

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069823.D
 Acq On : 7 Dec 2021 18:48
 Operator : JC/MD
 Sample : M4956-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D1-20211205

Quant Time: Dec 08 04:38:44 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)

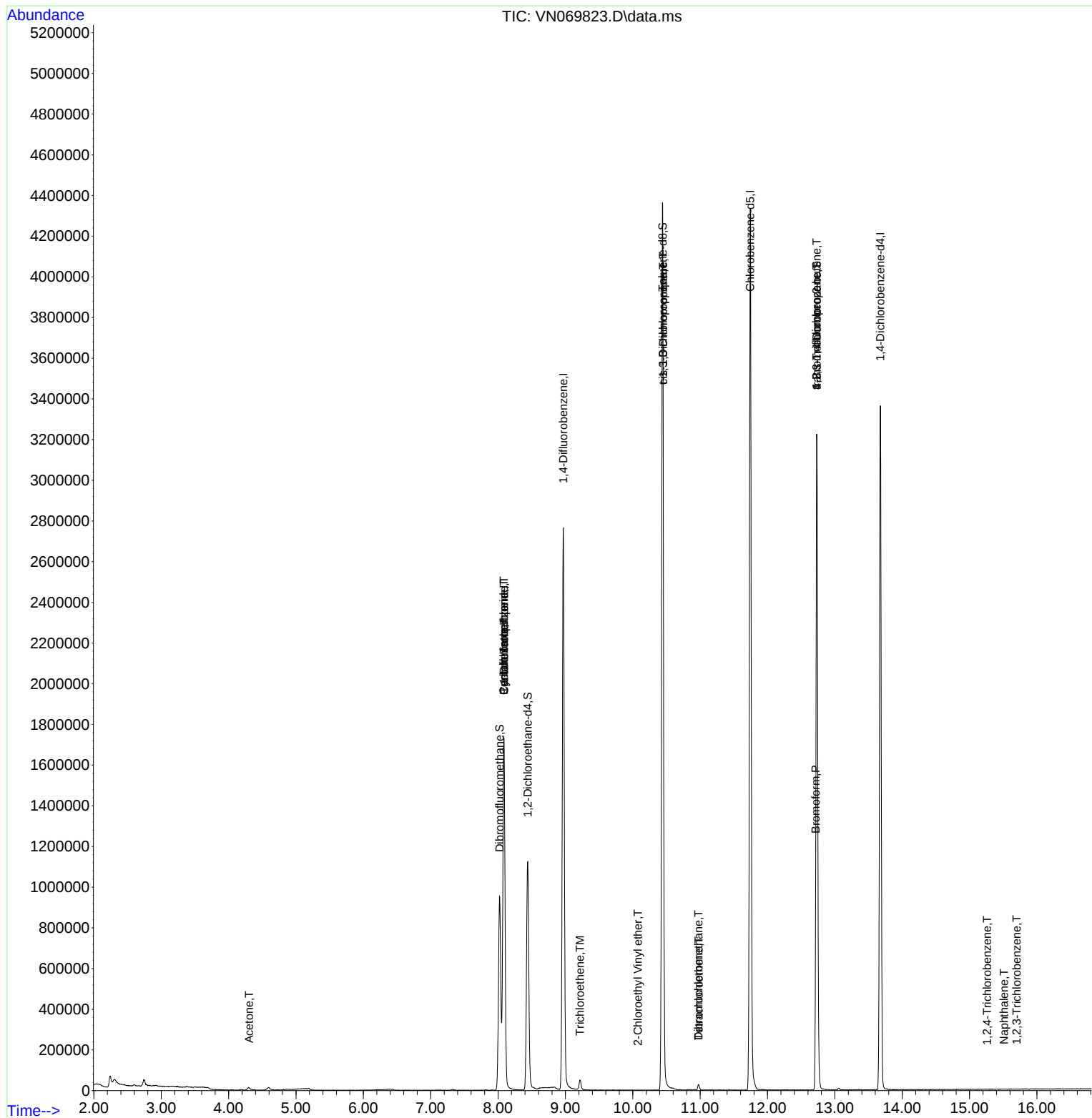
Internal Standards						
1) Pentafluorobenzene	8.088	168	1289588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2323487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2419235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	892161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	992746	49.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.72%		
35) Dibromofluoromethane	8.024	113	692432	47.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.16%		
50) Toluene-d8	10.443	98	2950139	50.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.96%		
62) 4-Bromofluorobenzene	12.731	95	1125102	53.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.28%		
Target Compounds					Qvalue	
16) Acetone	4.301	43	18169	1.52	ug/l	96
31) Cyclohexane	8.088	56	31576	1.14	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	109896	4.97	ug/l #	49
38) Carbon Tetrachloride	8.088	117	133193	6.14	ug/l #	16
44) Trichloroethene	9.215	130	16861	1.04	ug/l	99
53) t-1,3-Dichloropropene	10.451	75	993	2.83	ug/l #	1
54) cis-1,3-Dichloropropene	10.451	75	993	2.03	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.076	63	153	18.41	ug/l #	45
60) Dibromochloromethane	10.974	129	5856	2.69	ug/l #	11
64) Tetrachloroethene	10.979	164	6125	0.37	ug/l	92
71) Bromoform	12.715	173	349	2.75	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	629718	24.61	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	629718	78.07	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	97	2.88	ug/l #	12
95) Naphthalene	15.509	128	755	4.00	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.700	180	229	2.45	ug/l #	12

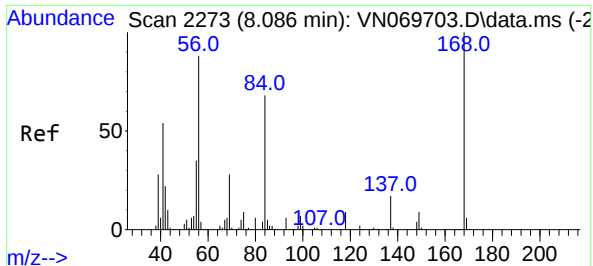
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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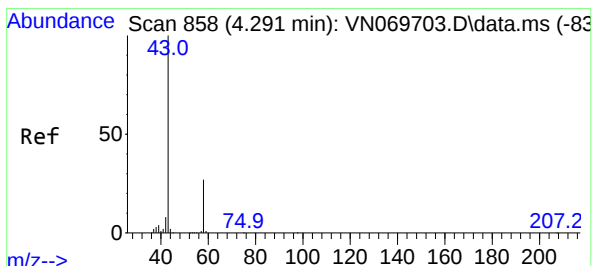
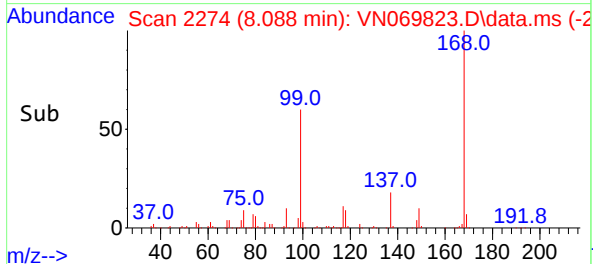
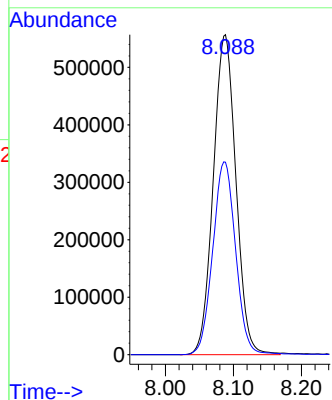
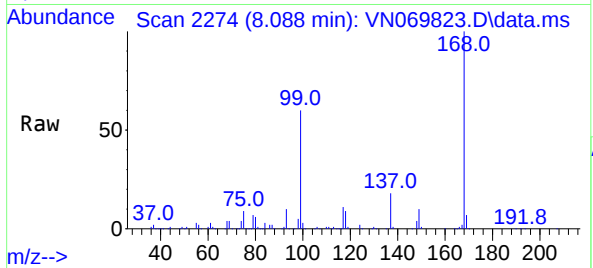




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

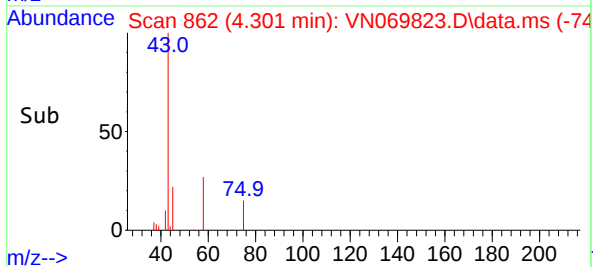
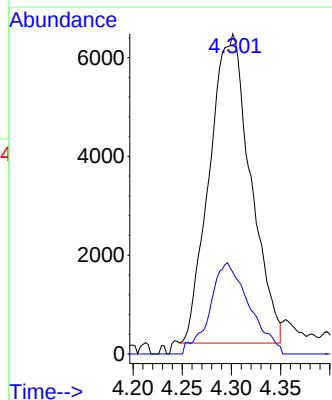
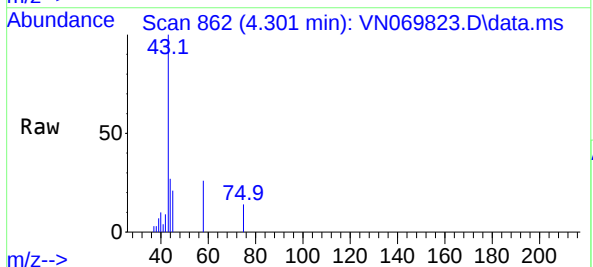
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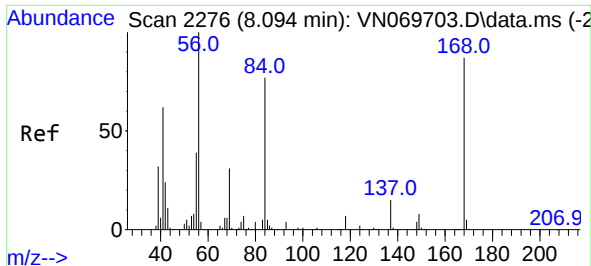
Tgt Ion:168 Resp: 1289588
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 1.52 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 43 Resp: 18169
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7

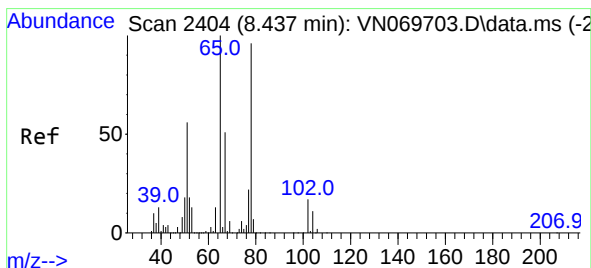
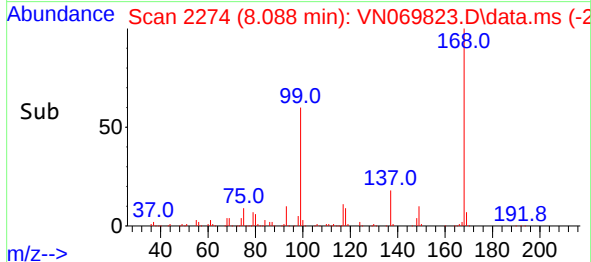
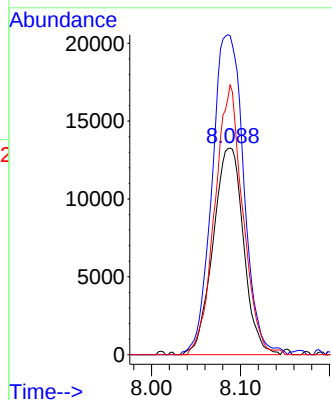
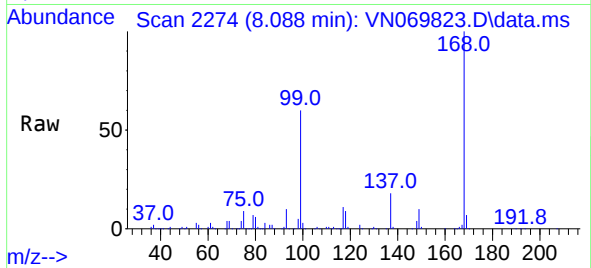




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

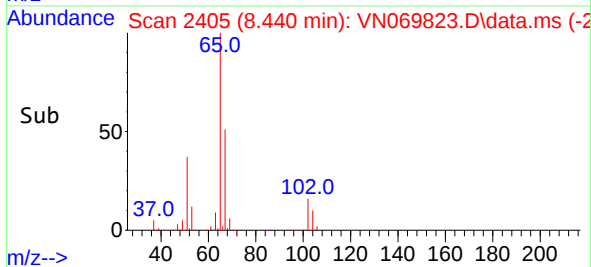
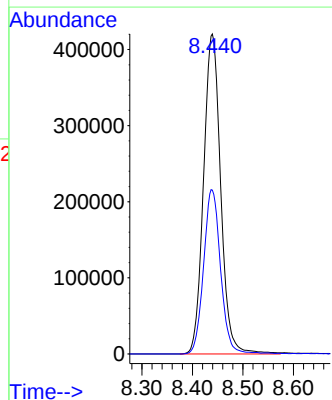
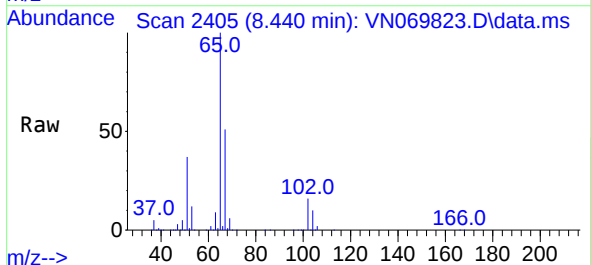
Instrument :
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ClientSampleId :
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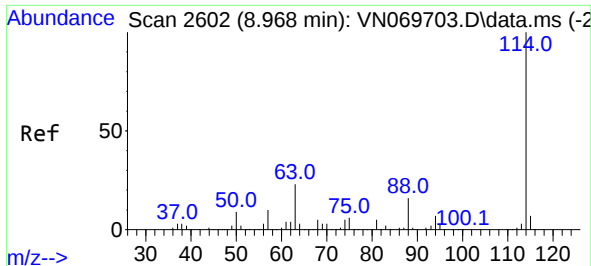
Tgt Ion: 56 Resp: 31576
Ion Ratio Lower Upper
56 100
69 154.4 27.1 40.7#
84 130.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.86 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 65 Resp: 992746
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069823.D

Acq: 7 Dec 2021 18:48

Instrument :

MSVOA_N

ClientSampleId :

MW201D1-20211205

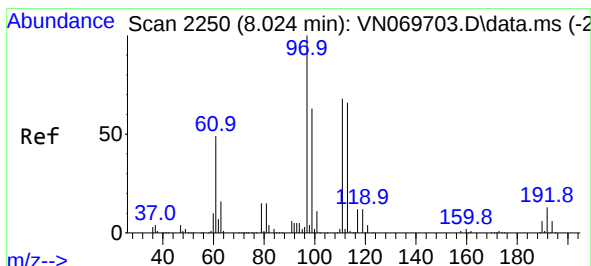
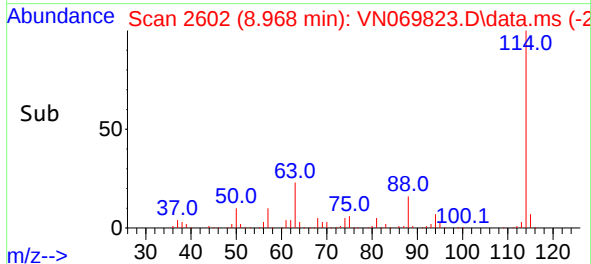
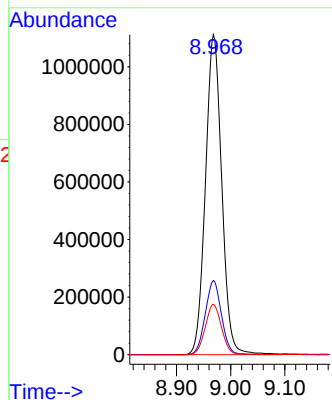
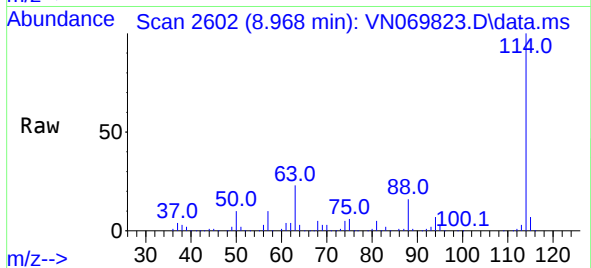
Tgt Ion:114 Resp: 2323487

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 15.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.58 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069823.D

Acq: 7 Dec 2021 18:48

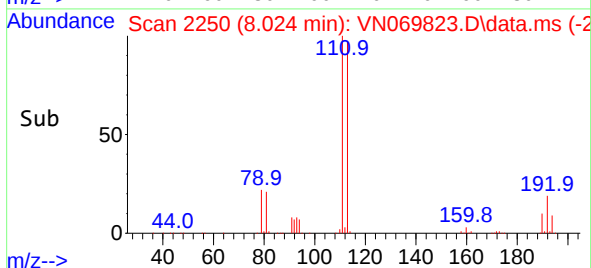
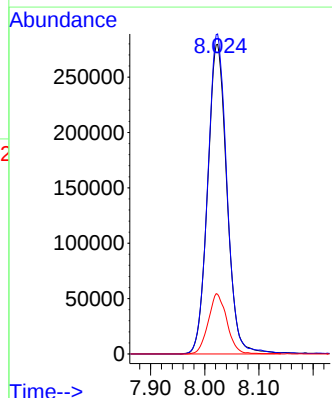
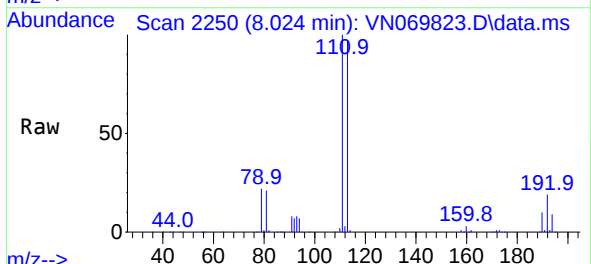
Tgt Ion:113 Resp: 692432

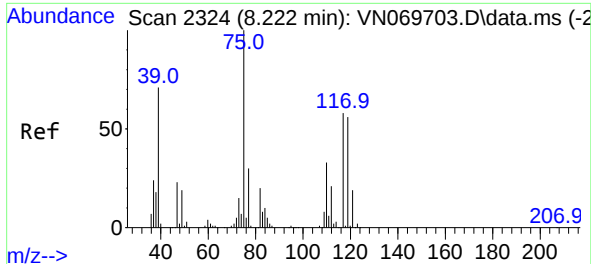
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 18.8 16.9 25.3

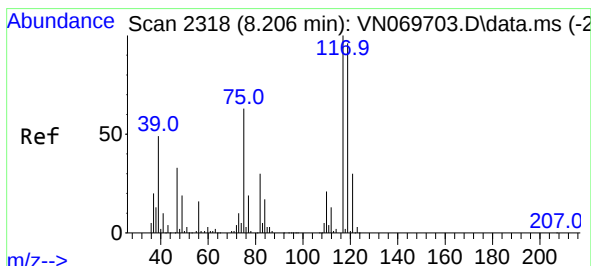
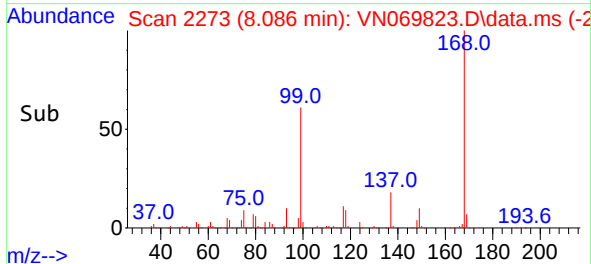
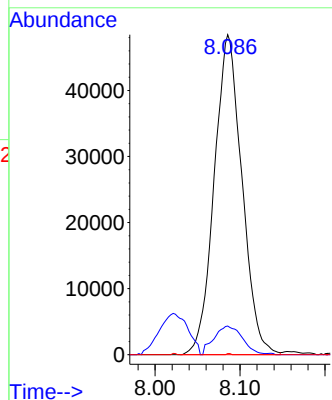
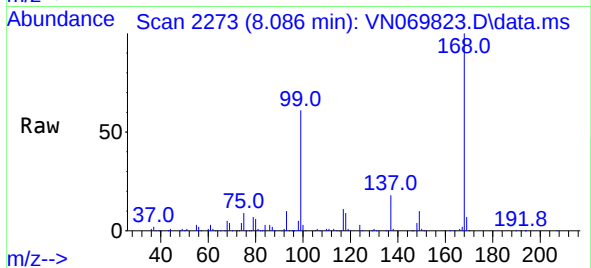




#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

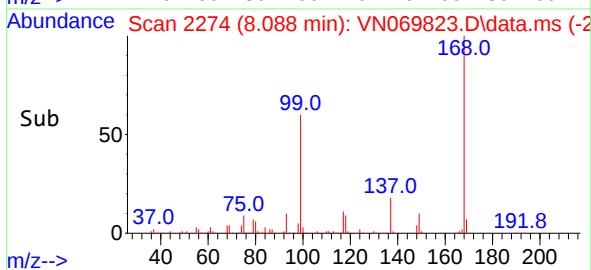
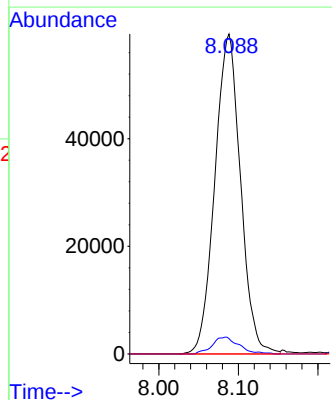
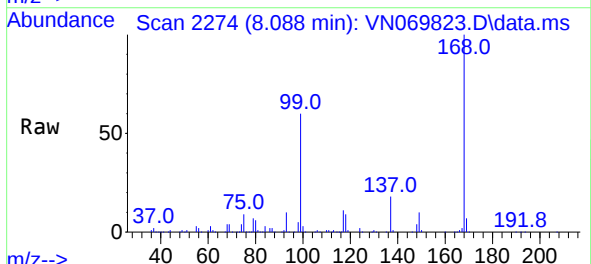
Instrument :
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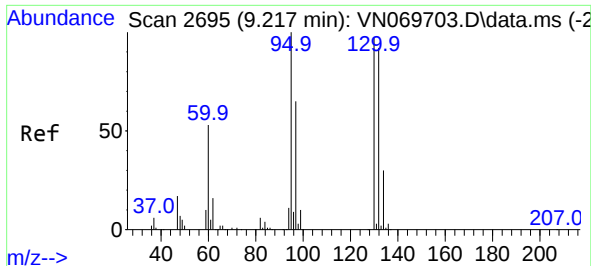
Tgt Ion: 75 Resp: 109896
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 117 Resp: 133193
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#

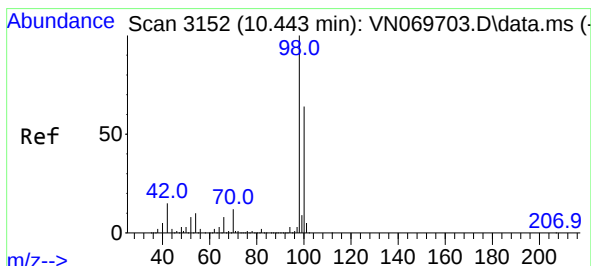
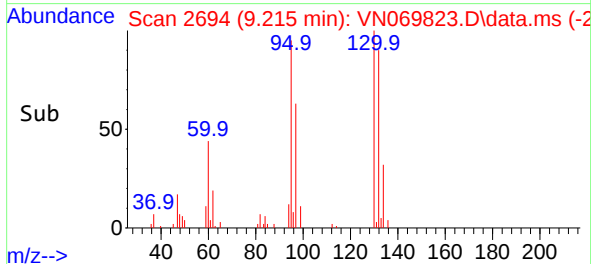
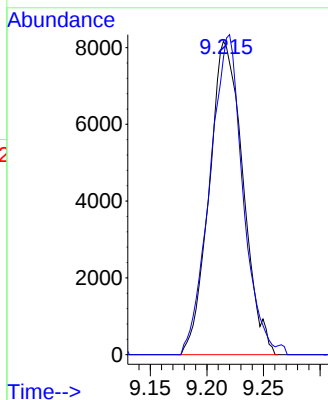
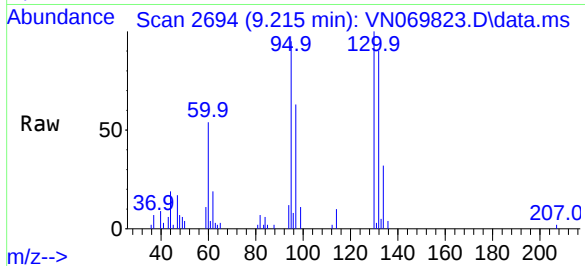




#44
Trichloroethene
Concen: 1.04 ug/l
RT: 9.215 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

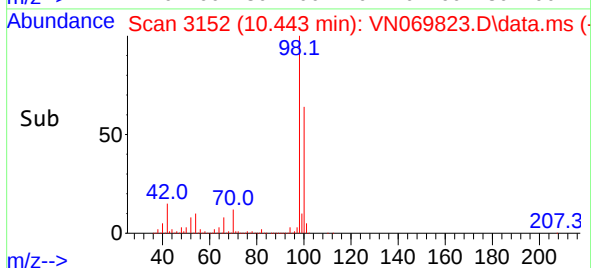
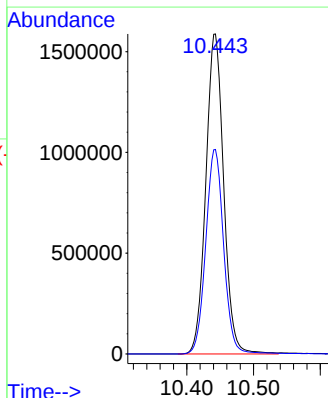
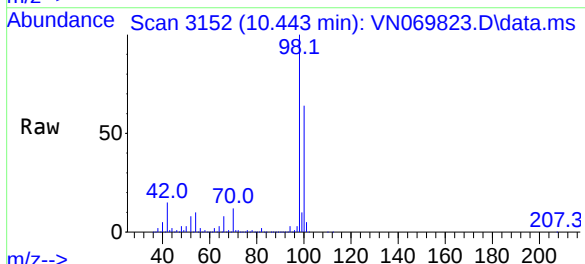
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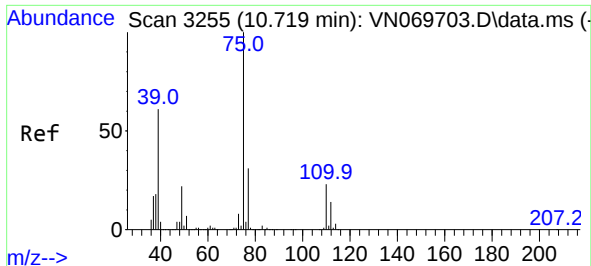
Tgt Ion:130 Resp: 16861
Ion Ratio Lower Upper
130 100
95 94.8 0.0 191.2



#50
Toluene-d8
Concen: 50.48 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 98 Resp: 2950139
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

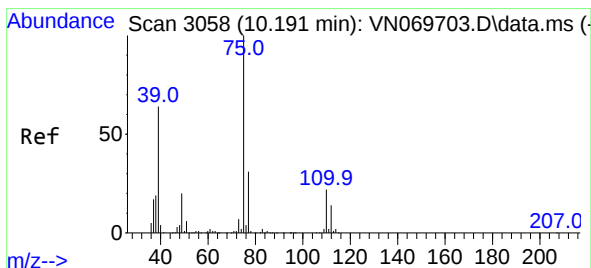
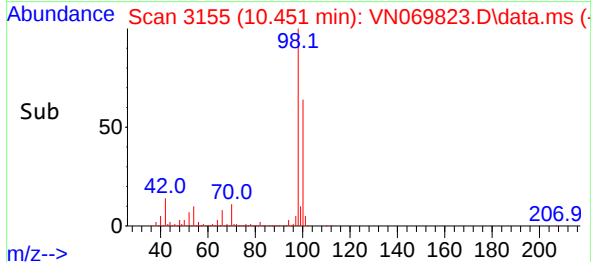
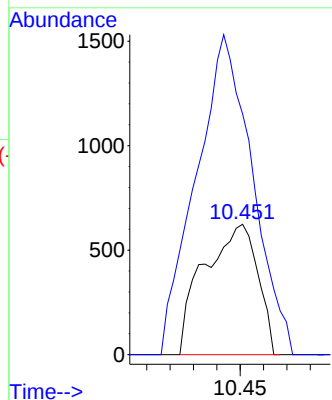
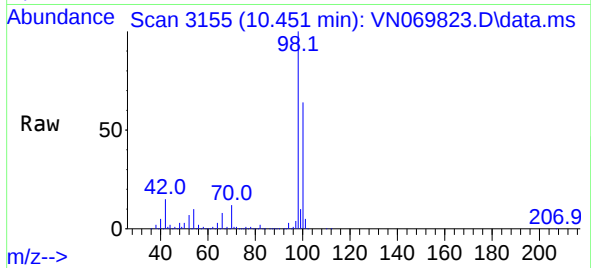




#53
t-1,3-Dichloropropene
Concen: 2.83 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.268 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

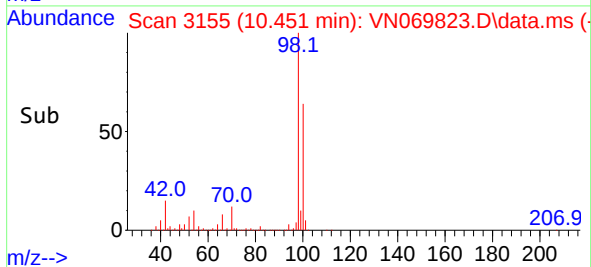
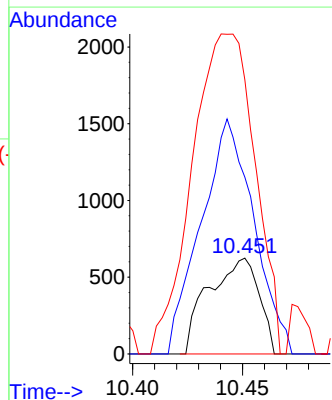
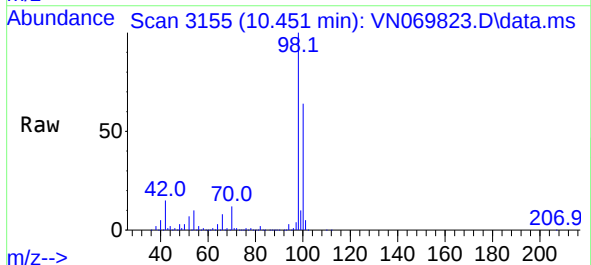
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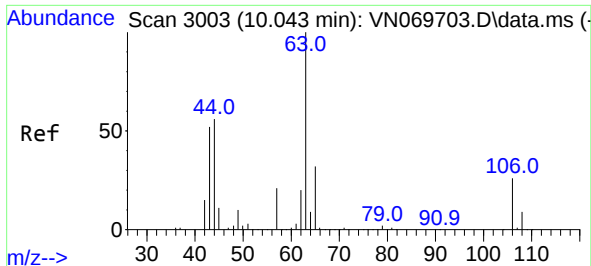
Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
77 151.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. 0.260 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
77 151.1 26.4 39.6#
39 286.4 42.5 63.7#

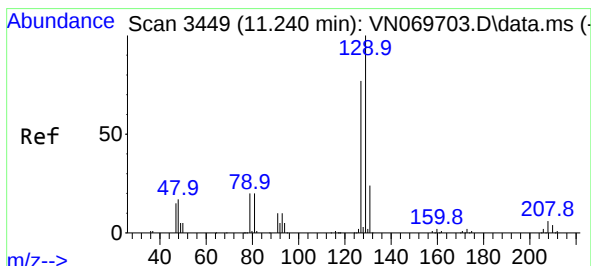
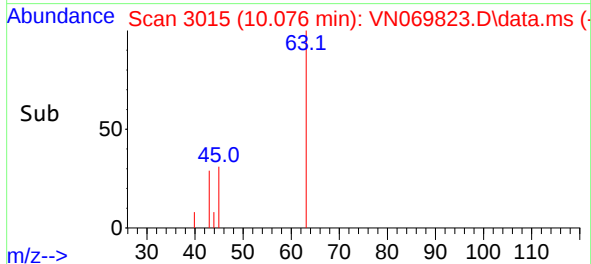
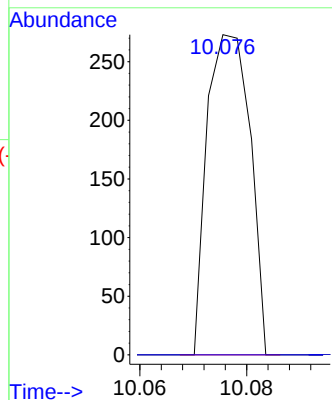
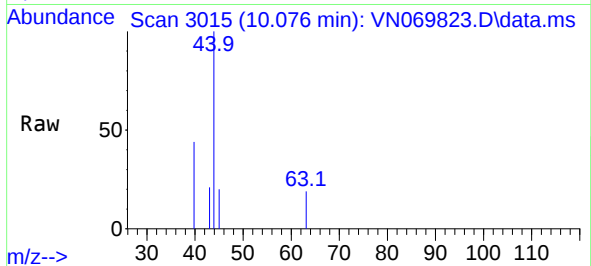




#58
2-Chloroethyl Vinyl ether
Concen: 18.41 ug/l
RT: 10.076 min Scan# 3003
Delta R.T. 0.033 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

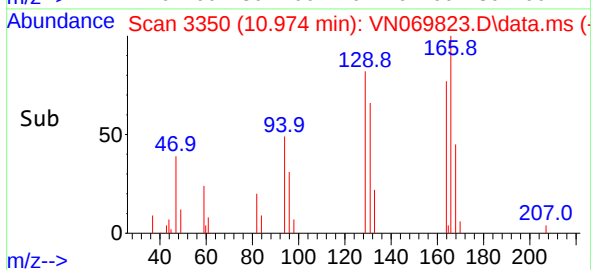
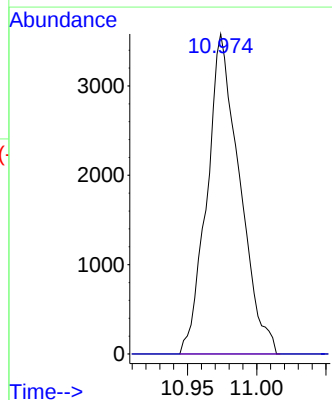
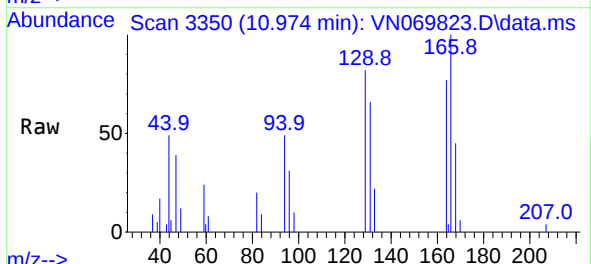
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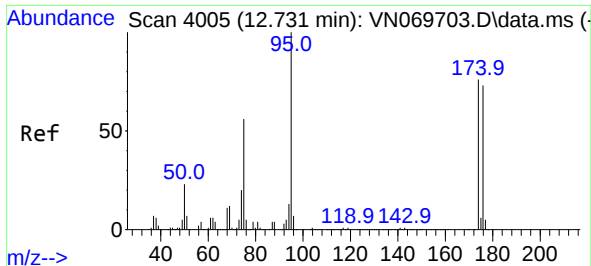
Tgt Ion: 63 Resp: 153
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#60
Dibromochloromethane
Concen: 2.69 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.266 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 129 Resp: 5856
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

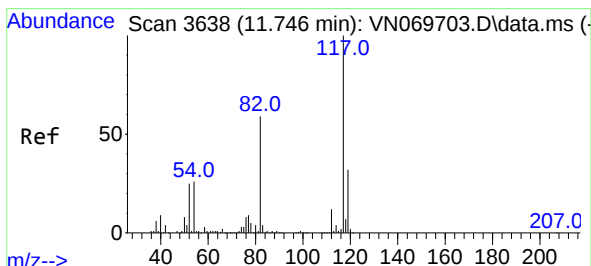
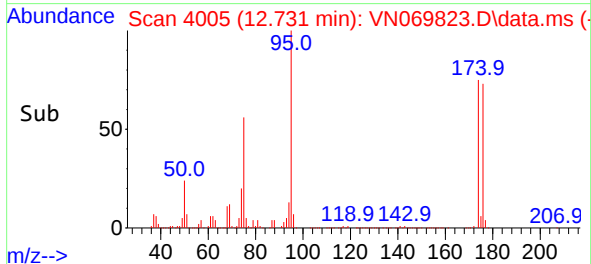
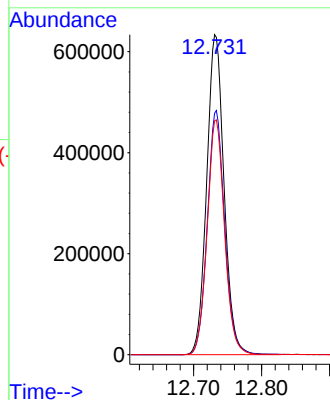
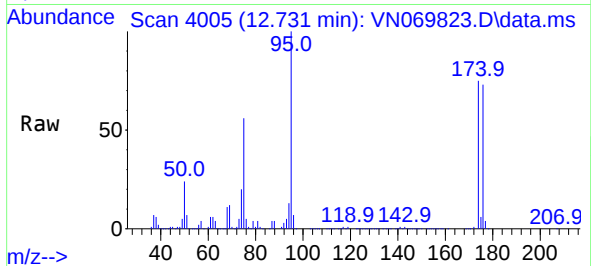




#62
4-Bromofluorobenzene
Concen: 53.14 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

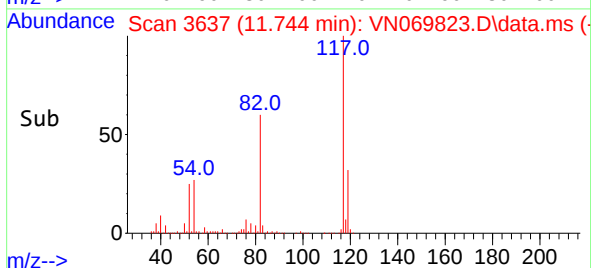
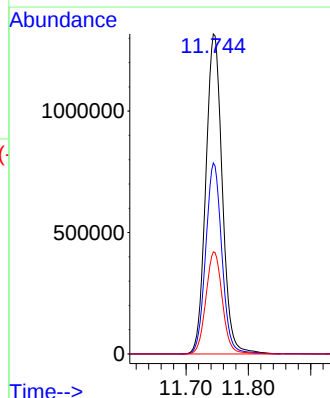
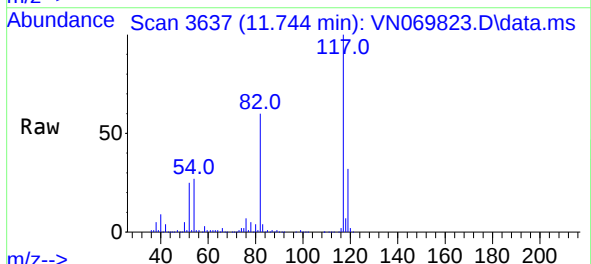
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20211205

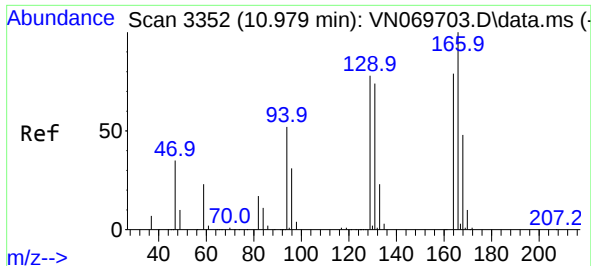
Tgt Ion: 95 Resp: 1125102
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

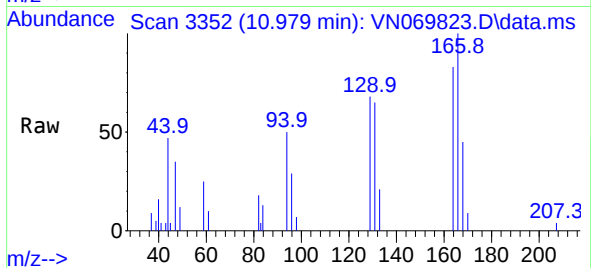
Tgt Ion: 117 Resp: 2419235
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.9 25.4 38.2



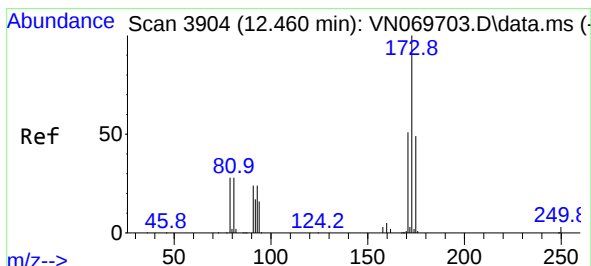
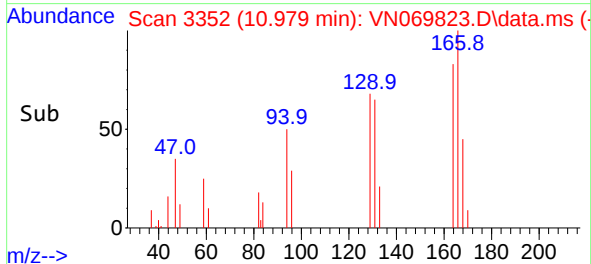
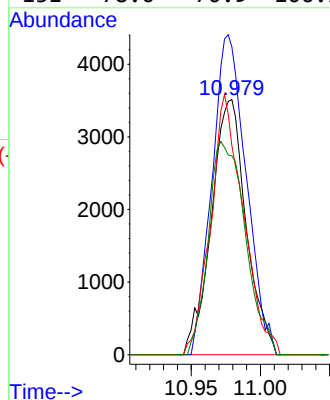


#64
Tetrachloroethene
Concen: 0.37 ug/l
RT: 10.979 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20211205

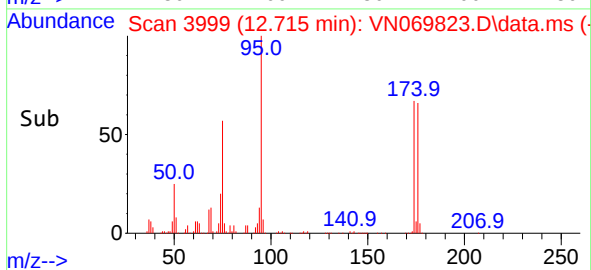
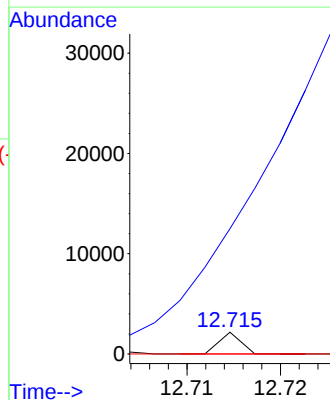
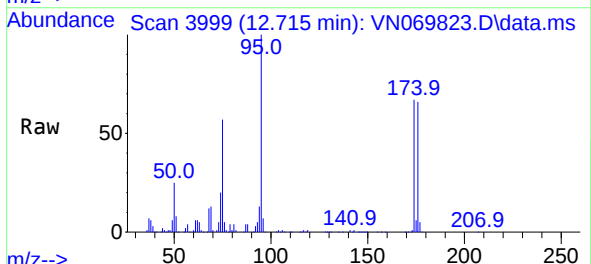


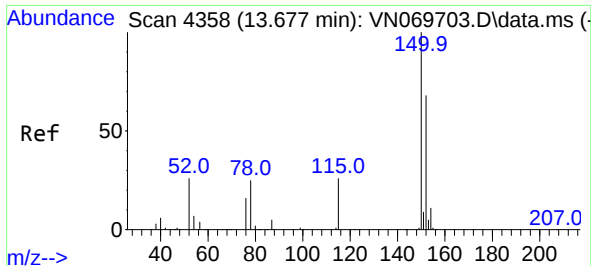
Tgt Ion:164 Resp: 6125
Ion Ratio Lower Upper
164 100
166 120.5 101.9 152.9
129 81.8 72.0 108.0
131 78.0 70.9 106.3



#71
Bromoform
Concen: 2.75 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion:173 Resp: 349
Ion Ratio Lower Upper
173 100
175 18045.8 24.2 72.6#
254 0.0 0.0 0.0

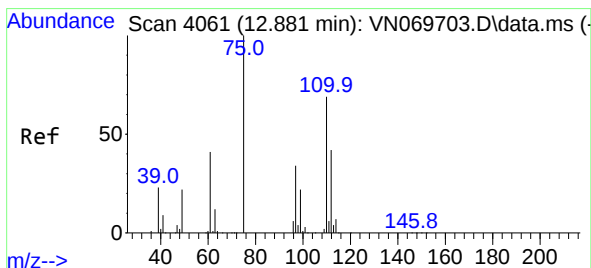
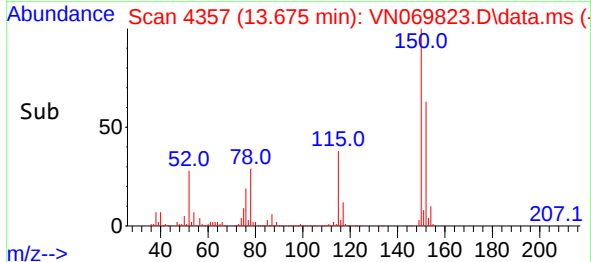
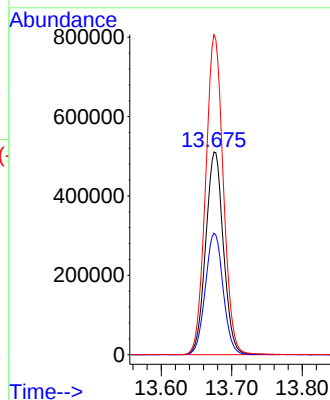
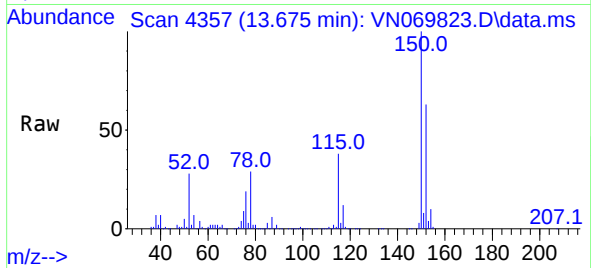




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

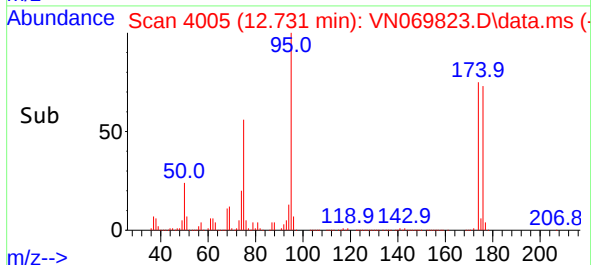
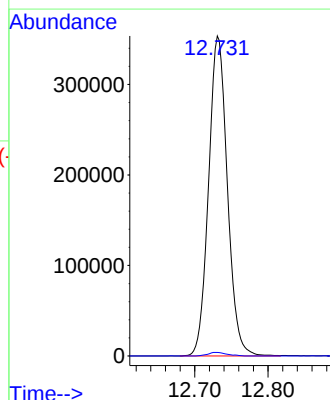
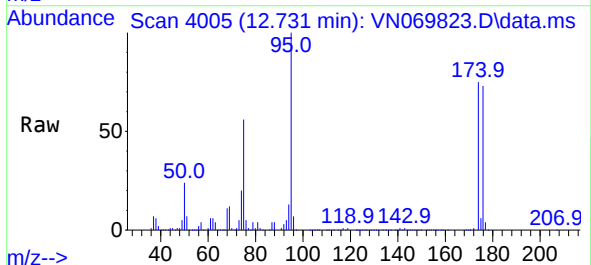
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20211205

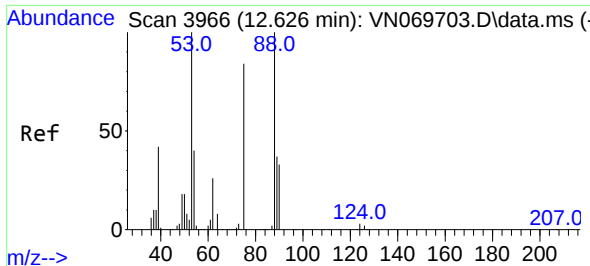
Tgt Ion:152 Resp: 892161
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 156.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 24.61 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion: 75 Resp: 629718
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

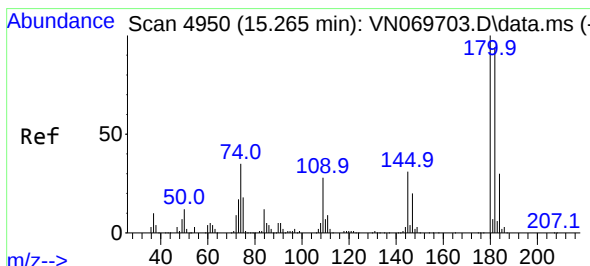
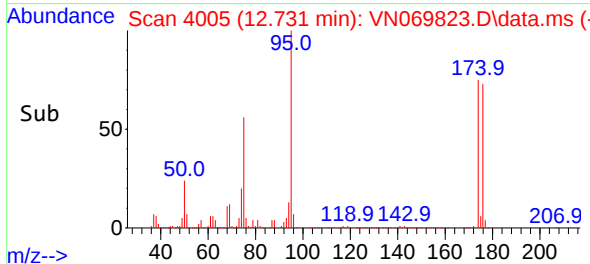
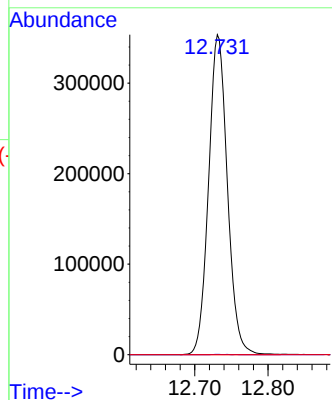
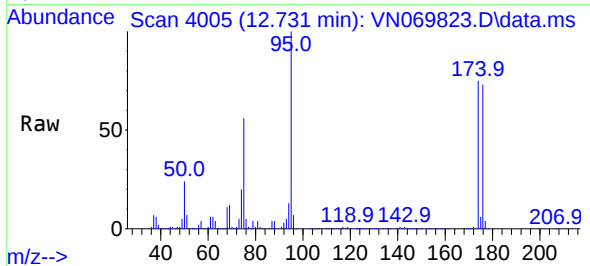




#81
trans-1,4-Dichloro-2-butene
Concen: 78.07 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

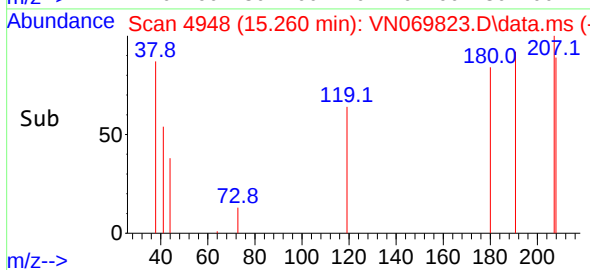
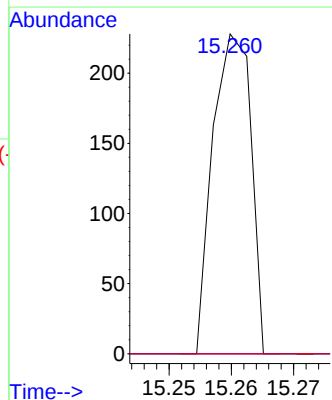
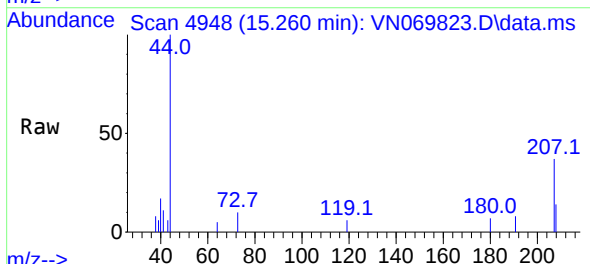
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20211205

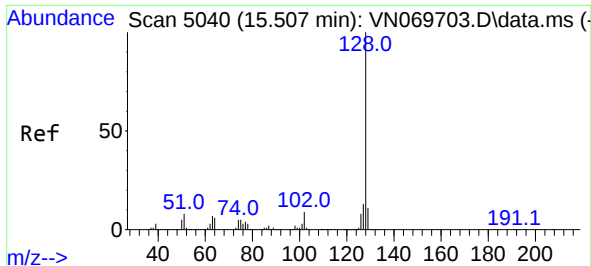
Tgt Ion: 75 Resp: 629718
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.88 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion:180 Resp: 97
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#

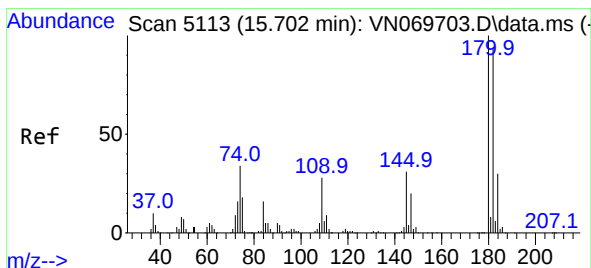
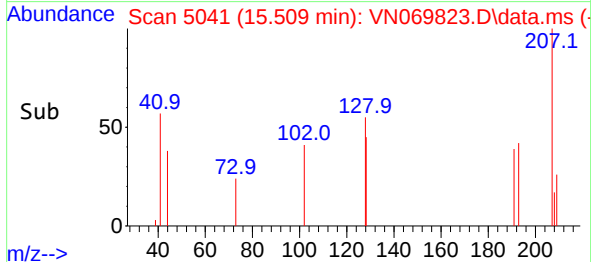
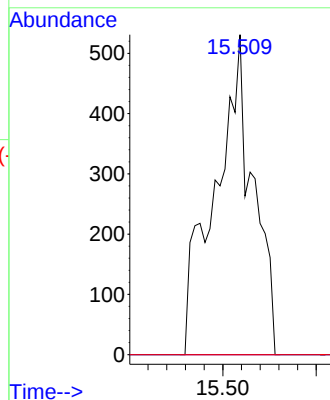
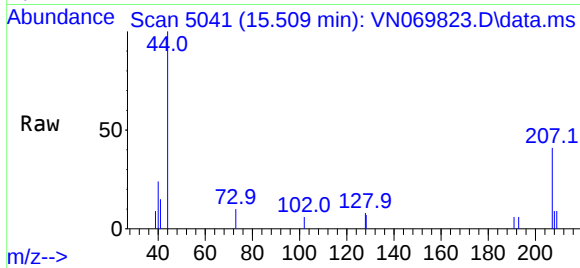




#95
Naphthalene
Concen: 4.00 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20211205

Tgt Ion:128 Resp: 755
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.45 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069823.D
Acq: 7 Dec 2021 18:48

Tgt Ion:180 Resp: 229
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

