

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070102.D
 Acq On : 15 Dec 2021 5:01
 Operator : JC/MD
 Sample : M5011-17 10X
 Misc : 4.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:32:34 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	1244682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2360195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2906023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1355384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	970181	50.483	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.960%	
35) Dibromofluoromethane	8.021	113	664130	44.923	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 89.840%	
50) Toluene-d8	10.440	98	3217349	54.199	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.731	95	1608391	74.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 149.580%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.318	59	16507	4.544	ug/l #	71
13) Acrolein	4.049	56	777	0.251	ug/l #	64
16) Acetone	4.291	43	4602	0.398	ug/l	98
20) Methylene Chloride	5.084	84	3191	0.208	ug/l	93
25) 2-Butanone	7.340	43	21084	1.342	ug/l #	84
30) Chloroform	7.780	83	16750	0.613	ug/l #	18
31) Cyclohexane	8.067	56	198155	7.409	ug/l #	50
36) 1,1-Dichloropropene	8.086	75	105136	4.679	ug/l #	50
37) Ethyl Acetate	7.340	43	21084	0.630	ug/l #	70
38) Carbon Tetrachloride	8.086	117	127170	5.772	ug/l #	16
39) Methylcyclohexane	9.459	83	370155	13.850	ug/l #	71
41) Methacrylonitrile	7.675	41	4167	0.265	ug/l #	32
43) Isopropyl Acetate	8.555	43	68410	1.382	ug/l #	55
47) Bromodichloromethane	9.748	83	89279	3.899	ug/l #	26
48) Methyl methacrylate	9.593	41	83478	3.615	ug/l #	26
51) 4-Methyl-2-Pentanone	10.371	43	314151	9.785	ug/l #	75
53) t-1,3-Dichloropropene	10.722	75	390	2.808	ug/l #	1
54) cis-1,3-Dichloropropene	10.194	75	124	2.003	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	256768	15.178	ug/l #	28
56) Ethyl methacrylate	10.805	69	72674	4.452	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.022	63	7245	19.168	ug/l #	45
59) 2-Hexanone	11.052	43	315267	12.982	ug/l #	30
60) Dibromochloromethane	11.159	129	418	2.398	ug/l	93
61) 1,2-Dibromoethane	11.315	107	3952	0.226	ug/l #	1
67) Ethyl Benzene	11.843	91	93453	0.873	ug/l	95
68) m/p-Xylenes	11.953	106	79309	2.034	ug/l	81
70) Styrene	12.578	104	73010	1.172	ug/l #	1
71) Bromoform	12.715	173	882	2.778	ug/l #	1
73) Isopropylbenzene	12.578	105	2865839	23.765	ug/l	98
74) N-amyl acetate	12.369	43	223328	4.188	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.811	83	15397	0.369	ug/l #	9
76) 1,2,3-Trichloropropane	12.919	75	33374	0.859	ug/l #	1
78) n-propylbenzene	12.919	91	5111858	38.094	ug/l	96
79) 2-Chlorotoluene	12.919	91	5113354	60.305	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	560305	5.773	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.581	75	38231	7.018	ug/l #	56

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

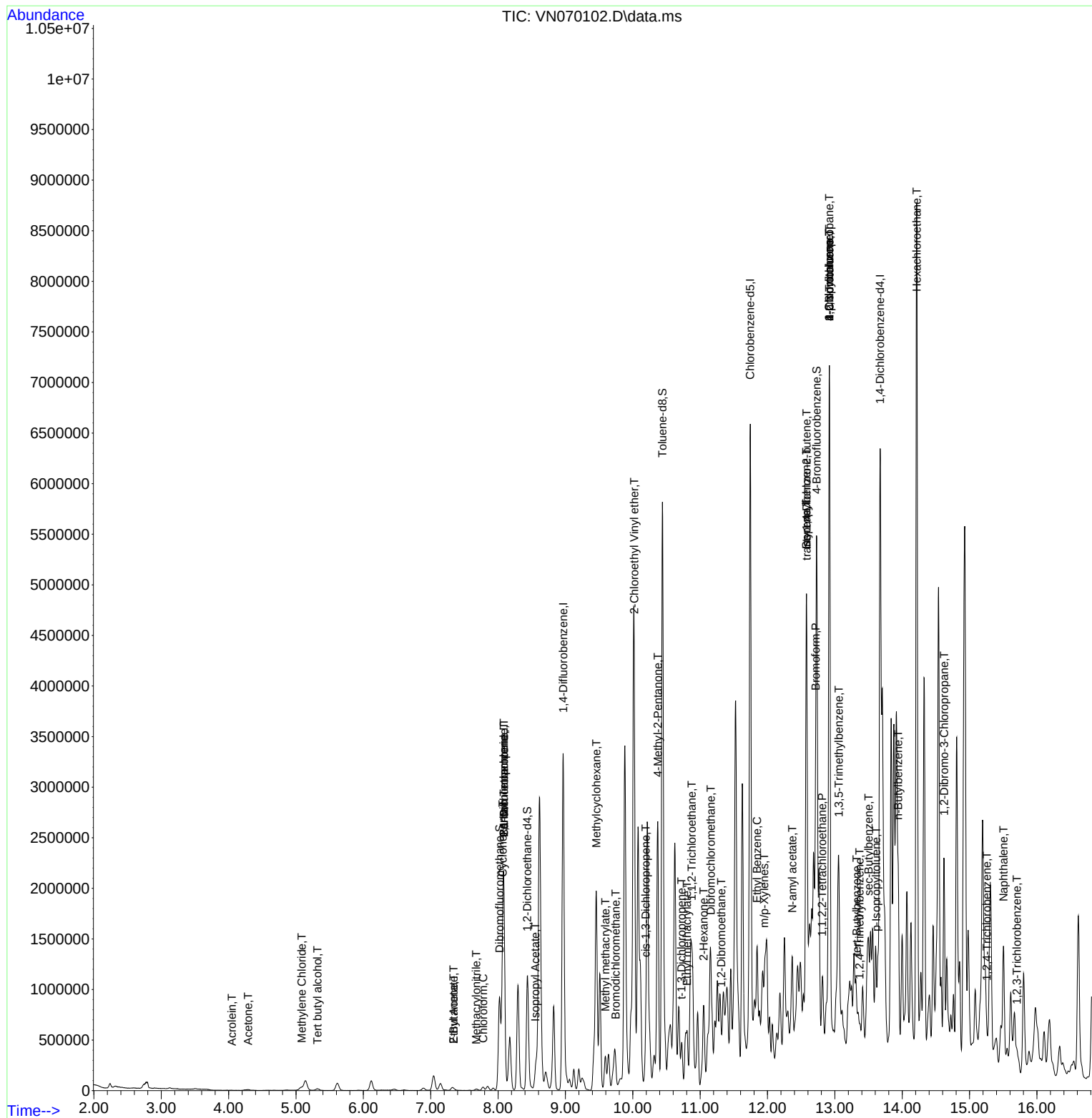
82) 4-Chlorotoluene	12.919	91	5113354	64.125	ug/l #	38
83) tert-Butylbenzene	13.323	119	18449	0.215	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.366	105	57631	0.623	ug/l	99
85) sec-Butylbenzene	13.500	105	514771	4.416	ug/l #	63
86) p-Isopropyltoluene	13.616	119	113500	1.246	ug/l	96
89) n-Butylbenzene	13.940	91	1196181	16.182	ug/l #	73
90) Hexachloroethane	14.217	117	423558	26.475	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	4567	0.606	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.255	180	701	2.908	ug/l #	46
95) Naphthalene	15.504	128	943239	17.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	806	2.471	ug/l #	62

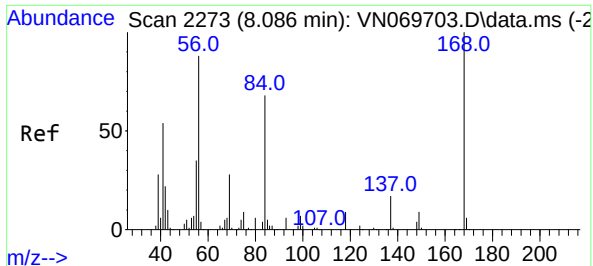
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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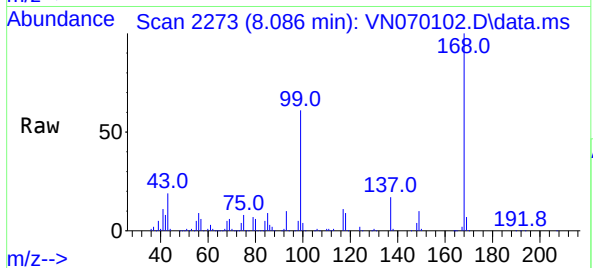
Quant Time: Dec 15 05:32:34 2021
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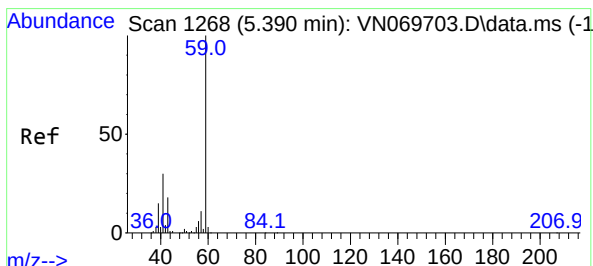
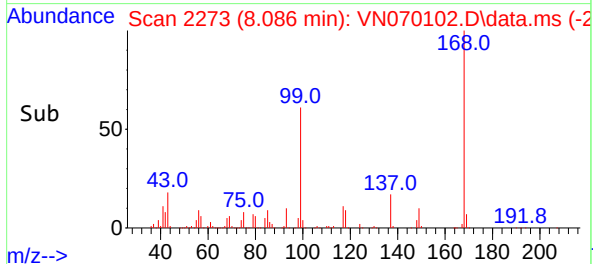
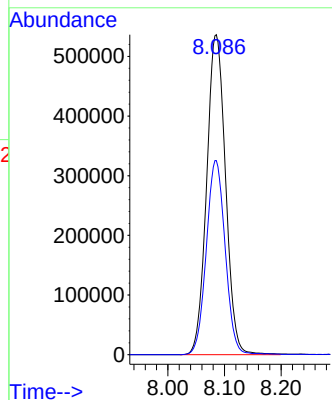


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Instrument :
MSVOA_N
ClientSampleId :

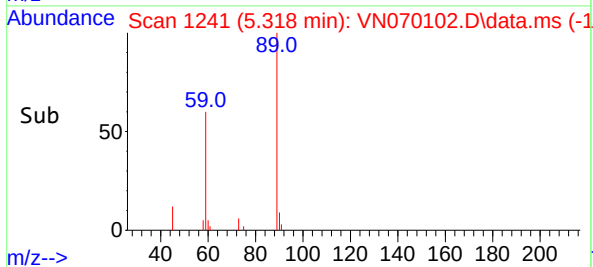
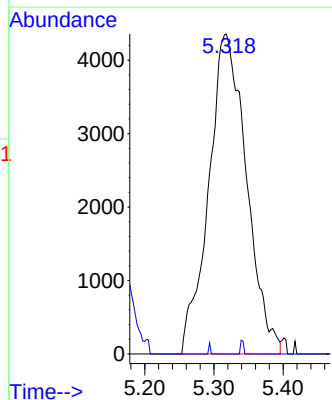
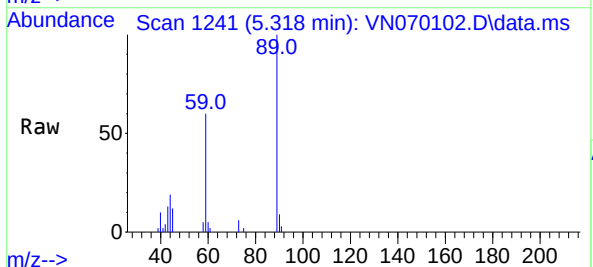


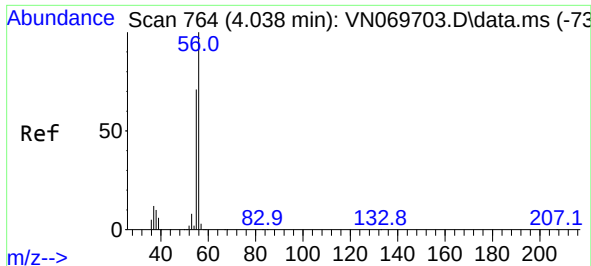
Tgt Ion:168 Resp: 1244682
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 4.544 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.072 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 59 Resp: 16507
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

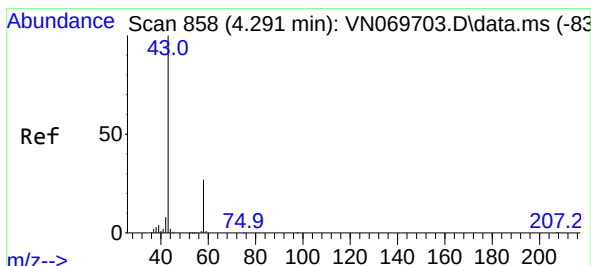
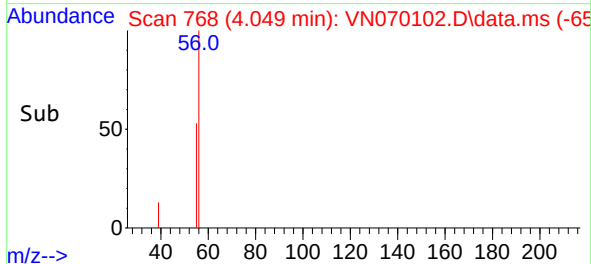
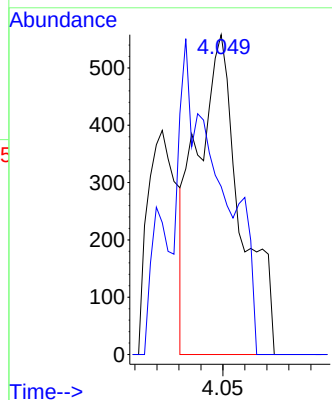
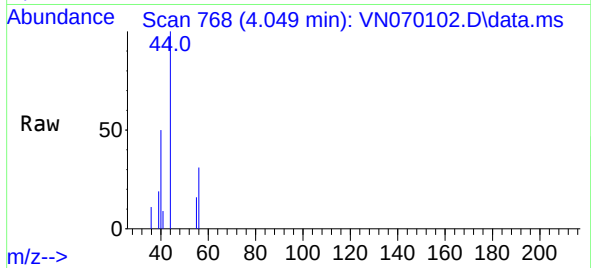




#13
Acrolein
Concen: 0.251 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.011 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

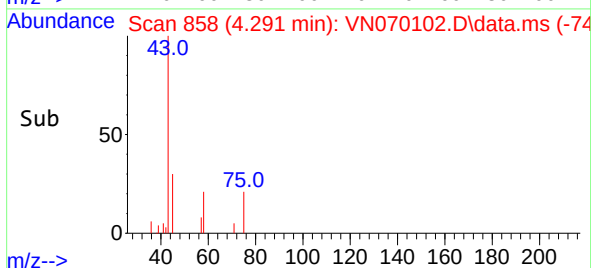
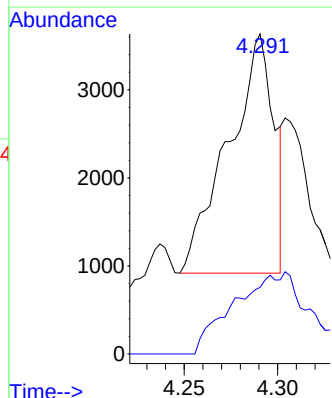
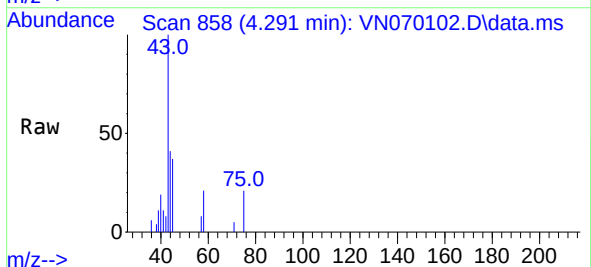
Instrument :
MSVOA_N
ClientSampleId :

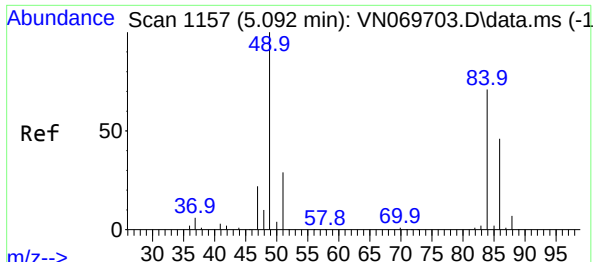
Tgt Ion: 56 Resp: 777
Ion Ratio Lower Upper
56 100
55 41.3 56.6 85.0#



#16
Acetone
Concen: 0.398 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

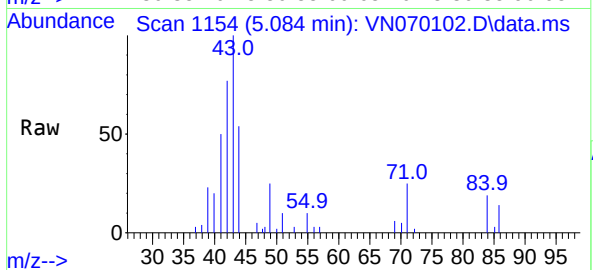
Tgt Ion: 43 Resp: 4602
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7



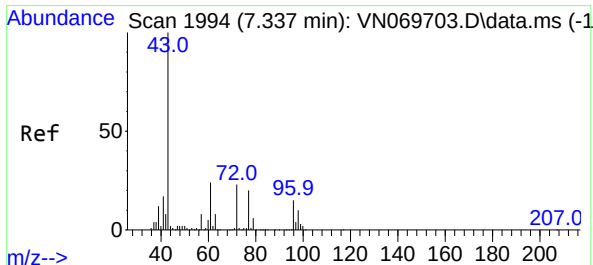
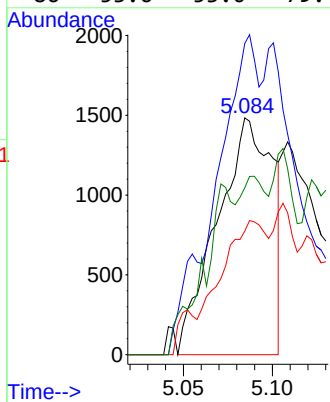
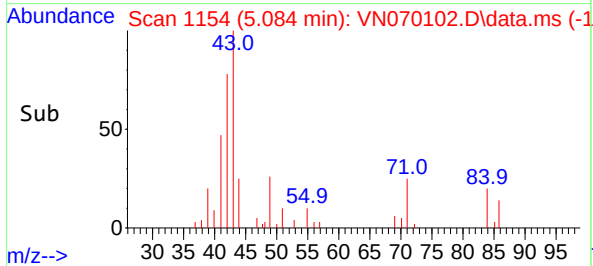


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 5.084 min Scan# 1157
Delta R.T. -0.008 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Instrument :
MSVOA_N
ClientSampleId :

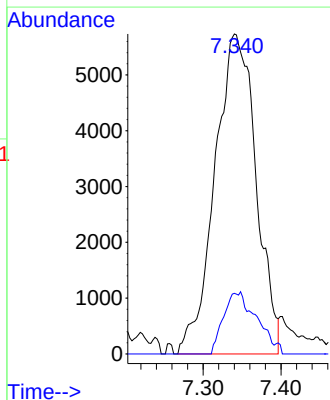
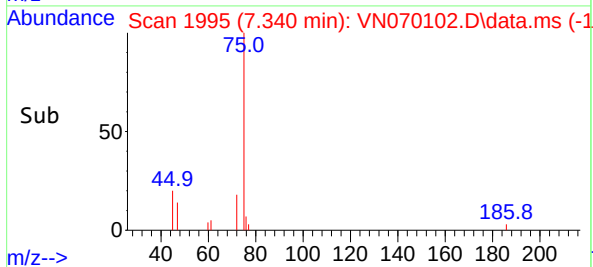
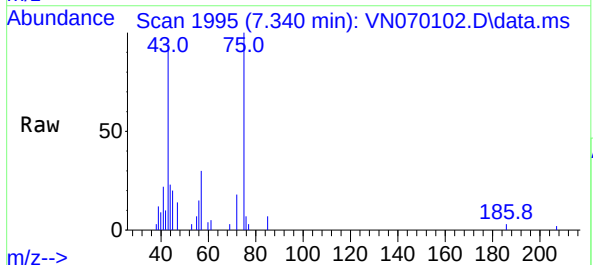


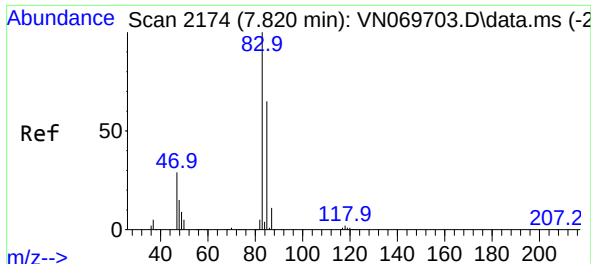
Tgt Ion: 84 Resp: 3191
Ion Ratio Lower Upper
84 100
49 113.5 93.5 140.3
51 39.5 29.4 44.2
86 53.6 53.0 79.4



#25
2-Butanone
Concen: 1.342 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 43 Resp: 21084
Ion Ratio Lower Upper
43 100
72 19.0 21.7 32.5#





#30

Chloroform

Concen: 0.613 ug/l

RT: 7.780 min Scan# 2174

Delta R.T. -0.040 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

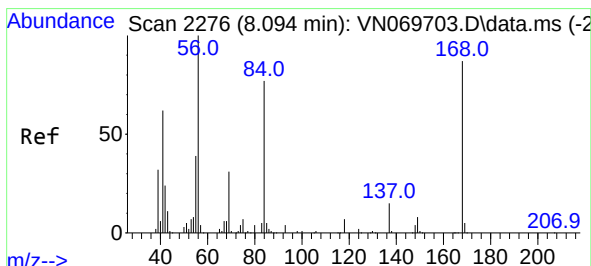
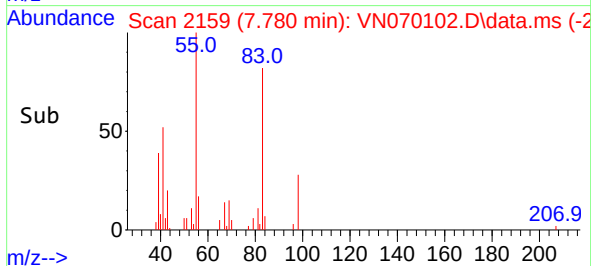
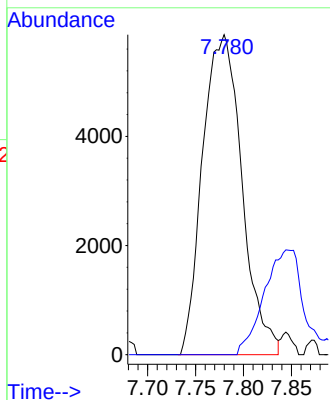
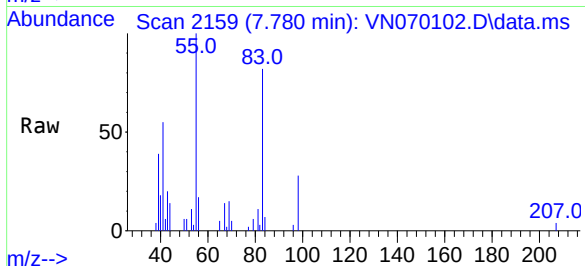
ClientSampleId :

Tgt Ion: 83 Resp: 16750

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 7.409 ug/l

RT: 8.067 min Scan# 2266

Delta R.T. -0.027 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

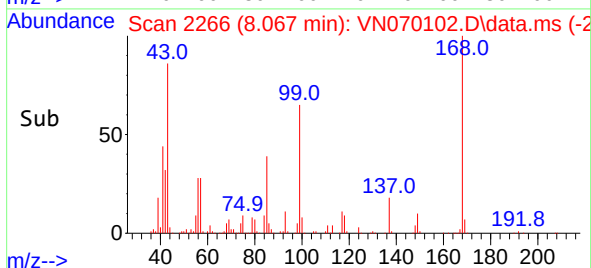
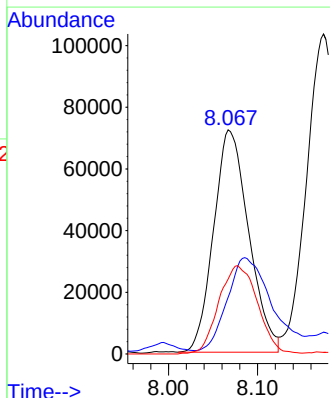
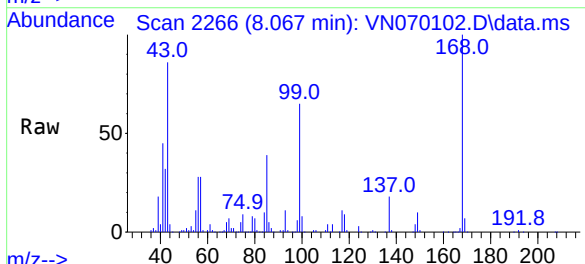
Tgt Ion: 56 Resp: 198155

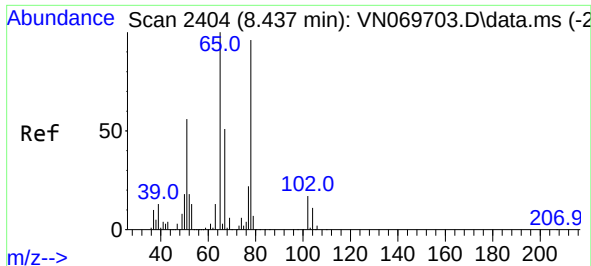
Ion Ratio Lower Upper

56 100

69 22.7 27.1 40.7#

84 33.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 50.483 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

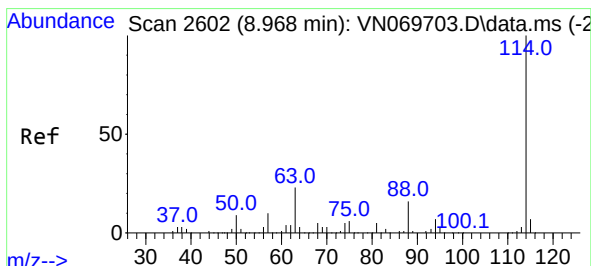
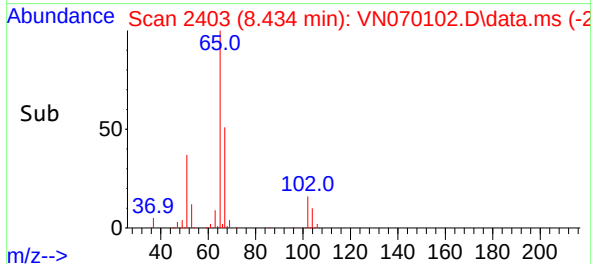
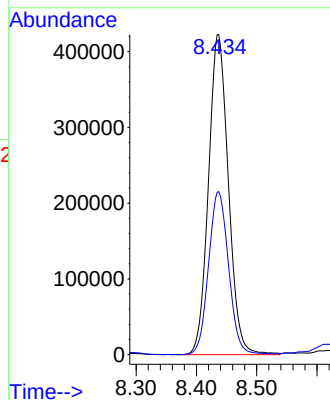
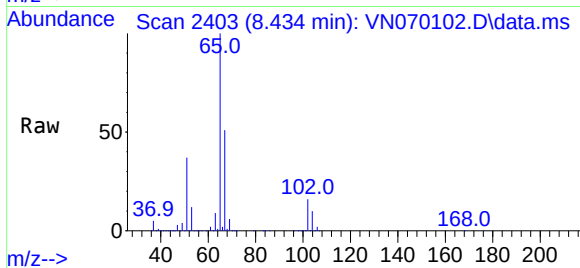
ClientSampleId :

Tgt Ion: 65 Resp: 970181

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: VN070102.D

Acq: 15 Dec 2021 5:01

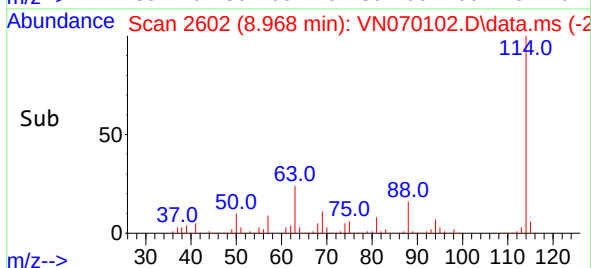
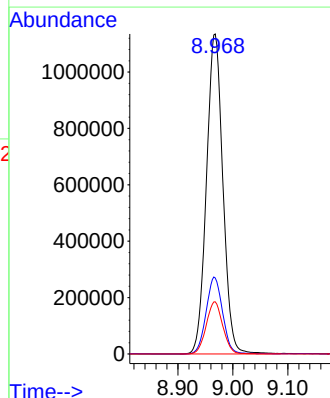
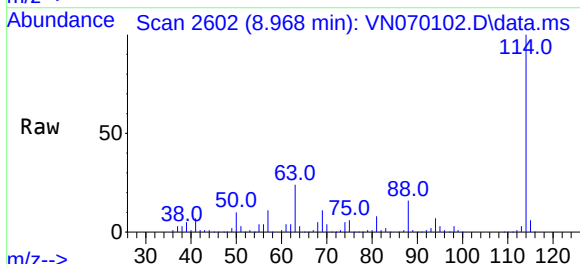
Tgt Ion: 114 Resp: 2360195

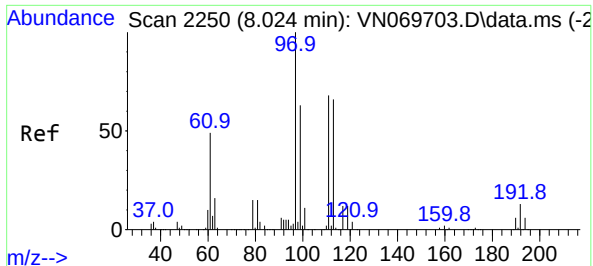
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

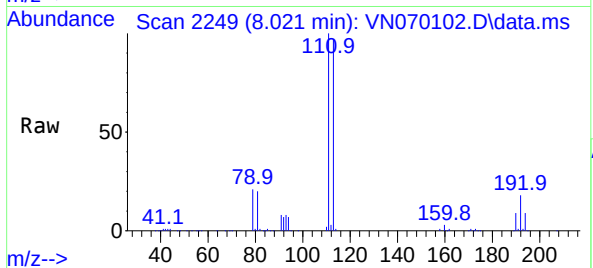
88 16.3 0.0 27.4



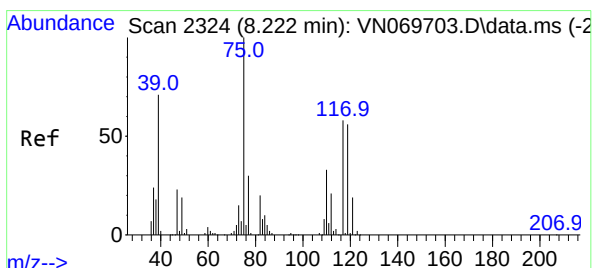
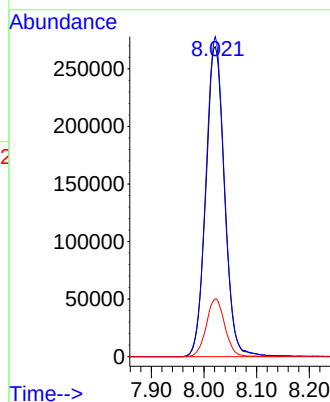
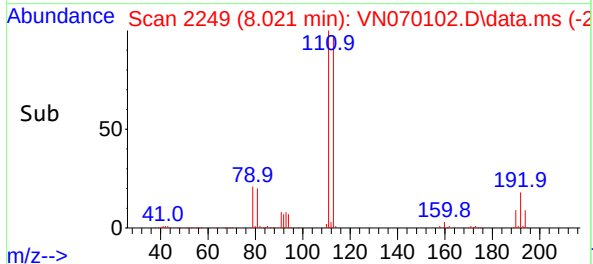


#35
Dibromofluoromethane
Concen: 44.923 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

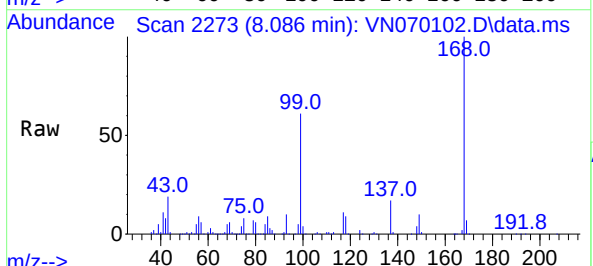
Instrument :
MSVOA_N
ClientSampleId :



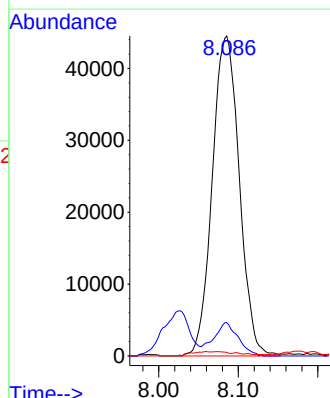
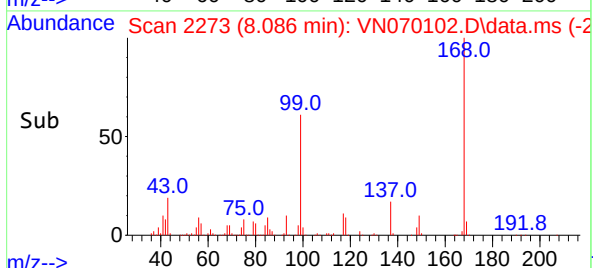
Tgt Ion:113 Resp: 664130
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.5 16.9 25.3

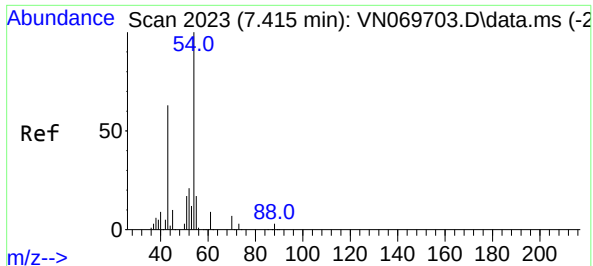


#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01



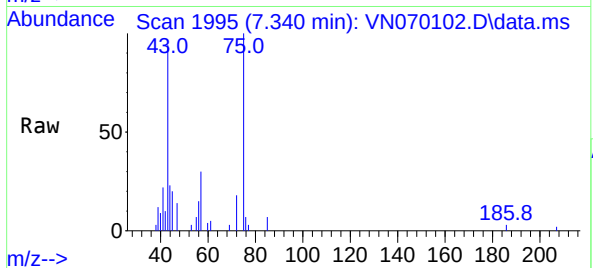
Tgt Ion: 75 Resp: 105136
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.1 24.4 36.6#



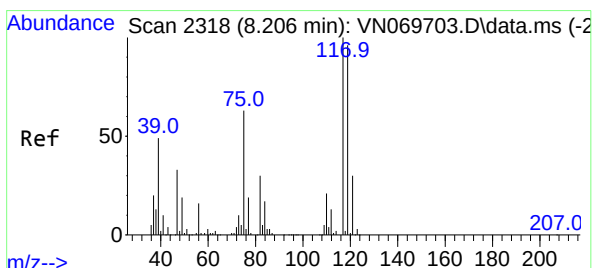
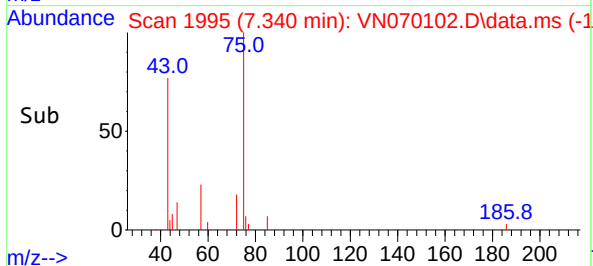
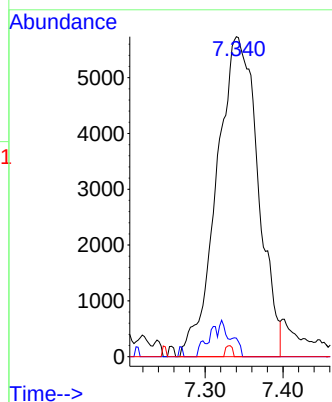


#37
Ethyl Acetate
Concen: 0.630 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.075 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Instrument :
MSVOA_N
ClientSampleId :

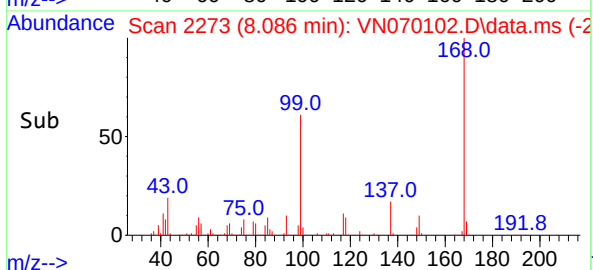
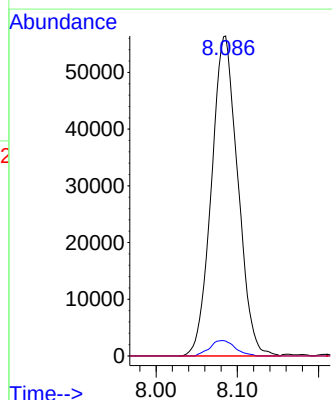
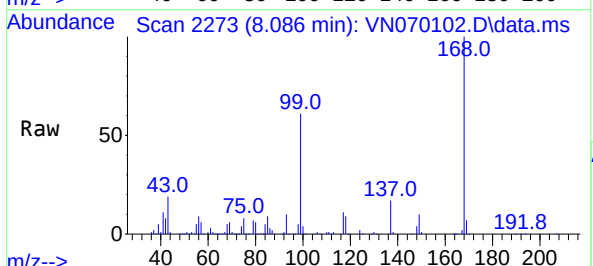


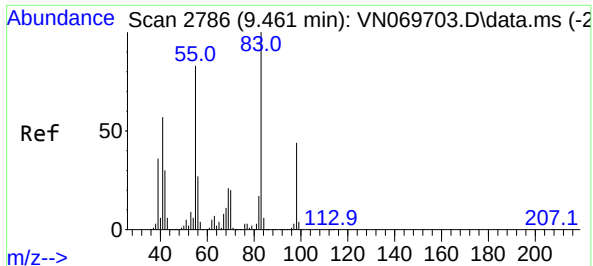
Tgt Ion: 43 Resp: 21084
Ion Ratio Lower Upper
43 100
61 1.0 11.5 17.3#
70 0.5 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 117 Resp: 127170
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 13.850 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

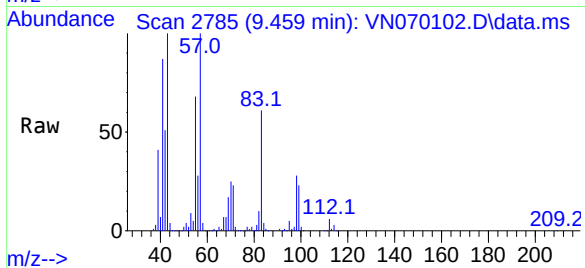
Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

ClientSampleId :



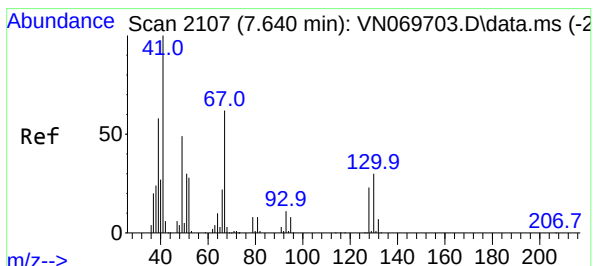
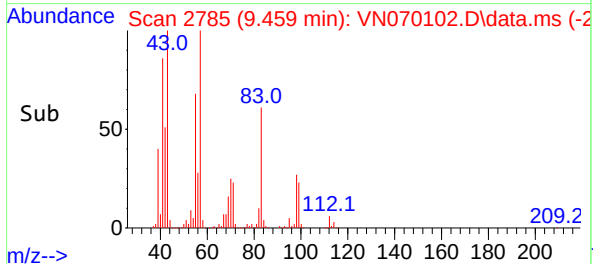
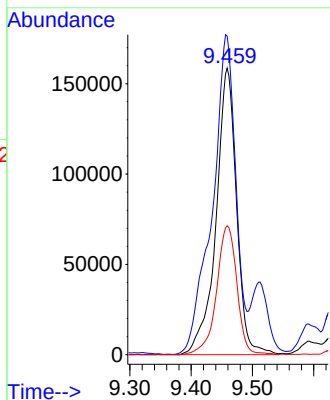
Tgt Ion: 83 Resp: 370155

Ion Ratio Lower Upper

83 100

55 110.7 58.1 87.1#

98 45.0 38.4 57.6



#41

Methacrylonitrile

Concen: 0.265 ug/l

RT: 7.675 min Scan# 2120

Delta R.T. 0.035 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Tgt Ion: 41 Resp: 4167

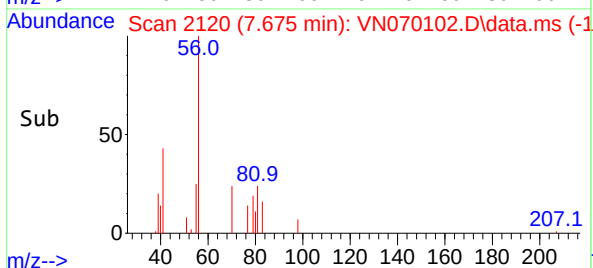
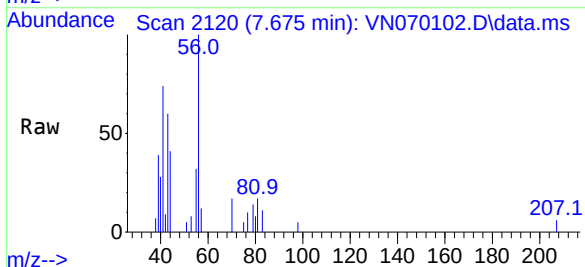
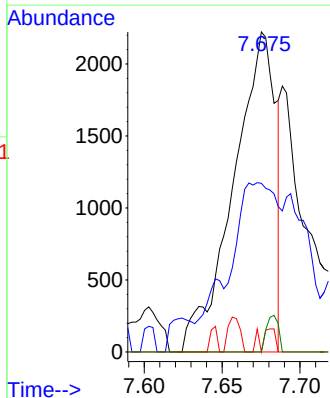
Ion Ratio Lower Upper

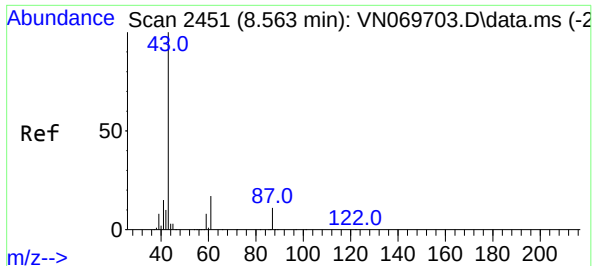
41 100

39 30.0 48.1 72.1#

67 0.0 68.3 102.5#

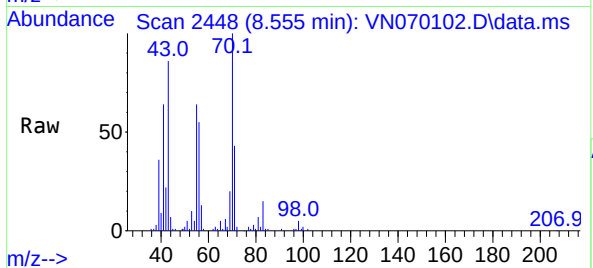
52 3.3 29.6 44.4#



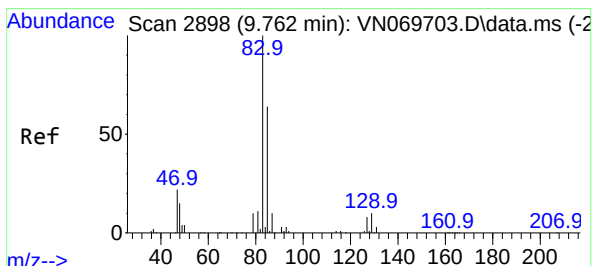
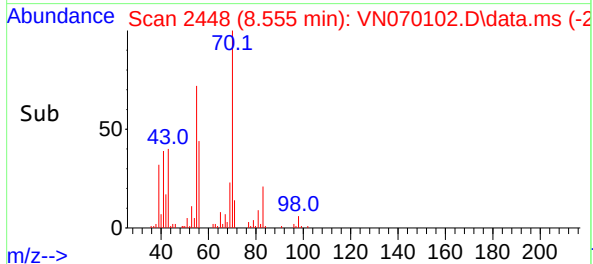
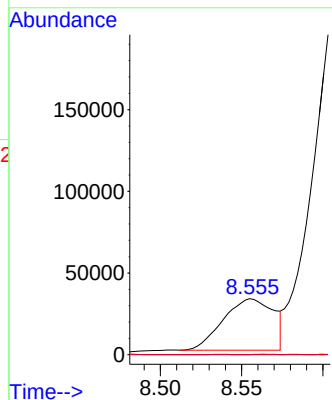


#43
Isopropyl Acetate
Concen: 1.382 ug/l
RT: 8.555 min Scan# 2451
Delta R.T. -0.008 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Instrument :
MSVOA_N
ClientSampleId :

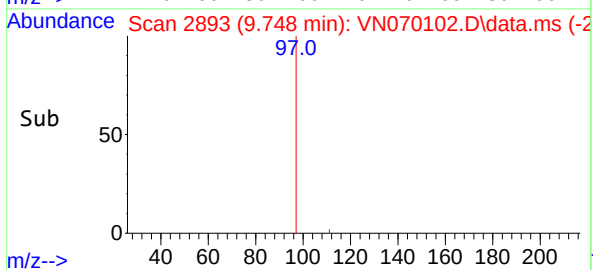
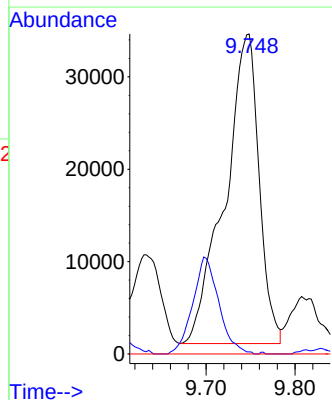
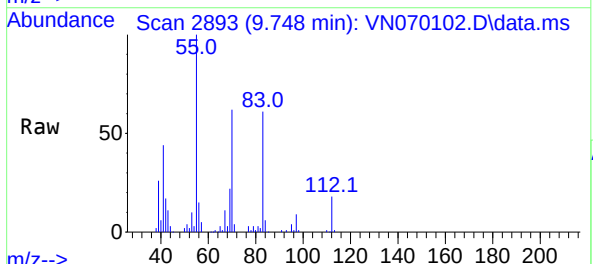


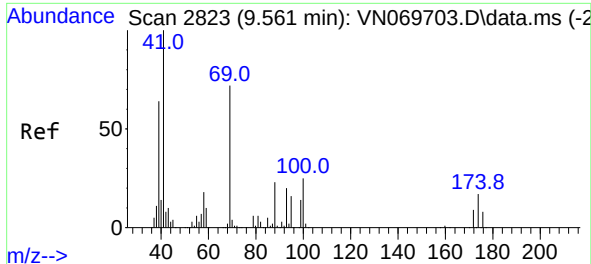
Tgt Ion: 43 Resp: 68410
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 3.899 ug/l
RT: 9.748 min Scan# 2893
Delta R.T. -0.013 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 83 Resp: 89279
Ion Ratio Lower Upper
83 100
85 0.7 50.9 76.3#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 3.615 ug/l

RT: 9.593 min Scan# 21

Delta R.T. 0.032 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

ClientSampleId :

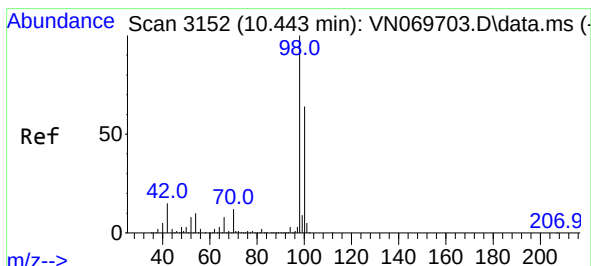
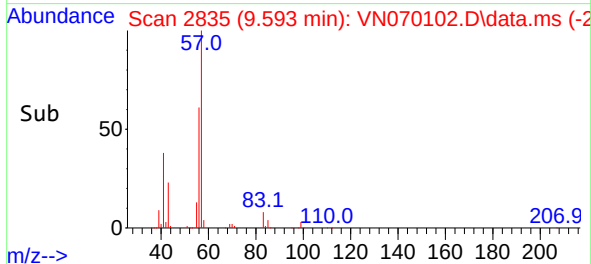
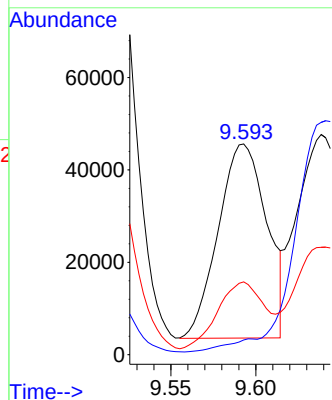
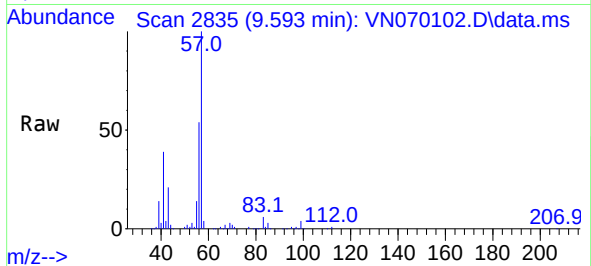
Tgt Ion: 41 Resp: 83478

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 33.2 58.4 87.6#



#50

Toluene-d8

Concen: 54.199 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070102.D

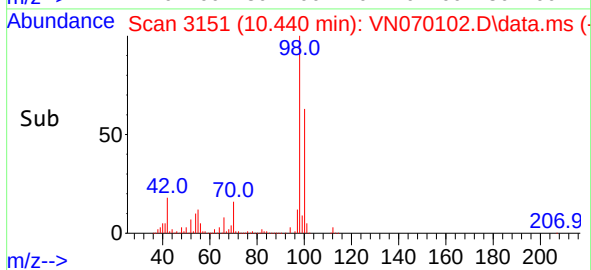
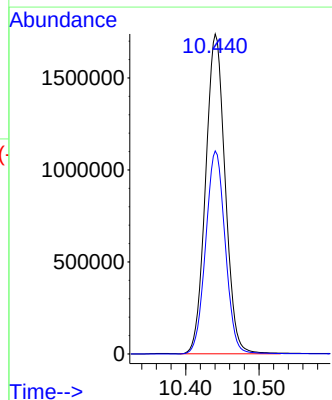
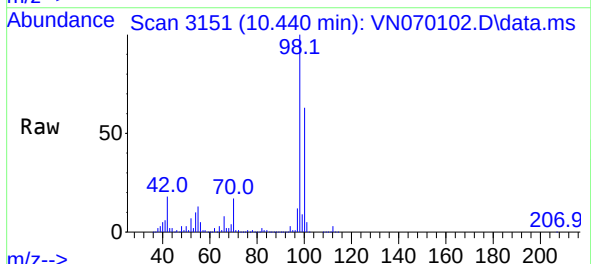
Acq: 15 Dec 2021 5:01

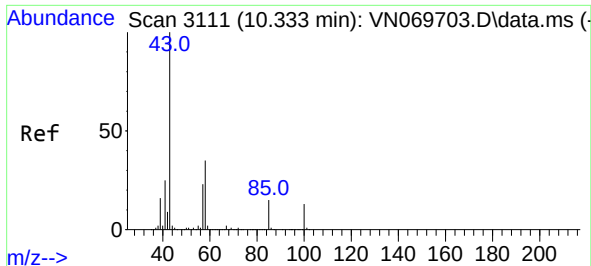
Tgt Ion: 98 Resp: 3217349

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 9.785 ug/l

RT: 10.371 min Scan# 3111

Delta R.T. 0.038 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

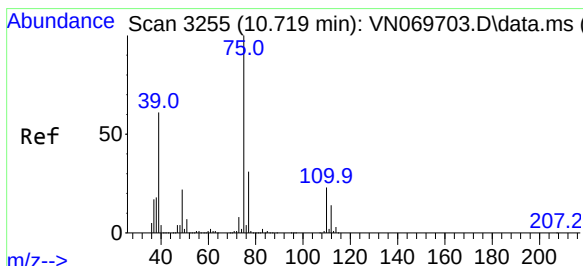
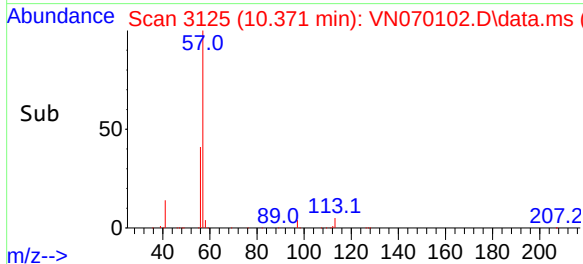
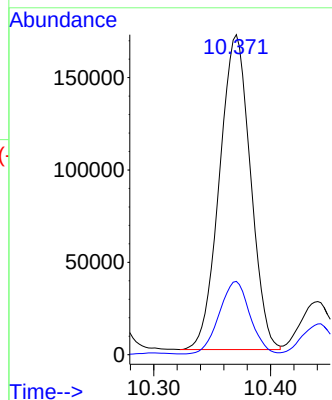
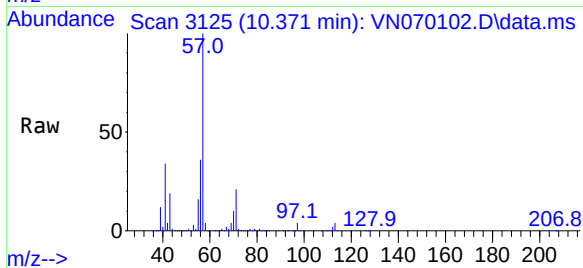
ClientSampleId :

Tgt Ion: 43 Resp: 314151

Ion Ratio Lower Upper

43 100

58 23.1 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 2.808 ug/l

RT: 10.722 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VN070102.D

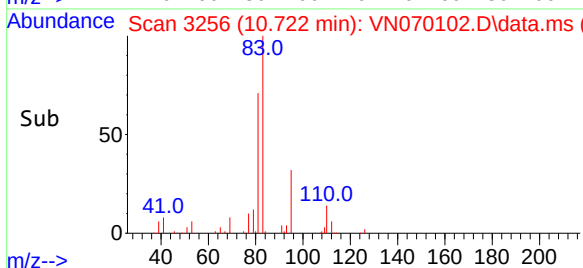
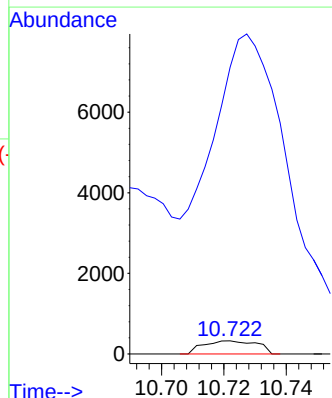
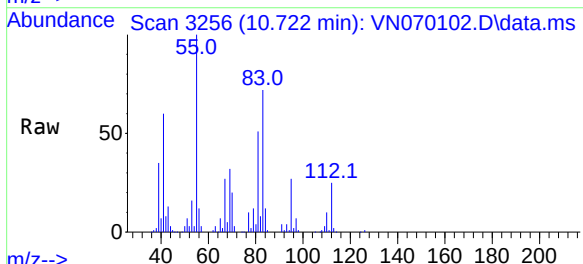
Acq: 15 Dec 2021 5:01

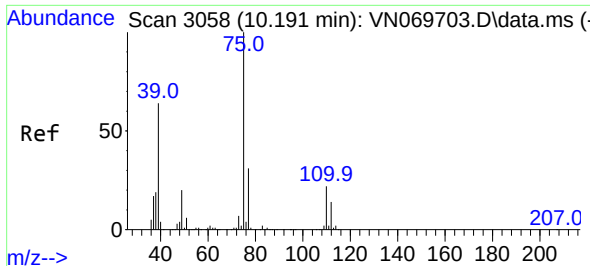
Tgt Ion: 75 Resp: 390

Ion Ratio Lower Upper

75 100

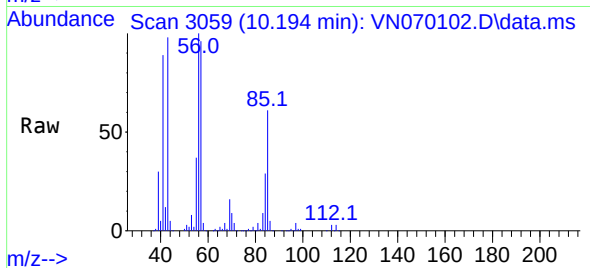
77 1160.0 25.6 38.4#



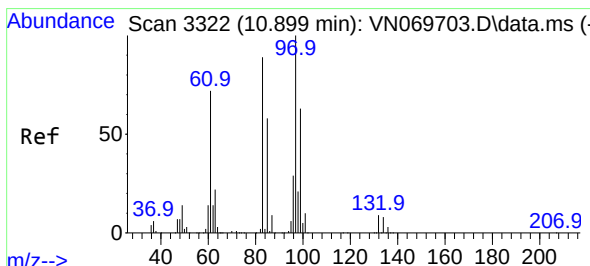
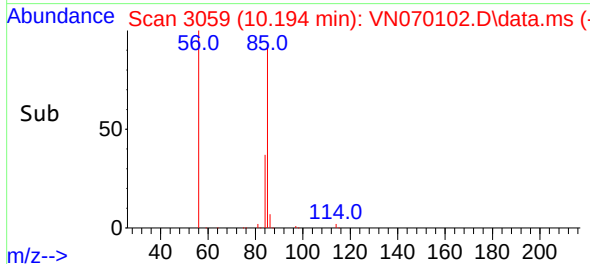
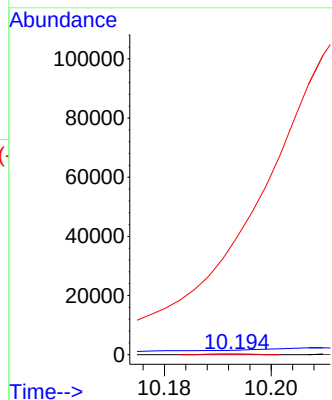


#54
 cis-1,3-Dichloropropene
 Concen: 2.003 ug/l
 RT: 10.194 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VN070102.D
 Acq: 15 Dec 2021 5:01

Instrument :
 MSVOA_N
 ClientSampleId :

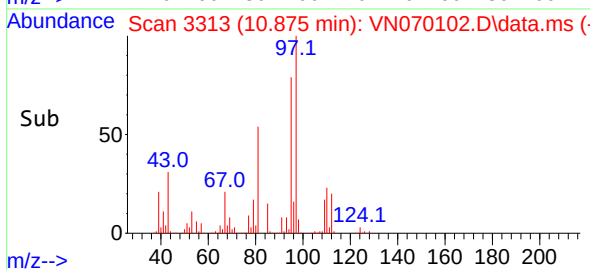
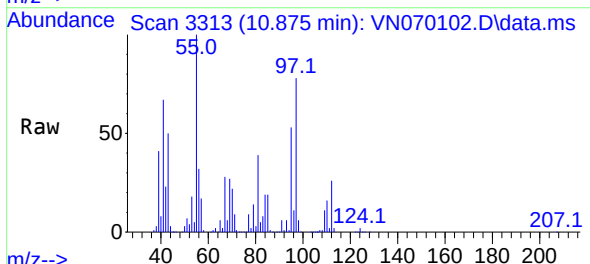
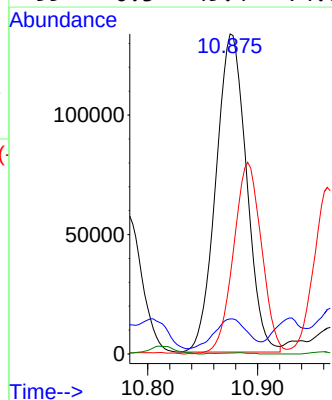


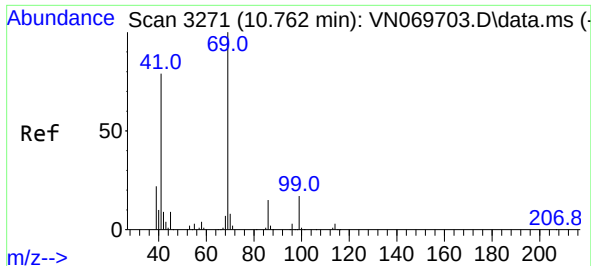
Tgt Ion: 75 Resp: 124
 Ion Ratio Lower Upper
 75 100
 77 70.0 26.4 39.6#
 39 9002.5 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 15.178 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. -0.024 min
 Lab File: VN070102.D
 Acq: 15 Dec 2021 5:01

Tgt Ion: 97 Resp: 256768
 Ion Ratio Lower Upper
 97 100
 83 8.6 67.8 101.6#
 85 24.0 45.4 68.2#
 99 0.3 49.4 74.0#

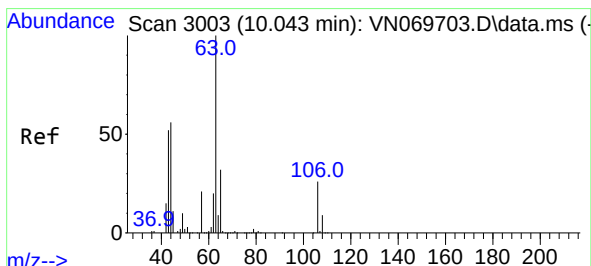
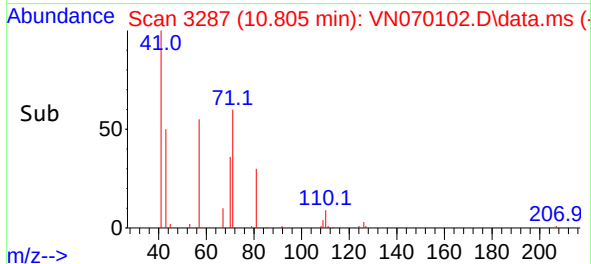
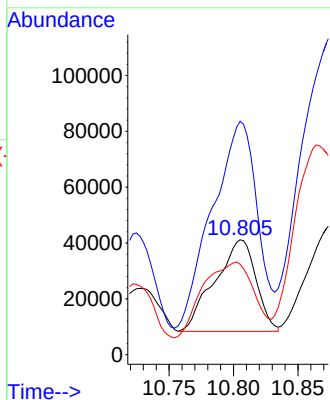
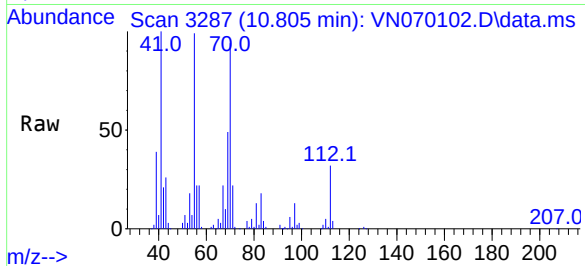




#56
Ethyl methacrylate
Concen: 4.452 ug/l
RT: 10.805 min Scan# 31
Delta R.T. 0.043 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

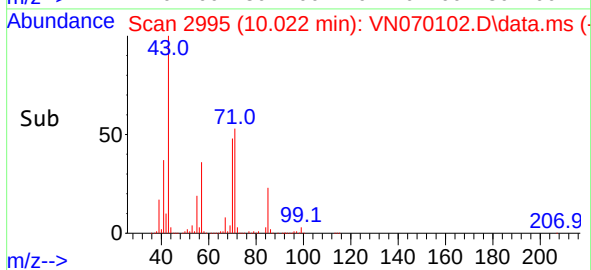
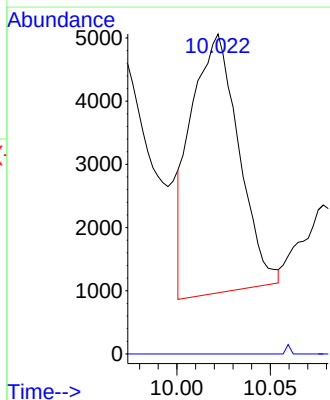
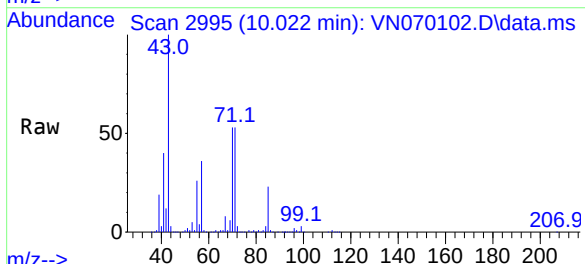
Instrument :
MSVOA_N
ClientSampleId :

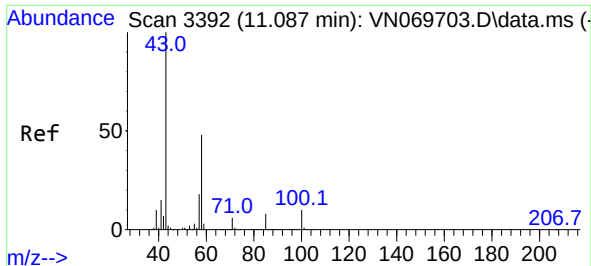
Tgt Ion: 69 Resp: 72674
Ion Ratio Lower Upper
69 100
41 251.7 51.4 77.0#
39 105.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.168 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.021 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 63 Resp: 7245
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#





#59

2-Hexanone

Concen: 12.982 ug/l

RT: 11.052 min Scan# 31

Delta R.T. -0.035 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

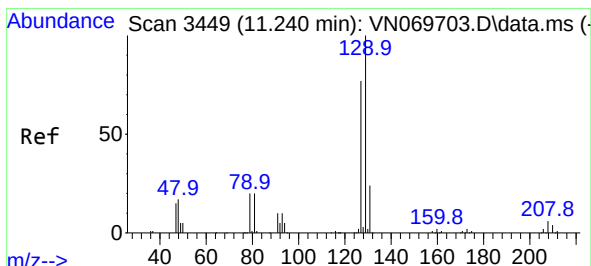
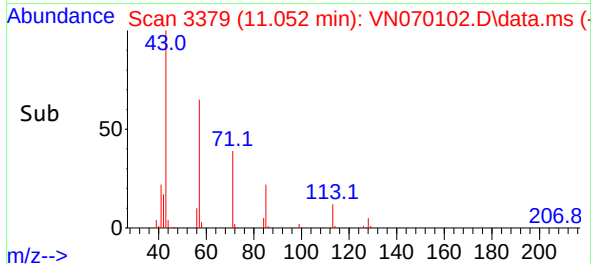
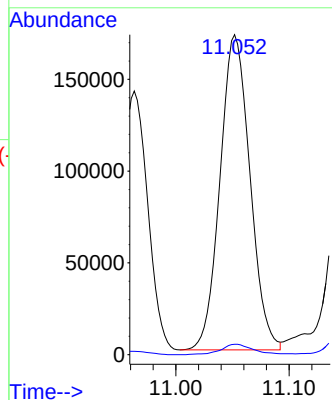
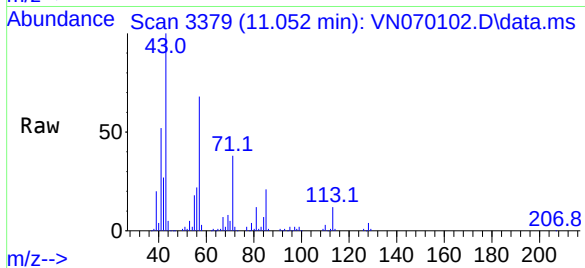
ClientSampleId :

Tgt Ion: 43 Resp: 315267

Ion Ratio Lower Upper

43 100

58 3.7 26.9 80.7#



#60

Dibromochloromethane

Concen: 2.398 ug/l

RT: 11.159 min Scan# 3419

Delta R.T. -0.081 min

Lab File: VN070102.D

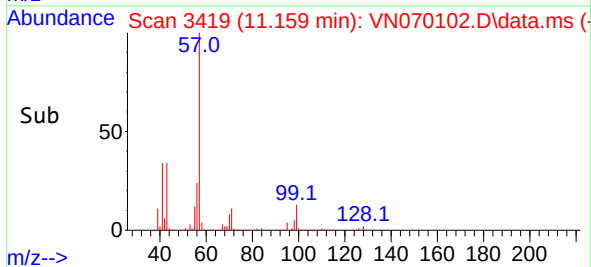
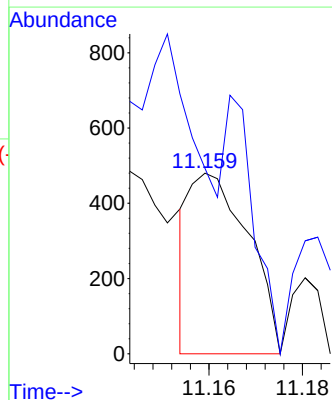
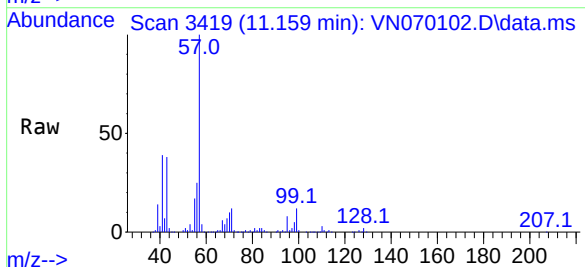
Acq: 15 Dec 2021 5:01

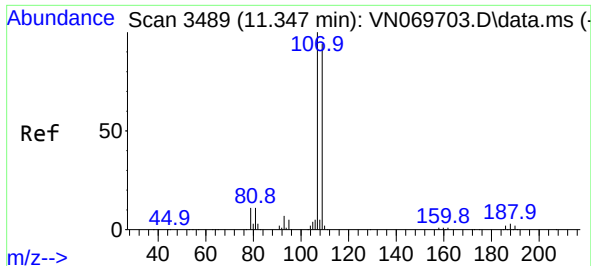
Tgt Ion:129 Resp: 418

Ion Ratio Lower Upper

129 100

127 71.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 0.226 ug/l

RT: 11.315 min Scan# 34

Delta R.T. -0.032 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

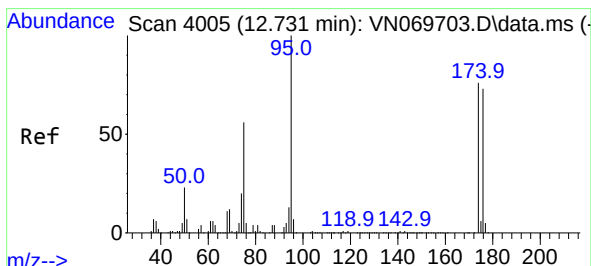
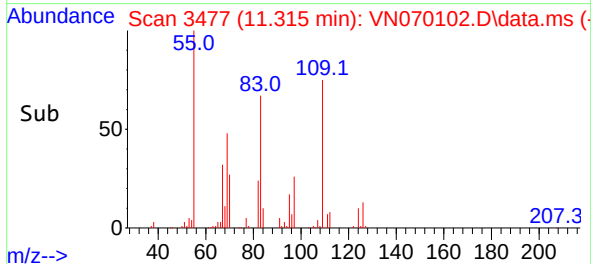
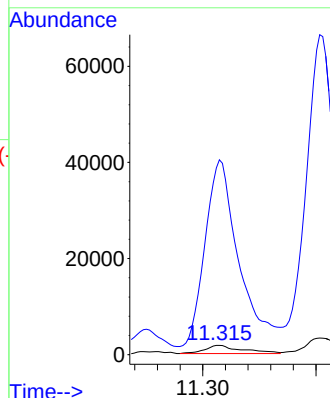
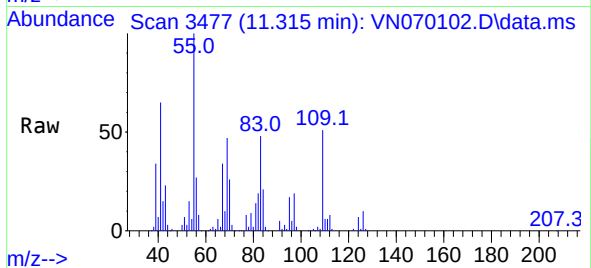
ClientSampleId :

Tgt Ion:107 Resp: 3952

Ion Ratio Lower Upper

107 100

109 2032.8 75.7 113.5#



#62

4-Bromofluorobenzene

Concen: 74.790 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

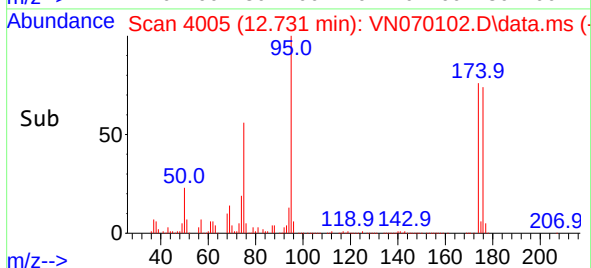
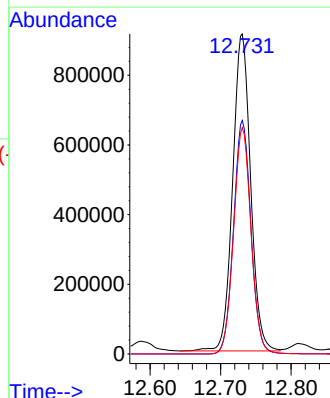
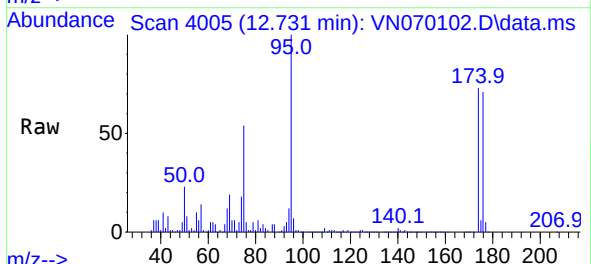
Tgt Ion: 95 Resp: 1608391

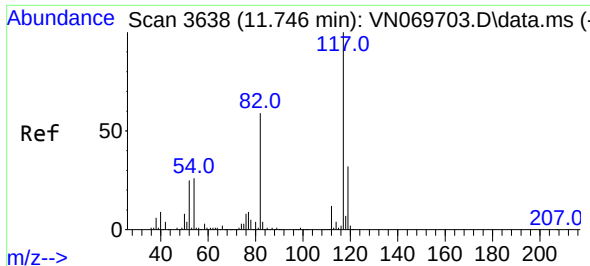
Ion Ratio Lower Upper

95 100

174 71.5 0.0 187.2

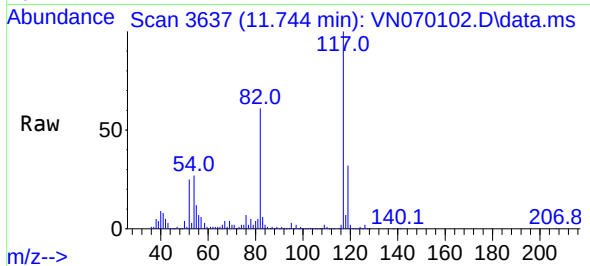
176 69.4 0.0 181.4





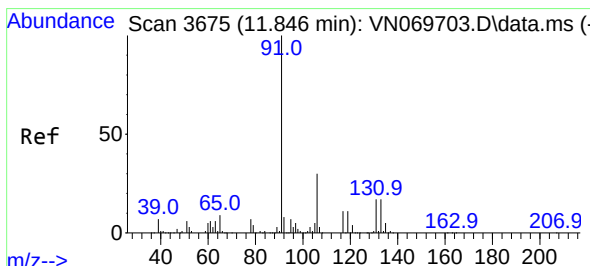
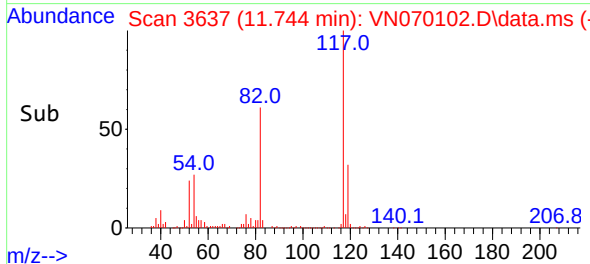
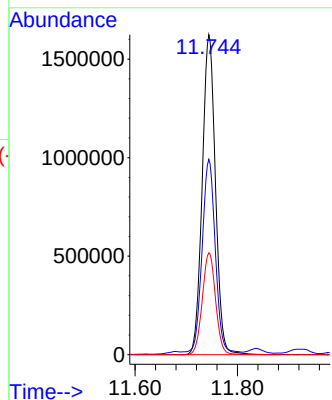
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2906023

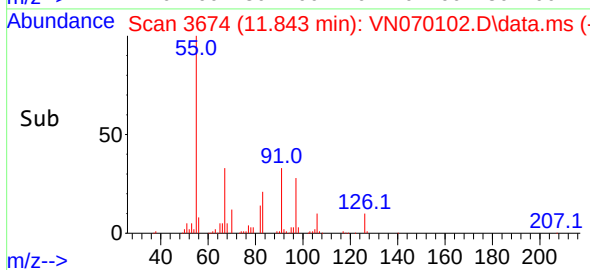
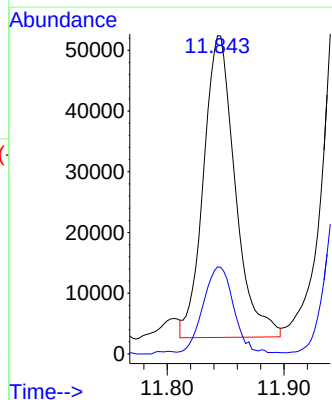
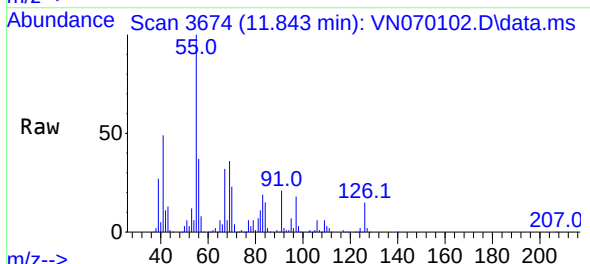
Ion	Ratio	Lower	Upper
117	100		
82	60.6	42.4	63.6
119	31.9	25.4	38.2

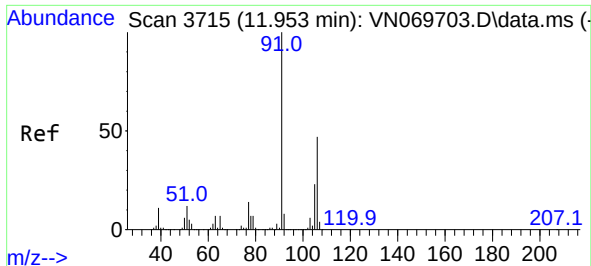


#67
Ethyl Benzene
Concen: 0.873 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 91 Resp: 93453

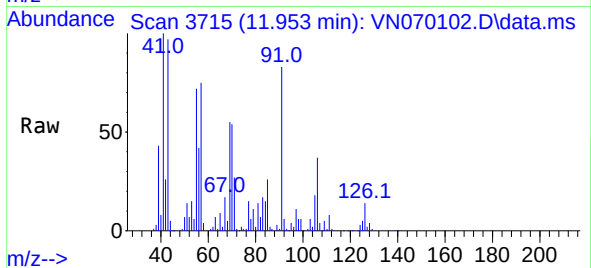
Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.7	38.5



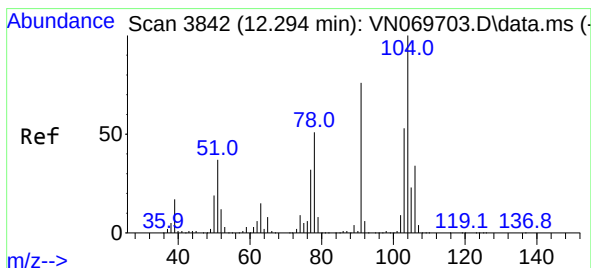
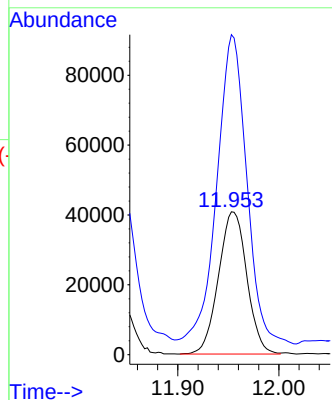
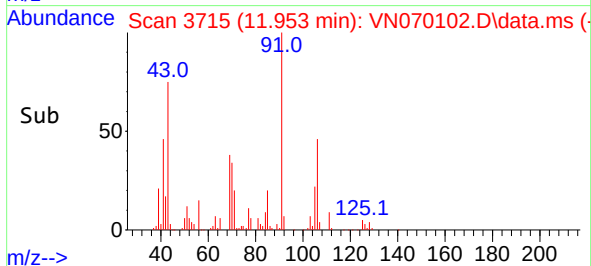


#68
m/p-Xylenes
Concen: 2.034 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

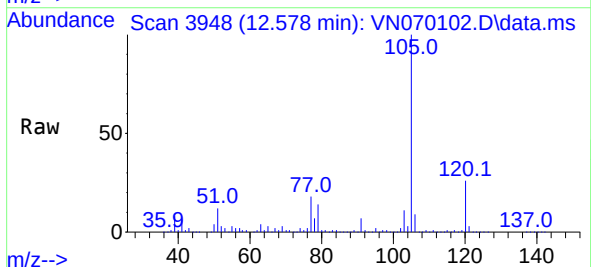
Instrument :
MSVOA_N
ClientSampleId :



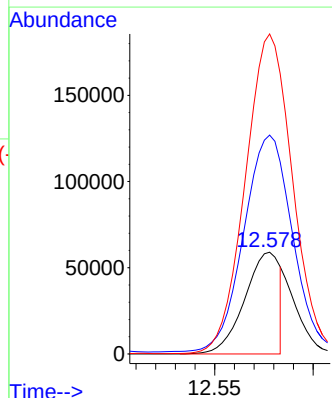
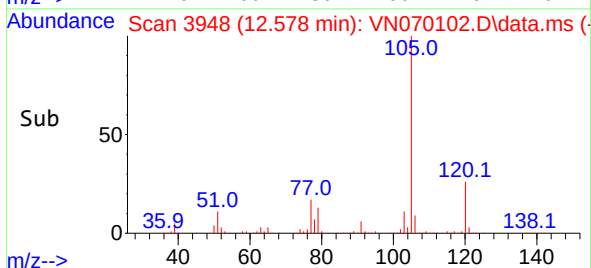
Tgt Ion:106 Resp: 79309
Ion Ratio Lower Upper
106 100
91 229.4 160.6 240.8

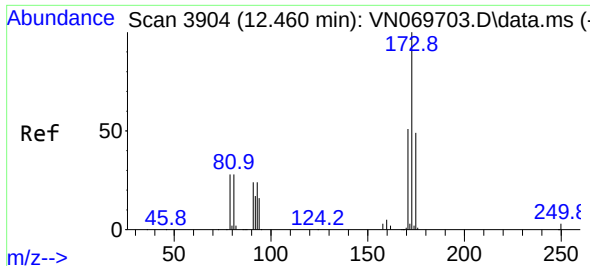


#70
Styrene
Concen: 1.172 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.284 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01



Tgt Ion:104 Resp: 73010
Ion Ratio Lower Upper
104 100
78 220.0 38.7 58.1#
103 310.9 45.0 67.6#

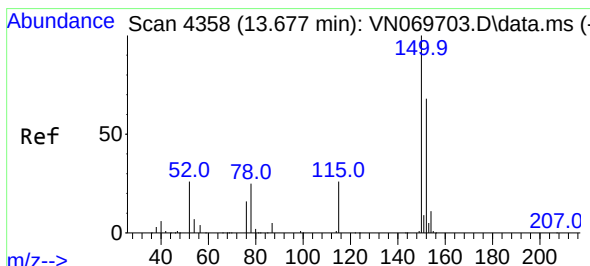
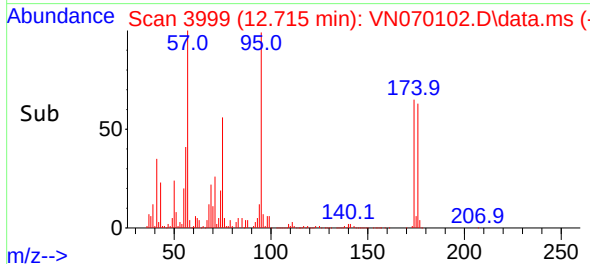
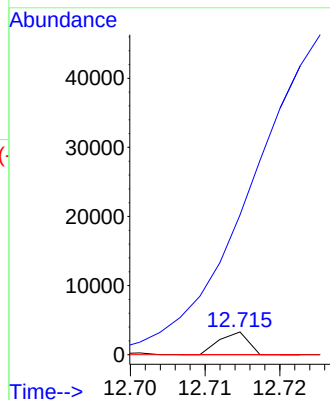
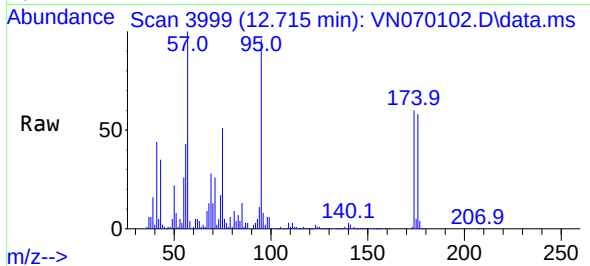




#71
Bromoform
Concen: 2.778 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

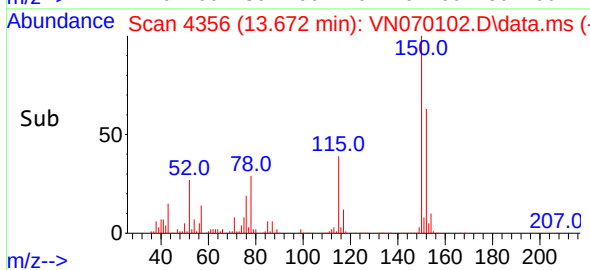
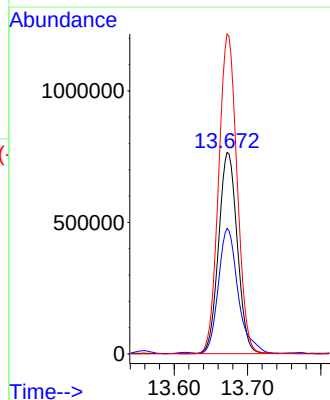
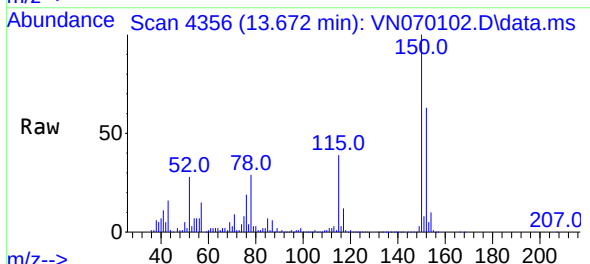
Instrument :
MSVOA_N
ClientSampleId :

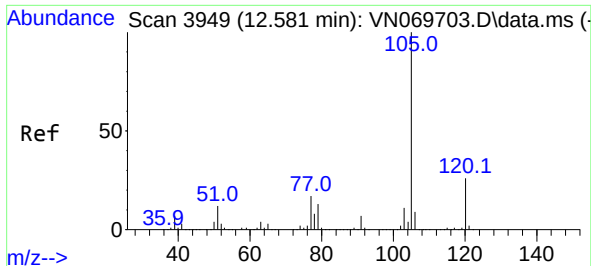
Tgt Ion:173 Resp: 882
Ion Ratio Lower Upper
173 100
175 9512.1 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion:152 Resp: 1355384
Ion Ratio Lower Upper
152 100
115 65.5 27.5 82.5
150 157.3 0.0 344.4

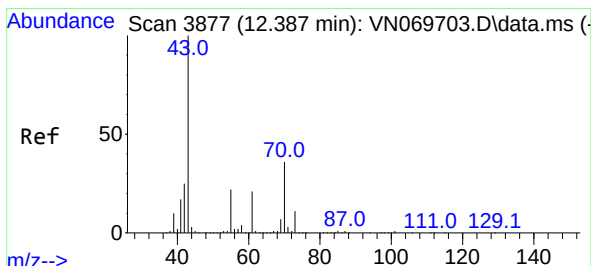
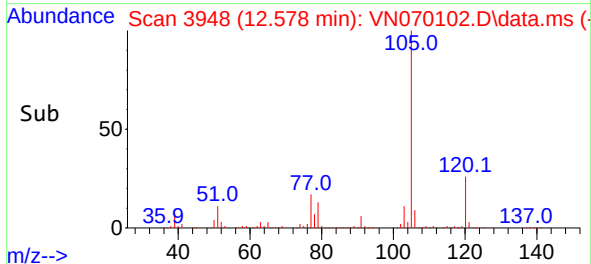
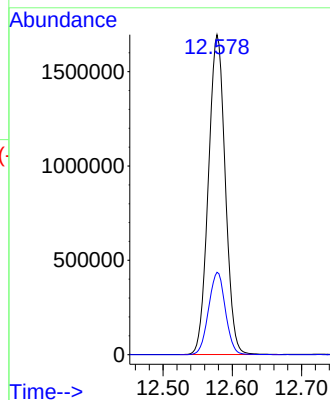
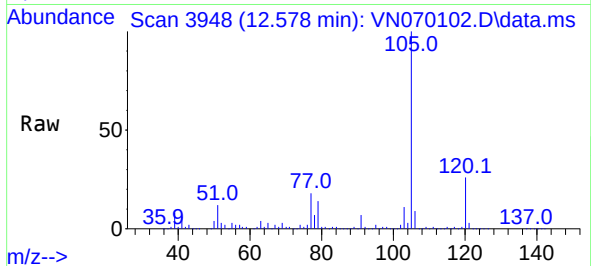




#73
Isopropylbenzene
Concen: 23.765 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

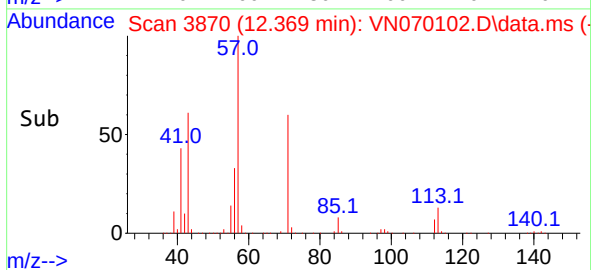
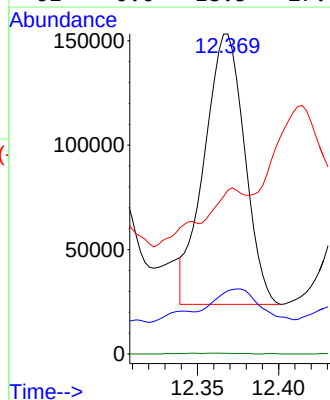
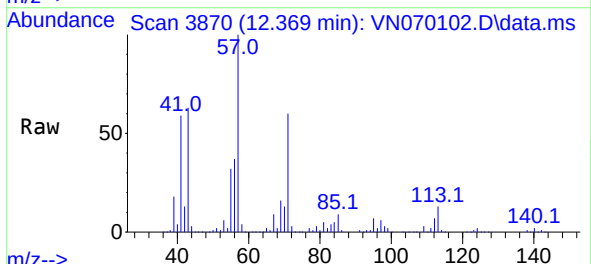
Instrument :
MSVOA_N
ClientSampleId :

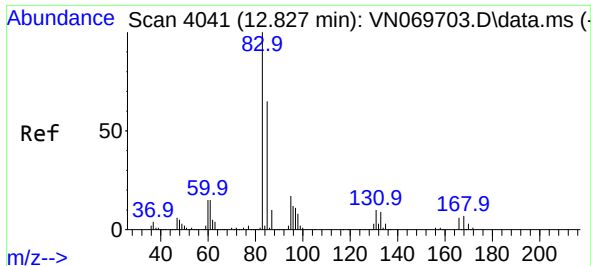
Tgt Ion:105 Resp: 2865839
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 4.188 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 43 Resp: 223328
Ion Ratio Lower Upper
43 100
70 11.9 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

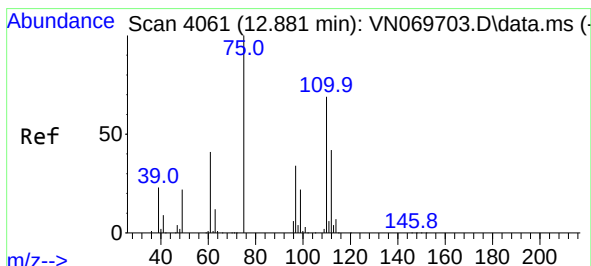
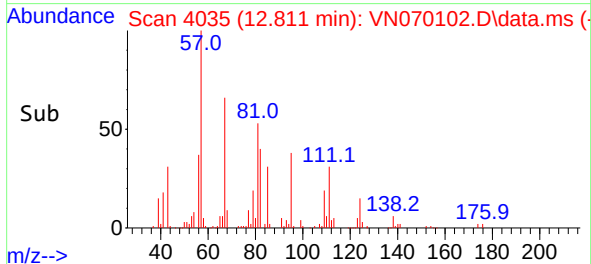
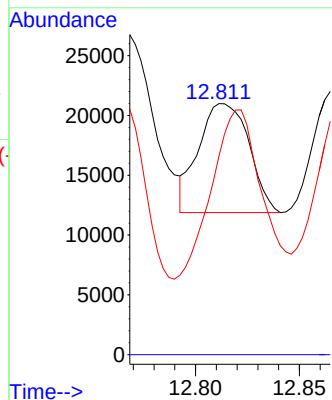
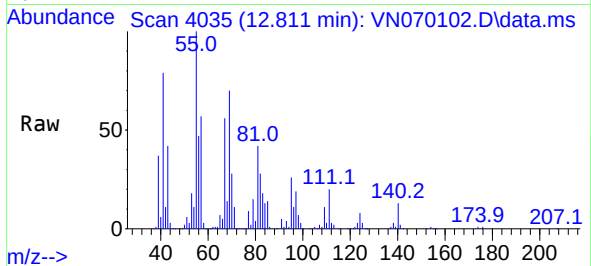




#75
1,1,2,2-Tetrachloroethane
Concen: 0.369 ug/l
RT: 12.811 min Scan# 4041
Delta R.T. -0.016 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

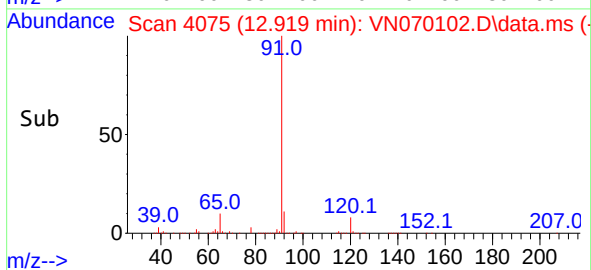
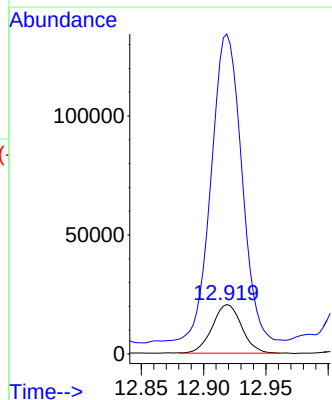
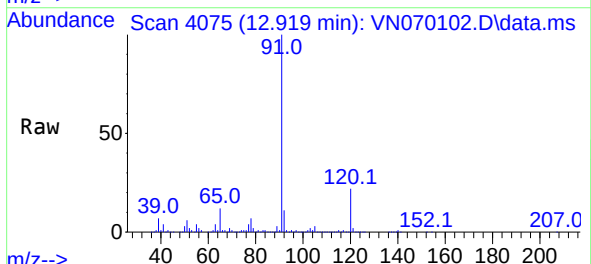
Instrument :
MSVOA_N
ClientSampleId :

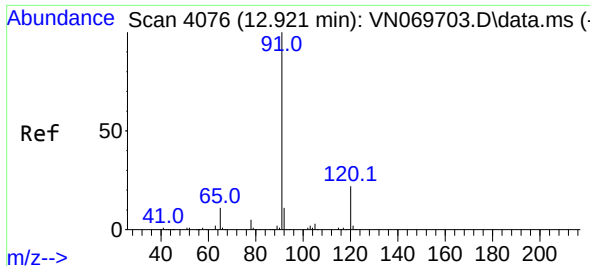
Tgt Ion: 83 Resp: 15397
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 144.6 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 0.859 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 75 Resp: 33374
Ion Ratio Lower Upper
75 100
77 671.7 82.6 247.8#

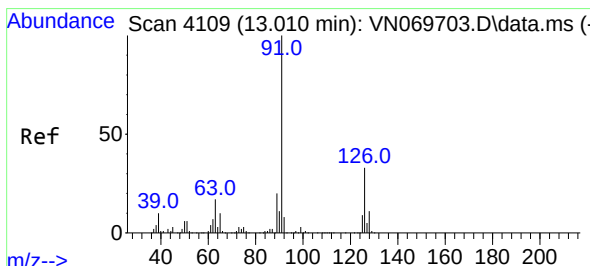
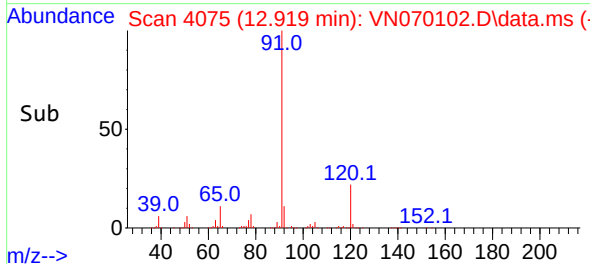
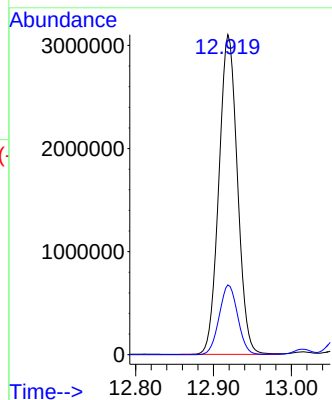
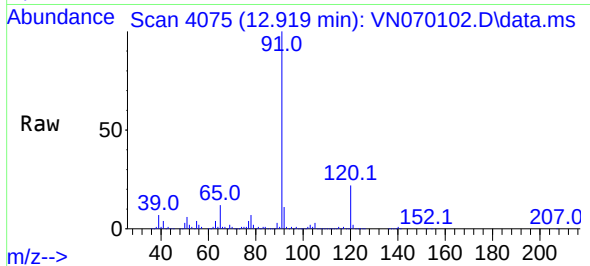




#78
n-propylbenzene
Concen: 38.094 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

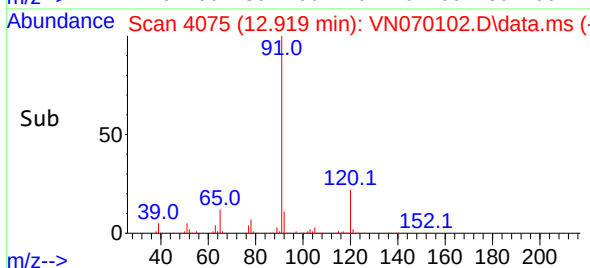
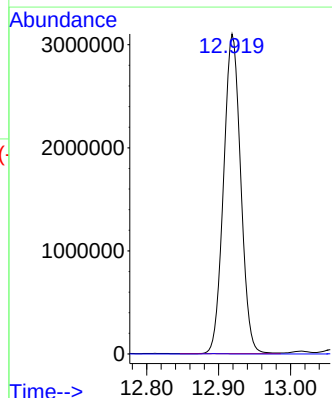
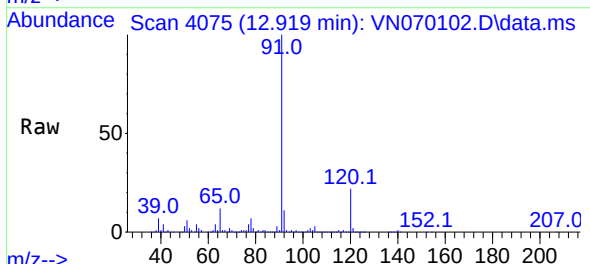
Instrument :
MSVOA_N
ClientSampleId :

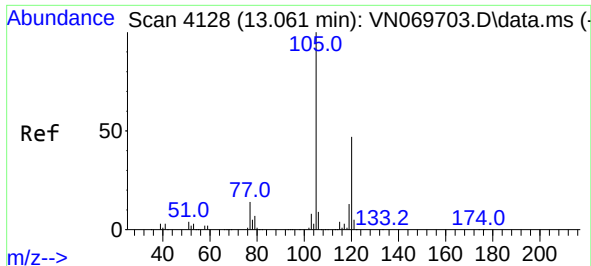
Tgt Ion: 91 Resp: 5111858
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 60.305 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.091 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 91 Resp: 5113354
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

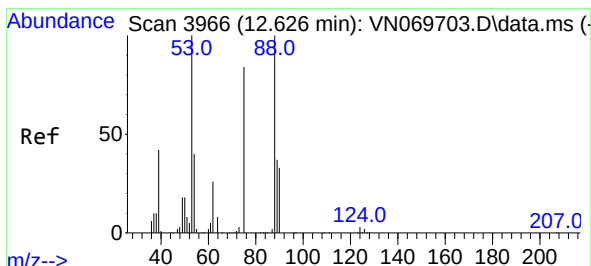
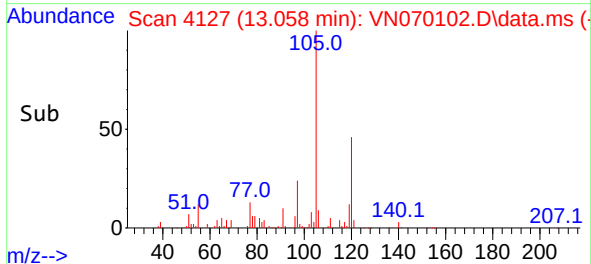
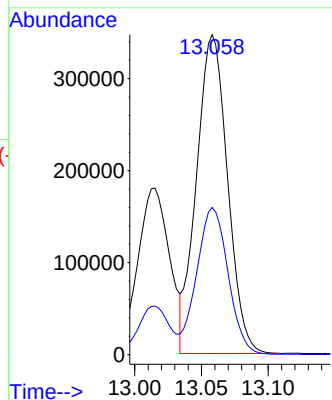
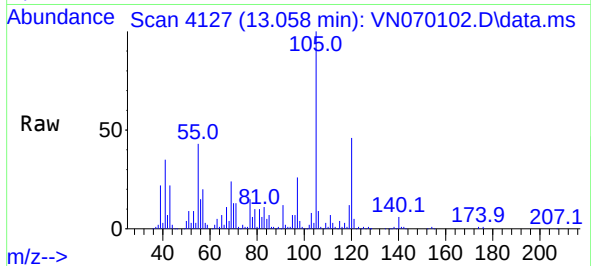




#80
1,3,5-Trimethylbenzene
Concen: 5.773 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

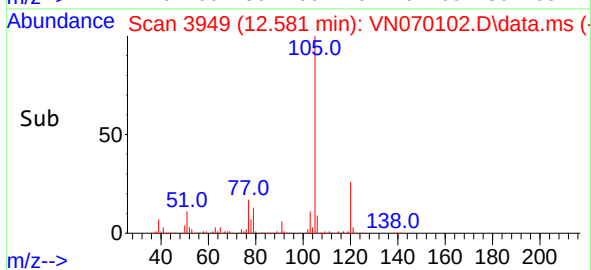
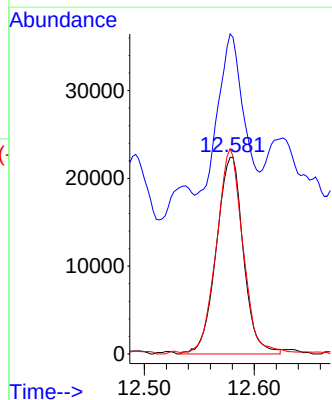
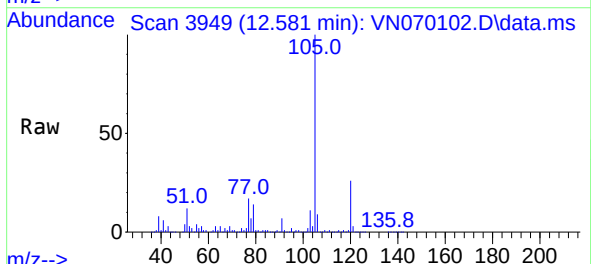
Instrument :
MSVOA_N
ClientSampleId :

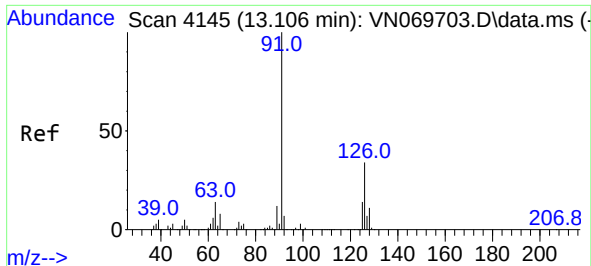
Tgt Ion:105 Resp: 560305
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 7.018 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.045 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 75 Resp: 38231
Ion Ratio Lower Upper
75 100
53 80.6 90.5 135.7#
89 99.4 38.2 57.4#

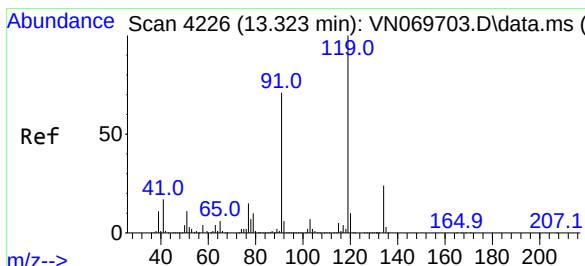
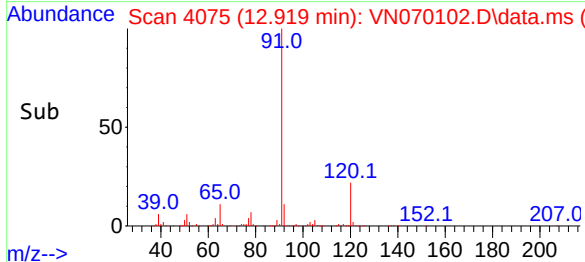
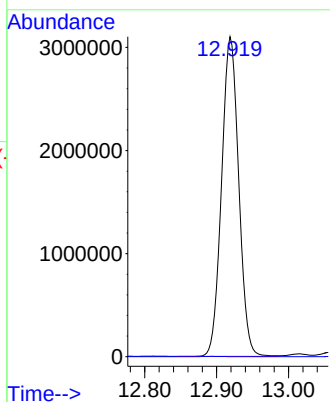
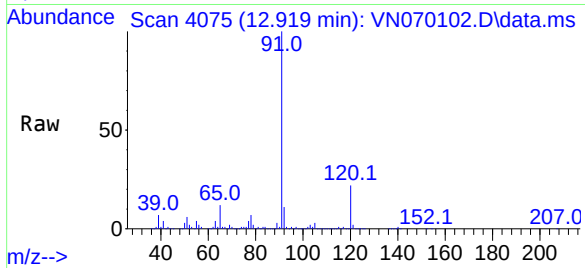




#82
4-Chlorotoluene
Concen: 64.125 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.188 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

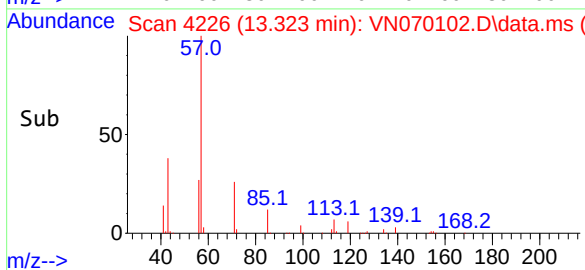
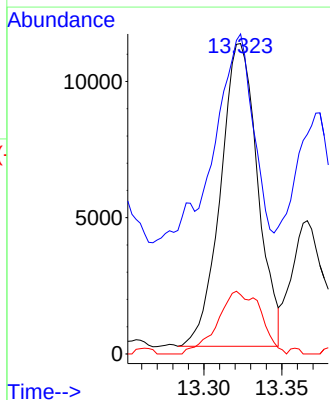
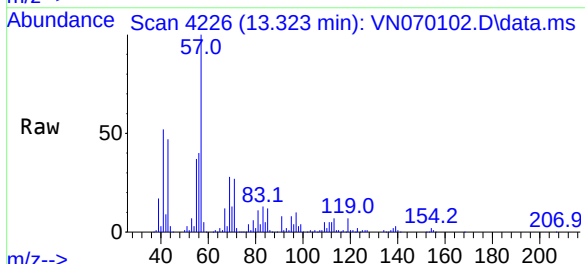
Instrument :
MSVOA_N
ClientSampleId :

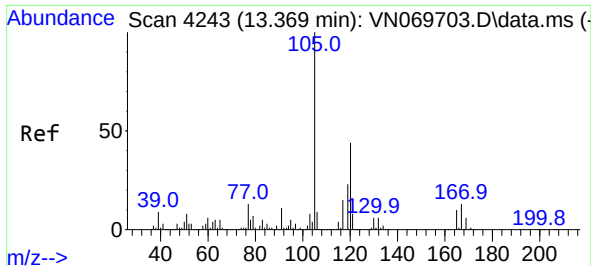
Tgt Ion: 91 Resp: 5113354
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.215 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 119 Resp: 18449
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 0.0 12.4 37.4#

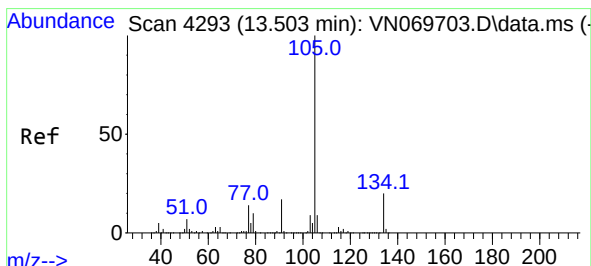
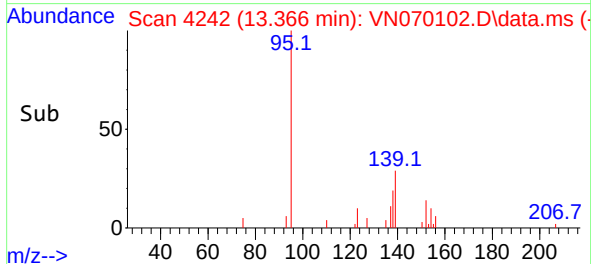
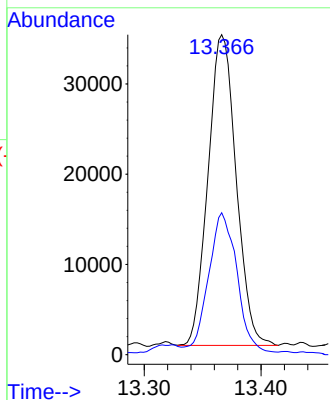
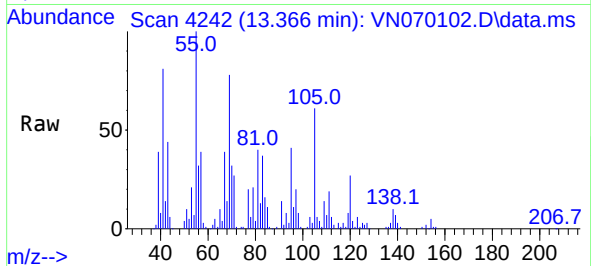




#84
1,2,4-Trimethylbenzene
Concen: 0.623 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

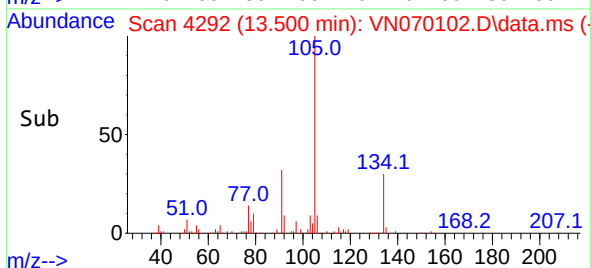
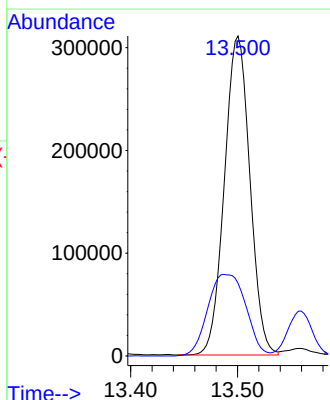
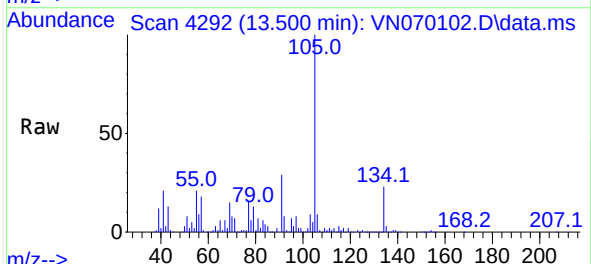
Instrument :
MSVOA_N
ClientSampleId :

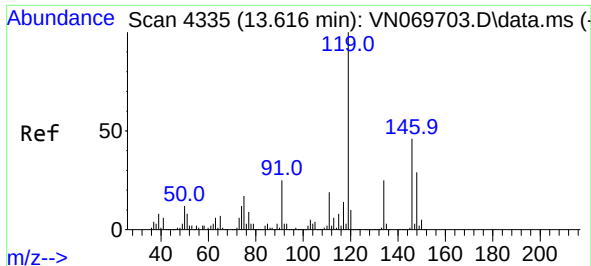
Tgt Ion:105 Resp: 57631
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.416 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

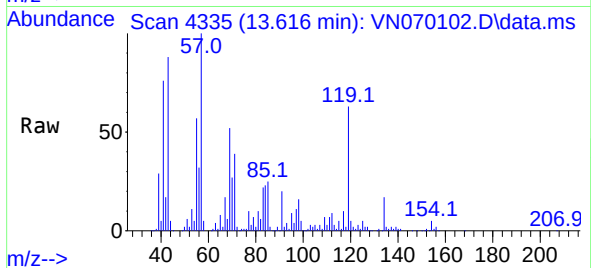
Tgt Ion:105 Resp: 514771
Ion Ratio Lower Upper
105 100
134 38.1 10.4 31.1#



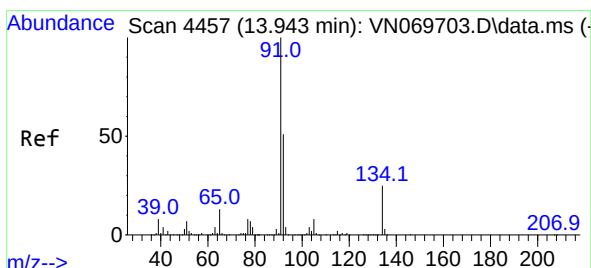
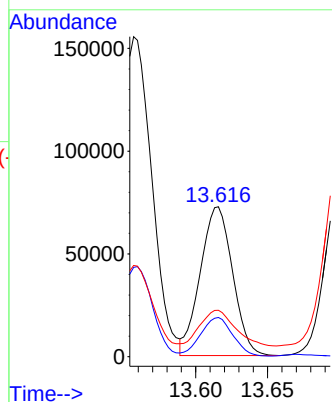
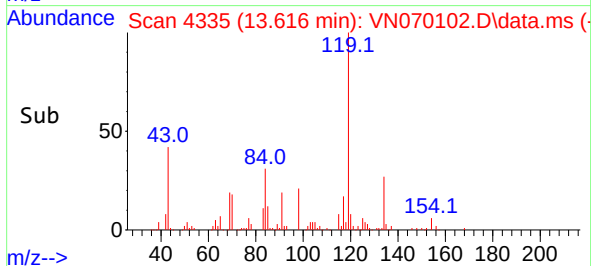


#86
p-Isopropyltoluene
Concen: 1.246 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

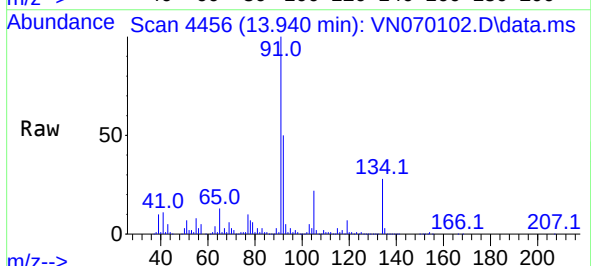
Instrument :
MSVOA_N
ClientSampleId :



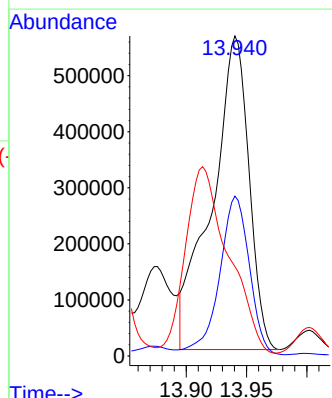
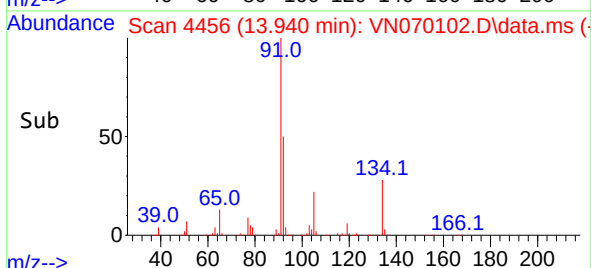
Tgt Ion:119 Resp: 113500
Ion Ratio Lower Upper
119 100
134 25.7 13.6 40.7
91 25.5 11.4 34.1

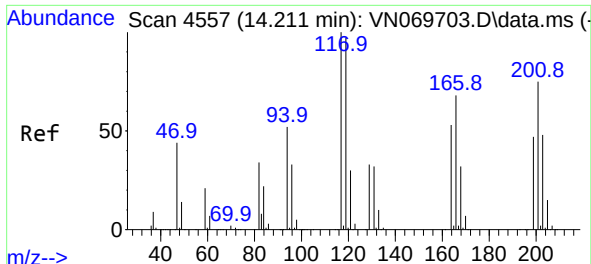


#89
n-Butylbenzene
Concen: 16.182 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01



Tgt Ion: 91 Resp: 1196181
Ion Ratio Lower Upper
91 100
92 41.0 25.4 76.0
134 0.0 13.6 40.8#

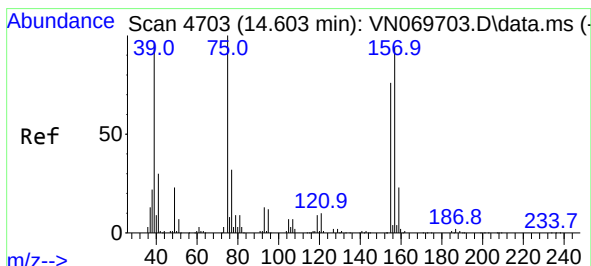
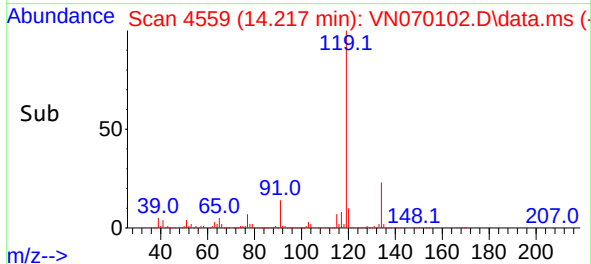
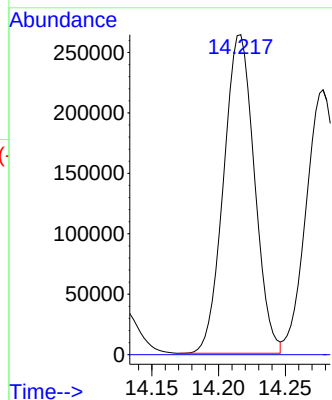
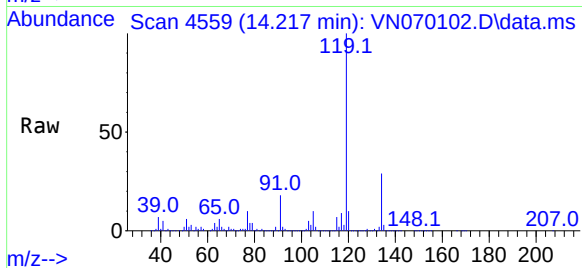




#90
Hexachloroethane
Concen: 26.475 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

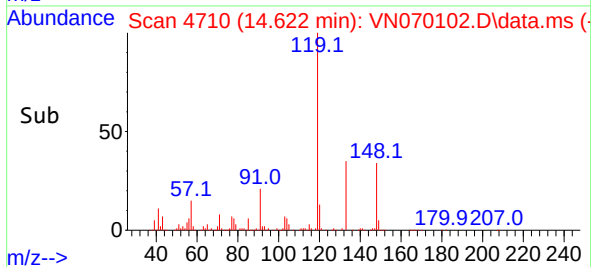
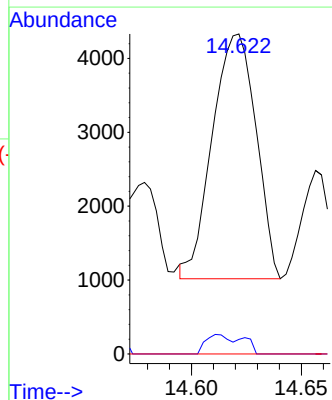
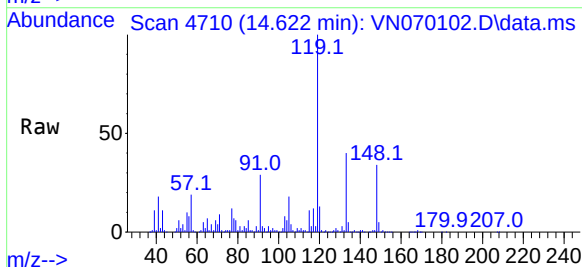
Instrument :
MSVOA_N
ClientSampleId :

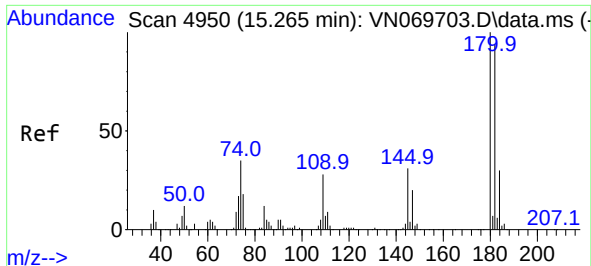
Tgt Ion:117 Resp: 423558
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.606 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.019 min
Lab File: VN070102.D
Acq: 15 Dec 2021 5:01

Tgt Ion: 75 Resp: 4567
Ion Ratio Lower Upper
75 100
155 4.4 46.9 140.7#
157 0.0 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 2.908 ug/l

RT: 15.255 min Scan# 4950

Delta R.T. -0.011 min

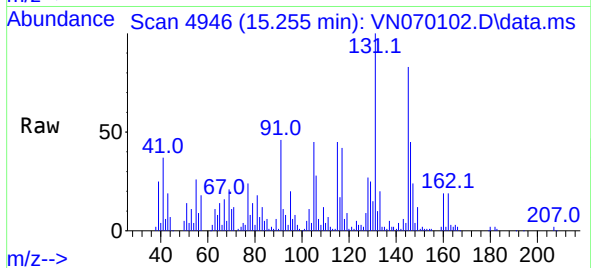
Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

Instrument :

MSVOA_N

ClientSampleId :



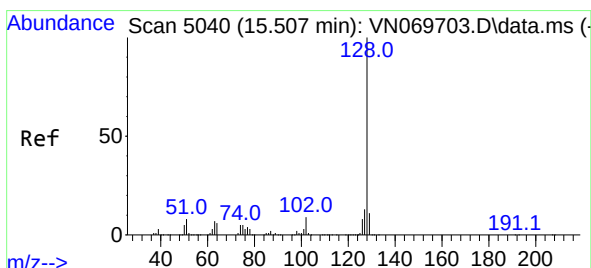
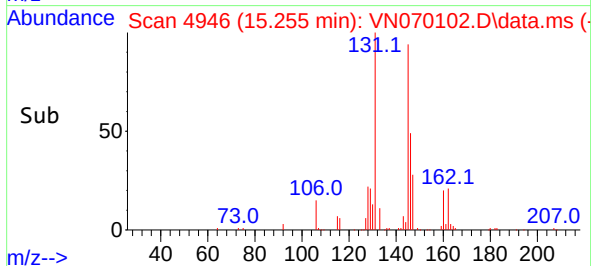
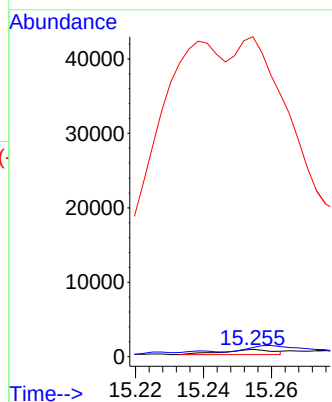
Tgt Ion:180 Resp: 701

Ion Ratio Lower Upper

180 100

182 149.6 48.3 144.9#

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 17.090 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.003 min

Lab File: VN070102.D

Acq: 15 Dec 2021 5:01

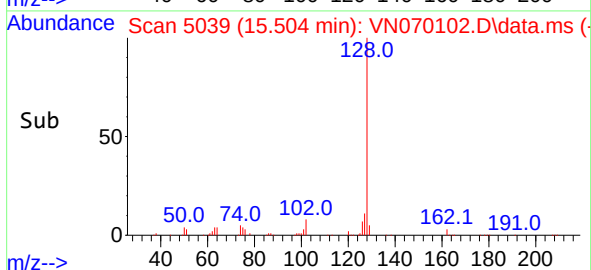
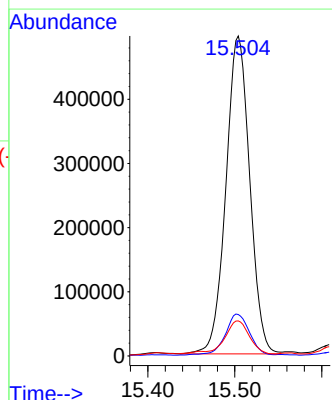
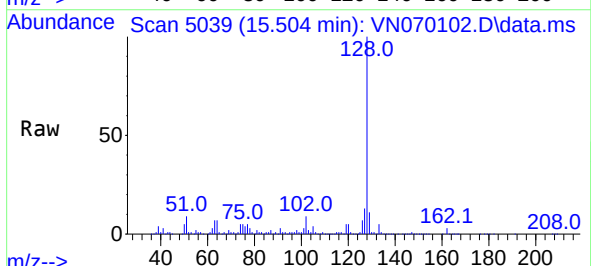
Tgt Ion:128 Resp: 943239

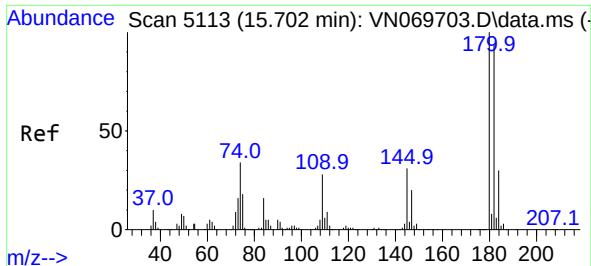
Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

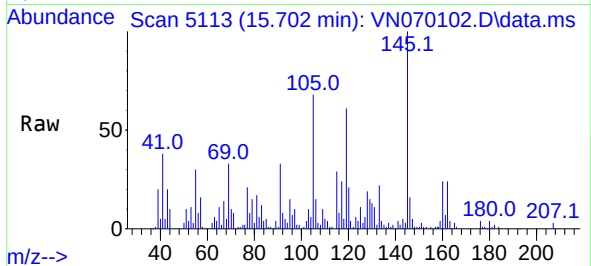
129 10.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.471 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070102.D
 Acq: 15 Dec 2021 5:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 806
 Ion Ratio Lower Upper
 180 100
 182 126.8 47.4 142.2
 145 0.0 15.0 45.1#

