

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070002.D
 Acq On : 11 Dec 2021 12:22
 Operator : JC/MD
 Sample : VN1211WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:17:44 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

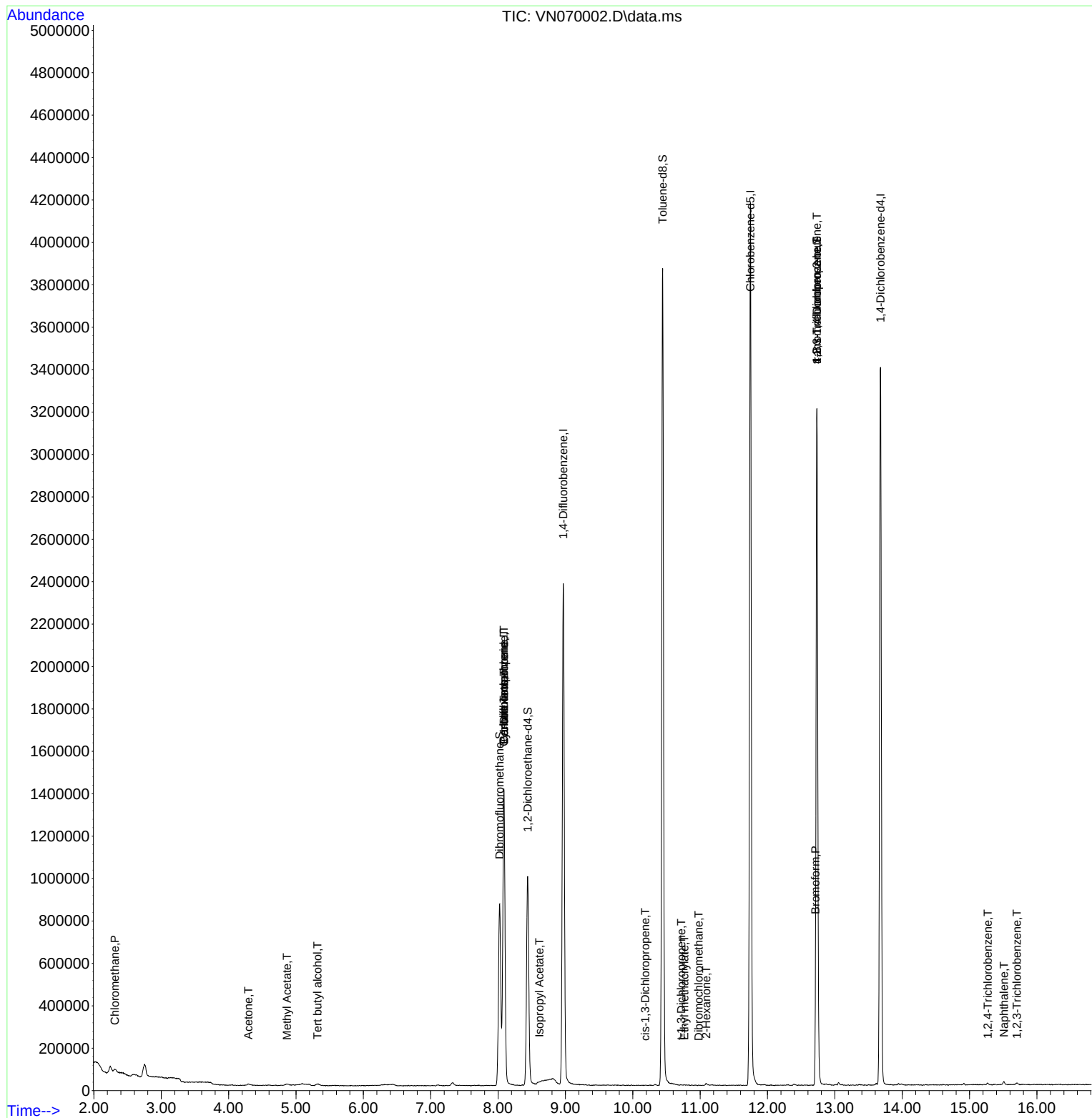
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.085	168	1027227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1976572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2287793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	923311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	849611	53.568	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.140%	
35) Dibromofluoromethane	8.024	113	619848	50.065	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.140%	
50) Toluene-d8	10.443	98	2631123	52.926	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.733	95	1104133	61.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 122.620%	
Target Compounds						Qvalue
3) Chloromethane	2.309	50	3142	0.209	ug/l #	84
11) Tert butyl alcohol	5.318	59	4788	1.597	ug/l #	71
16) Acetone	4.293	43	8926	0.936	ug/l #	86
18) Methyl Acetate	4.867	43	10458	0.363	ug/l #	56
31) Cyclohexane	8.088	56	25972	1.177	ug/l #	29
36) 1,1-Dichloropropene	8.085	75	88568	4.707	ug/l #	49
38) Carbon Tetrachloride	8.085	117	105445	5.715	ug/l #	16
43) Isopropyl Acetate	8.614	43	12053	0.291	ug/l #	55
53) t-1,3-Dichloropropene	10.719	75	194	2.802	ug/l #	83
54) cis-1,3-Dichloropropene	10.185	75	179	2.006	ug/l #	65
56) Ethyl methacrylate	10.765	69	507	2.297	ug/l #	18
59) 2-Hexanone	11.089	43	6047	0.297	ug/l	91
60) Dibromochloromethane	10.979	129	81	2.381	ug/l #	11
71) Bromoform	12.712	173	425	2.760	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	619399	23.393	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	619399	74.404	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.271	180	3022	3.066	ug/l	96
95) Naphthalene	15.512	128	13570	4.262	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.702	180	3378	2.653	ug/l	71

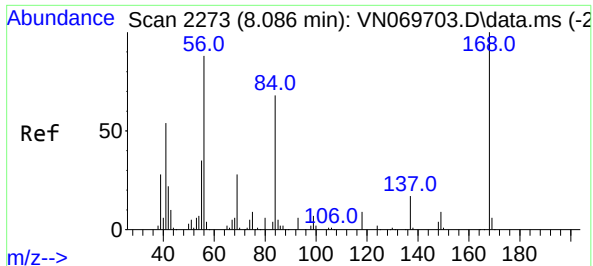
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN070002.D
Acq On : 11 Dec 2021 12:22
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Sample : VN1211WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

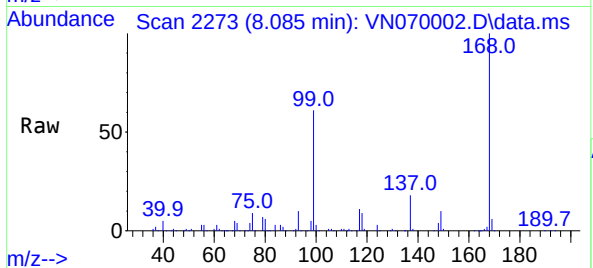
Quant Time: Dec 12 16:17:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



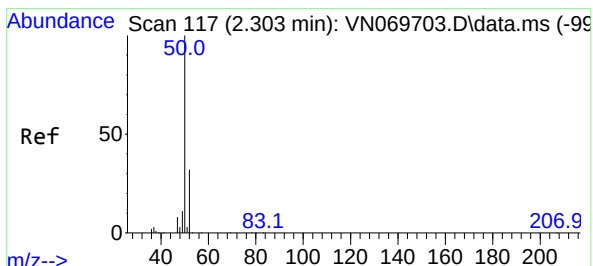
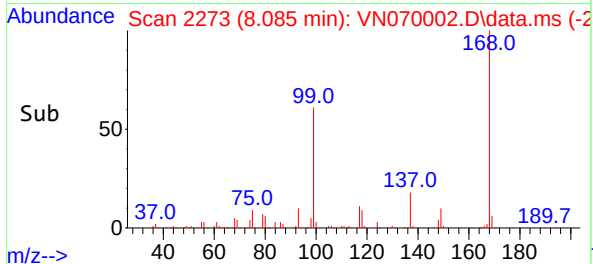
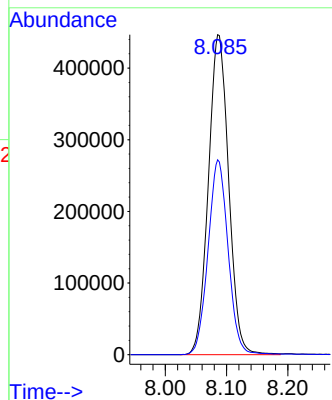


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

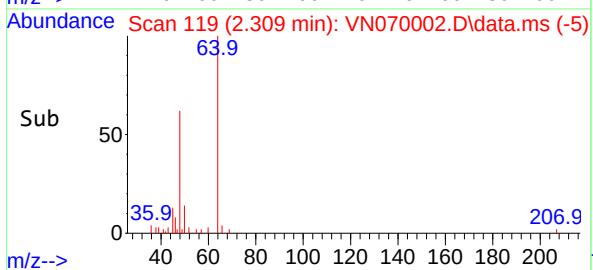
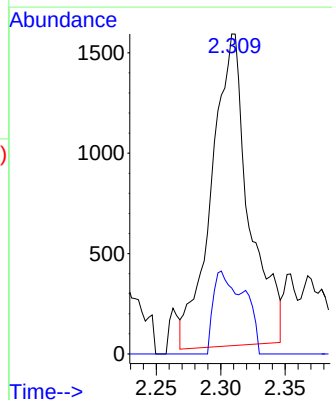
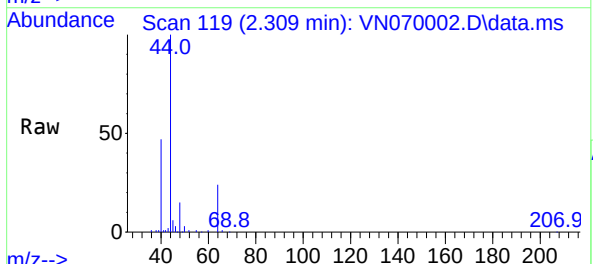


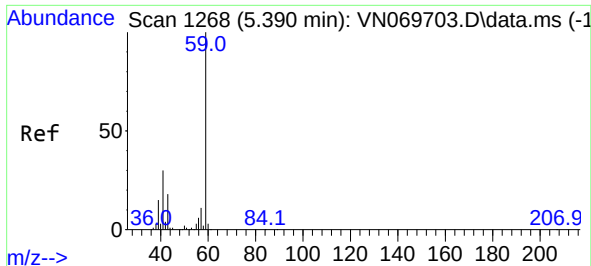
Tgt Ion:168 Resp: 1027227
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.005 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

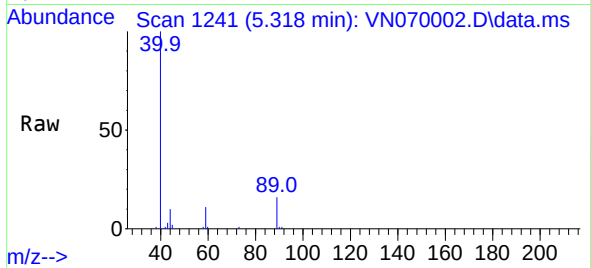
Tgt Ion: 50 Resp: 3142
Ion Ratio Lower Upper
50 100
52 23.0 25.4 38.0#



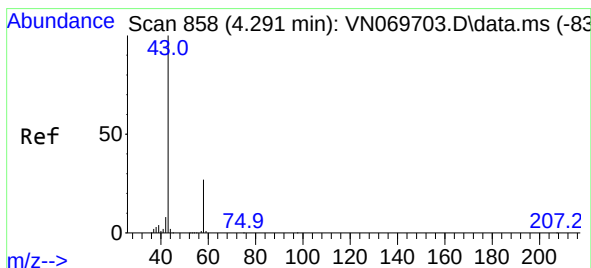
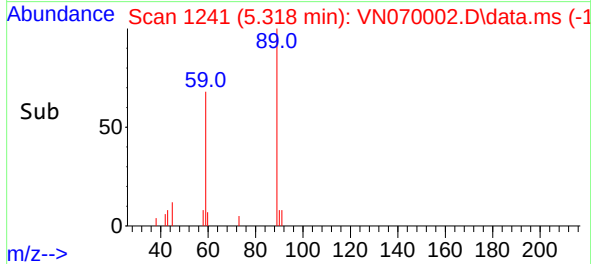
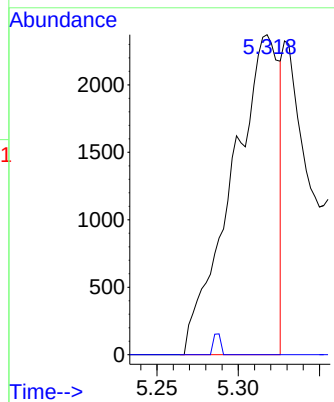


#11
Tert butyl alcohol
Concen: 1.597 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.072 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

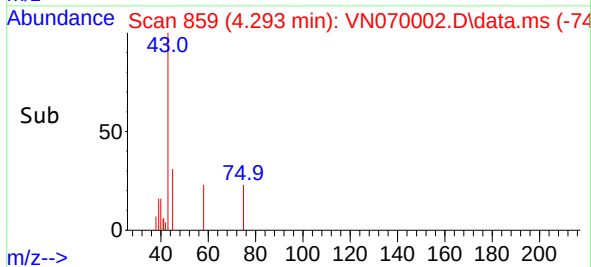
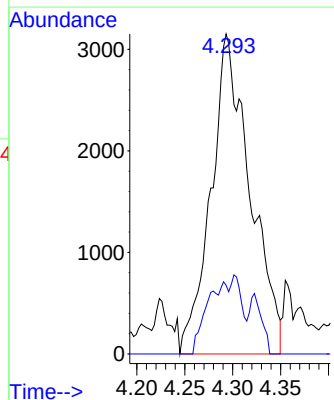
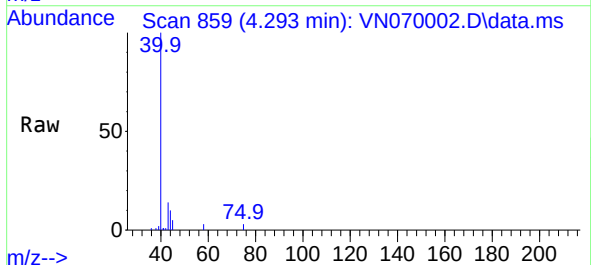


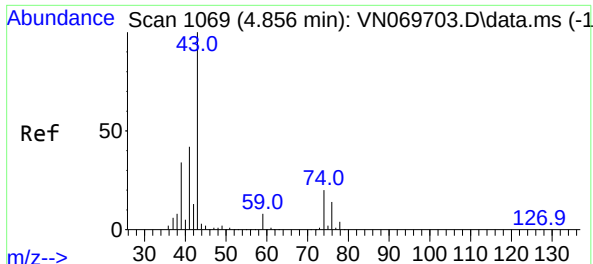
Tgt Ion: 59 Resp: 4788
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.936 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion: 43 Resp: 8926
Ion Ratio Lower Upper
43 100
58 21.4 23.1 34.7#

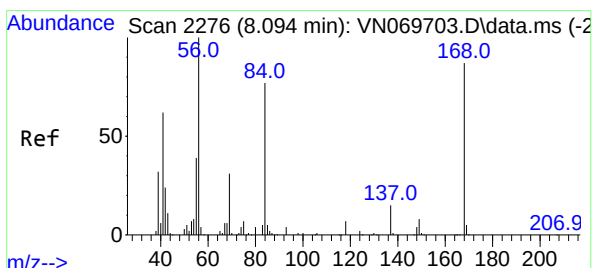
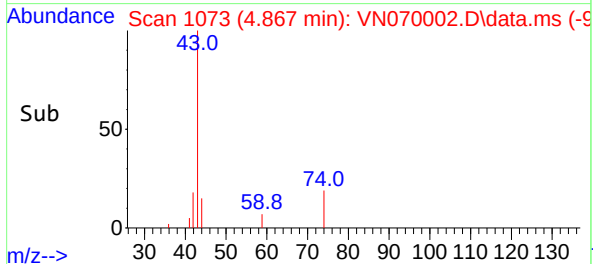
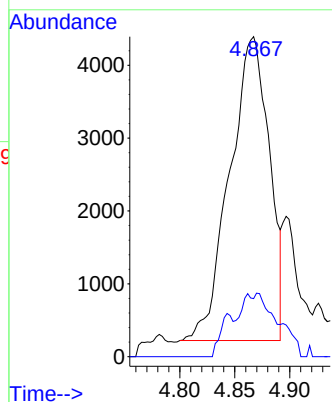
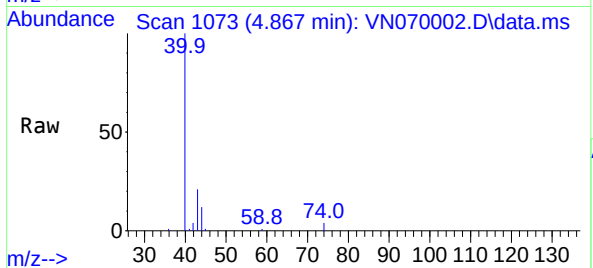




#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 4.867 min Scan# 1069
Delta R.T. 0.011 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

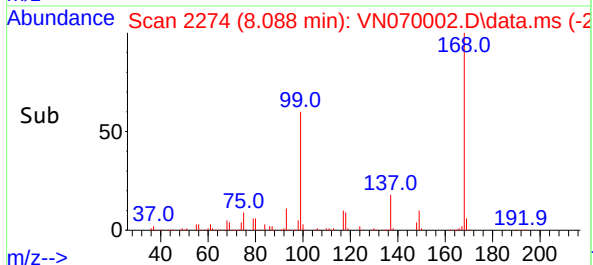
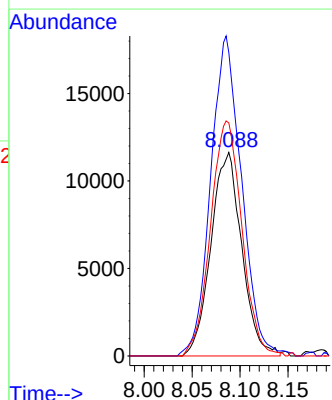
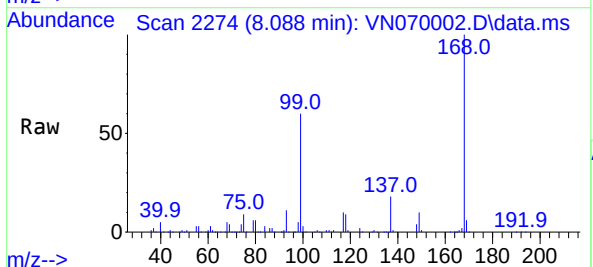
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MSVOA_N
ClientSampleId :

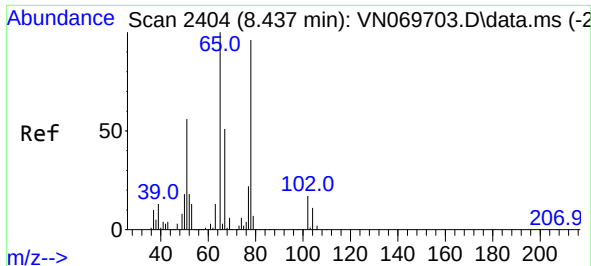
Tgt Ion: 43 Resp: 10458
Ion Ratio Lower Upper
43 100
74 2.3 19.4 29.2#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.005 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion: 56 Resp: 25972
Ion Ratio Lower Upper
56 100
69 147.6 27.1 40.7#
84 114.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.568 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070002.D

Acq: 11 Dec 2021 12:22

Instrument :

MSVOA_N

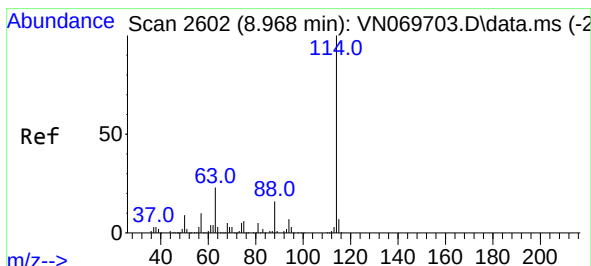
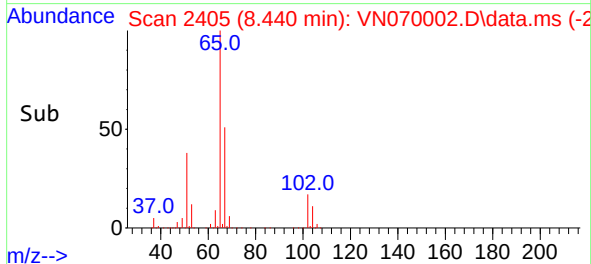
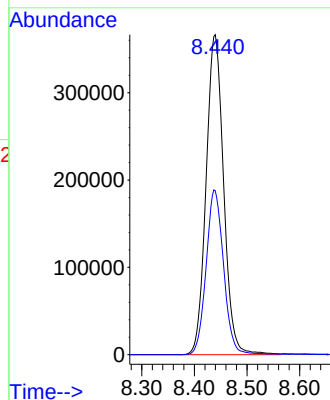
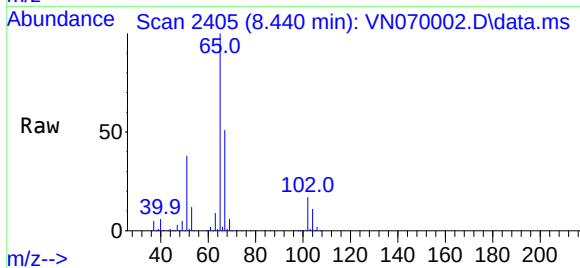
ClientSampleId :

Tgt Ion: 65 Resp: 849611

Ion Ratio Lower Upper

65 100

67 51.2 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: VN070002.D

Acq: 11 Dec 2021 12:22

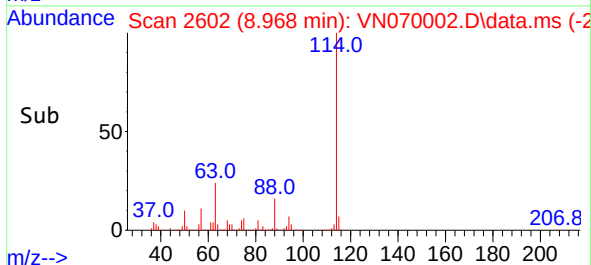
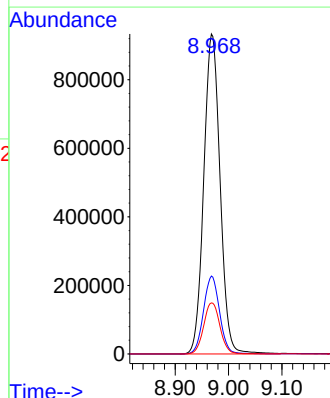
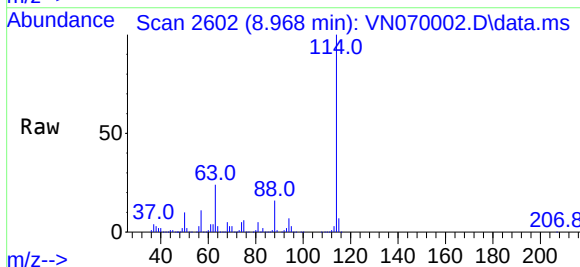
Tgt Ion:114 Resp: 1976572

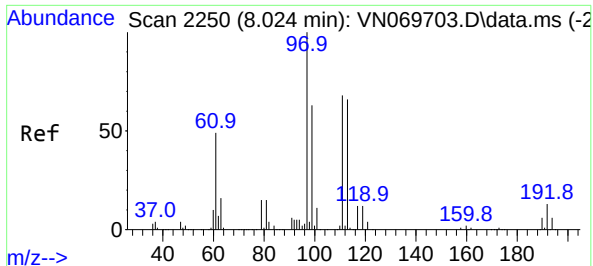
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

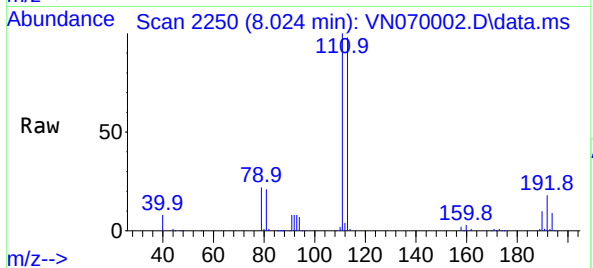
88 16.0 0.0 27.4



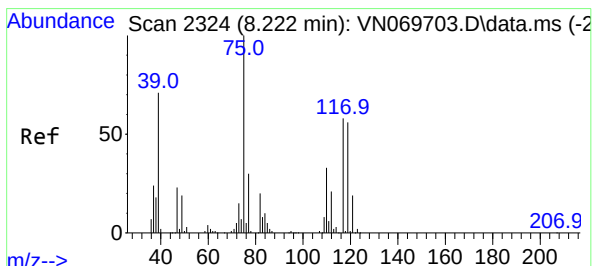
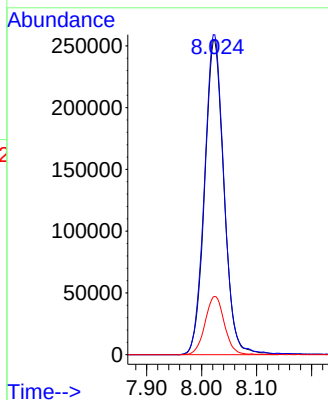
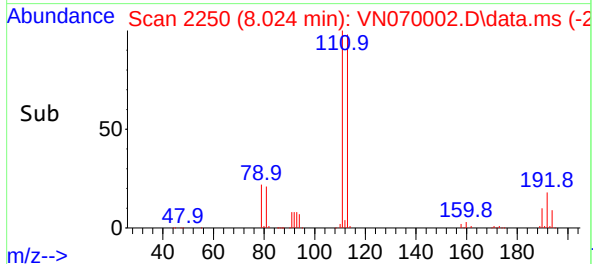


#35
Dibromofluoromethane
Concen: 50.065 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

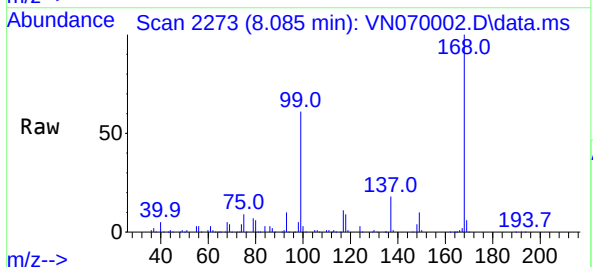
Instrument :
MSVOA_N
ClientSampleId :



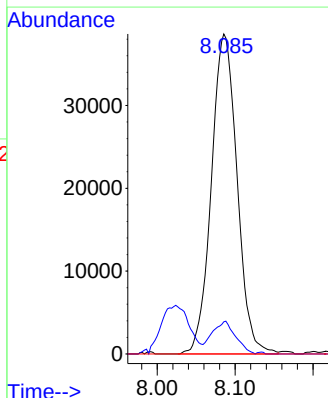
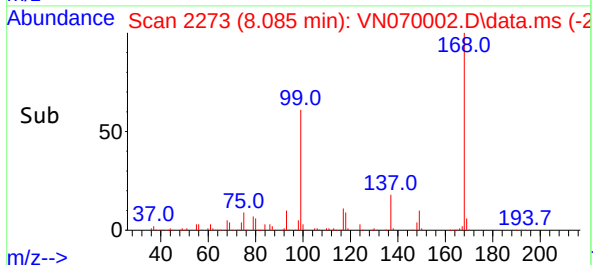
Tgt Ion:113 Resp: 619848
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.5 16.9 25.3

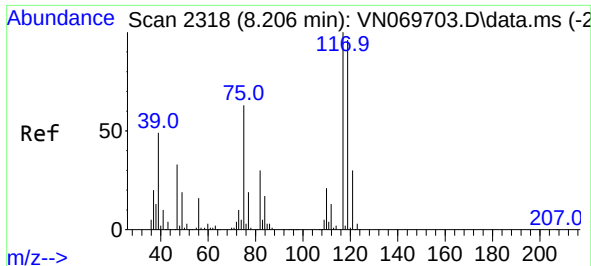


#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22



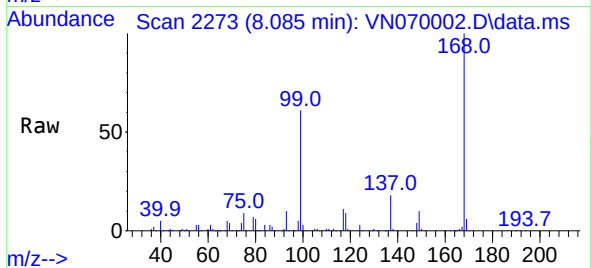
Tgt Ion: 75 Resp: 88568
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.4 36.6#



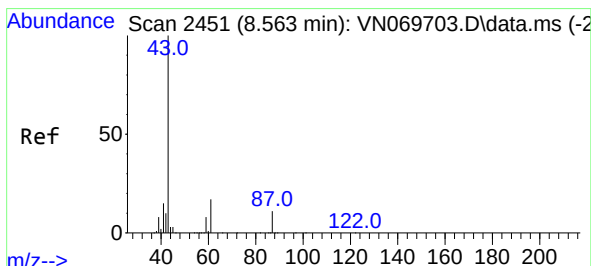
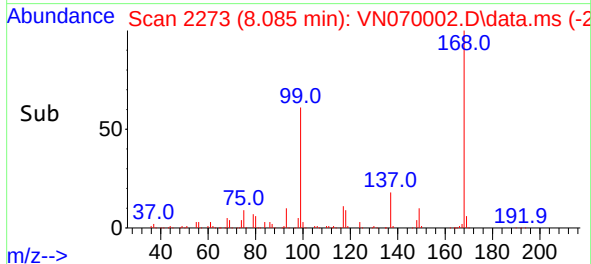
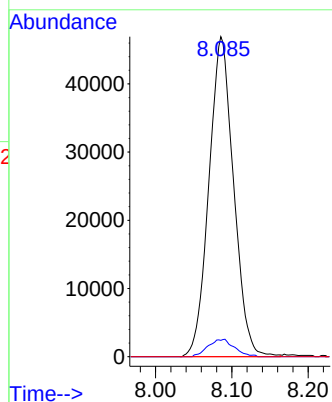


#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 8.085 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

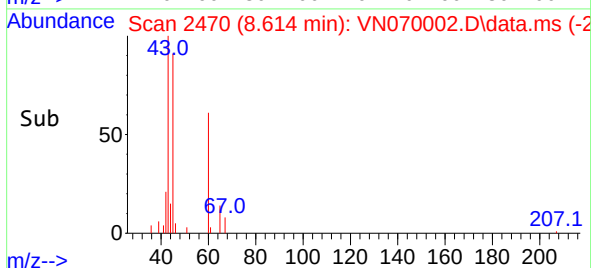
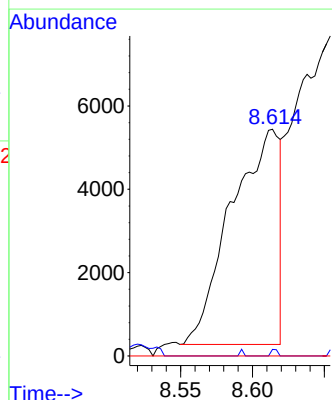
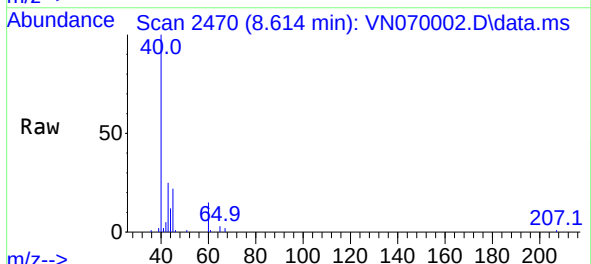


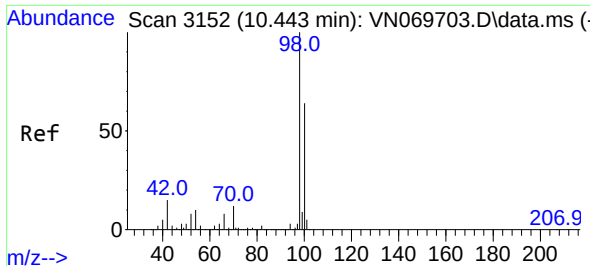
Tgt Ion:117 Resp: 105445
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.291 ug/l
RT: 8.614 min Scan# 2470
Delta R.T. 0.051 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

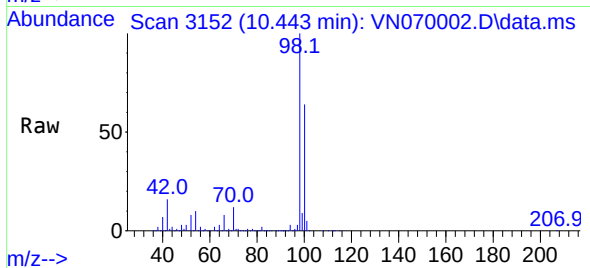
Tgt Ion: 43 Resp: 12053
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



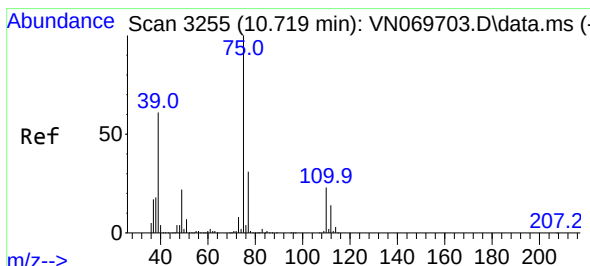
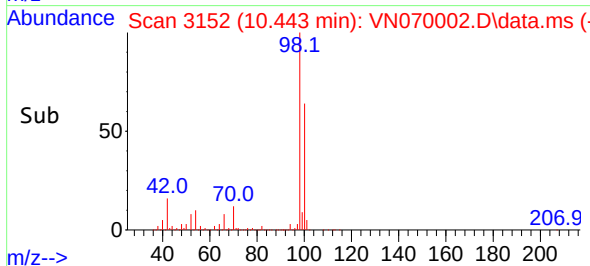
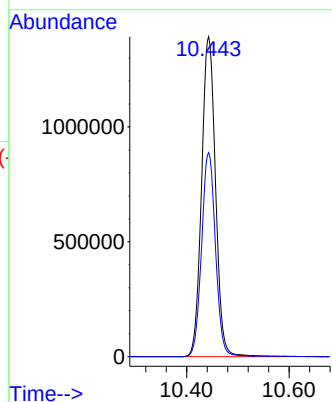


#50
Toluene-d8
Concen: 52.926 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

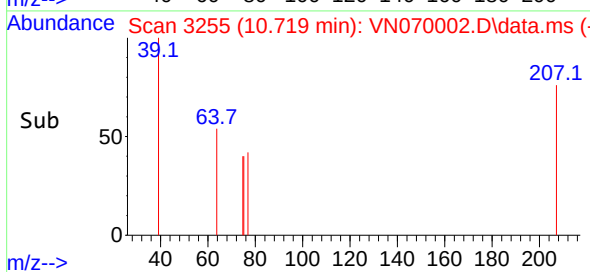
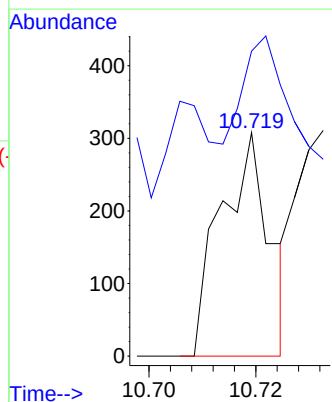
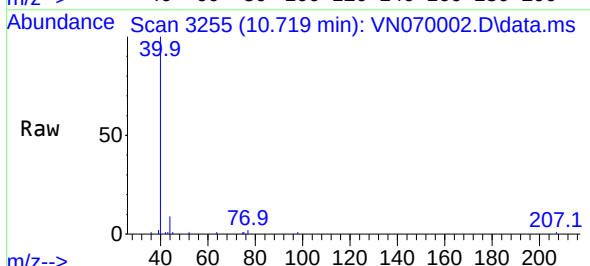


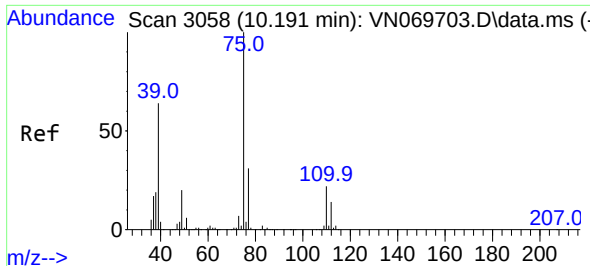
Tgt Ion: 98 Resp: 2631123
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.802 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

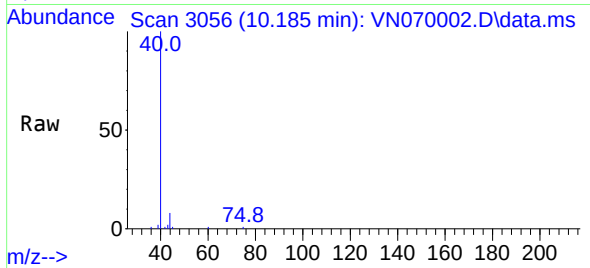
Tgt Ion: 75 Resp: 194
Ion Ratio Lower Upper
75 100
77 22.4 25.6 38.4#



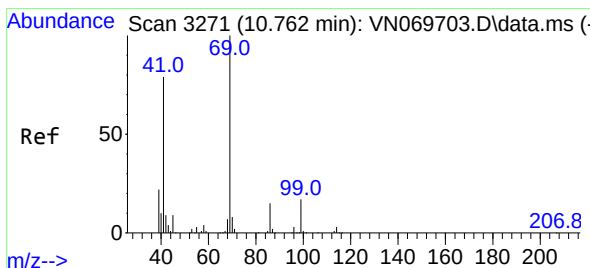
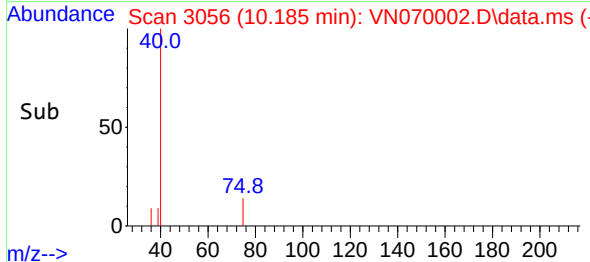
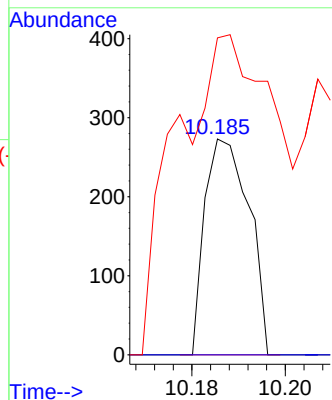


#54
cis-1,3-Dichloropropene
Concen: 2.006 ug/l
RT: 10.185 min Scan# 3058
Delta R.T. -0.006 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

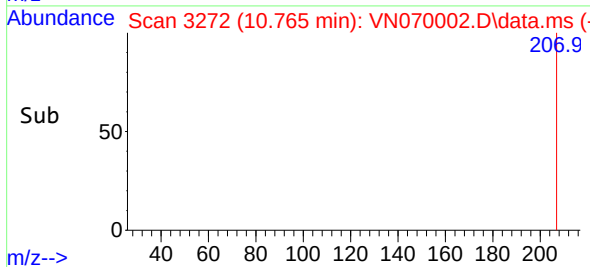
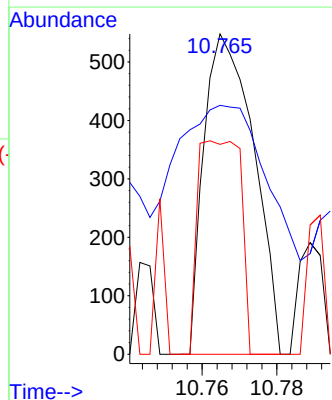
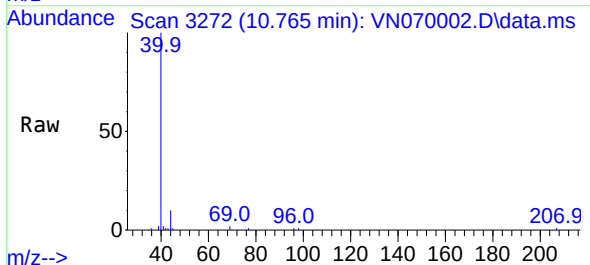


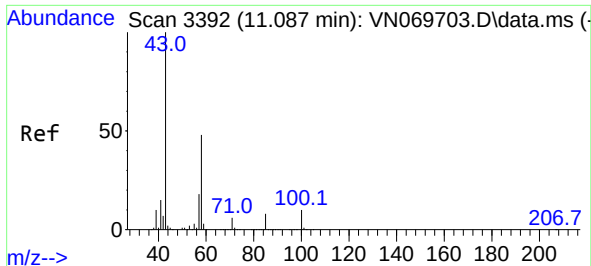
Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 38.8 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.297 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion: 69 Resp: 507
Ion Ratio Lower Upper
69 100
41 159.8 51.4 77.0#
39 57.2 34.6 52.0#

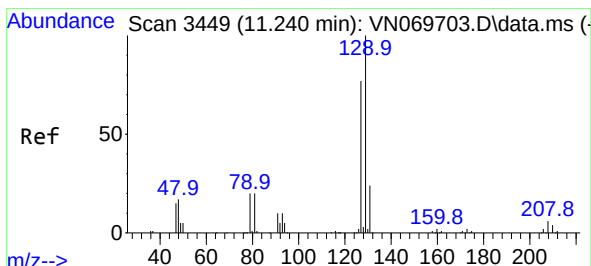
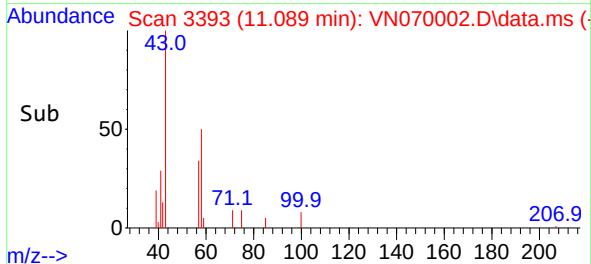
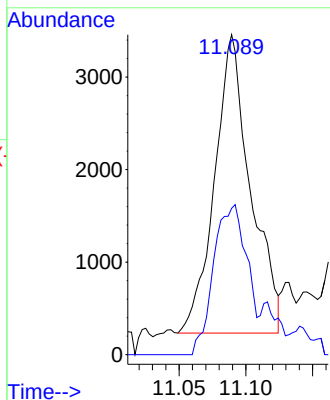
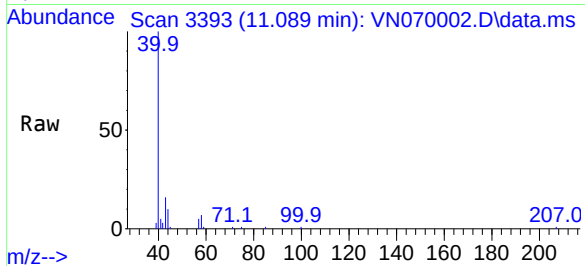




#59
2-Hexanone
Concen: 0.297 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

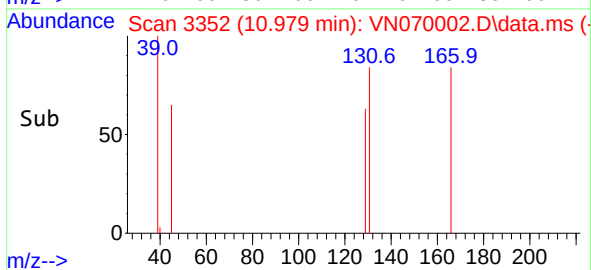
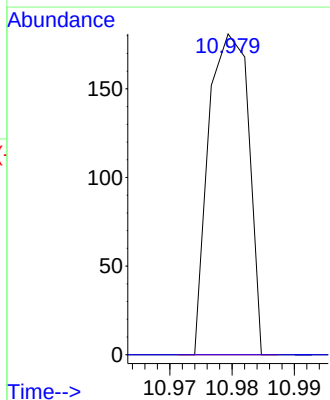
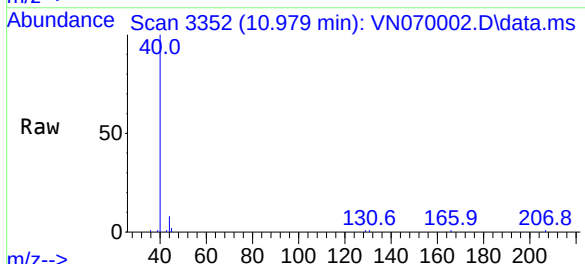
Instrument :
MSVOA_N
ClientSampleId :

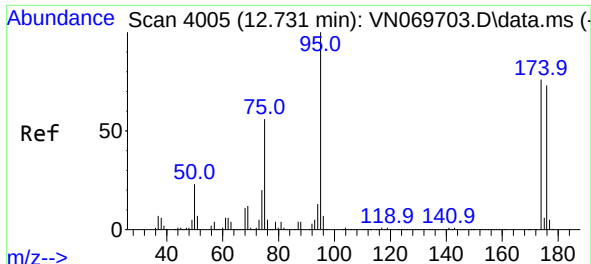
Tgt Ion: 43 Resp: 6047
Ion Ratio Lower Upper
43 100
58 47.6 26.9 80.7



#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion:129 Resp: 81
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

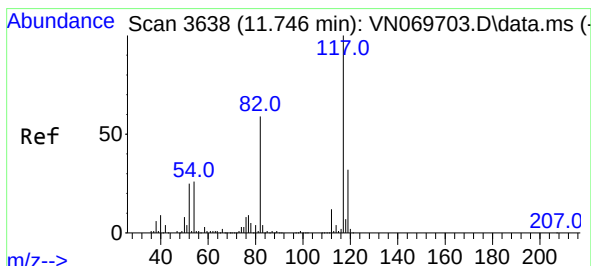
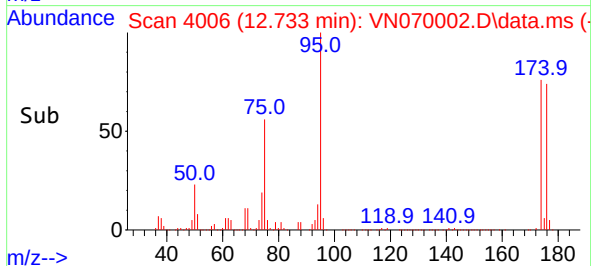
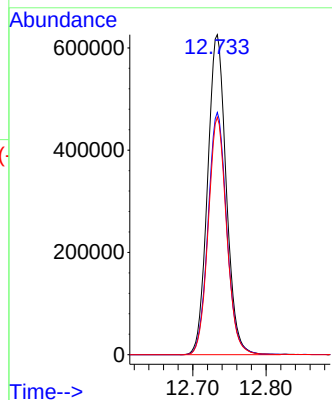
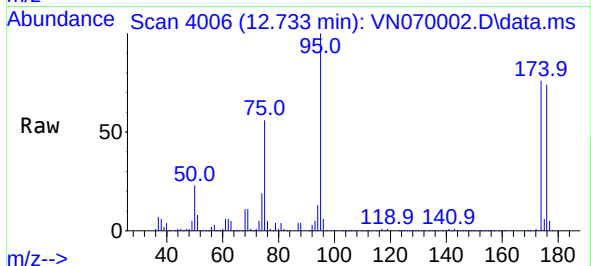




#62
4-Bromofluorobenzene
Concen: 61.307 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

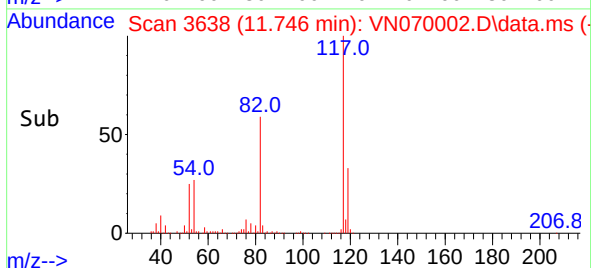
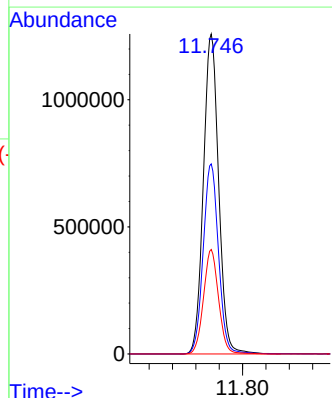
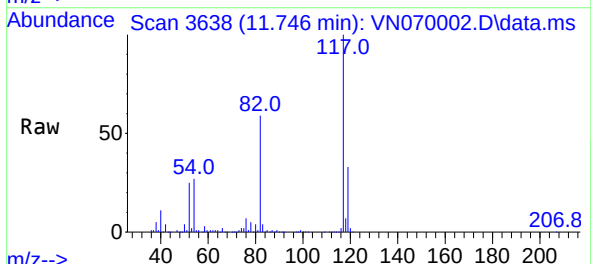
Instrument :
MSVOA_N
ClientSampleId :

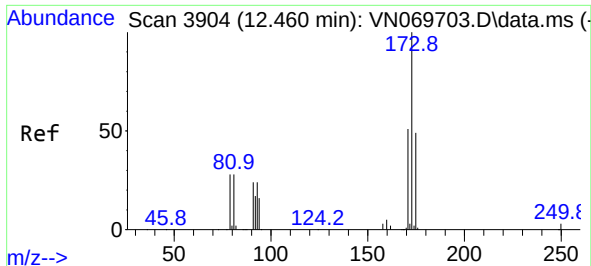
Tgt Ion: 95 Resp: 1104133
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion: 117 Resp: 2287793
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.7 25.4 38.2

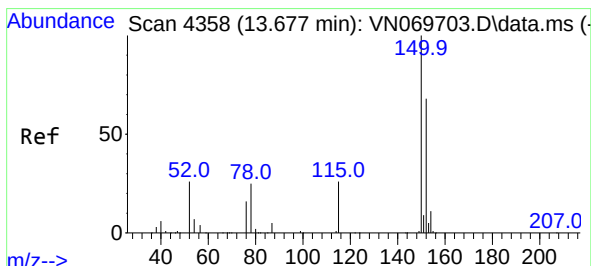
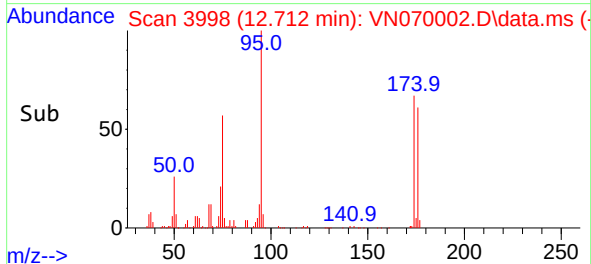
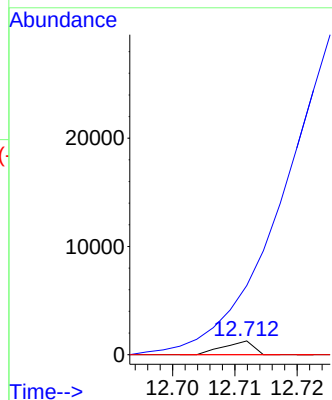
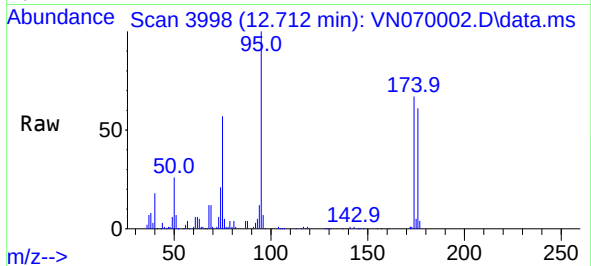




#71
Bromoform
Concen: 2.760 ug/l
RT: 12.712 min Scan# 3904
Delta R.T. 0.252 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

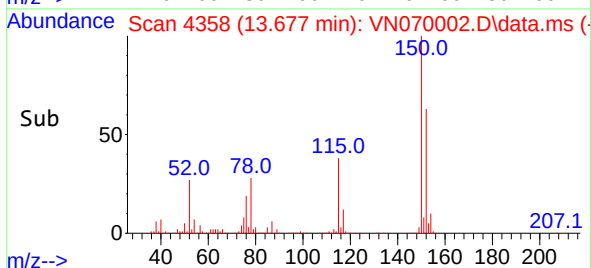
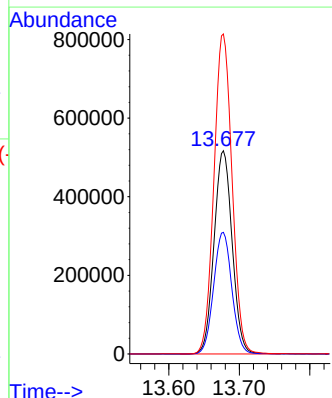
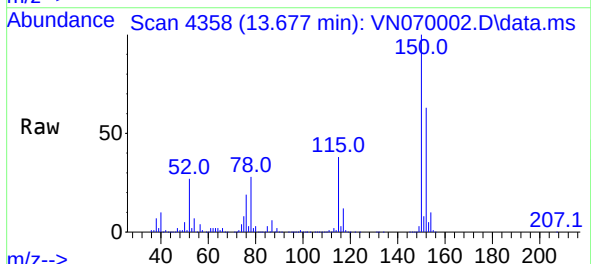
Instrument :
MSVOA_N
ClientSampleId :

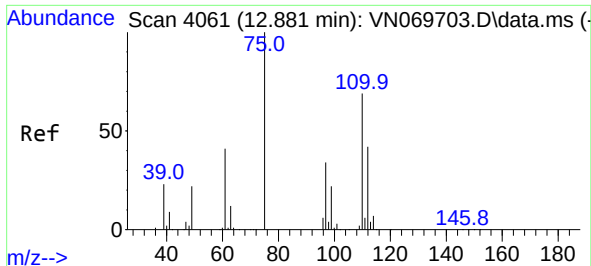
Tgt Ion:173 Resp: 425
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion:152 Resp: 923311
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 157.3 0.0 344.4

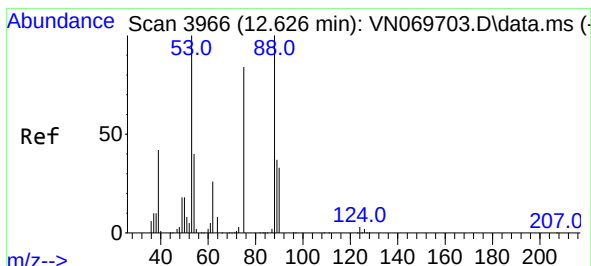
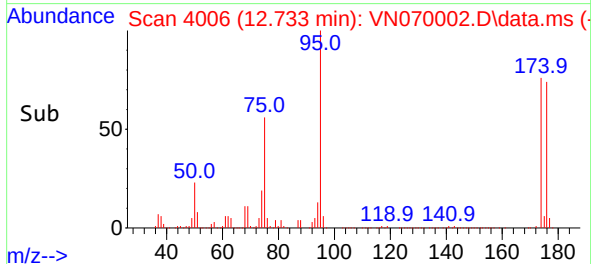
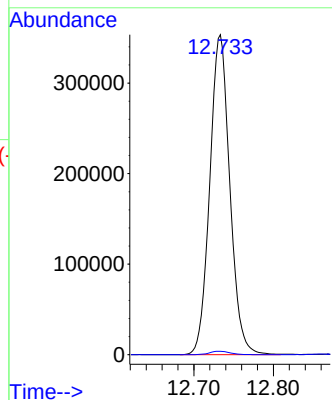
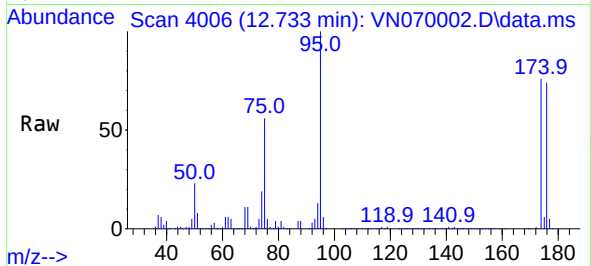




#76
1,2,3-Trichloropropane
Concen: 23.393 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

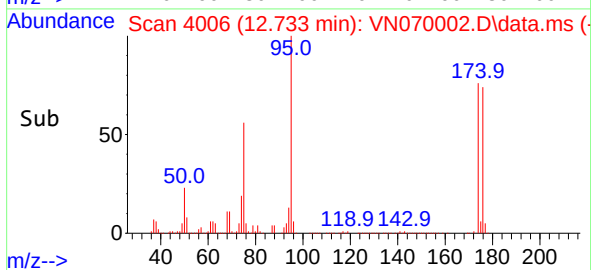
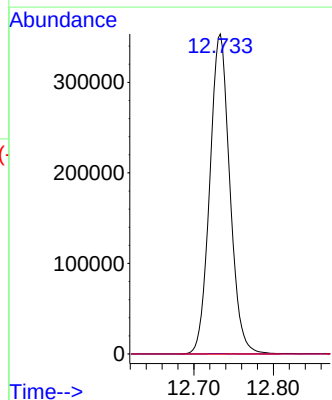
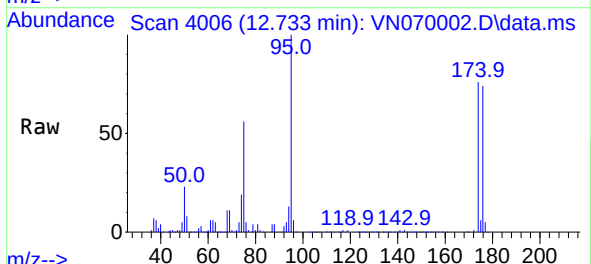
Instrument :
MSVOA_N
ClientSampleId :

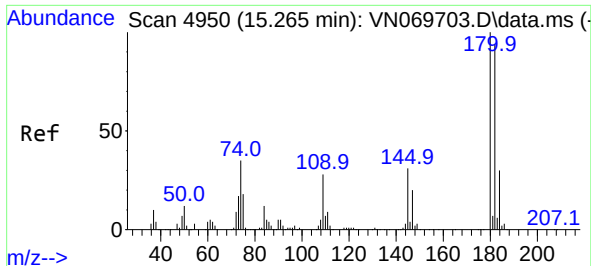
Tgt Ion: 75 Resp: 619399
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.404 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

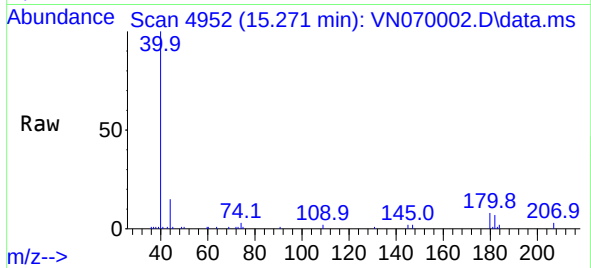
Tgt Ion: 75 Resp: 619399
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



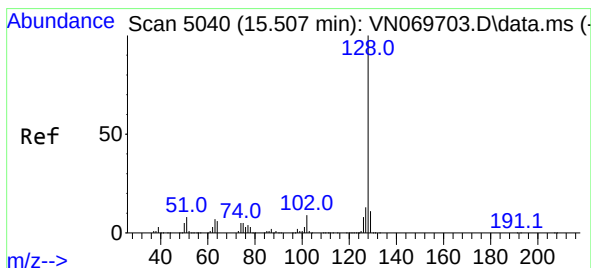
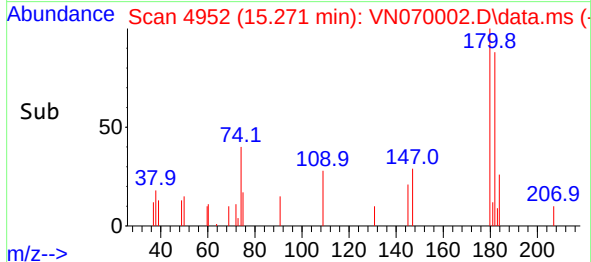
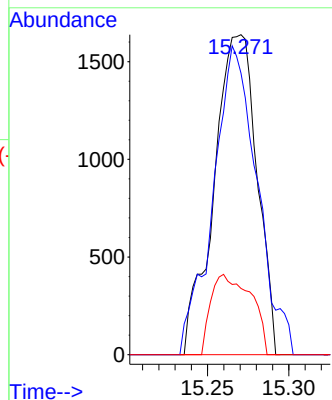


#93
1,2,4-Trichlorobenzene
Concen: 3.066 ug/l
RT: 15.271 min Scan# 4950
Delta R.T. 0.005 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :

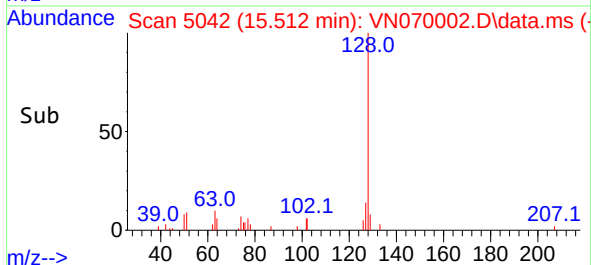
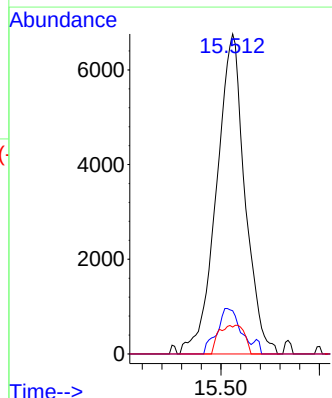
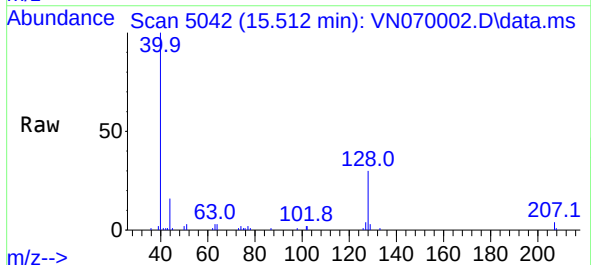


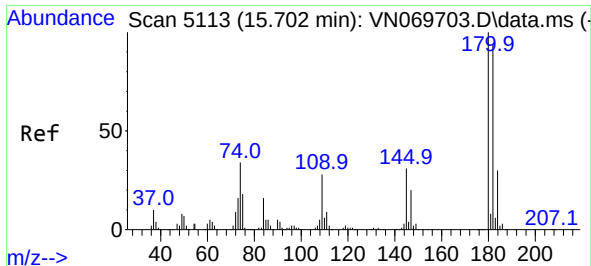
Tgt Ion:180 Resp: 3022
Ion Ratio Lower Upper
180 100
182 98.4 48.3 144.9
145 23.4 14.5 43.5



#95
Naphthalene
Concen: 4.262 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN070002.D
Acq: 11 Dec 2021 12:22

Tgt Ion:128 Resp: 13570
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 4.7 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.653 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

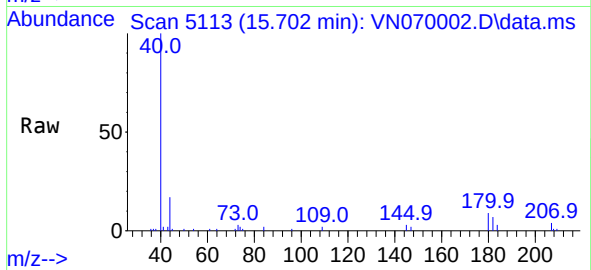
Lab File: VN070002.D

Acq: 11 Dec 2021 12:22

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 3378

Ion Ratio Lower Upper

180 100

182 63.1 47.4 142.2

145 19.9 15.0 45.1

