

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070219.D
 Acq On : 18 Dec 2021 17:43
 Operator : JC/MD
 Sample : M5044-10 10X
 Misc : 5.62g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

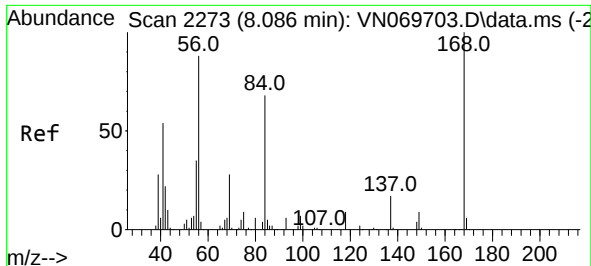
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:48:48 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)

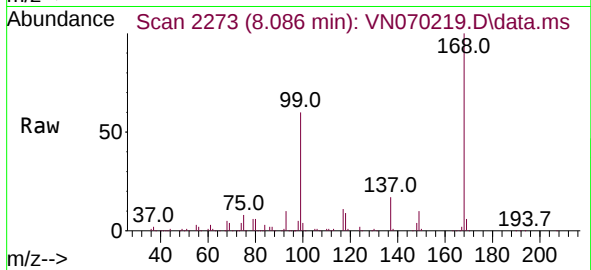
Internal Standards						
1) Pentafluorobenzene	8.086	168	1177822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2251244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2768153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1169971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	932781	51.292	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.580%	
35) Dibromofluoromethane	8.021	113	640283	45.406	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 90.820%	
50) Toluene-d8	10.440	98	3044727	53.773	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.731	95	1418133	69.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 138.260%#	
Target Compounds						Qvalue
5) Bromomethane	2.832	94	2678	0.311	ug/l	97
11) Tert butyl alcohol	5.315	59	18234	5.304	ug/l #	71
16) Acetone	4.285	43	5862	0.536	ug/l	95
20) Methylene Chloride	5.087	84	3146	0.216	ug/l	93
31) Cyclohexane	8.080	56	29385	1.161	ug/l #	25
36) 1,1-Dichloropropene	8.086	75	101145	4.720	ug/l #	49
38) Carbon Tetrachloride	8.086	117	121878	5.799	ug/l #	16
53) t-1,3-Dichloropropene	10.730	75	100	2.798	ug/l #	43
54) cis-1,3-Dichloropropene	10.435	75	248	2.007	ug/l #	1
56) Ethyl methacrylate	10.896	69	95	2.282	ug/l #	1
60) Dibromochloromethane	10.974	129	78	2.381	ug/l #	11
71) Bromoform	12.712	173	617	2.765	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	779390	23.229	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	779390	73.913	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	582	2.906	ug/l #	53
95) Naphthalene	15.504	128	13904	4.209	ug/l	98
96) 1,2,3-Trichlorobenzene	15.694	180	579	2.465	ug/l	78

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

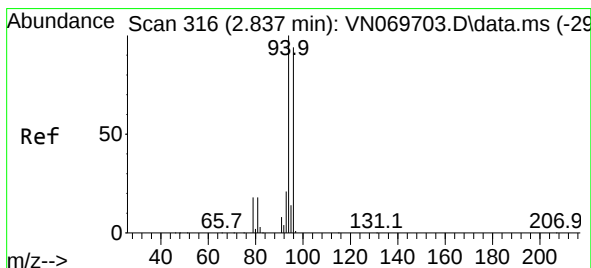
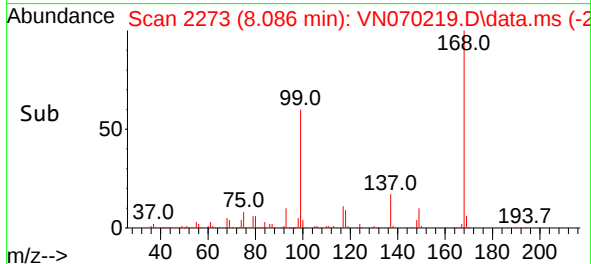
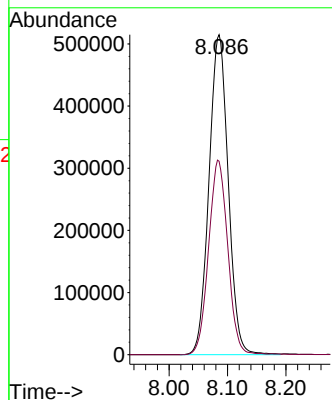


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :

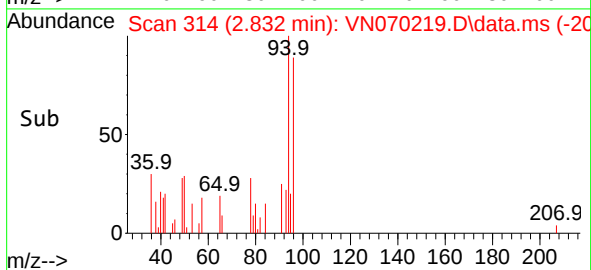
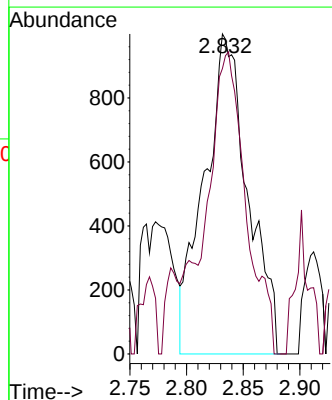
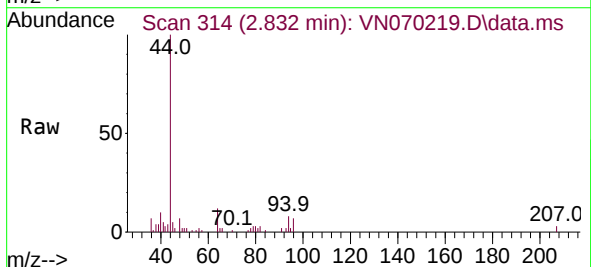


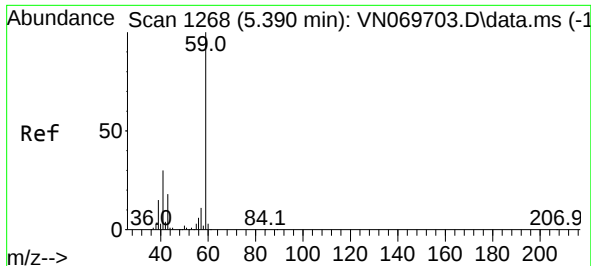
Tgt Ion:168 Resp: 1177822
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#5
Bromomethane
Concen: 0.311 ug/l
RT: 2.832 min Scan# 314
Delta R.T. -0.005 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion: 94 Resp: 2678
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.8

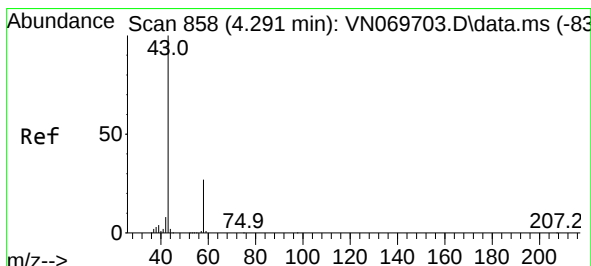
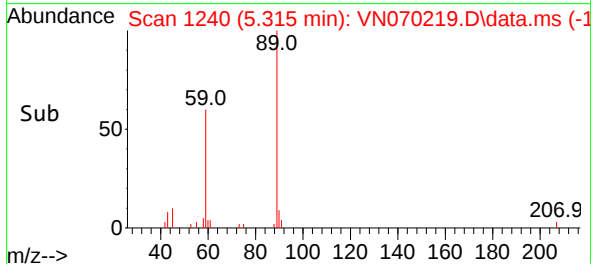
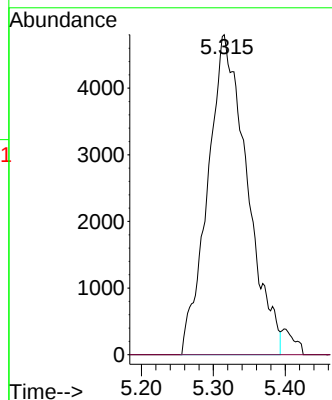
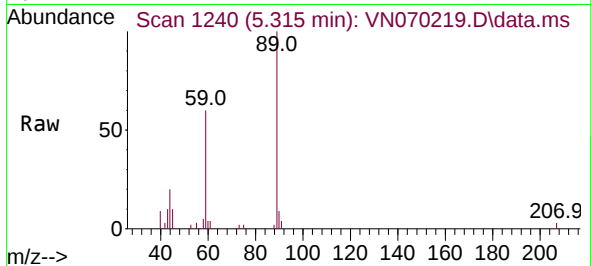




#11
Tert butyl alcohol
Concen: 5.304 ug/l
RT: 5.315 min Scan# 11
Delta R.T. -0.075 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

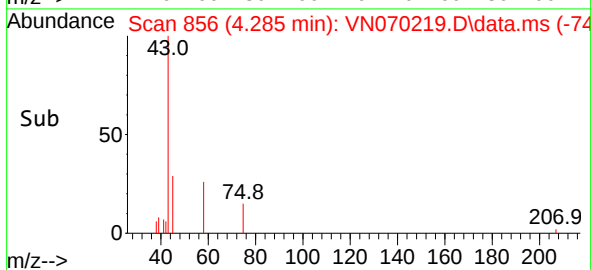
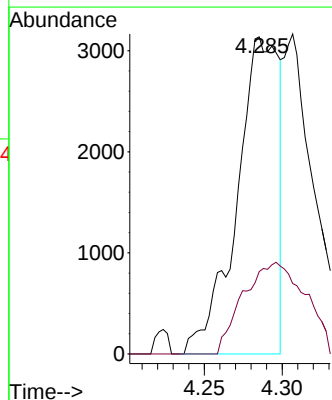
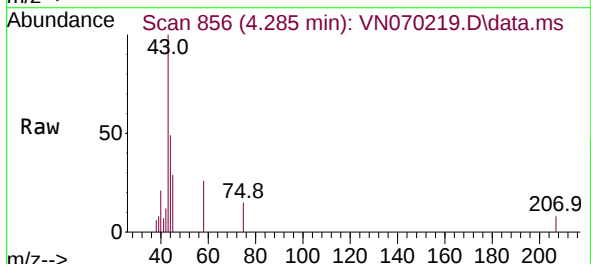
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MSVOA_N
ClientSampleId :

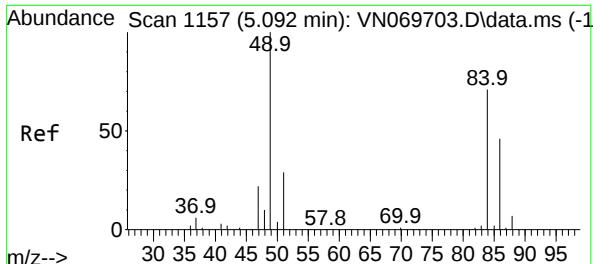
Tgt Ion: 59 Resp: 18234
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.536 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion: 43 Resp: 5862
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7

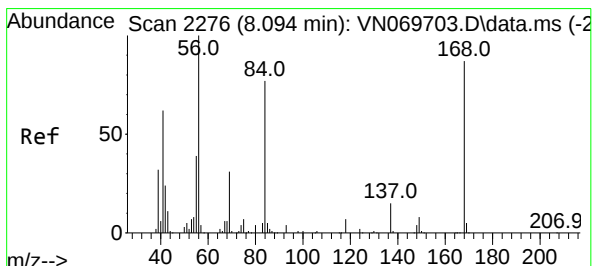
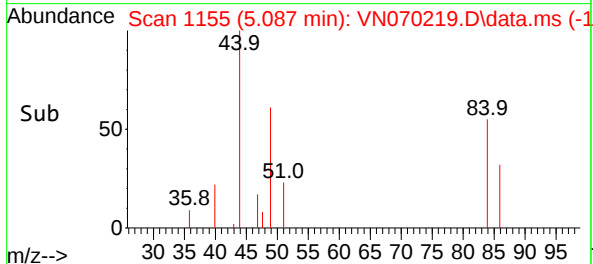
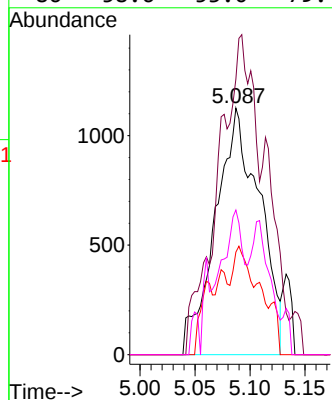
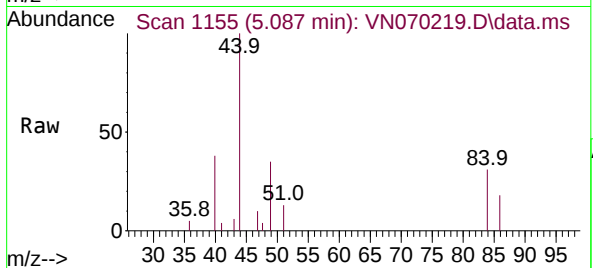




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.005 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

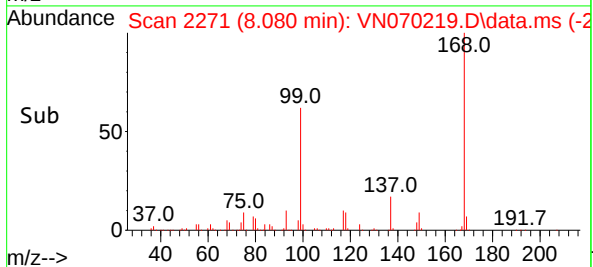
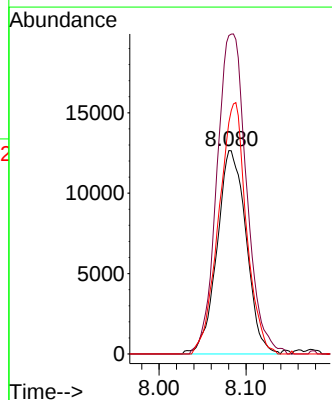
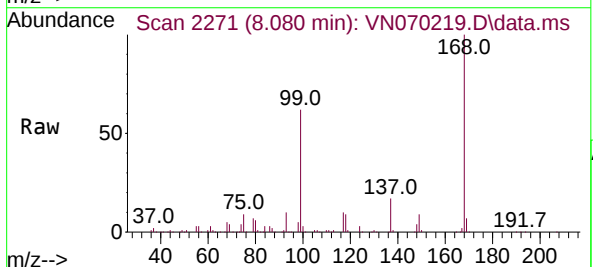
Instrument :
MSVOA_N
ClientSampleId :

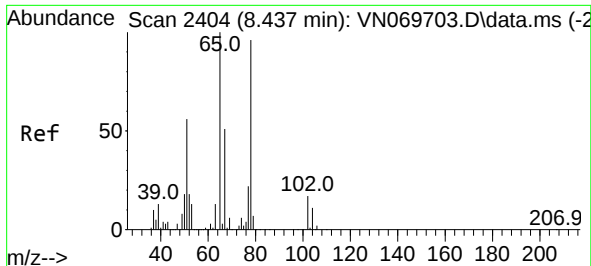
Tgt Ion:	84	Resp:	3146
Ion	Ratio	Lower	Upper
84	100		
49	111.7	93.5	140.3
51	41.6	29.4	44.2
86	58.6	53.0	79.4



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.013 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion:	56	Resp:	29385
Ion	Ratio	Lower	Upper
56	100		
69	156.5	27.1	40.7#
84	113.8	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.292 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070219.D

Acq: 18 Dec 2021 17:43

Instrument :

MSVOA_N

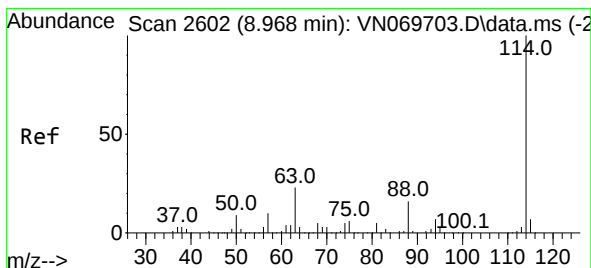
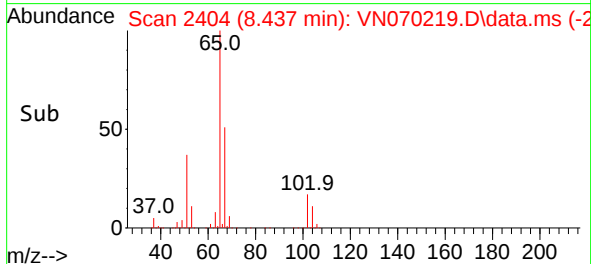
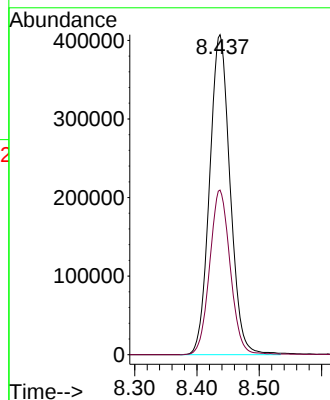
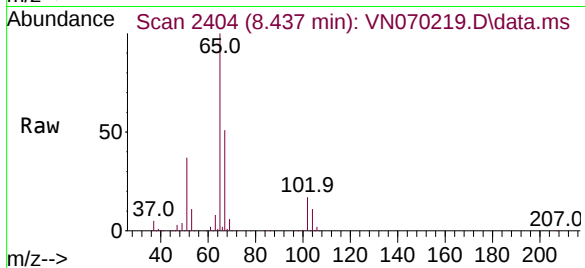
ClientSampleId :

Tgt Ion: 65 Resp: 932781

Ion Ratio Lower Upper

65 100

67 51.4 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: VN070219.D

Acq: 18 Dec 2021 17:43

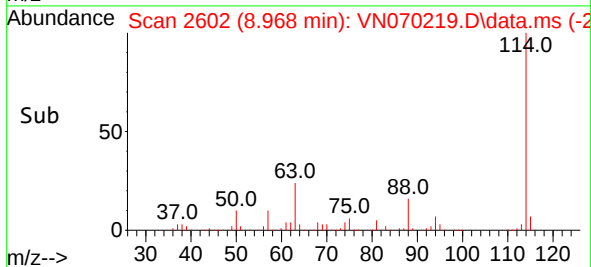
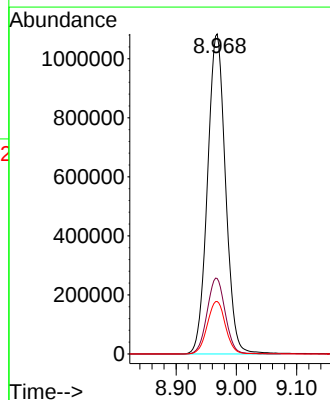
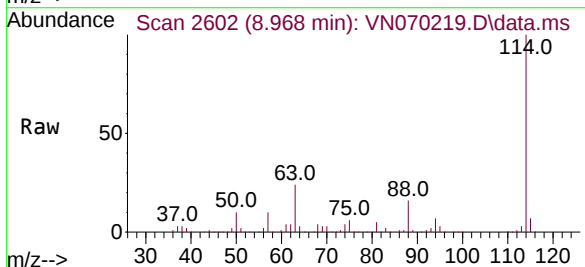
Tgt Ion: 114 Resp: 2251244

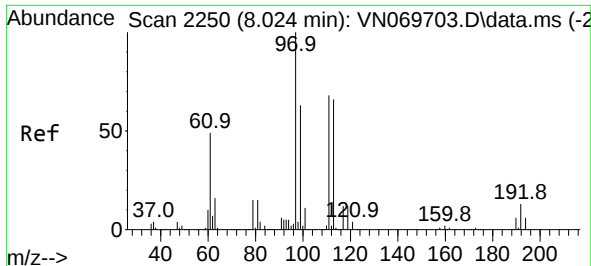
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.4 0.0 27.4

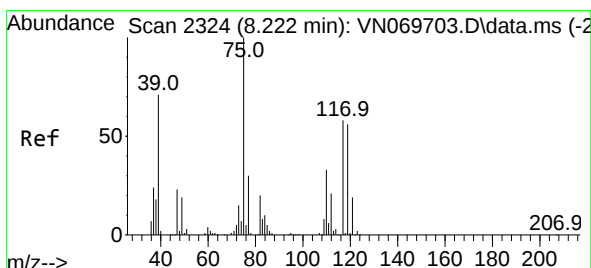
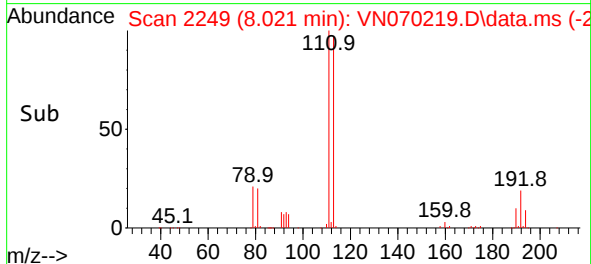
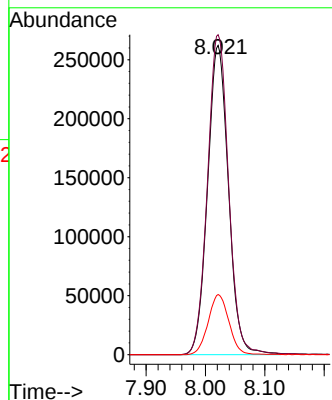
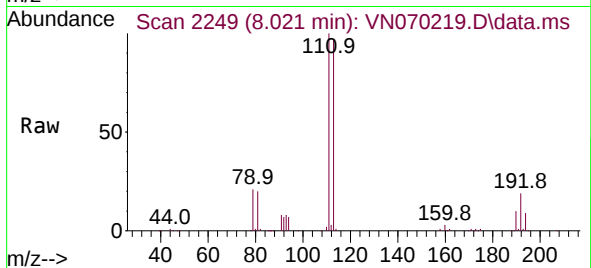




#35
Dibromofluoromethane
Concen: 45.406 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

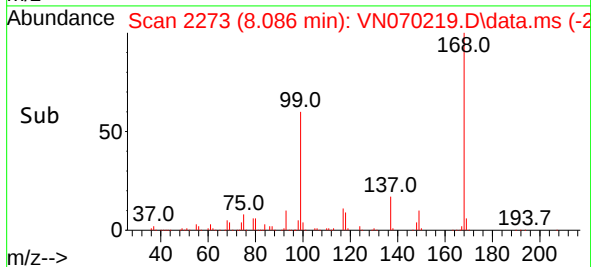
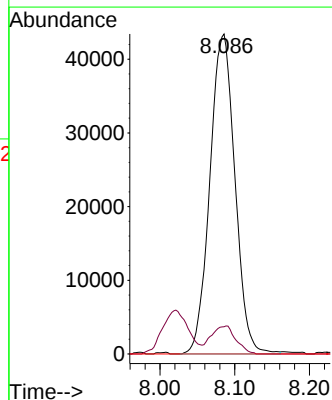
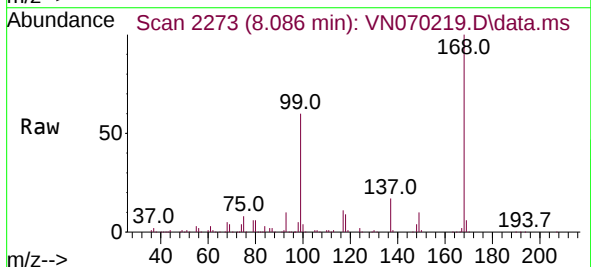
Instrument :
MSVOA_N
ClientSampleId :

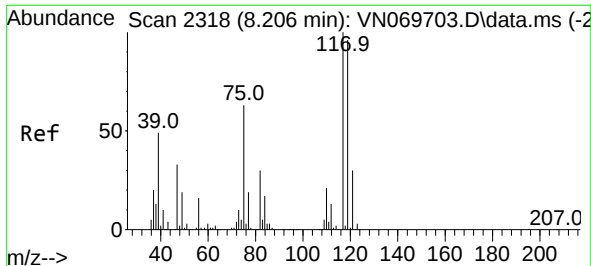
Tgt Ion:113 Resp: 640283
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

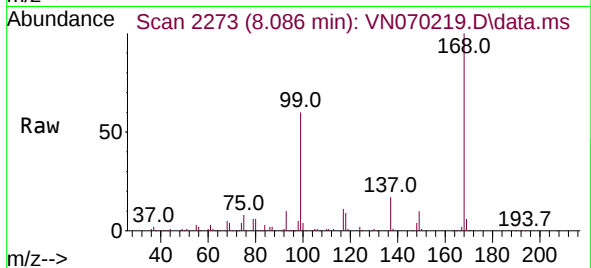
Tgt Ion: 75 Resp: 101145
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



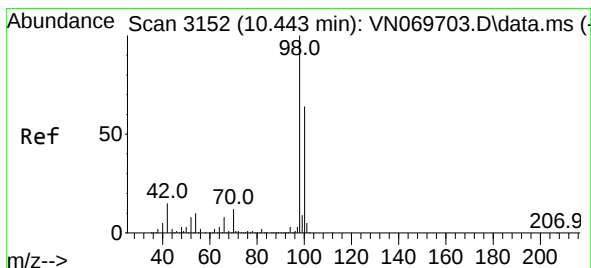
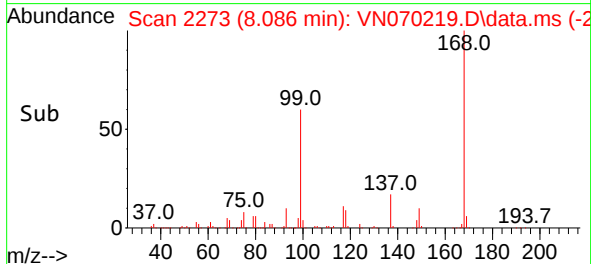
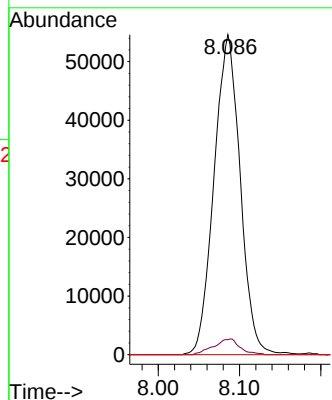


#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :

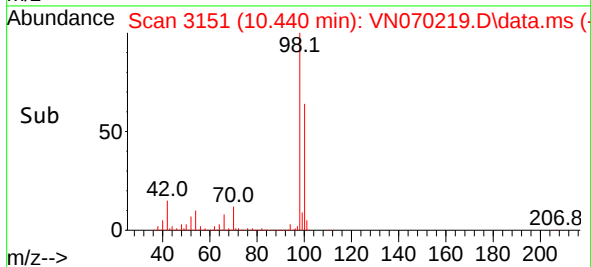
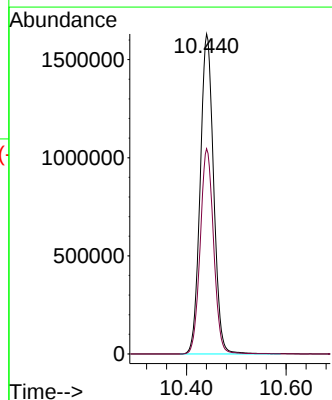
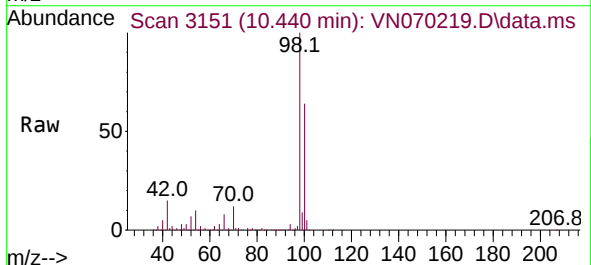


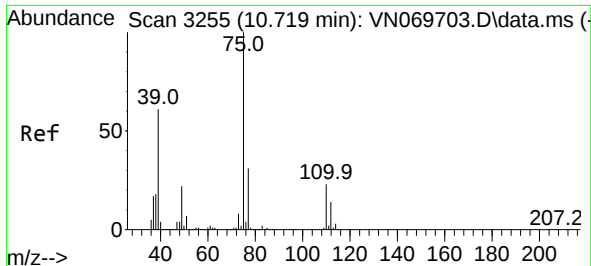
Tgt Ion:117 Resp: 121878
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.773 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

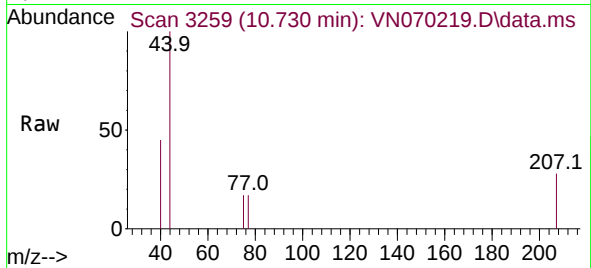
Tgt Ion: 98 Resp: 3044727
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



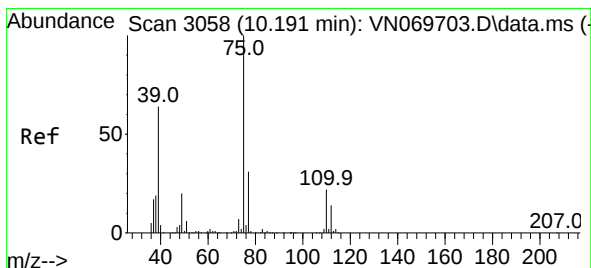
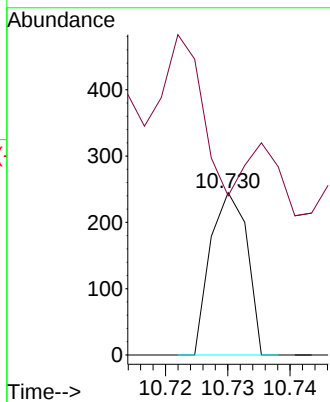
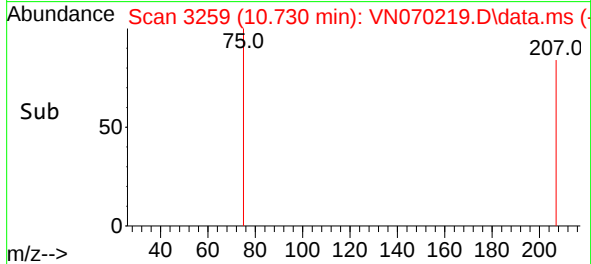


#53
t-1,3-Dichloropropene
Concen: 2.798 ug/l
RT: 10.730 min Scan# 3149
Delta R.T. 0.011 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

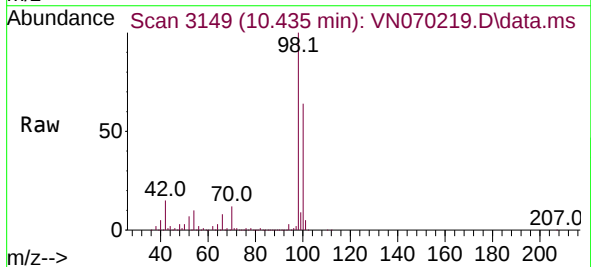
Instrument :
MSVOA_N
ClientSampleId :



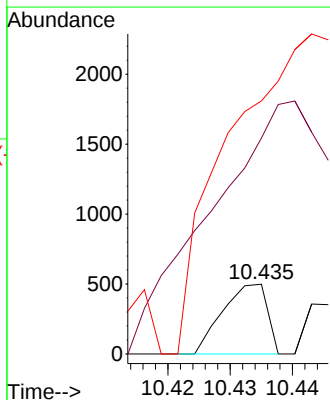
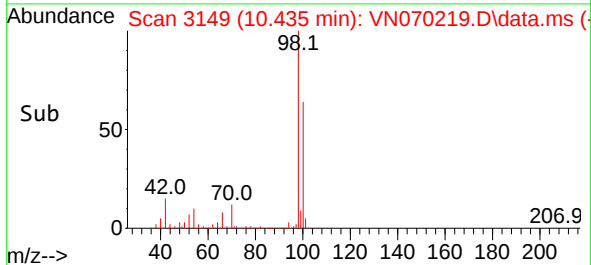
Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

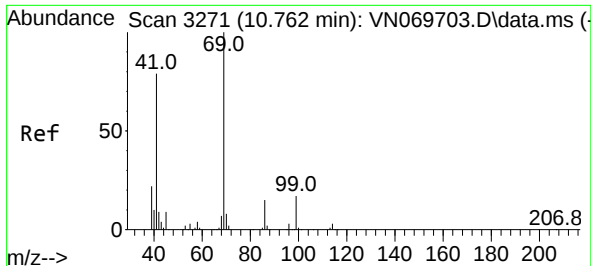


#54
cis-1,3-Dichloropropene
Concen: 2.007 ug/l
RT: 10.435 min Scan# 3149
Delta R.T. 0.244 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43



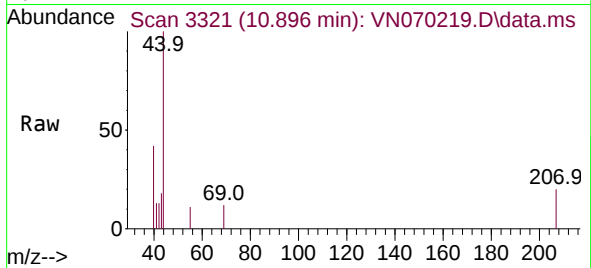
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Ion Ratio Lower Upper
75 100
77 166.5 26.4 39.6#
39 362.5 42.5 63.7#



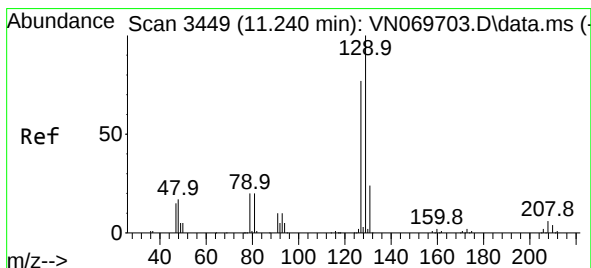
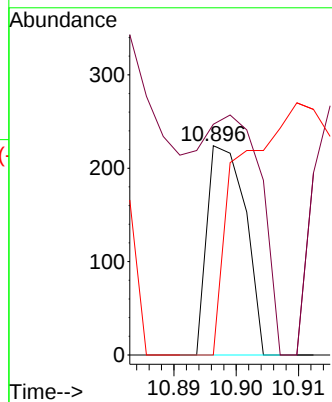
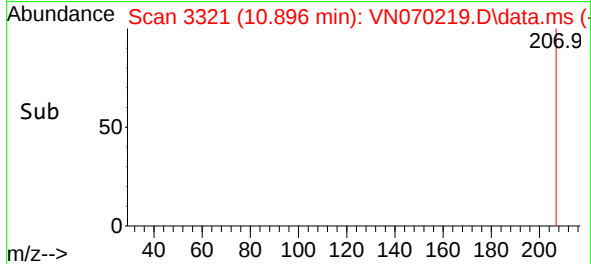


#56
Ethyl methacrylate
Concen: 2.282 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.134 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :

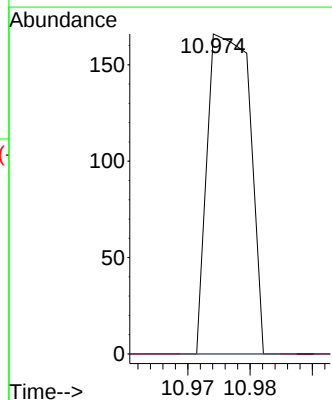
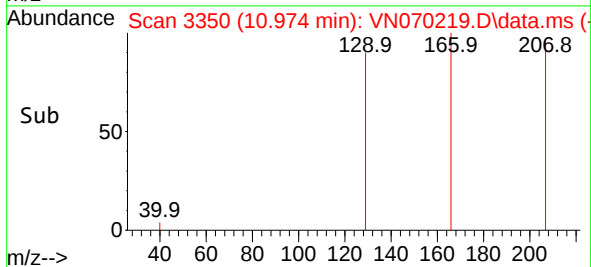
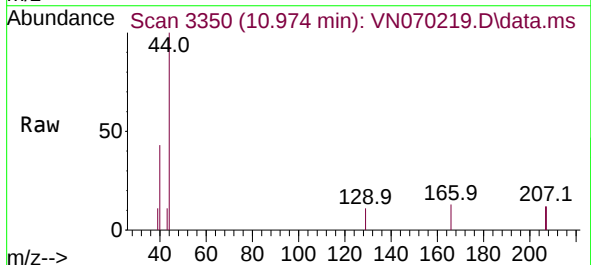


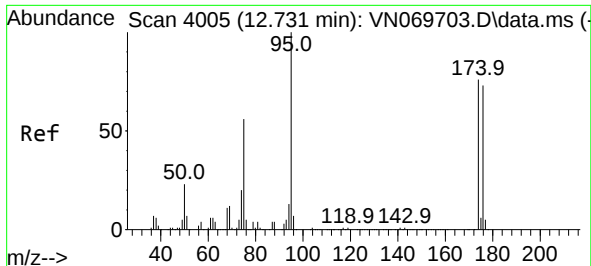
Tgt Ion: 69 Resp: 95
Ion Ratio Lower Upper
69 100
41 116.8 51.4 77.0#
39 342.1 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.266 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion: 129 Resp: 78
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#62

4-Bromofluorobenzene

Concen: 69.134 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN070219.D

Acq: 18 Dec 2021 17:43

Instrument :

MSVOA_N

ClientSampleId :

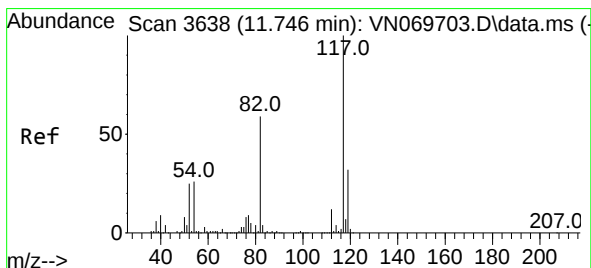
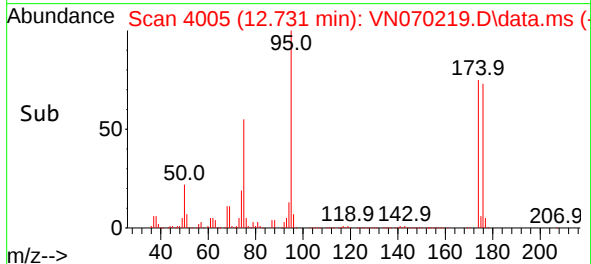
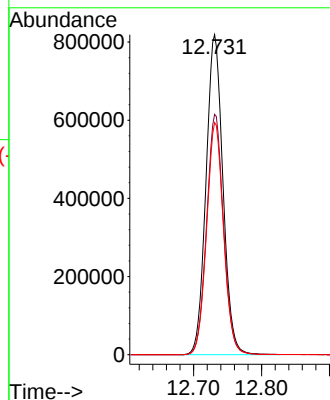
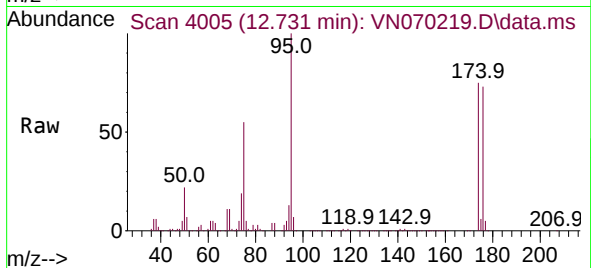
Tgt Ion: 95 Resp: 1418133

Ion Ratio Lower Upper

95 100

174 75.4 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: VN070219.D

Acq: 18 Dec 2021 17:43

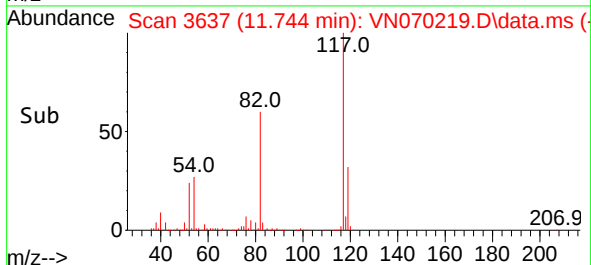
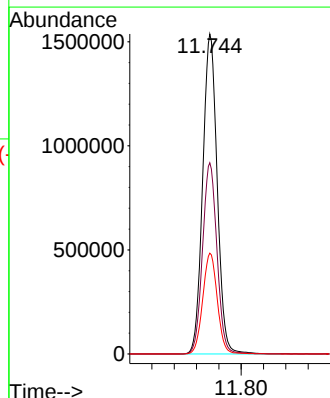
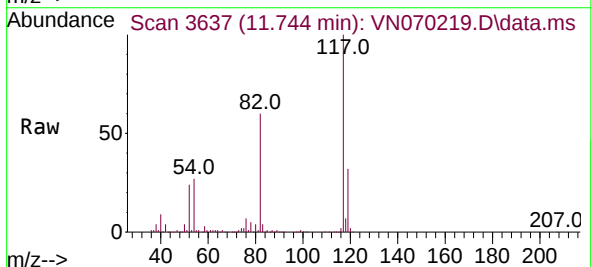
Tgt Ion: 117 Resp: 2768153

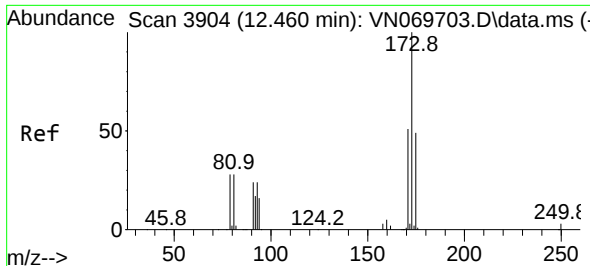
Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 31.5 25.4 38.2

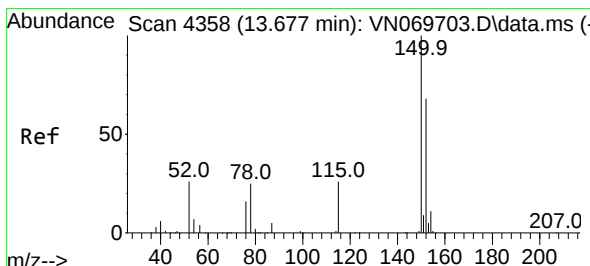
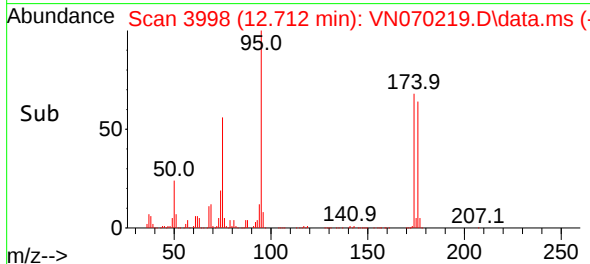
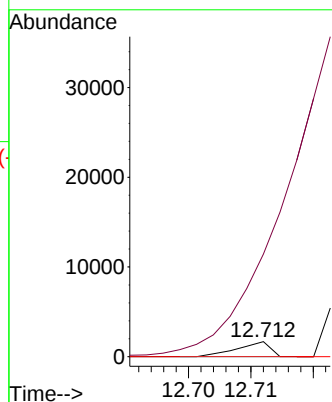
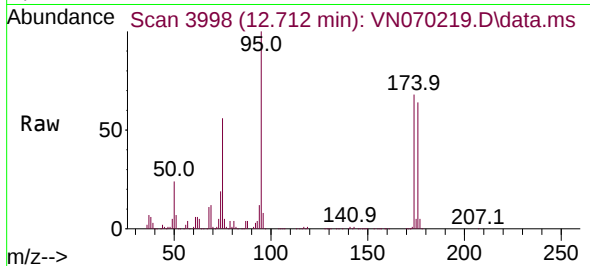




#71
Bromoform
Concen: 2.765 ug/l
RT: 12.712 min Scan# 3904
Delta R.T. 0.252 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

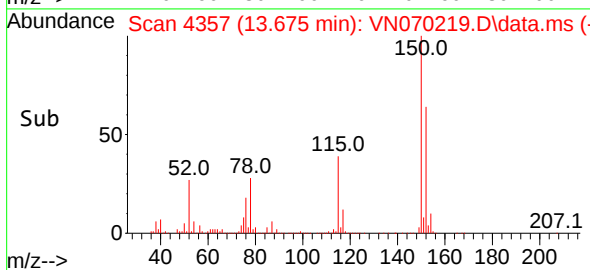
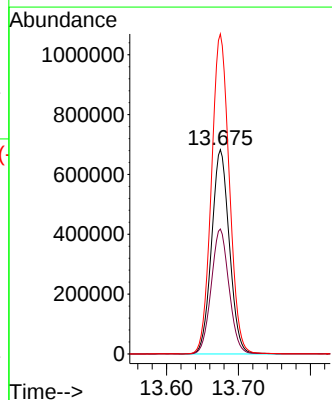
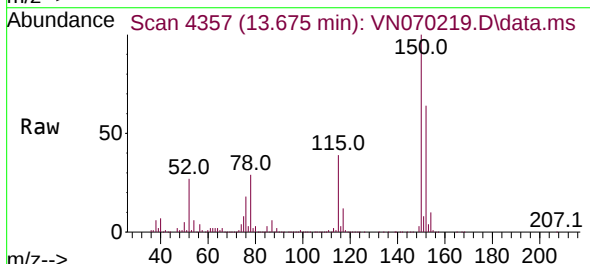
Instrument :
MSVOA_N
ClientSampleId :

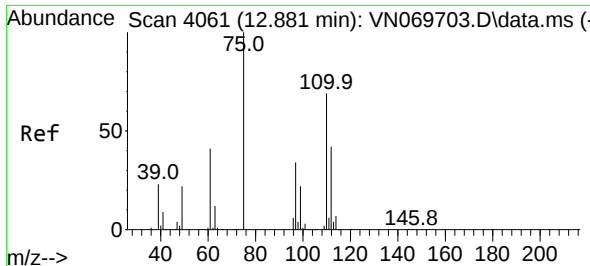
Tgt Ion:173 Resp: 617
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion:152 Resp: 1169971
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.7 0.0 344.4

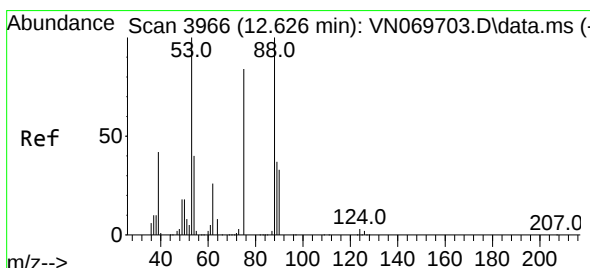
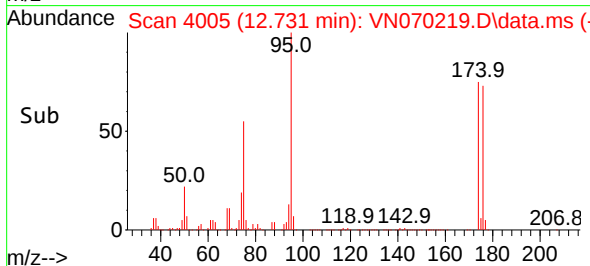
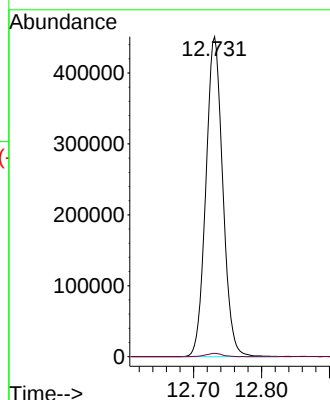
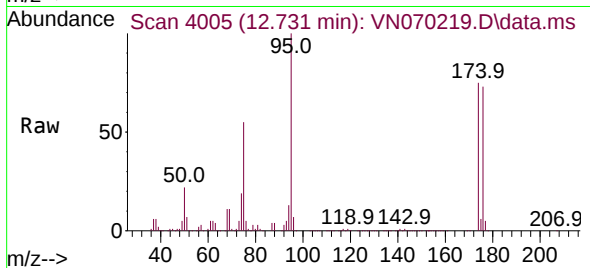




#76
1,2,3-Trichloropropane
Concen: 23.229 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

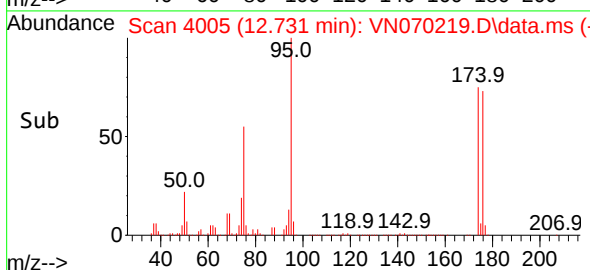
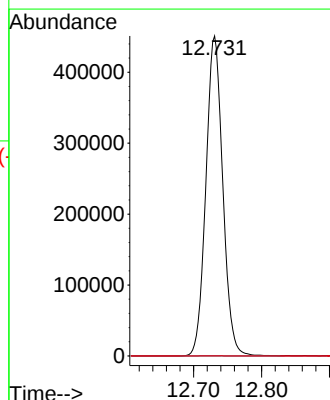
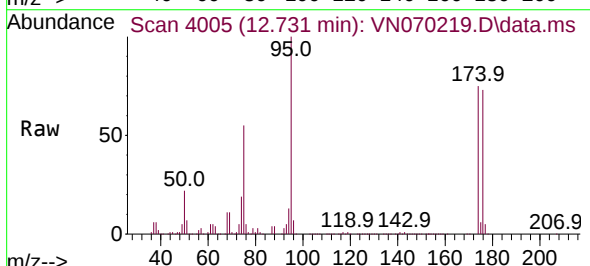
Instrument :
MSVOA_N
ClientSampleId :

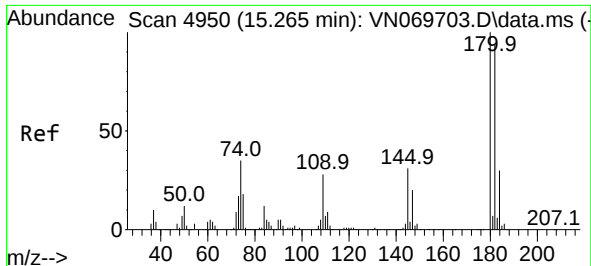
Tgt Ion: 75 Resp: 779390
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.913 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

Tgt Ion: 75 Resp: 779390
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

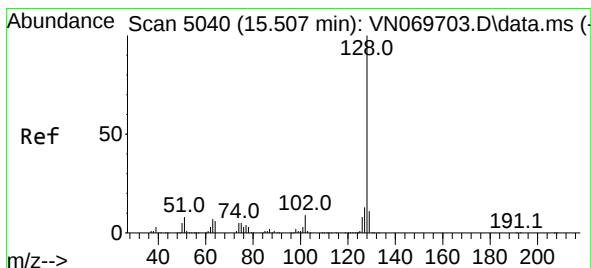
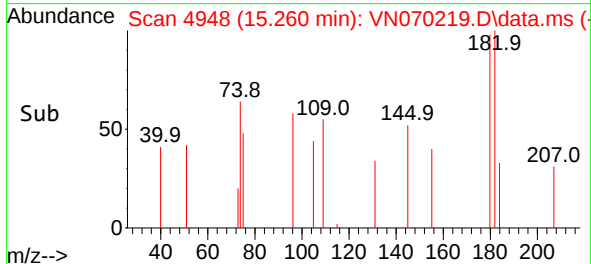
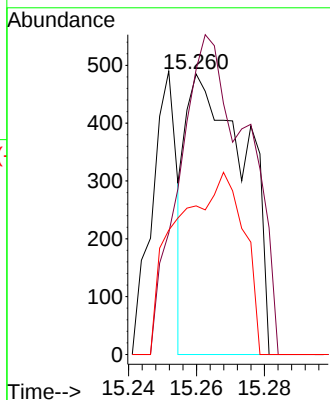
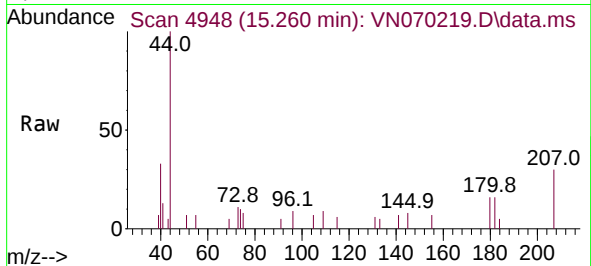




#93
1,2,4-Trichlorobenzene
Concen: 2.906 ug/l
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

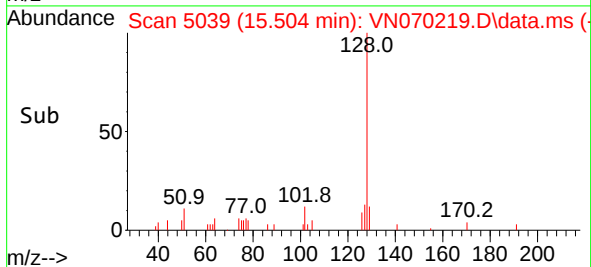
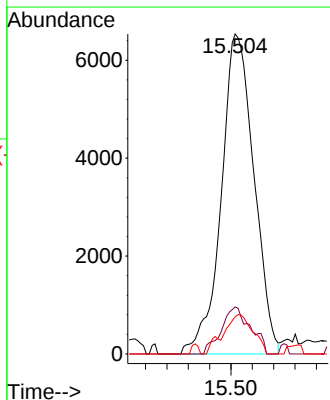
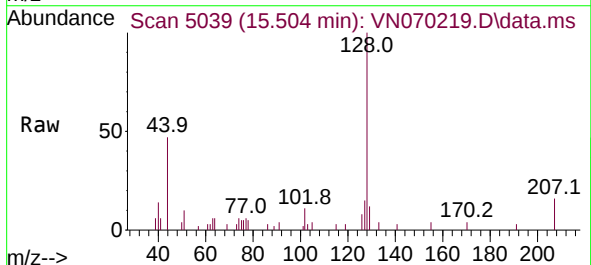
Instrument :
MSVOA_N
ClientSampleId :

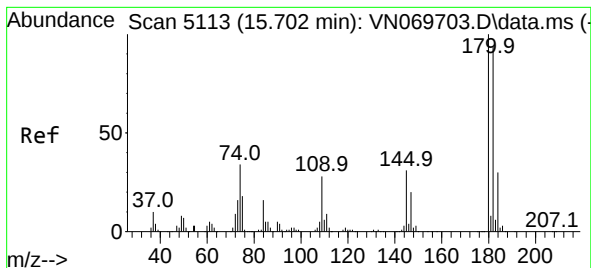
Tgt Ion:180 Resp: 582
Ion Ratio Lower Upper
180 100
182 131.8 48.3 144.9
145 74.1 14.5 43.5#



#95
Naphthalene
Concen: 4.209 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070219.D
Acq: 18 Dec 2021 17:43

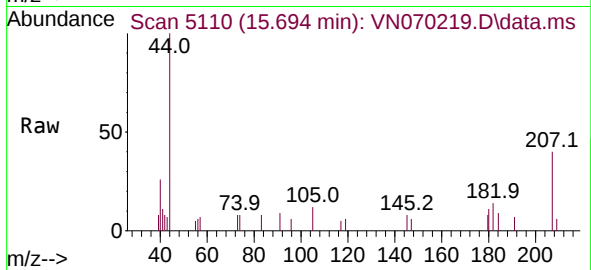
Tgt Ion:128 Resp: 13904
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 9.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.465 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070219.D
 Acq: 18 Dec 2021 17:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 579
 Ion Ratio Lower Upper
 180 100
 182 121.6 47.4 142.2
 145 31.8 15.0 45.1

