

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070454.D
 Acq On : 4 Jan 2022 11:00
 Operator : JC/MD
 Sample : VN0104MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

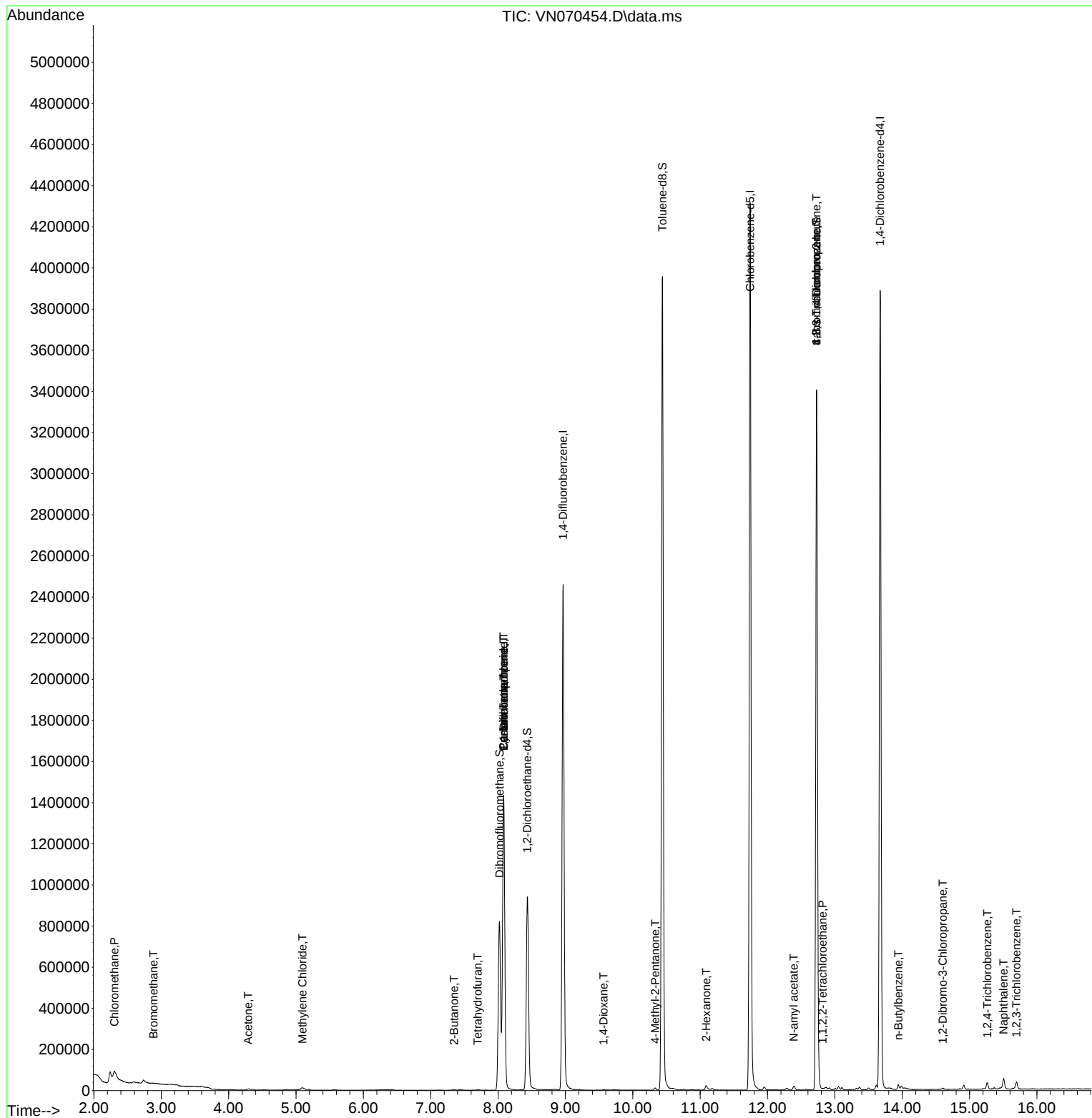
Internal Standards						
1) Pentafluorobenzene	8.083	168	1108291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2122604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	2498963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1052685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	816855	51.261	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.520%	
35) Dibromofluoromethane	8.021	113	618303	48.144	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.280%	
50) Toluene-d8	10.440	98	2803708	53.440	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.728	95	1265138	66.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 133.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	4817	0.282	ug/l	100
5) Bromomethane	2.885	94	2712	0.338	ug/l	86
16) Acetone	4.288	43	4037	0.390	ug/l	94
20) Methylene Chloride	5.095	84	4580	0.320	ug/l	87
25) 2-Butanone	7.348	43	4592	0.353	ug/l #	89
29) Tetrahydrofuran	7.697	42	2306	0.297	ug/l #	55
31) Cyclohexane	8.083	56	25485	1.013	ug/l #	10
36) 1,1-Dichloropropene	8.083	75	89735	4.224	ug/l #	49
38) Carbon Tetrachloride	8.083	117	107230	5.286	ug/l #	16
49) 1,4-Dioxane	9.563	88	276	0.910	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	9881	0.362	ug/l	91
59) 2-Hexanone	11.089	43	21872	1.099	ug/l	89
74) N-amyl acetate	12.390	43	12569	0.306	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.819	83	2295	0.511	ug/l #	95
76) 1,2,3-Trichloropropane	12.728	75	665417	22.918	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	665417	77.230	ug/l #	5
89) n-Butylbenzene	13.943	91	14159	0.231	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1474	0.260	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	11588	0.668	ug/l	91
95) Naphthalene	15.504	128	49345	2.789	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	15069	1.719	ug/l	97

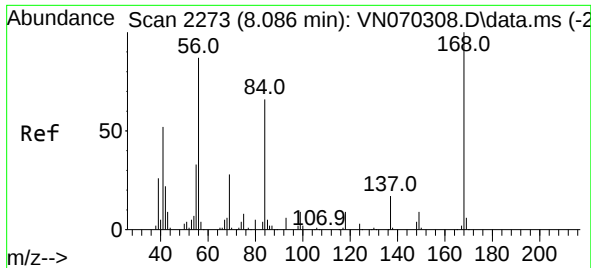
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070454.D
Acq On : 4 Jan 2022 11:00
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Sample : VN0104MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 05 03:12:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

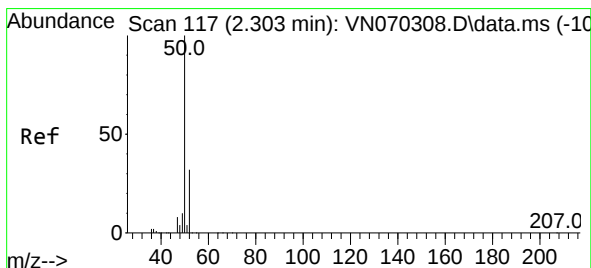
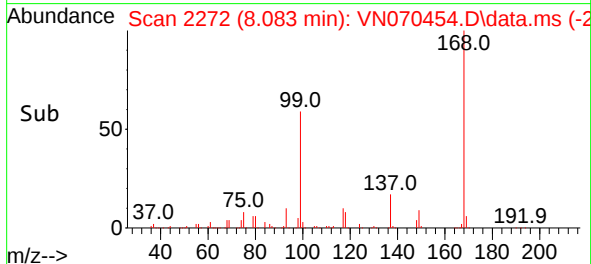
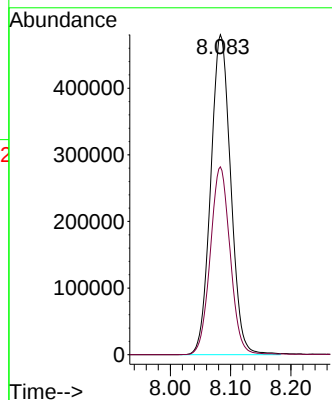
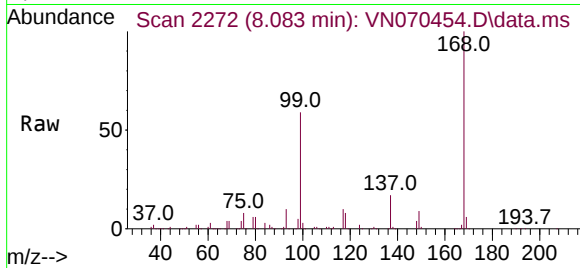




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

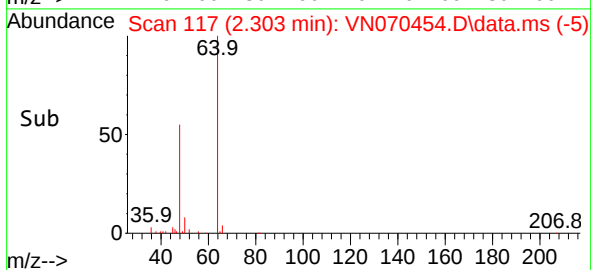
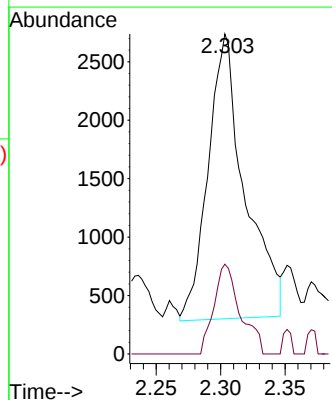
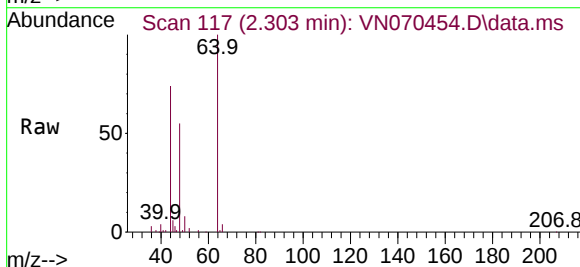
Instrument :
MSVOA_N
ClientSampleId :

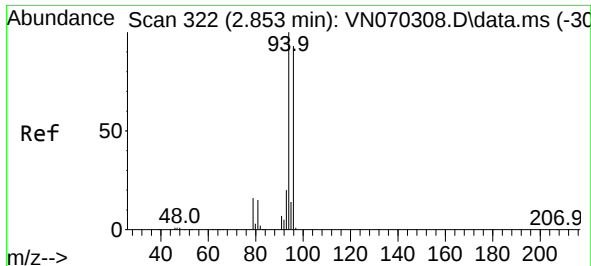
Tgt Ion:168 Resp: 1108291
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#3
Chloromethane
Concen: 0.282 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion: 50 Resp: 4817
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

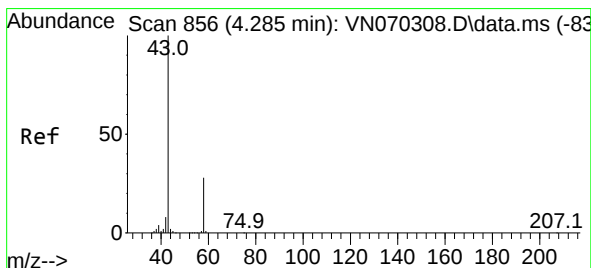
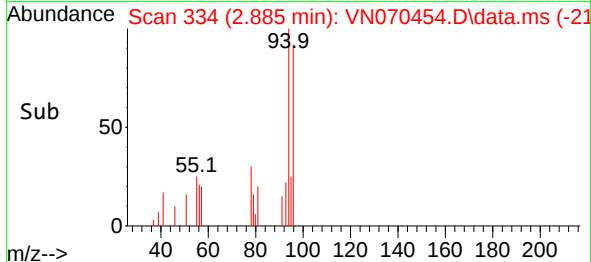
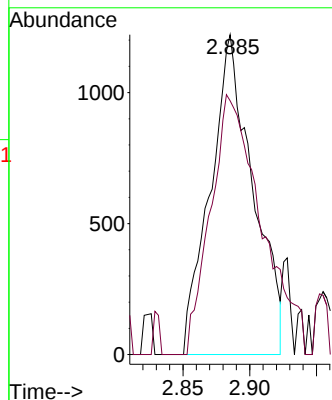
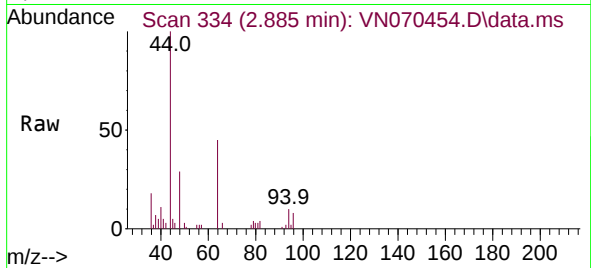




#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.885 min Scan# 31
Delta R.T. 0.032 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

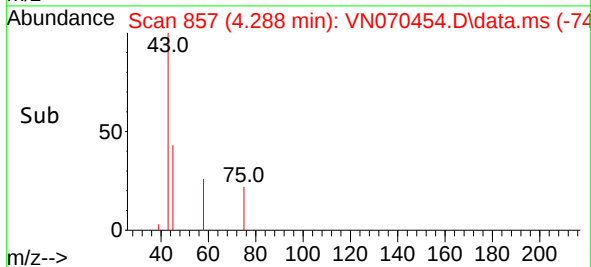
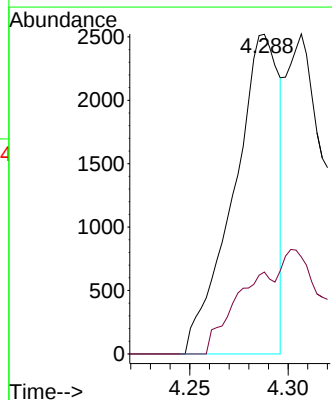
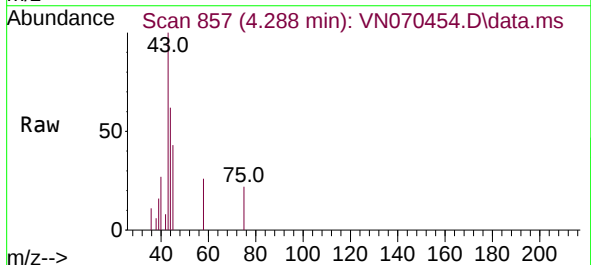
Instrument :
MSVOA_N
ClientSampleId :

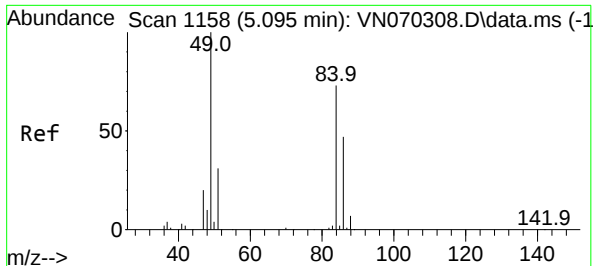
Tgt Ion: 94 Resp: 2712
Ion Ratio Lower Upper
94 100
96 79.4 73.8 110.8



#16
Acetone
Concen: 0.390 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

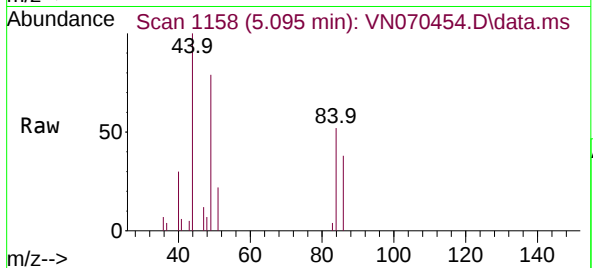
Tgt Ion: 43 Resp: 4037
Ion Ratio Lower Upper
43 100
58 25.6 23.1 34.7



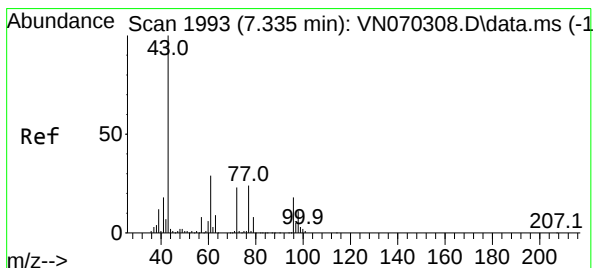
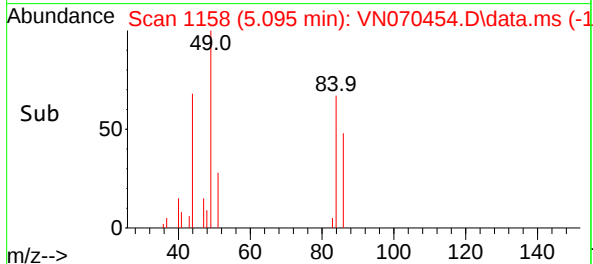
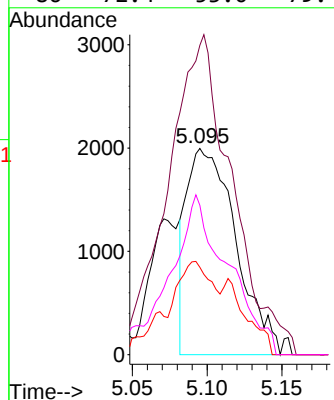


#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :

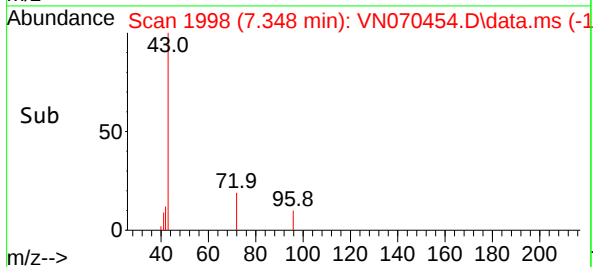
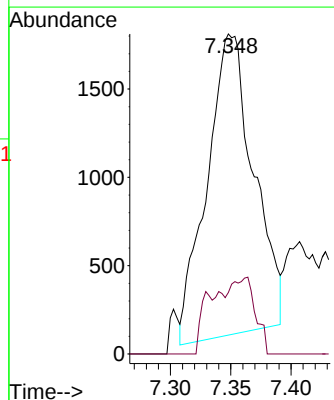
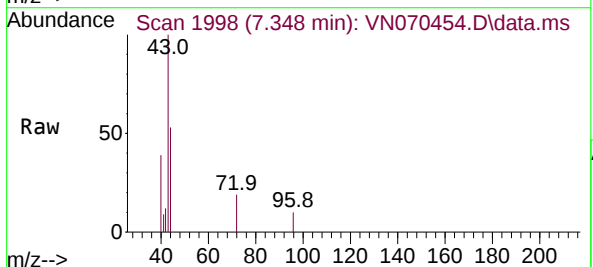


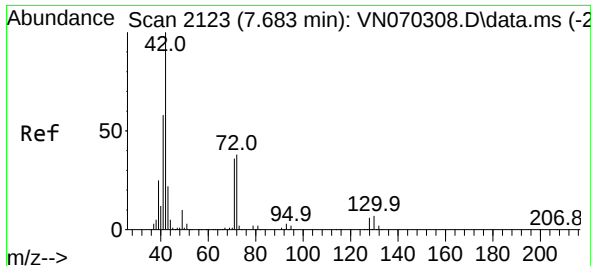
Tgt Ion:	84	Resp:	4580
Ion	Ratio	Lower	Upper
84	100		
49	136.0	93.5	140.3
51	42.3	29.4	44.2
86	72.4	53.0	79.4



#25
2-Butanone
Concen: 0.353 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion:	43	Resp:	4592
Ion	Ratio	Lower	Upper
43	100		
72	21.2	21.7	32.5#





#29

Tetrahydrofuran

Concen: 0.297 ug/l

RT: 7.697 min Scan# 2123

Delta R.T. 0.014 min

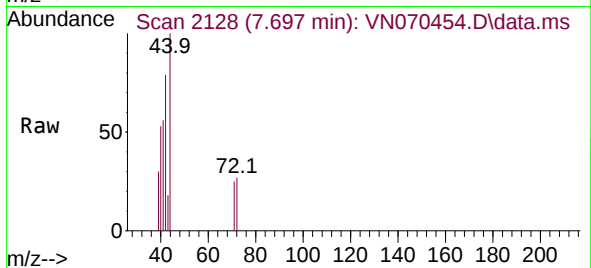
Lab File: VN070454.D

Acq: 4 Jan 2022 11:00

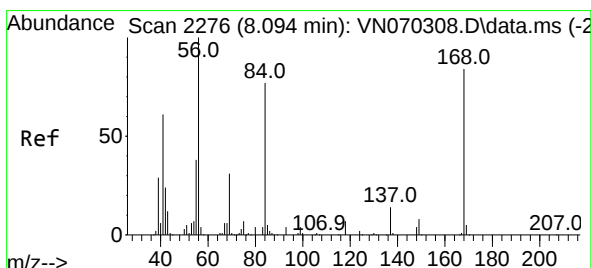
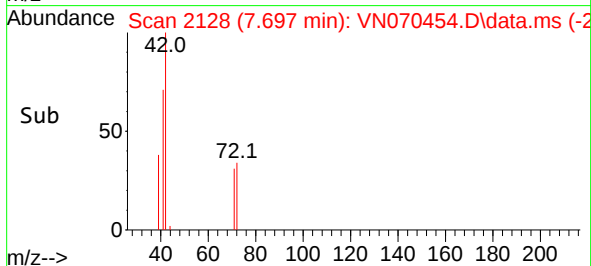
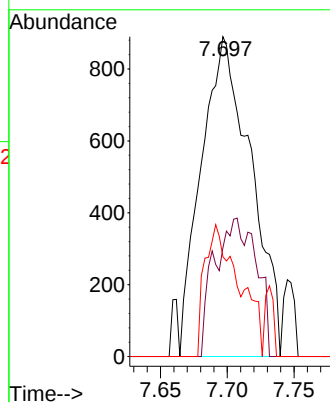
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2306
Ion Ratio	Lower	Upper	
42	100		
72	8.3	36.3	54.5#
71	22.6	34.7	52.1#



#31

Cyclohexane

Concen: 1.013 ug/l

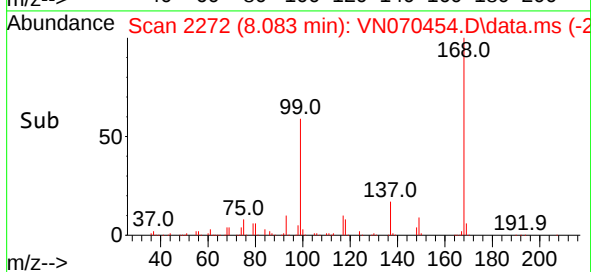
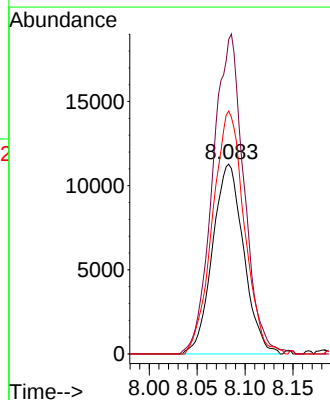
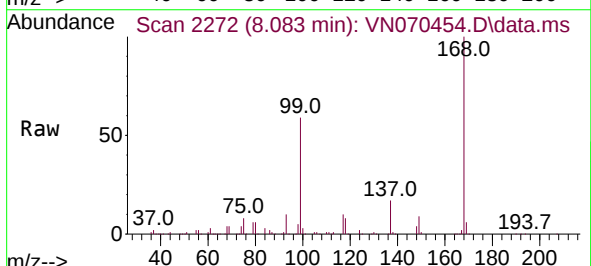
RT: 8.083 min Scan# 2272

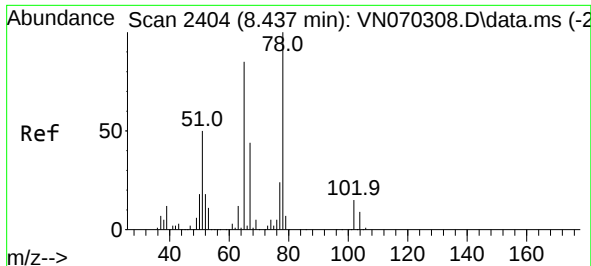
Delta R.T. -0.011 min

Lab File: VN070454.D

Acq: 4 Jan 2022 11:00

Tgt Ion:	56	Resp:	25485
Ion Ratio	Lower	Upper	
56	100		
69	165.6	27.1	40.7#
84	128.0	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.261 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070454.D

Acq: 4 Jan 2022 11:00

Instrument :

MSVOA_N

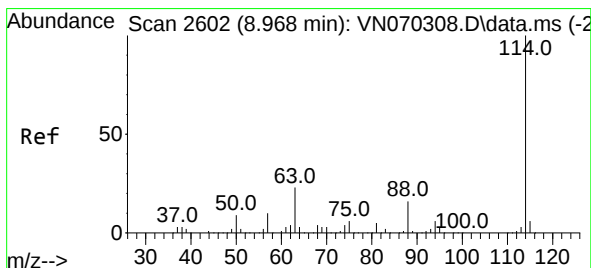
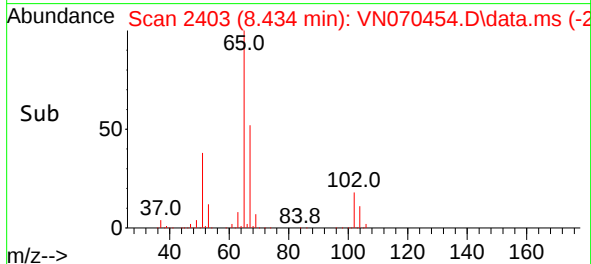
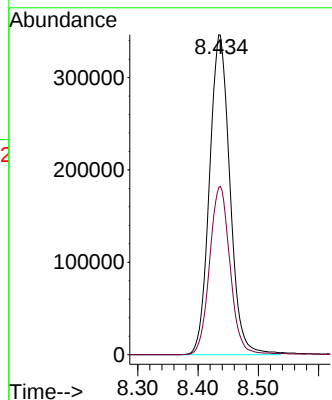
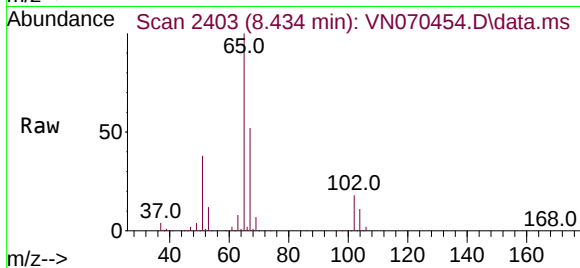
ClientSampleId :

Tgt Ion: 65 Resp: 816855

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070454.D

Acq: 4 Jan 2022 11:00

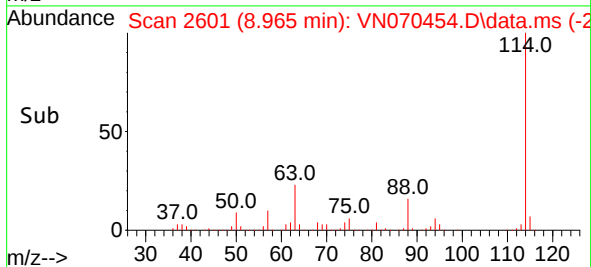
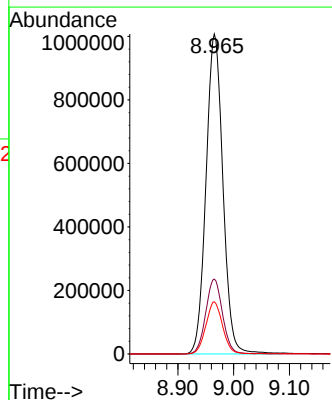
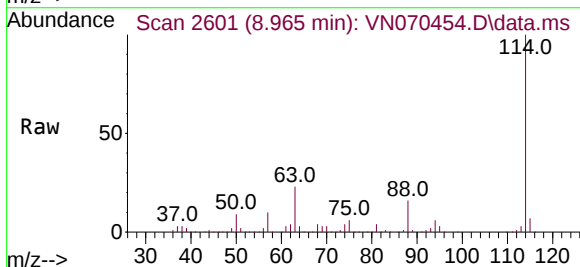
Tgt Ion: 114 Resp: 2122604

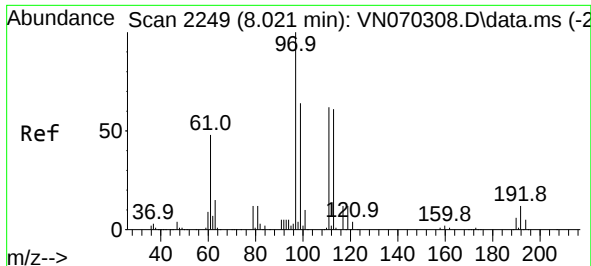
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

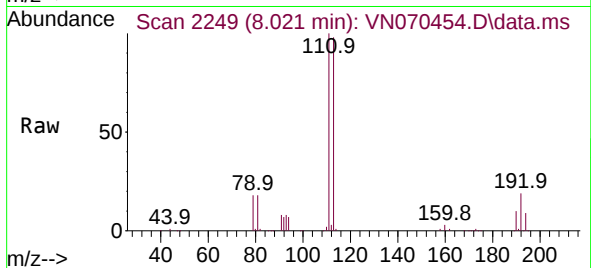
88 16.3 0.0 27.4



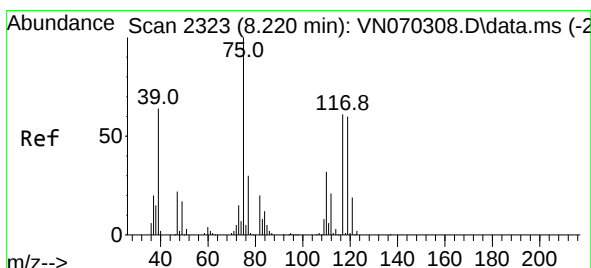
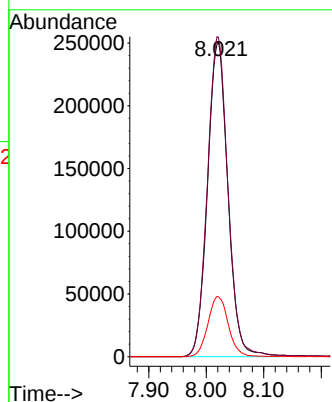
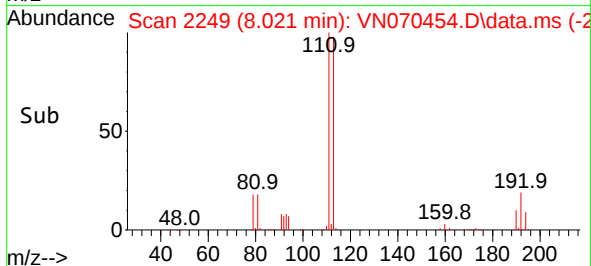


#35
Dibromofluoromethane
Concen: 48.144 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :

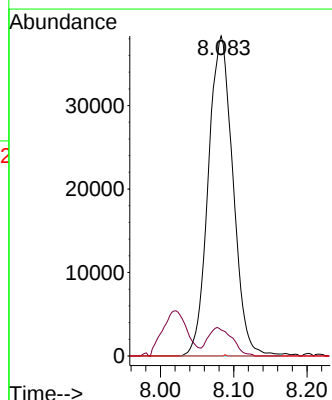
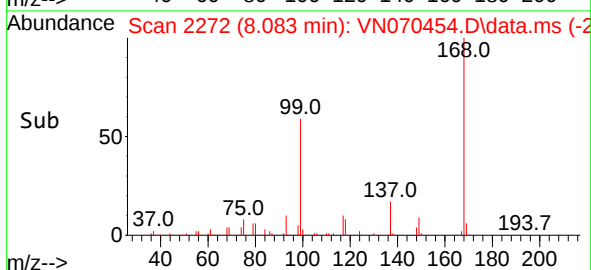
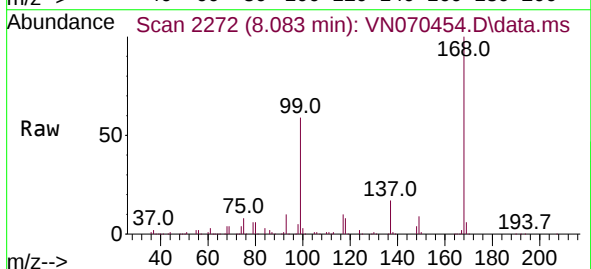


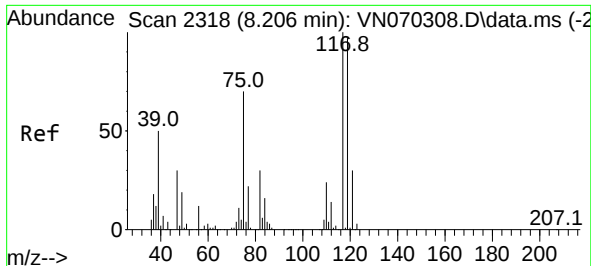
Tgt Ion:113 Resp: 618303
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

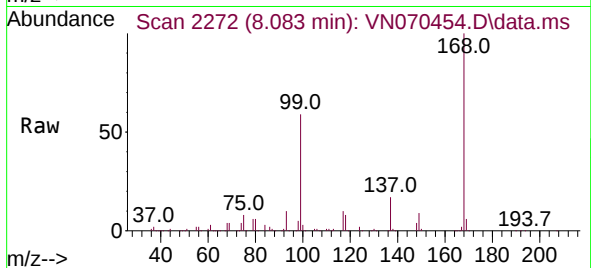
Tgt Ion: 75 Resp: 89735
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#



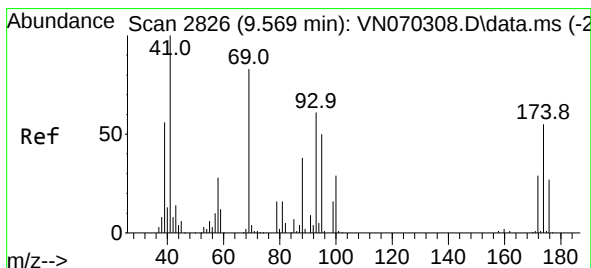
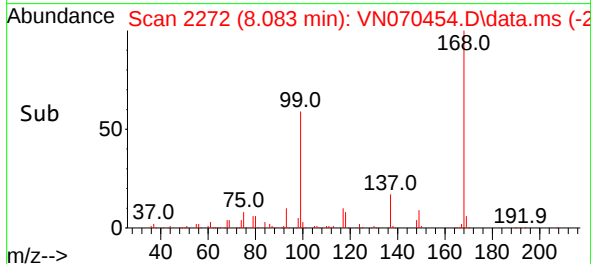
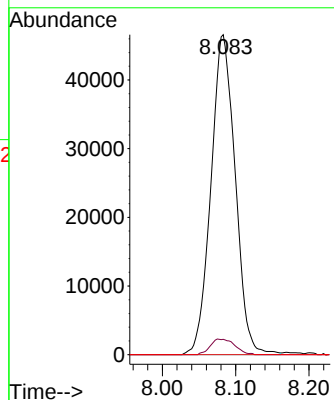


#38
Carbon Tetrachloride
Concen: 5.286 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :

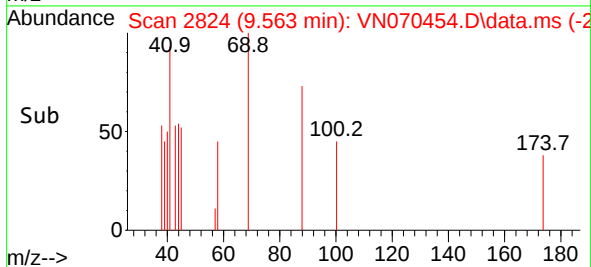
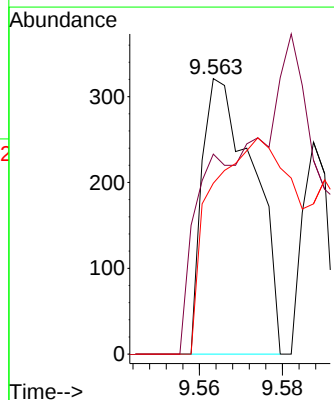
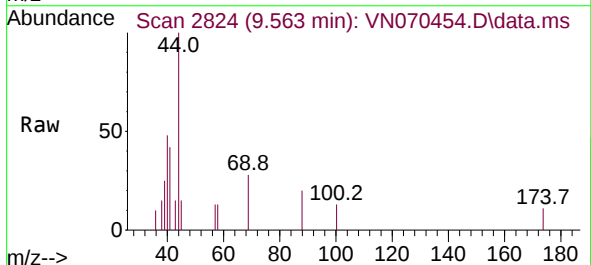


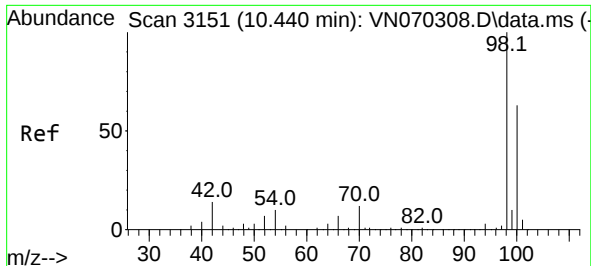
Tgt Ion:117 Resp: 107230
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.910 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. -0.006 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion: 88 Resp: 276
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

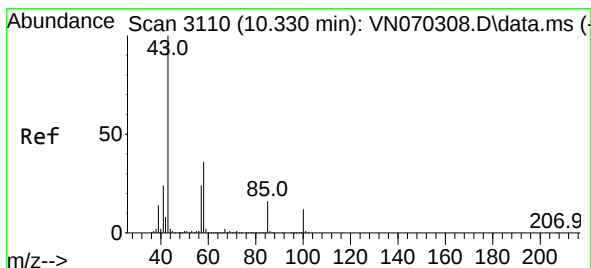
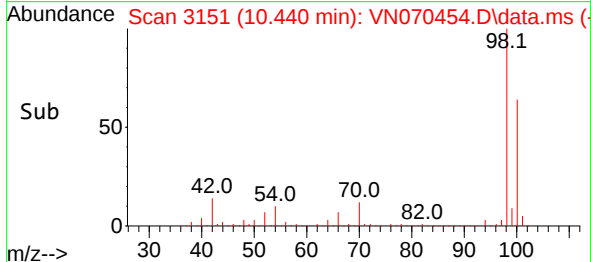
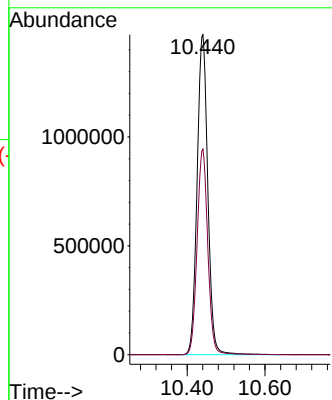
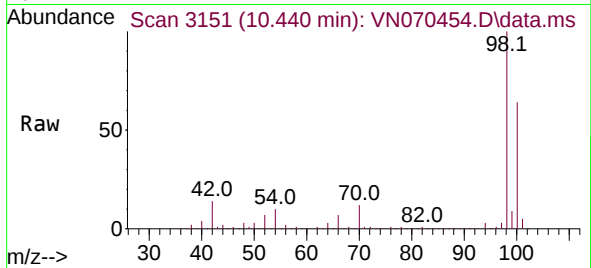




#50
Toluene-d8
Concen: 53.440 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

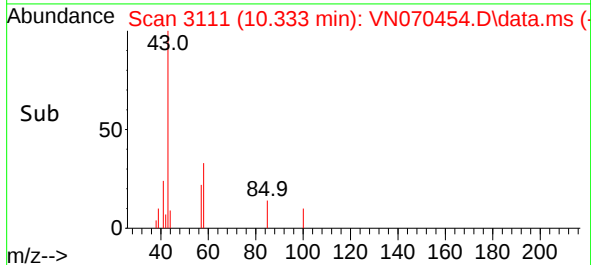
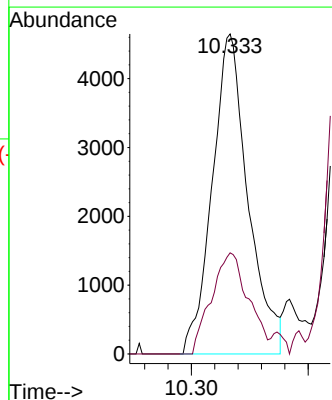
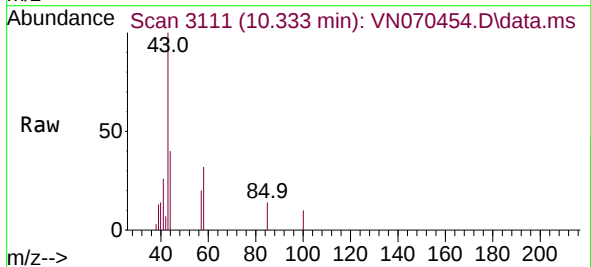
Instrument :
MSVOA_N
ClientSampleId :

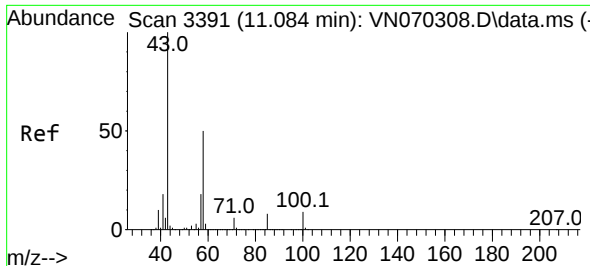
Tgt Ion: 98 Resp: 2803708
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion: 43 Resp: 9881
Ion Ratio Lower Upper
43 100
58 32.7 30.4 45.6

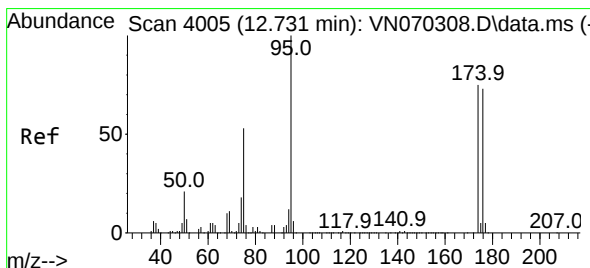
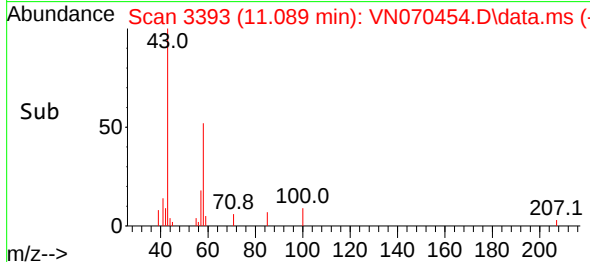
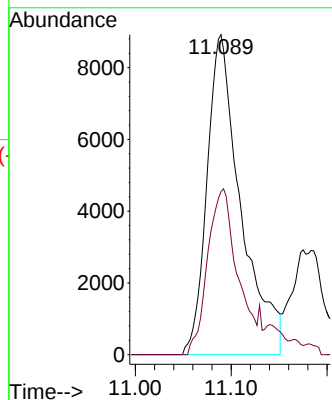
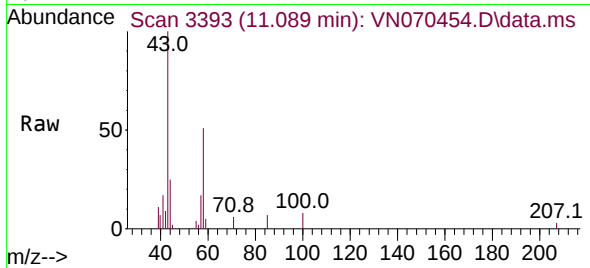




#59
2-Hexanone
Concen: 1.099 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

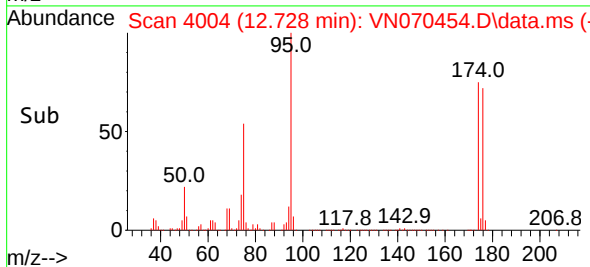
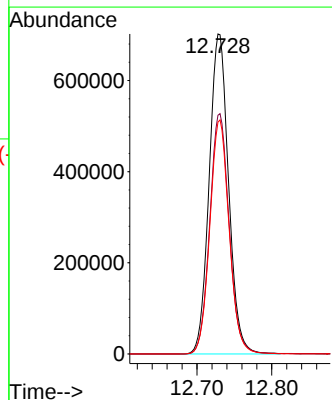
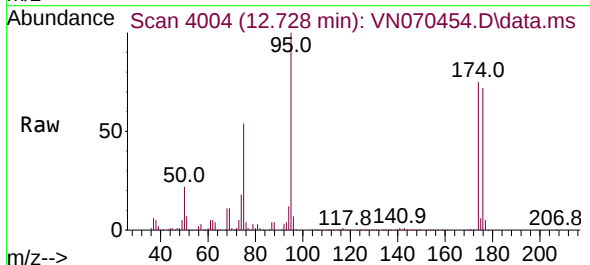
Instrument :
MSVOA_N
ClientSampleId :

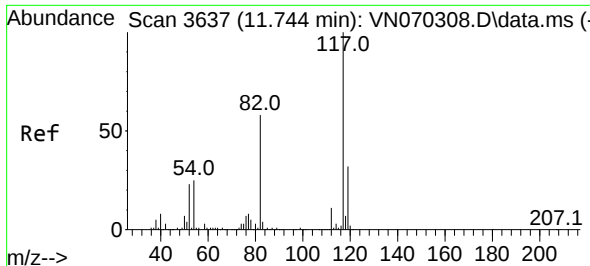
Tgt Ion: 43 Resp: 21872
Ion Ratio Lower Upper
43 100
58 45.6 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 66.766 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

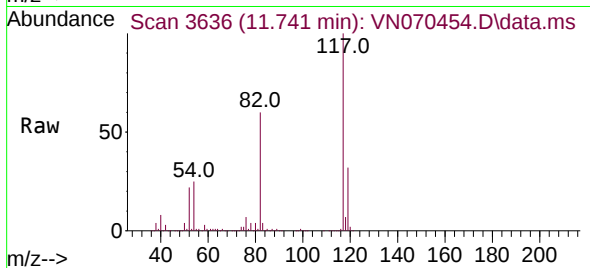
Tgt Ion: 95 Resp: 1265138
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.8 0.0 181.4





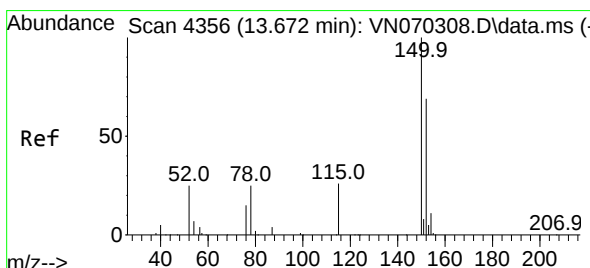
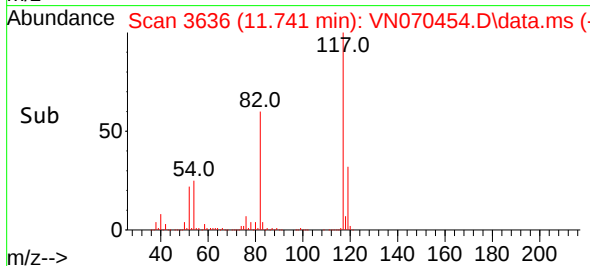
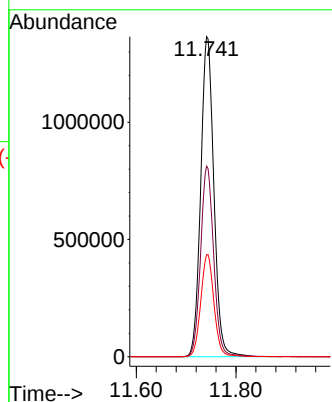
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2498963

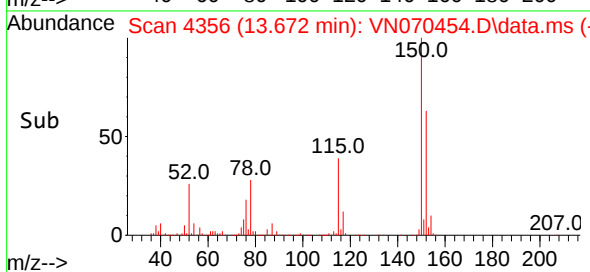
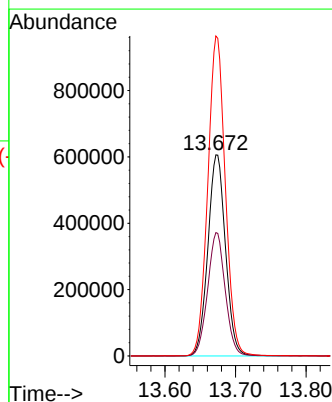
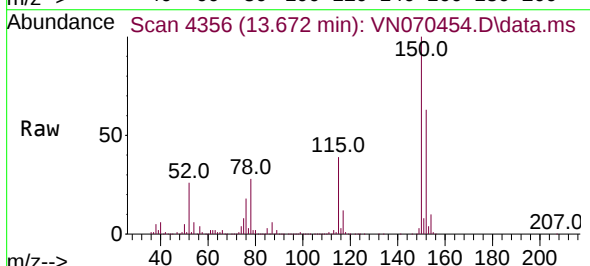
Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	31.8	25.4	38.2

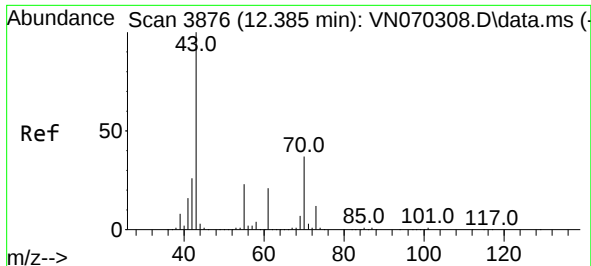


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion:152 Resp: 1052685

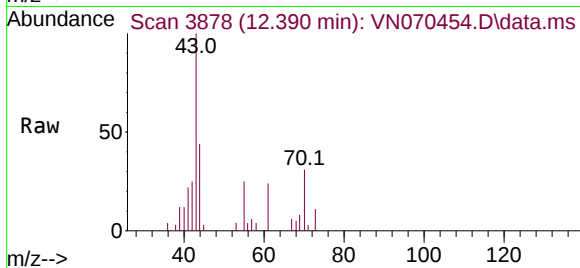
Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	157.9	0.0	344.4



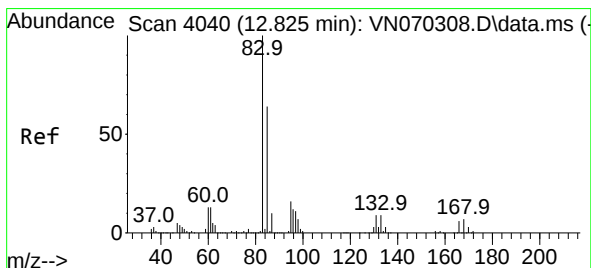
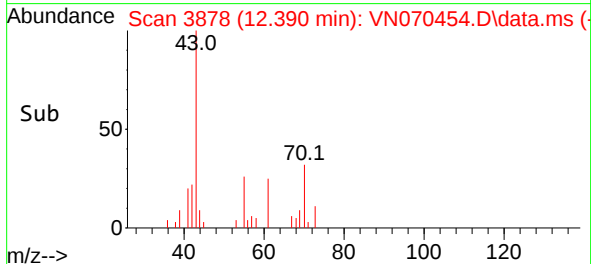
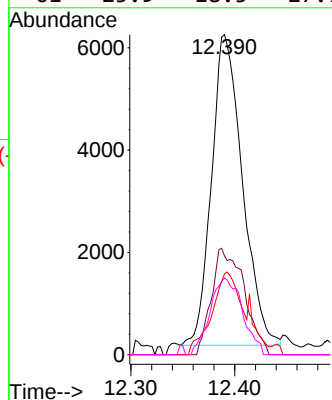


#74
N-amy1 acetate
Concen: 0.306 ug/l
RT: 12.390 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :

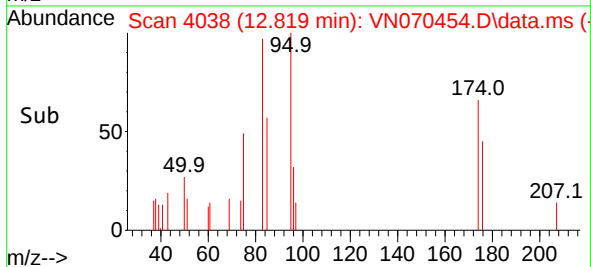
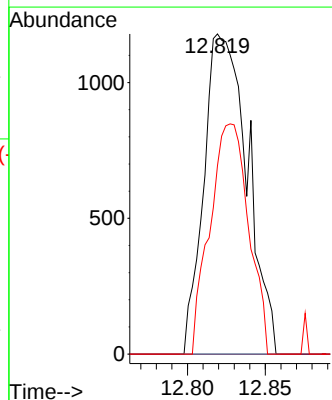
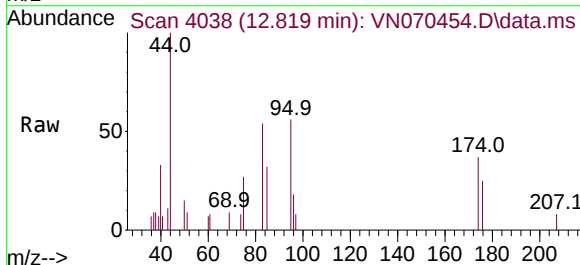


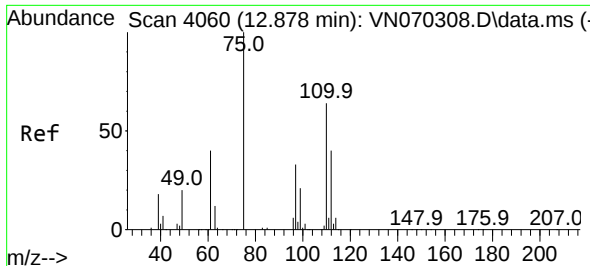
Tgt Ion: 43	Resp: 12569
Ion Ratio	Lower Upper
43 100	
70 36.2	33.4 50.0
55 24.3	19.3 28.9
61 25.9	18.5 27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.511 ug/l
RT: 12.819 min Scan# 4038
Delta R.T. -0.006 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion: 83	Resp: 2295
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 63.8	32.4 97.2

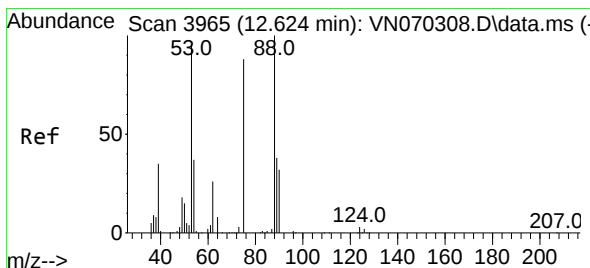
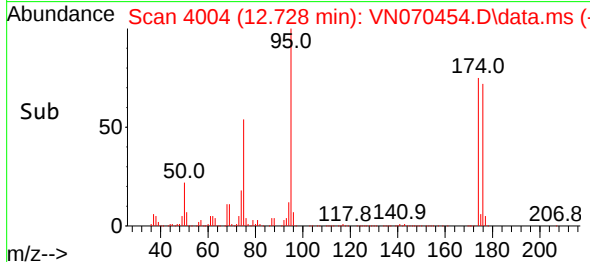
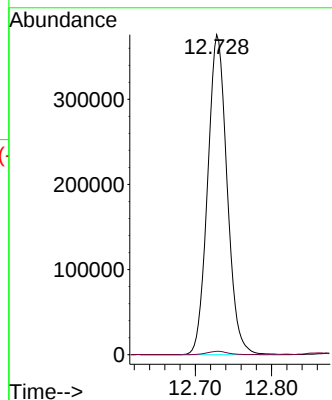
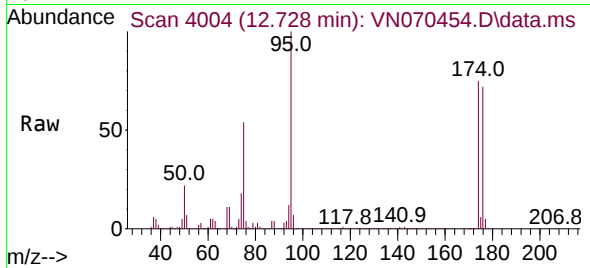




#76
1,2,3-Trichloropropane
Concen: 22.918 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

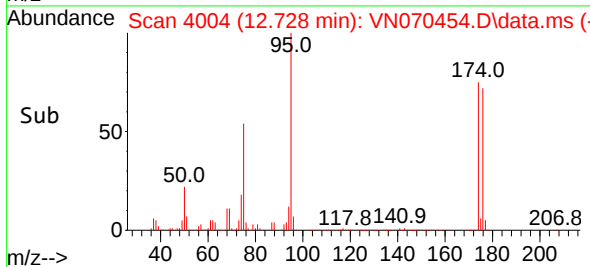
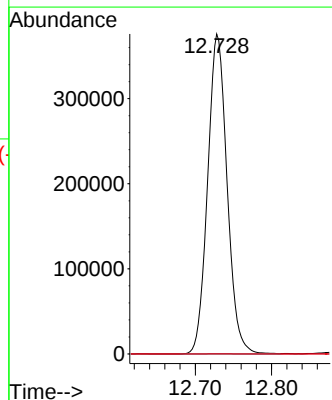
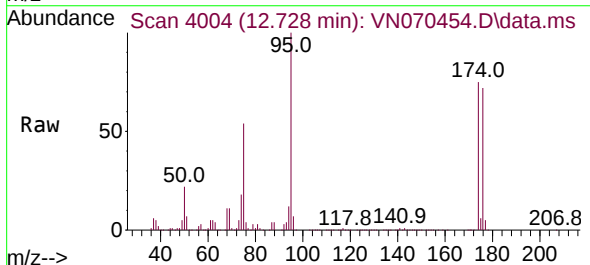
Instrument :
MSVOA_N
ClientSampleId :

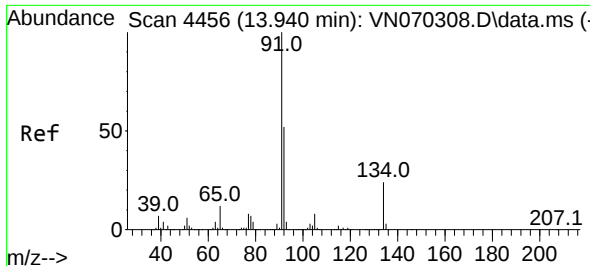
Tgt Ion: 75 Resp: 665417
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.230 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

Tgt Ion: 75 Resp: 665417
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

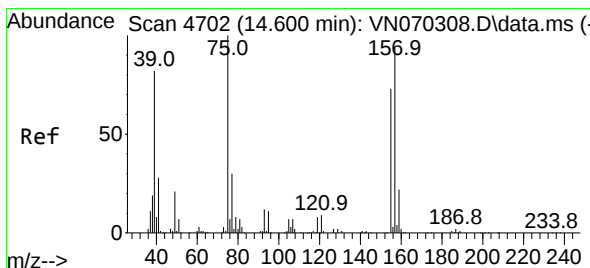
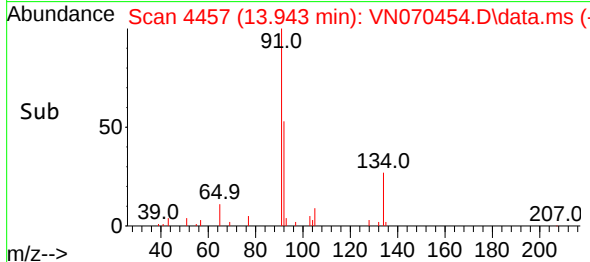
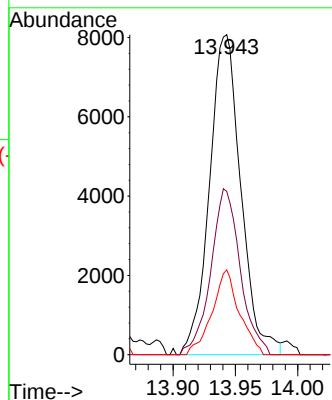
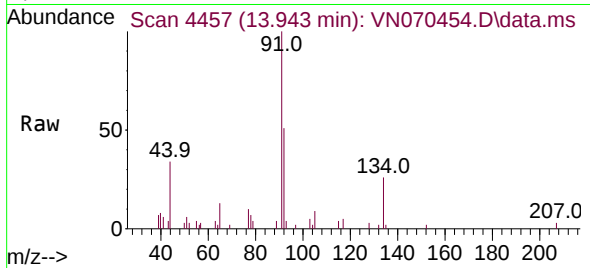




#89
n-Butylbenzene
Concen: 0.231 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

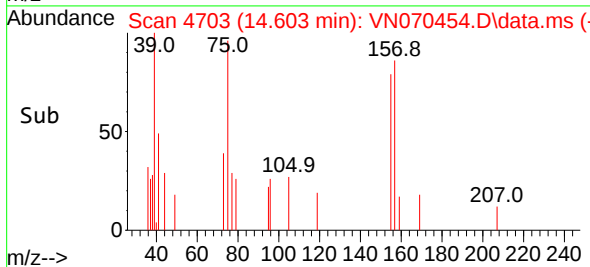
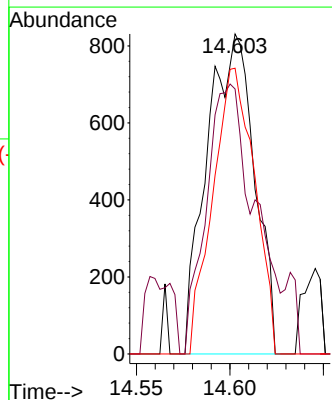
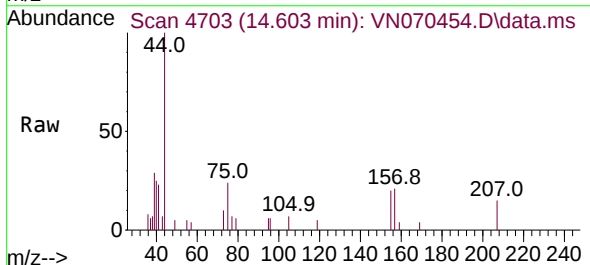
Instrument :
MSVOA_N
ClientSampleId :

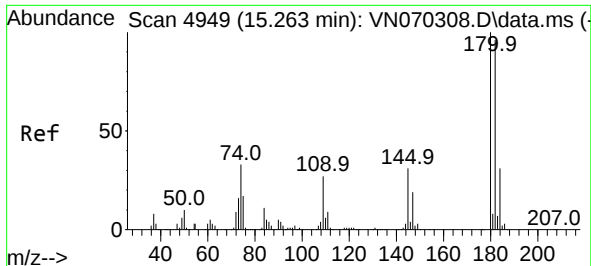
Tgt Ion: 91 Resp: 14159
Ion Ratio Lower Upper
91 100
92 48.6 25.4 76.0
134 23.0 13.6 40.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.260 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

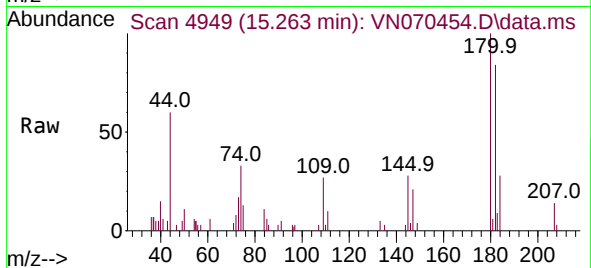
Tgt Ion: 75 Resp: 1474
Ion Ratio Lower Upper
75 100
155 86.0 46.9 140.7
157 78.2 60.6 181.7



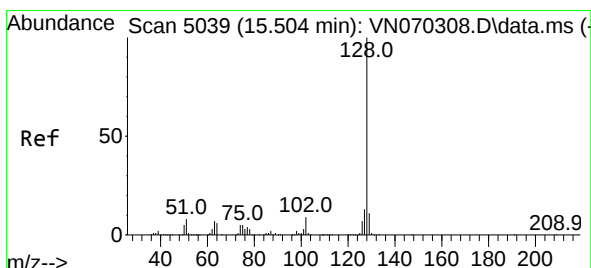
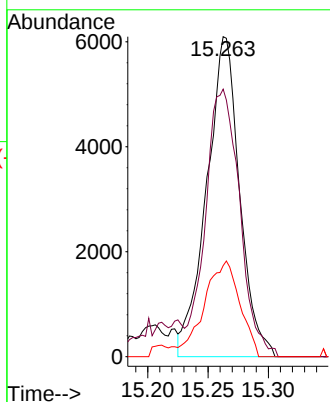
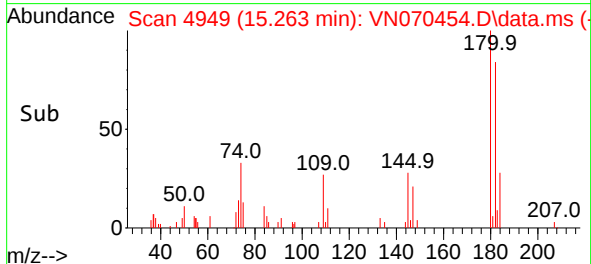


#93
1,2,4-Trichlorobenzene
Concen: 0.668 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00

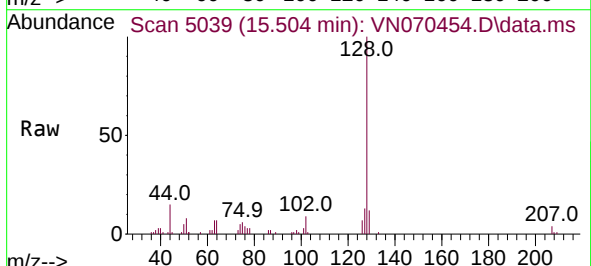
Instrument :
MSVOA_N
ClientSampleId :



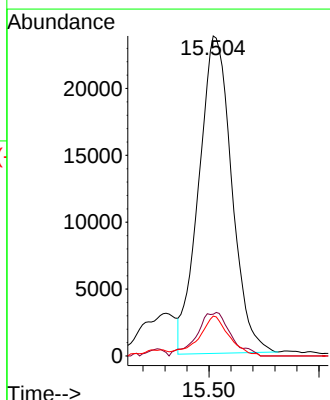
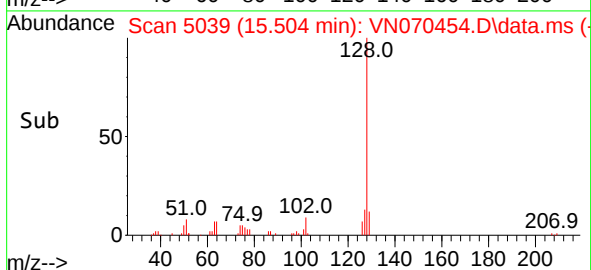
Tgt Ion:180 Resp: 11588
Ion Ratio Lower Upper
180 100
182 86.9 48.3 144.9
145 32.2 14.5 43.5

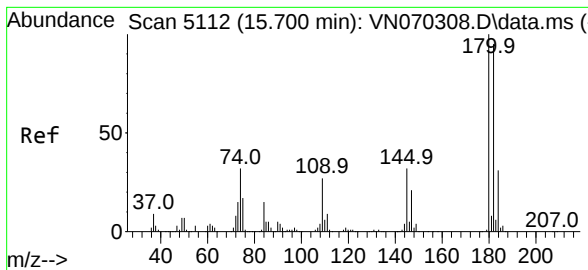


#95
Naphthalene
Concen: 2.789 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070454.D
Acq: 4 Jan 2022 11:00



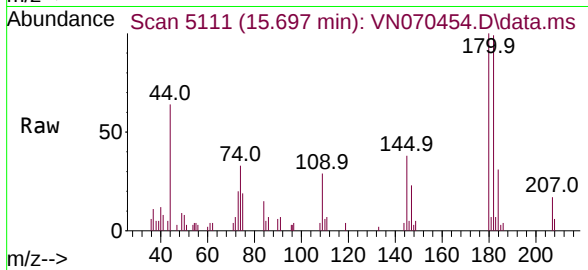
Tgt Ion:128 Resp: 49345
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.719 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070454.D
 Acq: 4 Jan 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 15069
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 35.9 15.0 45.1

