

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070098.D
 Acq On : 15 Dec 2021 3:19
 Operator : JC/MD
 Sample : M5011-10 10X
 Misc : 3.85g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:30:25 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	1192661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2304375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2805546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1095796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	960925	52.183	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.360%
35) Dibromofluoromethane	8.021	113	658466	45.619	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.240%
50) Toluene-d8	10.440	98	3104318	53.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.731	95	1375096	65.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.980%

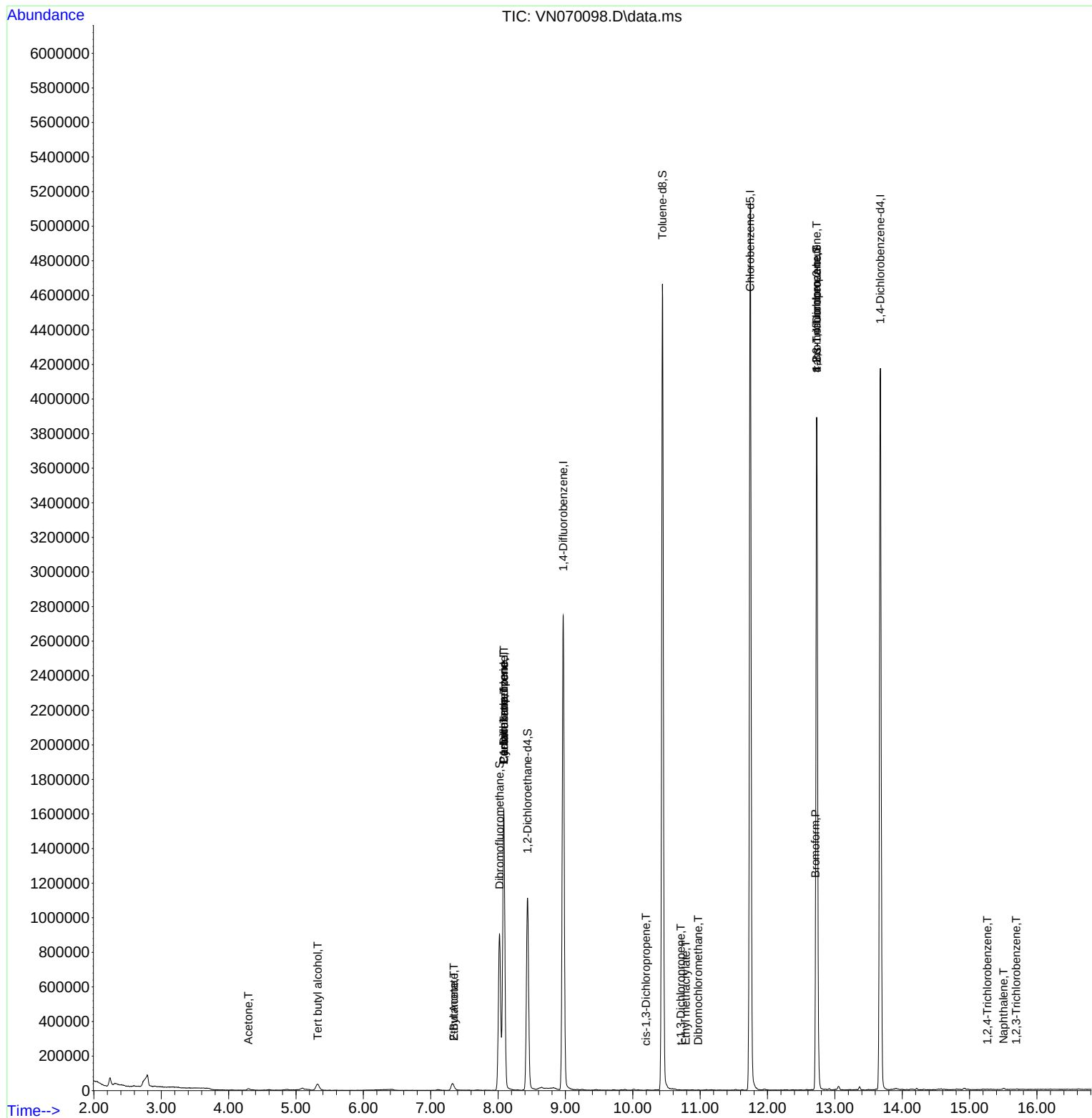
Target Compounds					Qvalue
11) Tert butyl alcohol	5.321	59	37474	10.766	ug/l # 72
16) Acetone	4.293	43	12136	1.096	ug/l 91
25) 2-Butanone	7.343	43	16931	1.125	ug/l 90
31) Cyclohexane	8.086	56	31090	1.213	ug/l # 27
36) 1,1-Dichloropropene	8.083	75	102623	4.678	ug/l # 48
37) Ethyl Acetate	7.343	43	16931	0.519	ug/l # 68
38) Carbon Tetrachloride	8.086	117	121180	5.633	ug/l # 16
53) t-1,3-Dichloropropene	10.711	75	57	2.796	ug/l # 72
54) cis-1,3-Dichloropropene	10.196	75	51	2.000	ug/l # 25
56) Ethyl methacrylate	10.786	69	170	2.284	ug/l # 1
60) Dibromochloromethane	10.972	129	142	2.384	ug/l # 11
71) Bromoform	12.712	173	611	2.765	ug/l # 1
76) 1,2,3-Trichloropropane	12.731	75	753233	23.969	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.731	75	753233	76.138	ug/l # 5
93) 1,2,4-Trichlorobenzene	15.265	180	896	2.925	ug/l 70
95) Naphthalene	15.504	128	7513	4.114	ug/l # 79
96) 1,2,3-Trichlorobenzene	15.692	180	1076	2.494	ug/l # 21

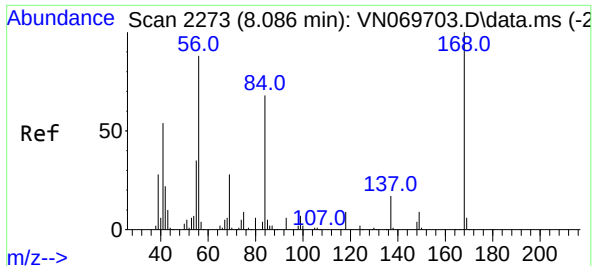
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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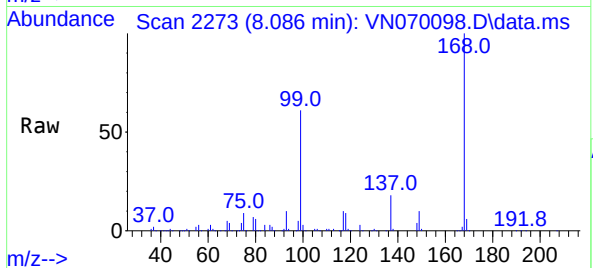
Quant Time: Dec 15 05:30:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



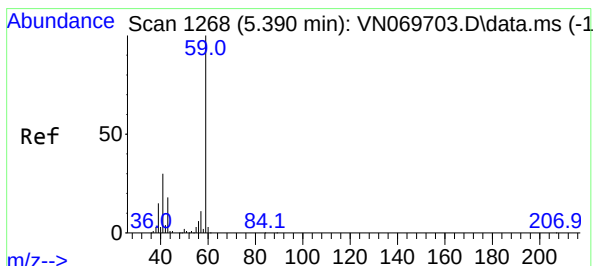
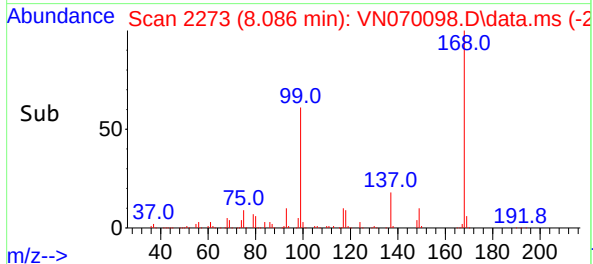
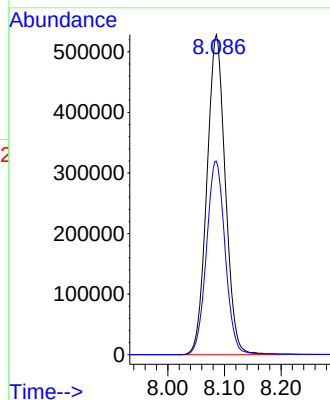


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :

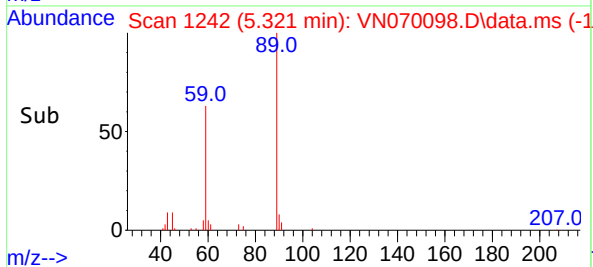
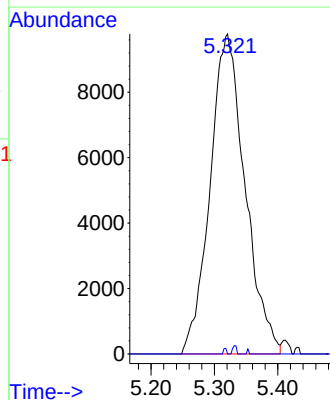
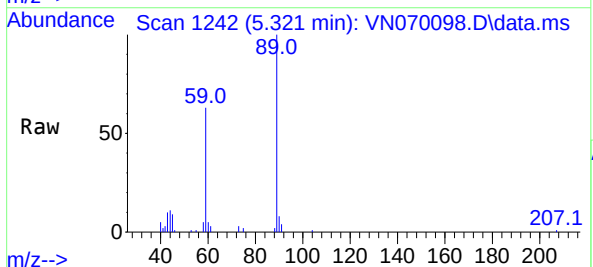


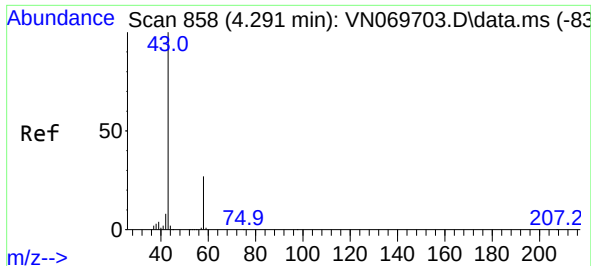
Tgt Ion:168 Resp: 1192661
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#11
Tert butyl alcohol
Concen: 10.766 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.070 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion: 59 Resp: 37474
Ion Ratio Lower Upper
59 100
57 0.1 8.7 13.1#

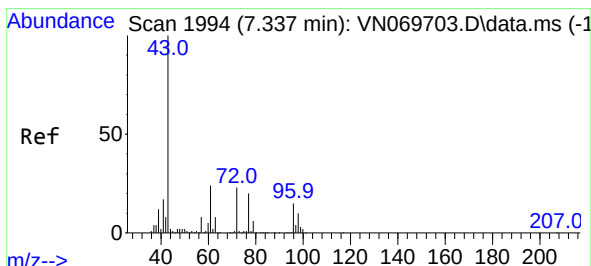
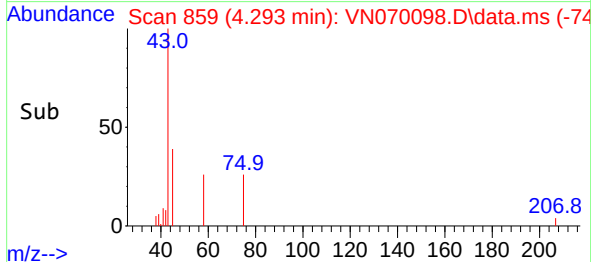
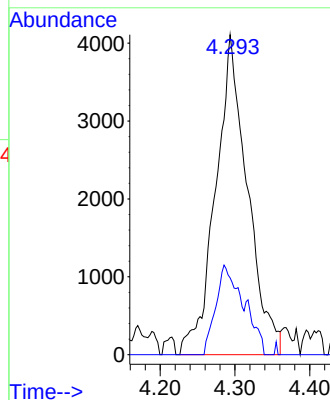
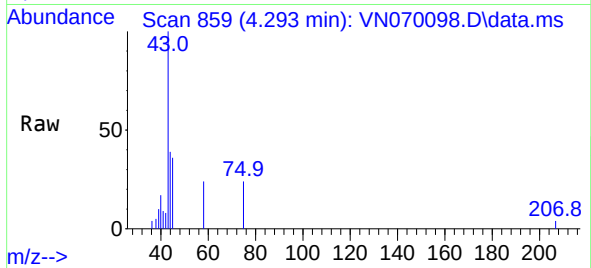




#16
Acetone
Concen: 1.096 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

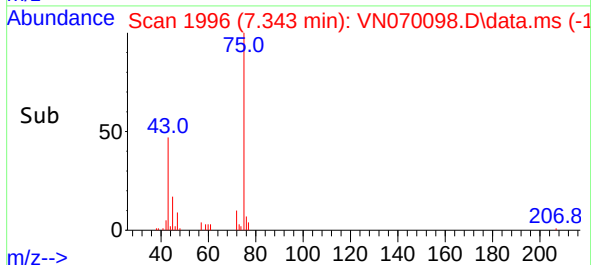
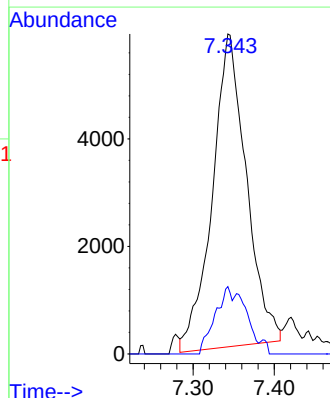
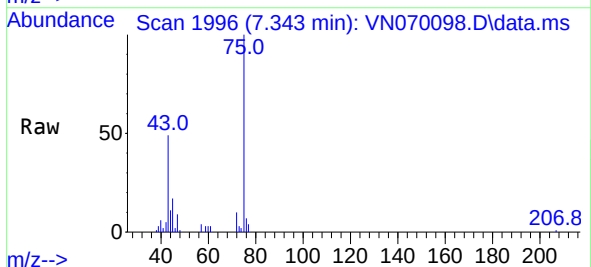
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ClientSampleId :

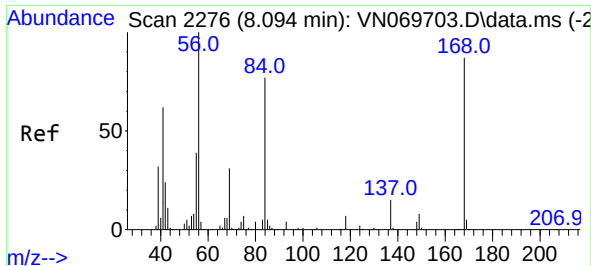
Tgt Ion: 43 Resp: 12136
Ion Ratio Lower Upper
43 100
58 24.0 23.1 34.7



#25
2-Butanone
Concen: 1.125 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

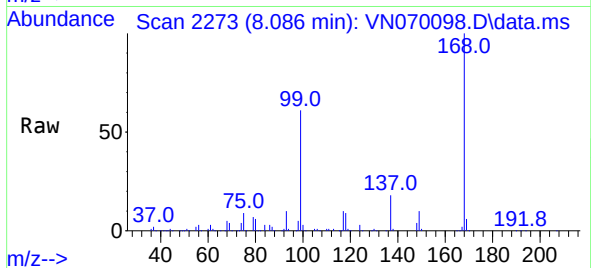
Tgt Ion: 43 Resp: 16931
Ion Ratio Lower Upper
43 100
72 22.1 21.7 32.5



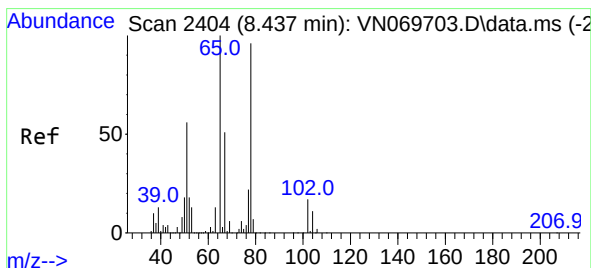
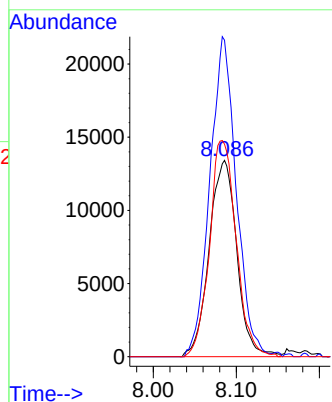
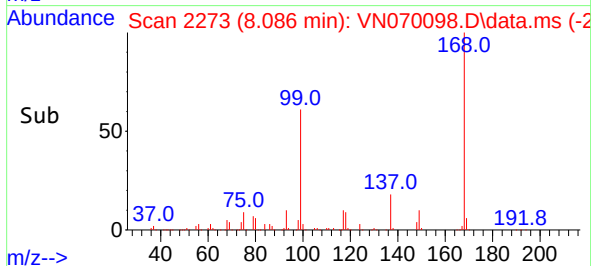


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :

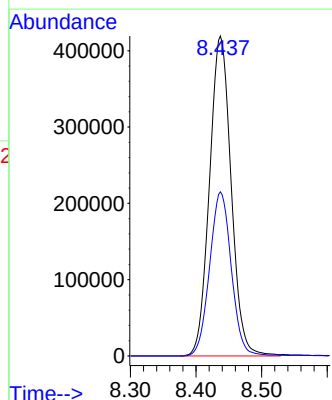
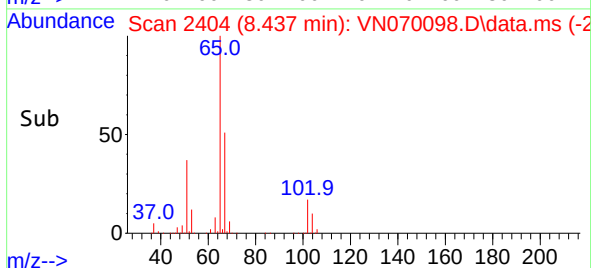
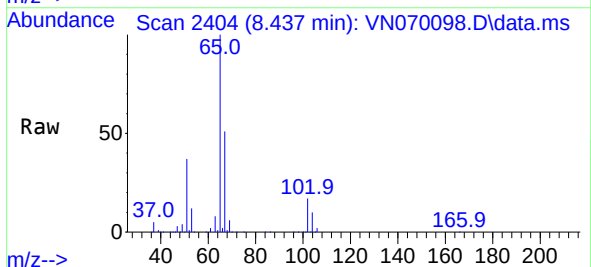


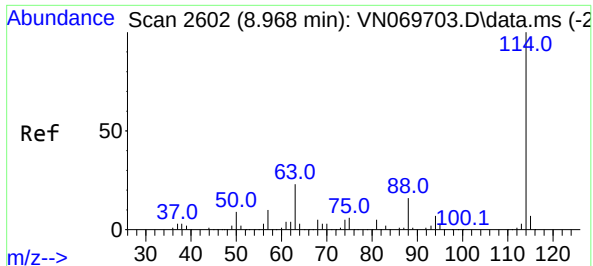
Tgt Ion: 56 Resp: 31090
Ion Ratio Lower Upper
56 100
69 161.2 27.1 40.7#
84 108.3 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.183 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion: 65 Resp: 960925
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070098.D

Acq: 15 Dec 2021 3:19

Instrument :

MSVOA_N

ClientSampleId :

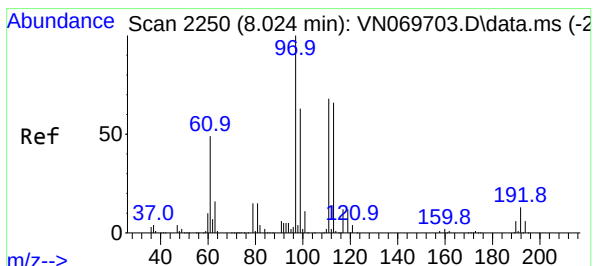
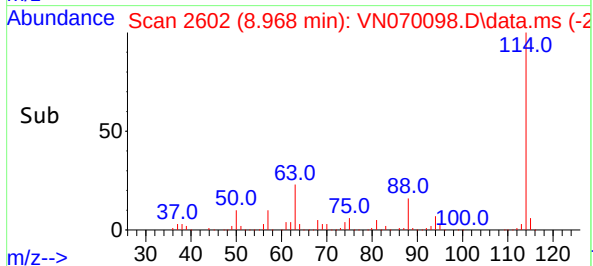
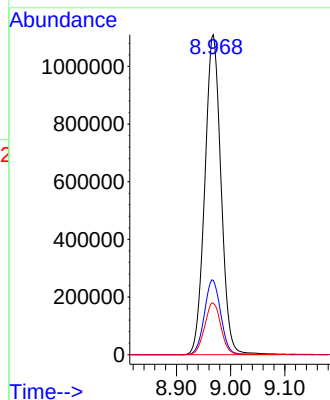
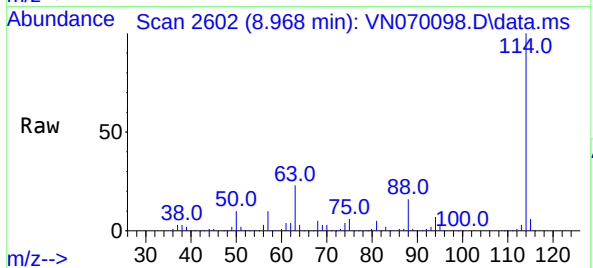
Tgt Ion:114 Resp: 2304375

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.619 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070098.D

Acq: 15 Dec 2021 3:19

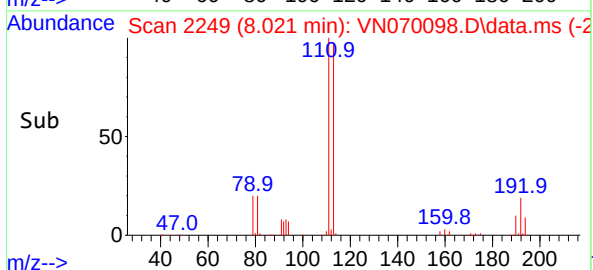
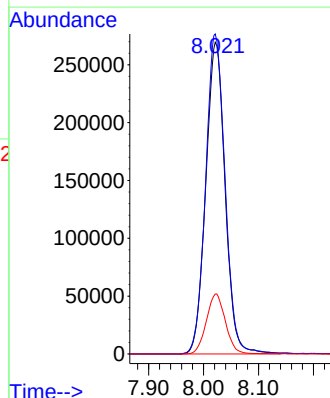
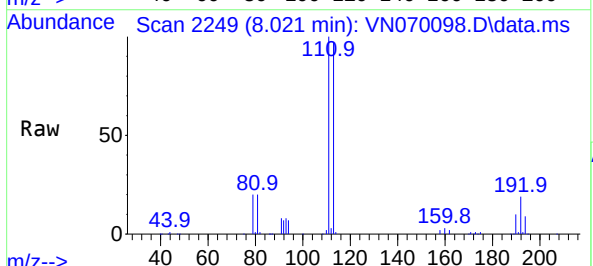
Tgt Ion:113 Resp: 658466

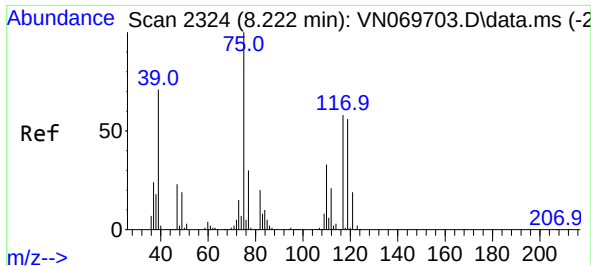
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

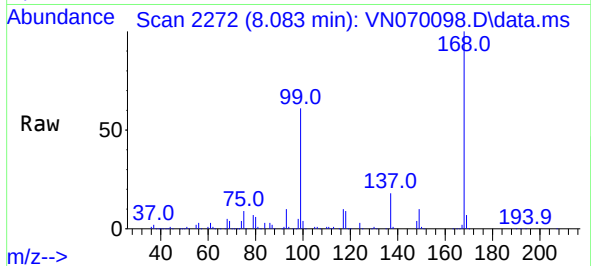
192 19.0 16.9 25.3



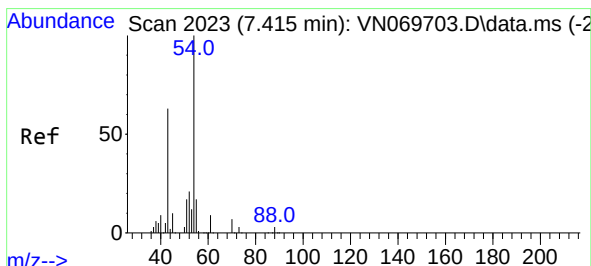
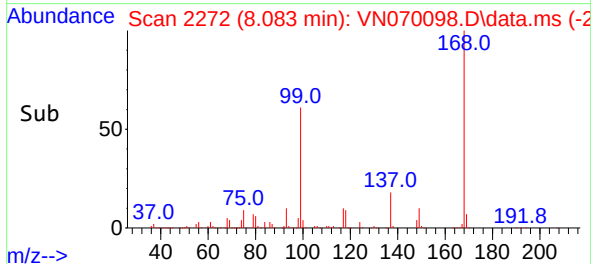
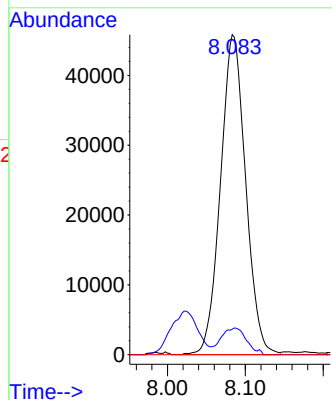


#36
 1,1-Dichloropropene
 Concen: 4.678 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.139 min
 Lab File: VN070098.D
 Acq: 15 Dec 2021 3:19

Instrument :
 MSVOA_N
 ClientSampleId :

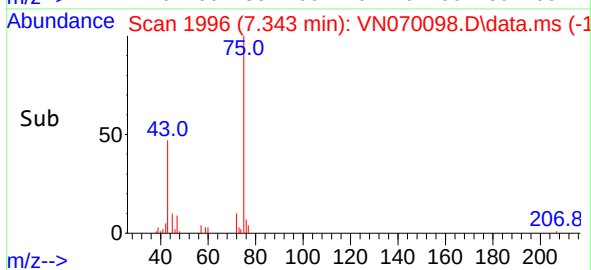
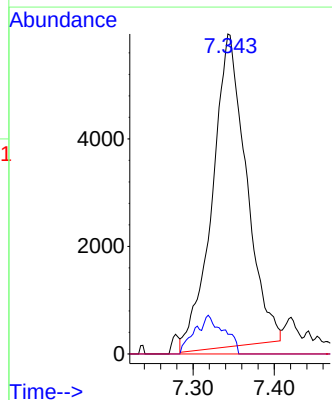
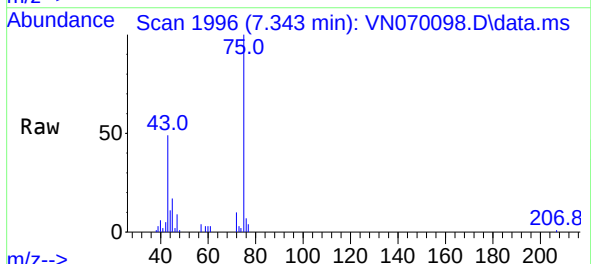


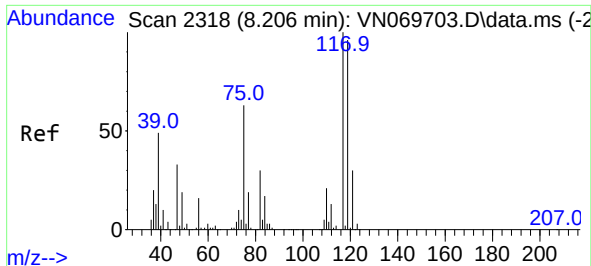
Tgt Ion: 75 Resp: 102623
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.519 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.072 min
 Lab File: VN070098.D
 Acq: 15 Dec 2021 3:19

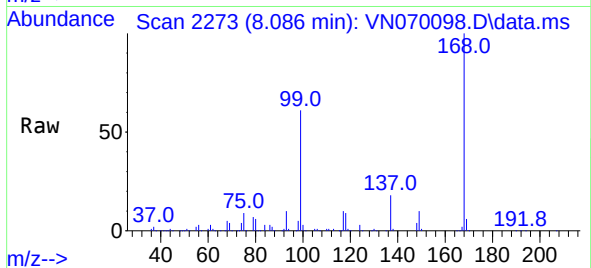
Tgt Ion: 43 Resp: 16931
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



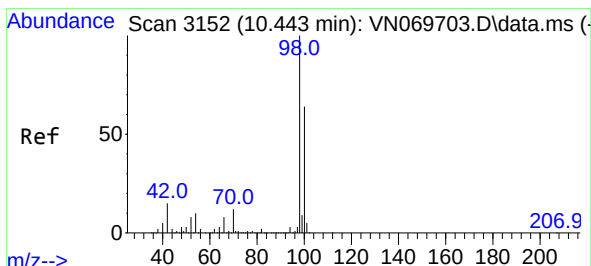
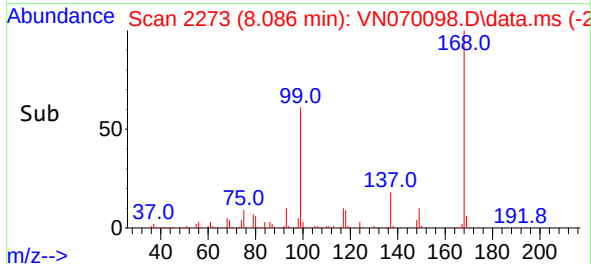
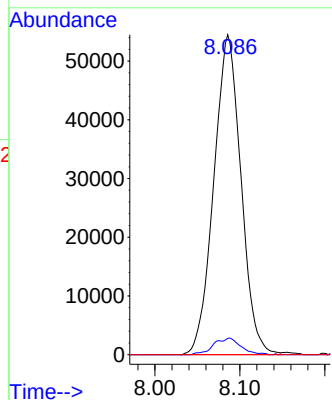


#38
Carbon Tetrachloride
Concen: 5.633 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :

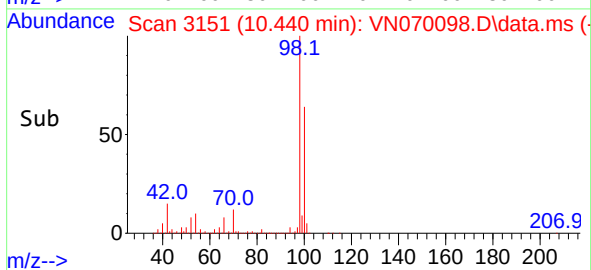
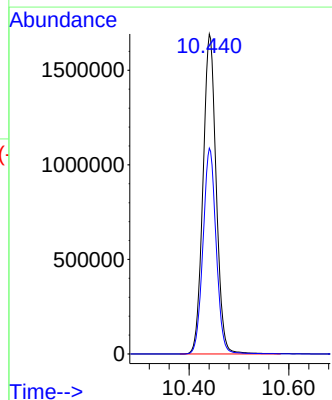
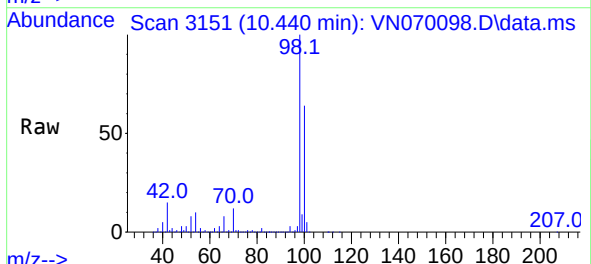


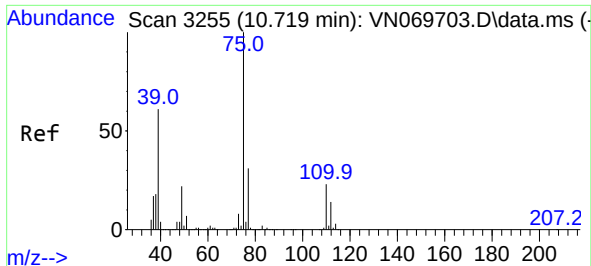
Tgt Ion:117 Resp: 121180
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.562 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion: 98 Resp: 3104318
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

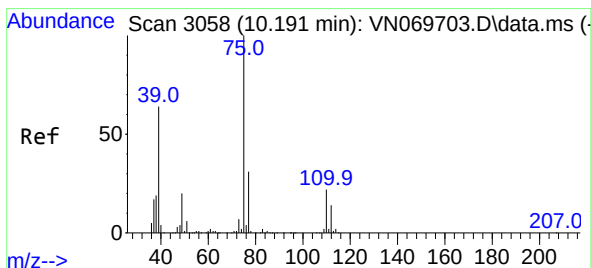
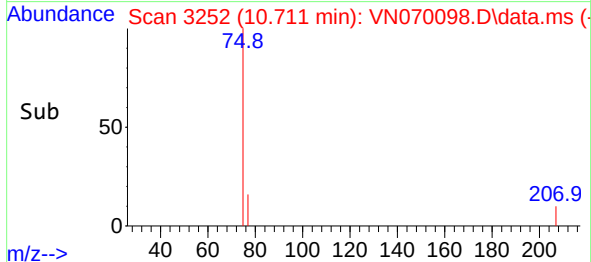
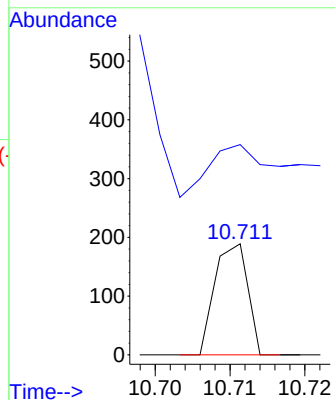
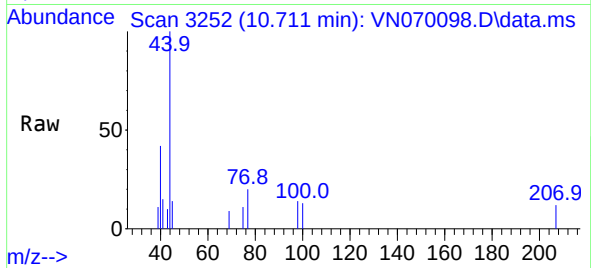




#53
t-1,3-Dichloropropene
Concen: 2.796 ug/l
RT: 10.711 min Scan# 31
Delta R.T. -0.008 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

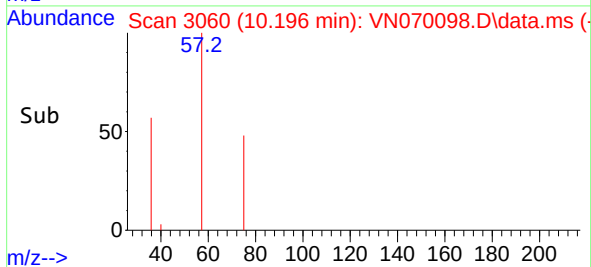
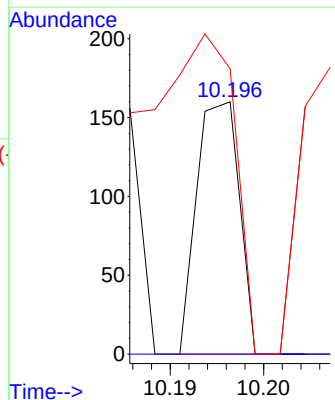
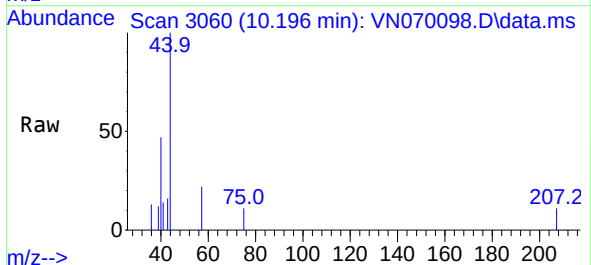
Instrument :
MSVOA_N
ClientSampleId :

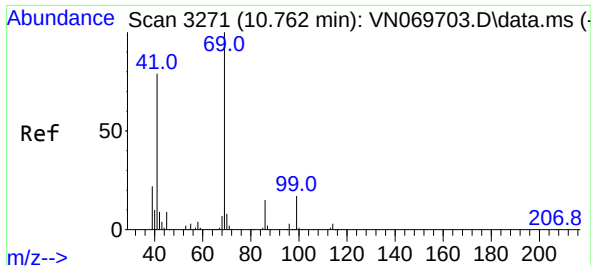
Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
77 47.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.196 min Scan# 3060
Delta R.T. 0.005 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

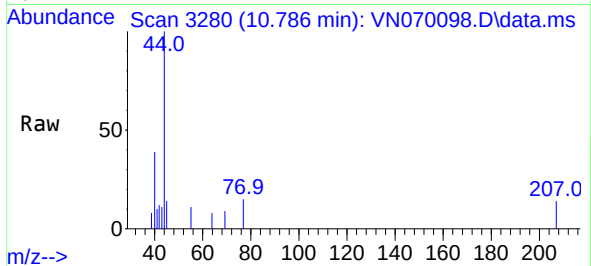
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Ion Ratio Lower Upper
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77 0.0 26.4 39.6#
39 113.1 42.5 63.7#



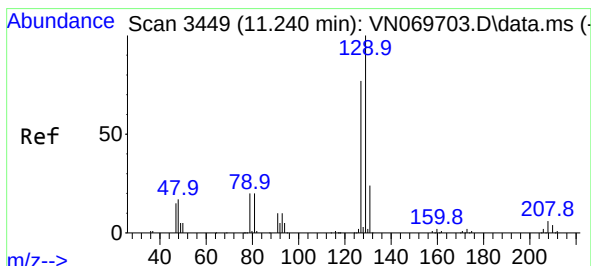
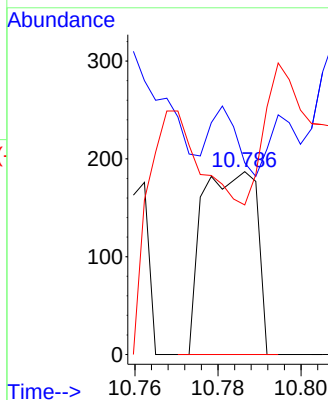
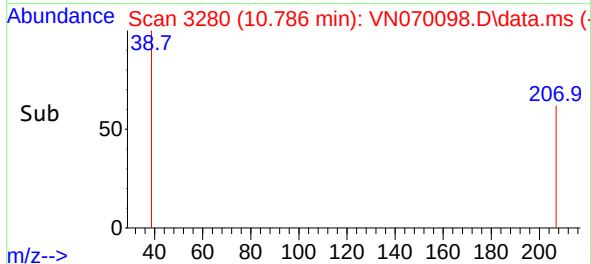


#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.786 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :

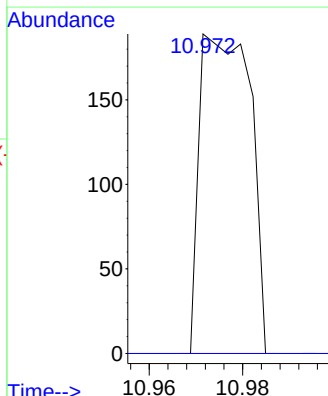
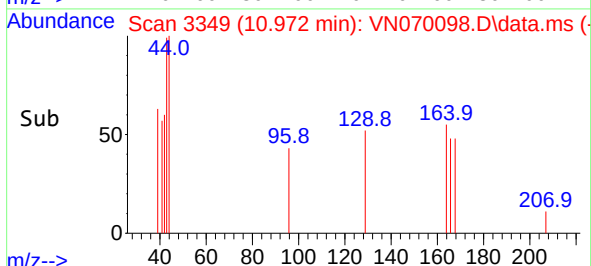
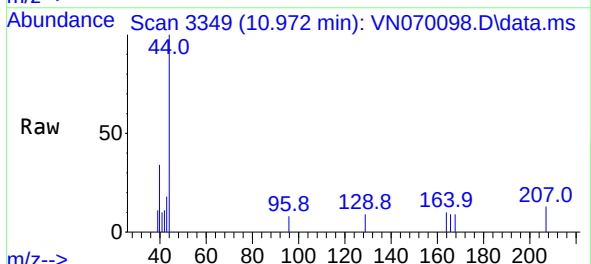


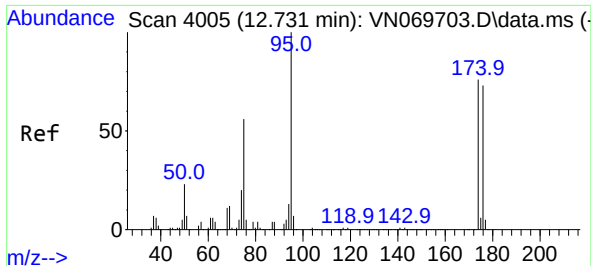
Tgt Ion: 69 Resp: 170
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 300.0 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.384 ug/l
RT: 10.972 min Scan# 3349
Delta R.T. -0.268 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion: 129 Resp: 142
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

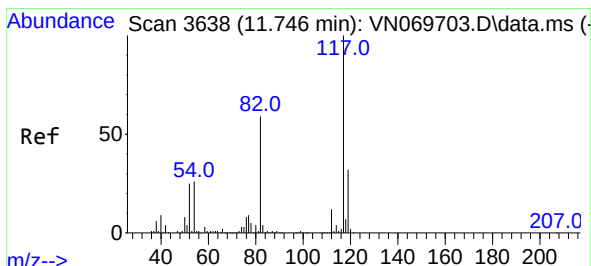
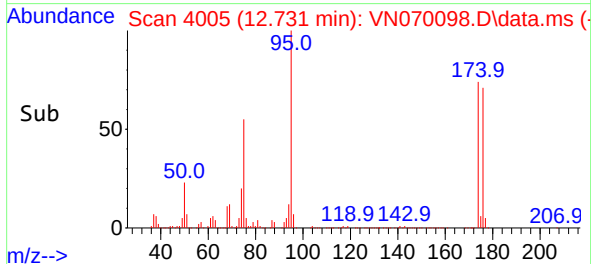
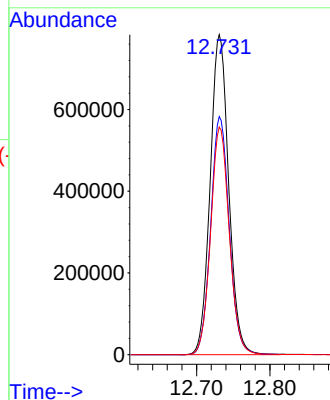
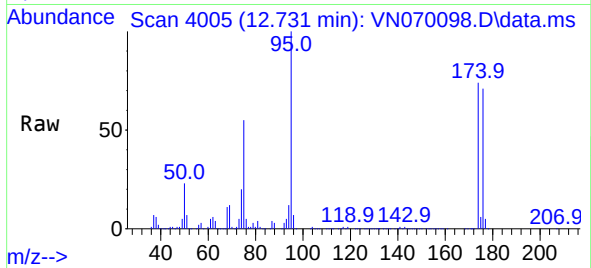




#62
4-Bromofluorobenzene
Concen: 65.491 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

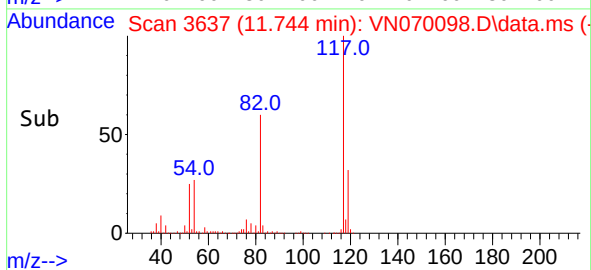
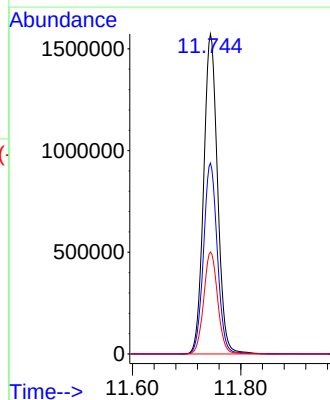
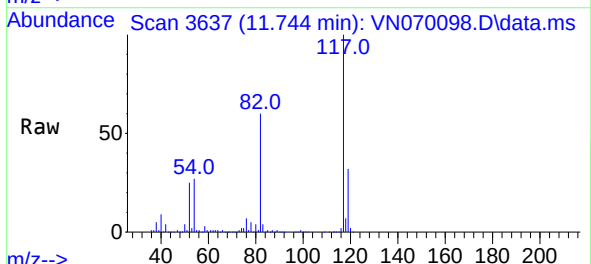
Instrument :
MSVOA_N
ClientSampleId :

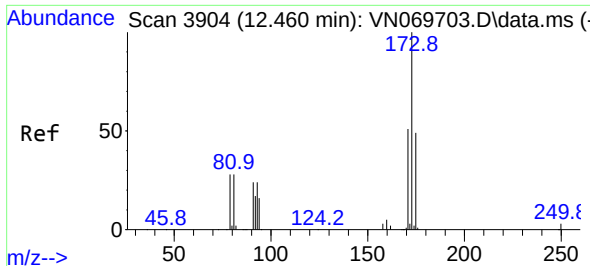
Tgt Ion: 95 Resp: 1375096
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion: 117 Resp: 2805546
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.9 25.4 38.2

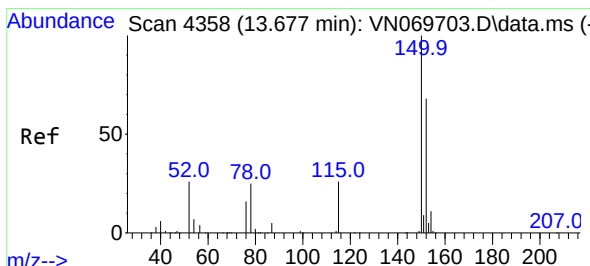
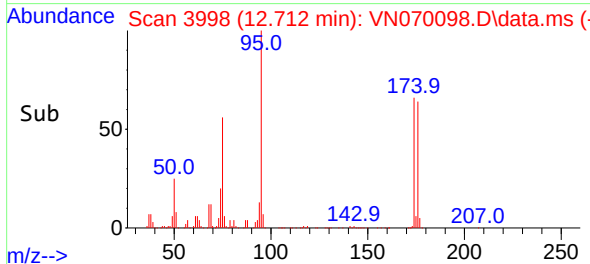
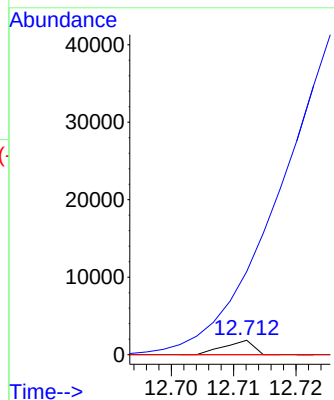
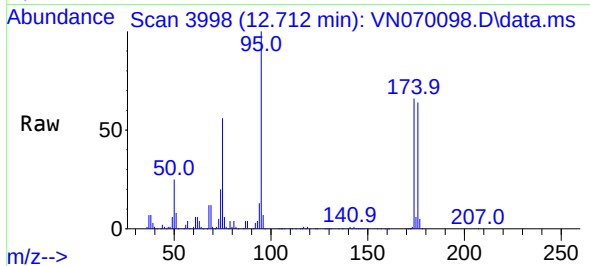




#71
Bromoform
Concen: 2.765 ug/l
RT: 12.712 min Scan# 3904
Delta R.T. 0.252 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

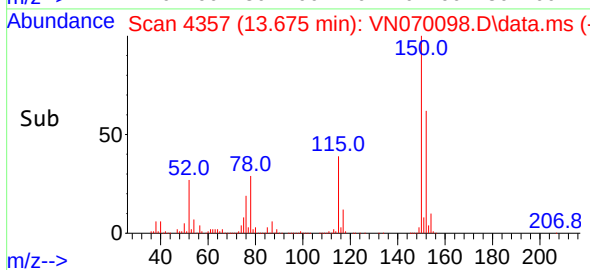
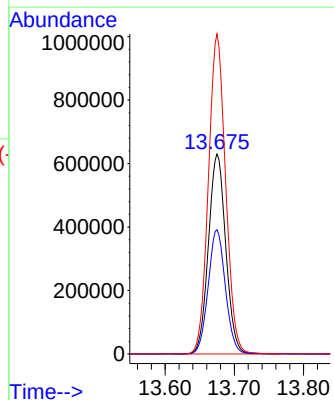
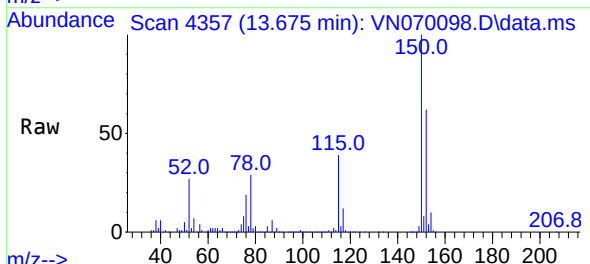
Instrument :
MSVOA_N
ClientSampleId :

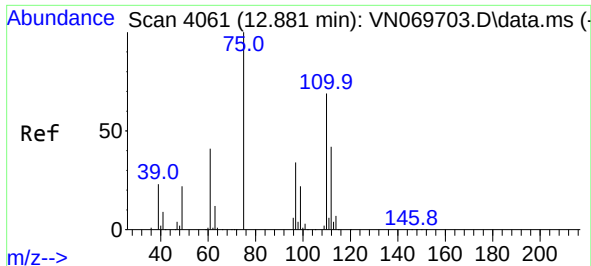
Tgt Ion:173 Resp: 611
Ion Ratio Lower Upper
173 100
175 12070.9 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Tgt Ion:152 Resp: 1095796
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 158.6 0.0 344.4

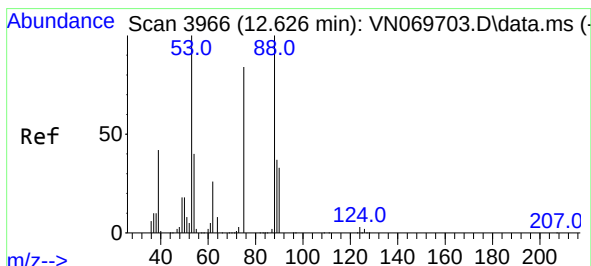
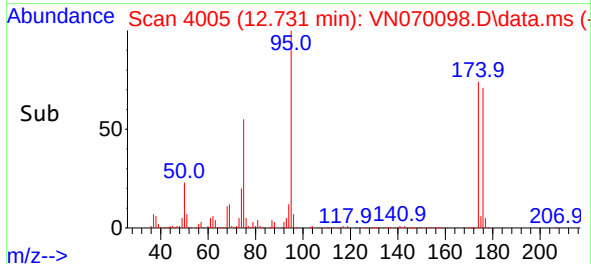
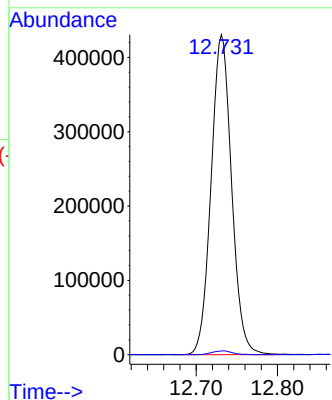
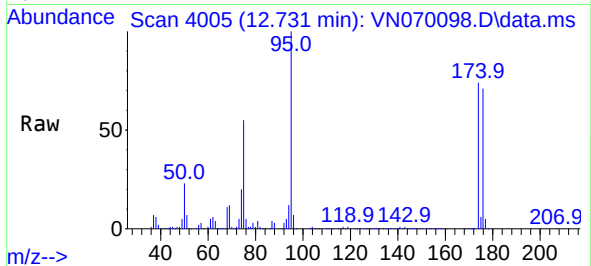




#76
1,2,3-Trichloropropane
Concen: 23.969 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

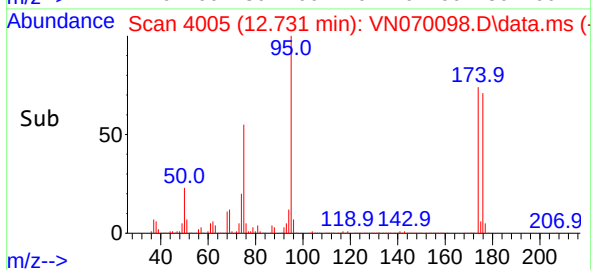
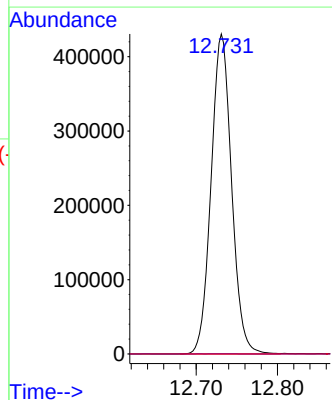
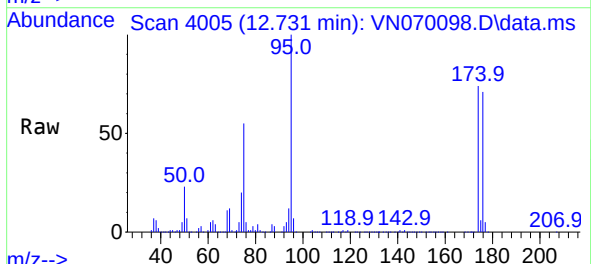
Instrument :
MSVOA_N
ClientSampleId :

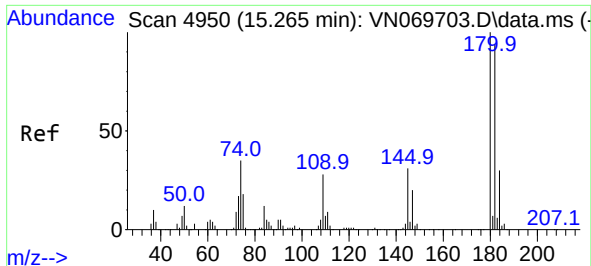
Tgt Ion: 75 Resp: 753233
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.138 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

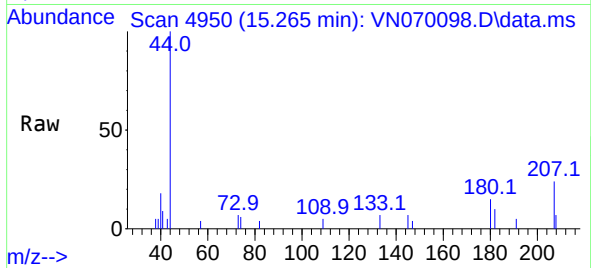
Tgt Ion: 75 Resp: 753233
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



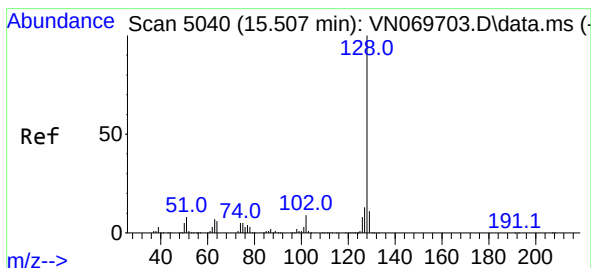
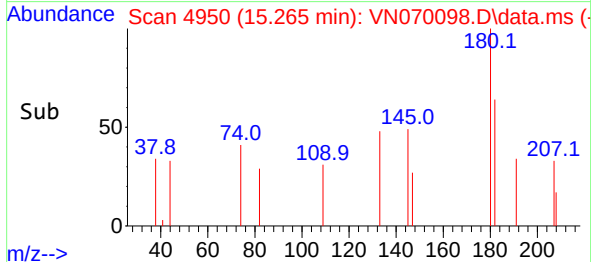
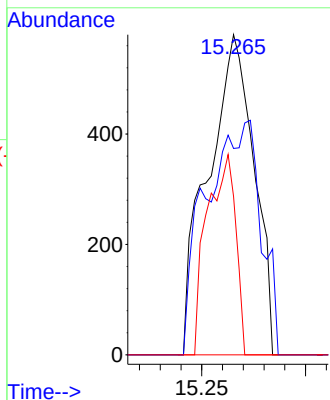


#93
1,2,4-Trichlorobenzene
Concen: 2.925 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :

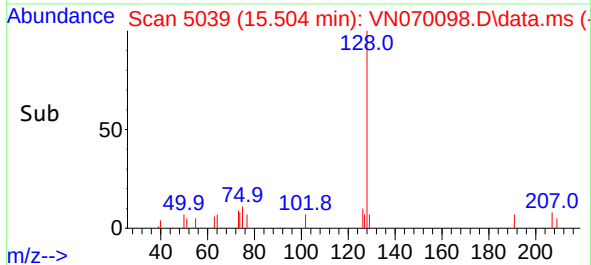
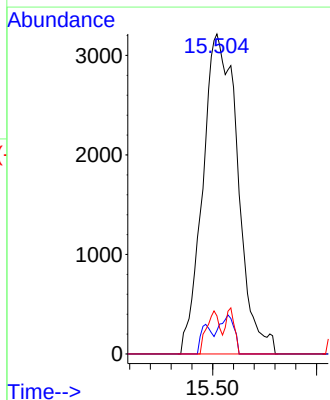
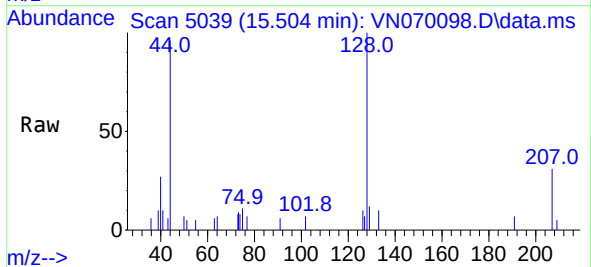


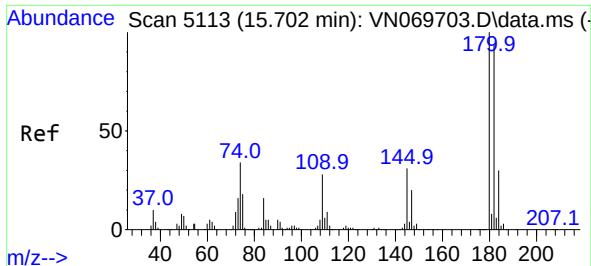
Tgt Ion:180 Resp: 896
Ion Ratio Lower Upper
180 100
182 63.8 48.3 144.9
145 38.6 14.5 43.5



#95
Naphthalene
Concen: 4.114 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

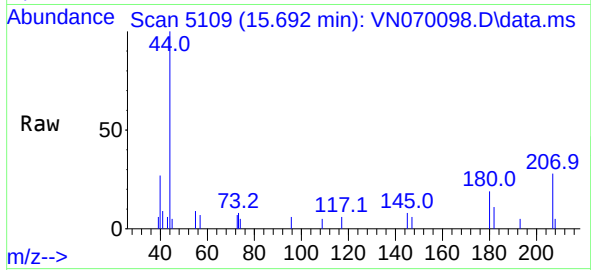
Tgt Ion:128 Resp: 7513
Ion Ratio Lower Upper
128 100
127 3.0 10.5 15.7#
129 5.1 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.494 ug/l
RT: 15.692 min Scan# 51
Delta R.T. -0.010 min
Lab File: VN070098.D
Acq: 15 Dec 2021 3:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 1076
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 18.1 15.0 45.1

