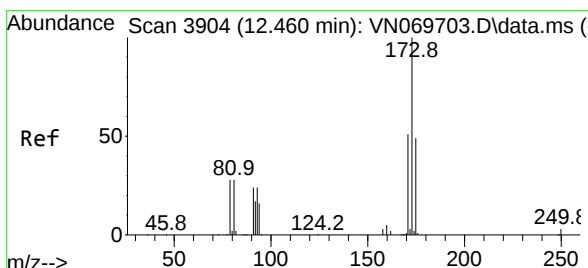
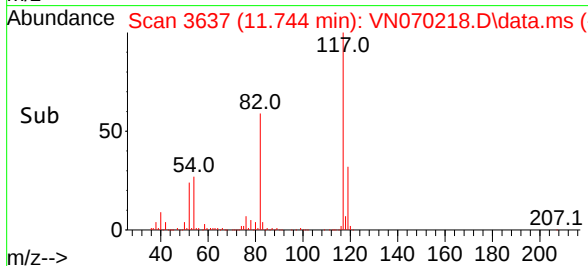
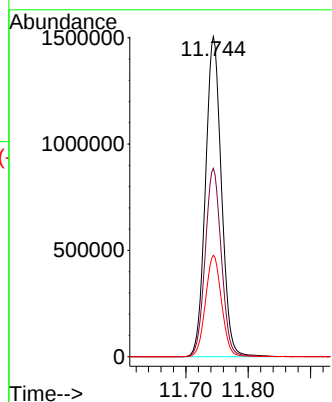
Tgt Ion:117 Resp: 2679217

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 31.7 25.4 38.2



#71

Bromoform

Concen: 2.734 ug/l

RT: 12.701 min Scan# 3994

Delta R.T. 0.241 min

Lab File: VN070218.D

Acq: 18 Dec 2021 17:18

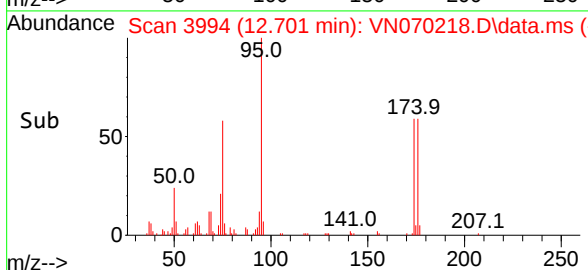
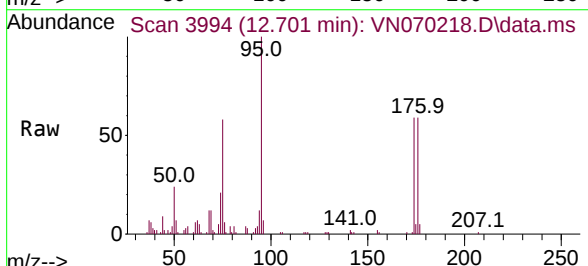
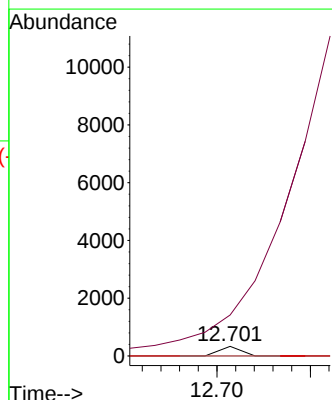
Tgt Ion:173 Resp: 54

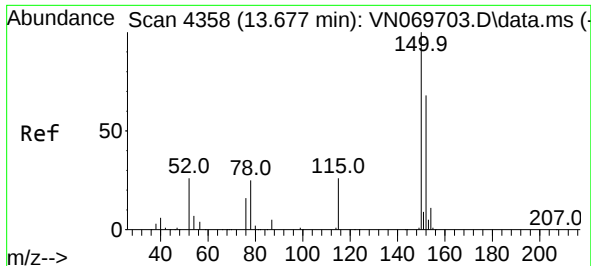
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

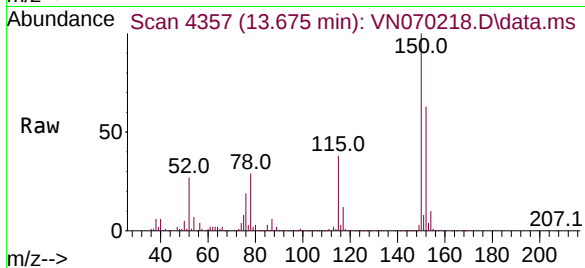
254 0.0 0.0 0.0



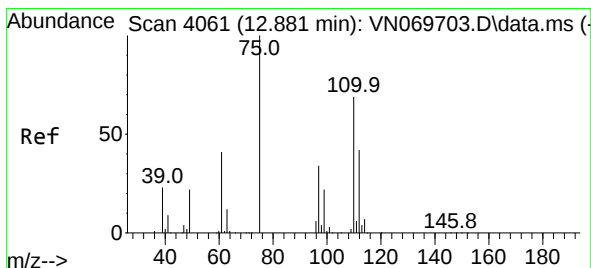
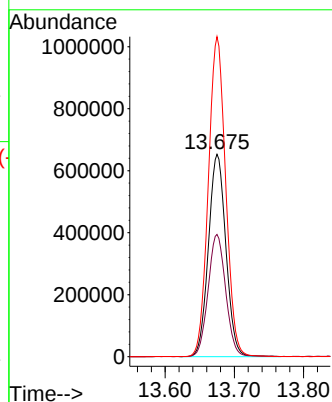
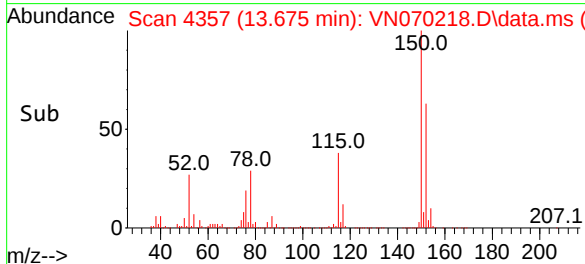


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18

Instrument :
 MSVOA_N
 ClientSampleId :

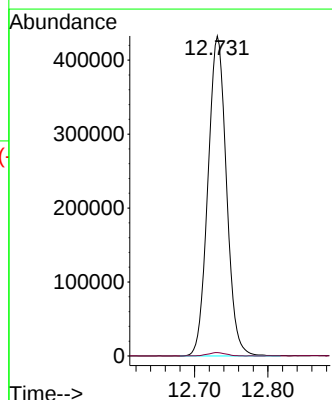
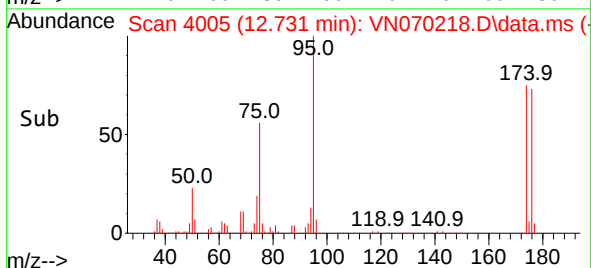
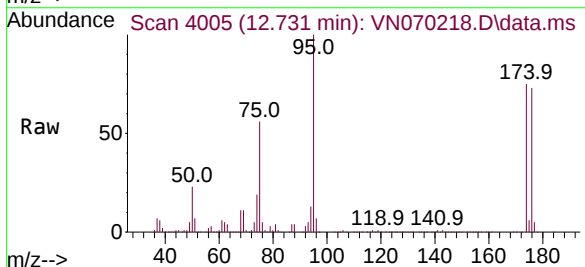


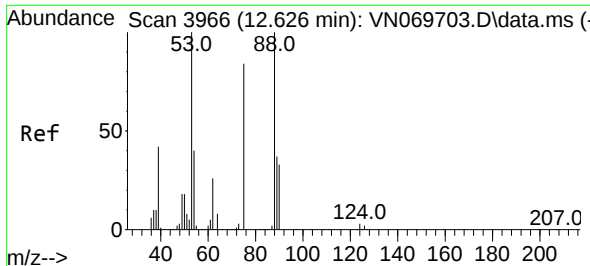
Tgt Ion:152 Resp: 1142774
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 156.7 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.134 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070218.D
 Acq: 18 Dec 2021 17:18

Tgt Ion: 75 Resp: 758148
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

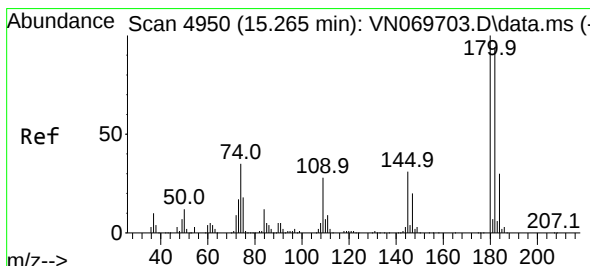
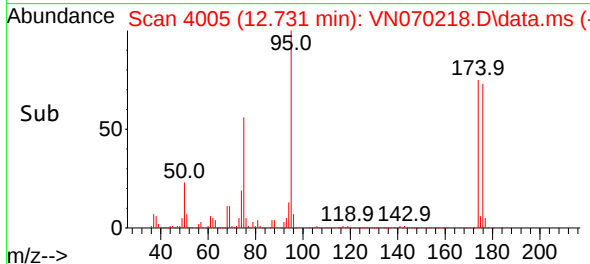
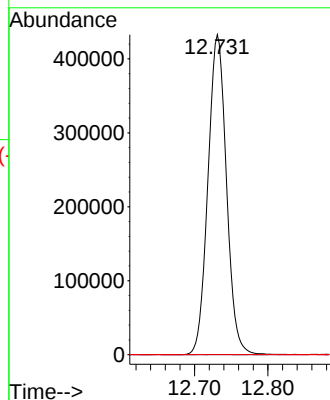
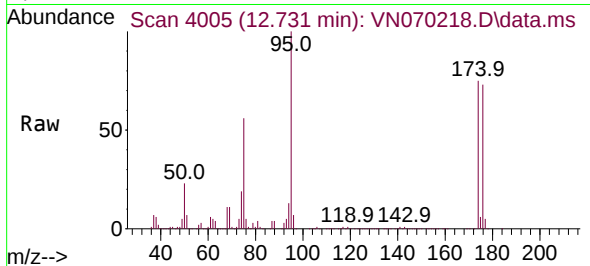




#81
trans-1,4-Dichloro-2-butene
Concen: 73.626 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

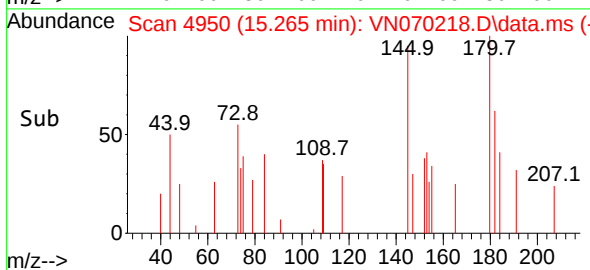
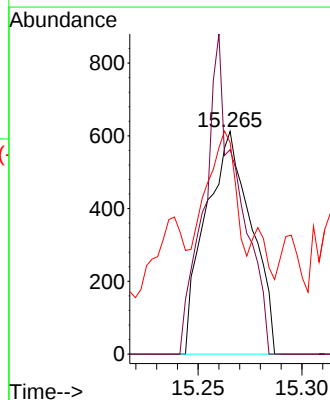
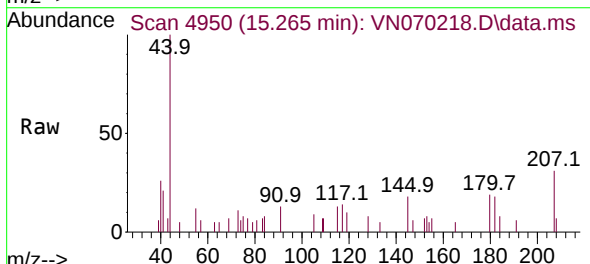
Instrument :
MSVOA_N
ClientSampleId :

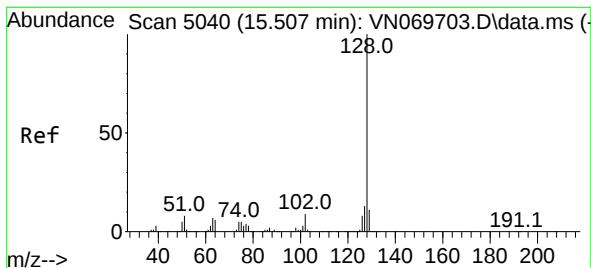
Tgt Ion: 75 Resp: 758148
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.925 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070218.D
Acq: 18 Dec 2021 17:18

Tgt Ion:180 Resp: 934
Ion Ratio Lower Upper
180 100
182 107.4 48.3 144.9
145 36.9 14.5 43.5





#95

Naphthalene

Concen: 4.392 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN070218.D

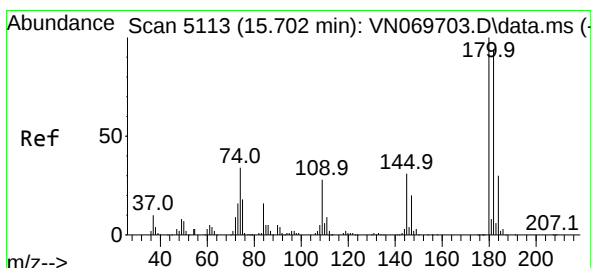
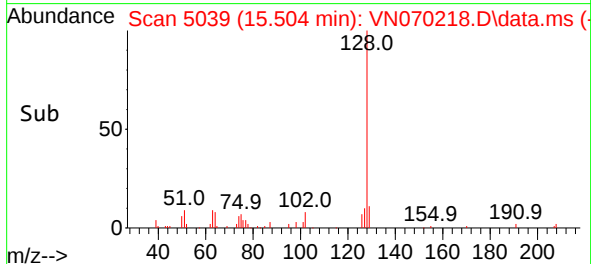
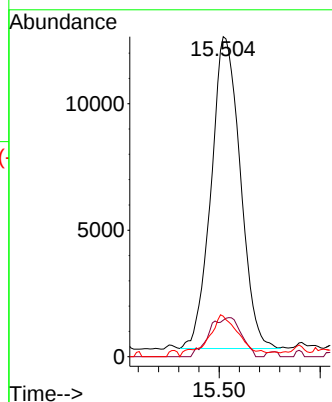
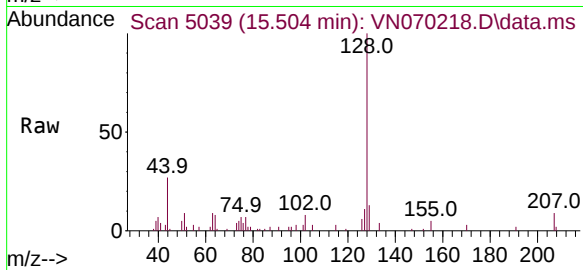
Acq: 18 Dec 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	24705
Ion Ratio	Lower	Upper
128	100	
127	5.0	10.5 15.7#
129	14.1	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.479 ug/l

RT: 15.694 min Scan# 5110

Delta R.T. -0.008 min

Lab File: VN070218.D

Acq: 18 Dec 2021 17:18

Tgt Ion:180	Resp:	828
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.4 142.2
145	30.2	15.0 45.1

