

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070620.D
 Acq On : 14 Jan 2022 13:47
 Operator : JC/MD
 Sample : N1119-01ME
 Misc : 5.57g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 14 14:19:10 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	8.080	168	776990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1317183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1093451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	508209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	682162	61.062	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.120%	
35) Dibromofluoromethane	8.016	113	459063	57.602	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 115.200%	
50) Toluene-d8	10.440	98	1877940	57.682	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 115.360%	
62) 4-Bromofluorobenzene	12.731	95	738947	62.842	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 125.680%	

Target Compounds			Qvalue			
3) Chloromethane	2.295	50	2559	0.213	ug/l #	88
11) Tert butyl alcohol	5.307	59	14110	7.585	ug/l #	71
13) Acrolein	4.030	56	907	0.601	ug/l	99
14) Allyl chloride	5.036	41	32379	1.805	ug/l #	60
15) Acrylonitrile	5.575	53	13632	2.348	ug/l #	30
16) Acetone	4.307	43	30774	4.243	ug/l	94
18) Methyl Acetate	4.859	43	64680	3.083	ug/l #	71
20) Methylene Chloride	5.060	84	3329	0.332	ug/l #	84
25) 2-Butanone	7.348	43	41829	4.581	ug/l #	87
30) Chloroform	7.772	83	17195	0.984	ug/l #	18
31) Cyclohexane	8.083	56	209726	11.897	ug/l #	85
36) 1,1-Dichloropropene	8.078	75	61714	4.681	ug/l #	53
37) Ethyl Acetate	7.348	43	41829	2.448	ug/l #	68
38) Carbon Tetrachloride	8.080	117	74371	5.908	ug/l #	17
39) Methylcyclohexane	9.453	83	270654	16.957	ug/l #	81
41) Methacrylonitrile	7.659	41	6809	0.797	ug/l #	35
43) Isopropyl Acetate	8.550	43	82305	3.055	ug/l #	56
47) Bromodichloromethane	9.743	83	22210	1.653	ug/l #	25
48) Methyl methacrylate	9.504	41	17663	1.374	ug/l #	8
51) 4-Methyl-2-Pentanone	10.338	43	5449	0.322	ug/l	92
52) Toluene	10.502	92	31236	1.277	ug/l	95
55) 1,1,2-Trichloroethane	10.875	97	144945	14.974	ug/l #	21
56) Ethyl methacrylate	10.735	69	14659	0.917	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.033	63	1874	18.938	ug/l #	45
59) 2-Hexanone	11.049	43	107184	8.682	ug/l #	29
61) 1,2-Dibromoethane	11.309	107	2167	0.220	ug/l #	1
67) Ethyl Benzene	11.846	91	1002828	23.591	ug/l	95
68) m/p-Xylenes	11.956	106	83628	5.405	ug/l	97
69) o-Xylene	12.280	106	7278	0.473	ug/l	71
73) Isopropylbenzene	12.578	105	566780	12.009	ug/l	97
74) N-amyl acetate	12.366	43	73943	3.726	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.817	83	4487	0.706	ug/l #	23
76) 1,2,3-Trichloropropane	12.731	75	382410	26.761	ug/l #	1
78) n-propylbenzene	12.921	91	1306670	24.989	ug/l	95
79) 2-Chlorotoluene	12.921	91	1306670	38.945	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	26819	0.709	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

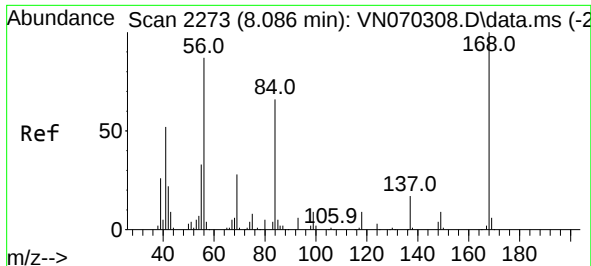
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

81) trans-1,4-Dichloro-2-b...	12.731	75	382410	91.934	ug/l	#	6
82) 4-Chlorotoluene	13.222	91	39688	1.263	ug/l	#	38
83) tert-Butylbenzene	13.323	119	12861	0.386	ug/l		95
84) 1,2,4-Trimethylbenzene	13.366	105	94425	2.593	ug/l		95
85) sec-Butylbenzene	13.500	105	192110	4.249	ug/l	#	66
86) p-Isopropyltoluene	13.771	119	46113	1.298	ug/l		94
88) 1,4-Dichlorobenzene	13.688	146	3776	0.211	ug/l	#	1
89) n-Butylbenzene	13.943	91	186516	6.296	ug/l	#	71
90) Hexachloroethane	14.217	117	120834	19.584	ug/l	#	6
91) 1,2-Dichlorobenzene	13.989	146	4108	0.231	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.541	75	6326	2.314	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.260	180	6500	0.776	ug/l	#	81
95) Naphthalene	15.507	128	262248	12.715	ug/l		98
96) 1,2,3-Trichlorobenzene	15.705	180	7129	1.701	ug/l	#	81

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

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Response via : Initial Calibration

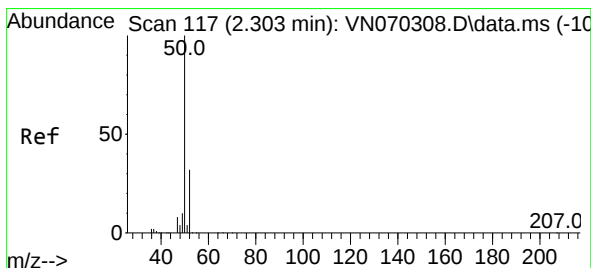
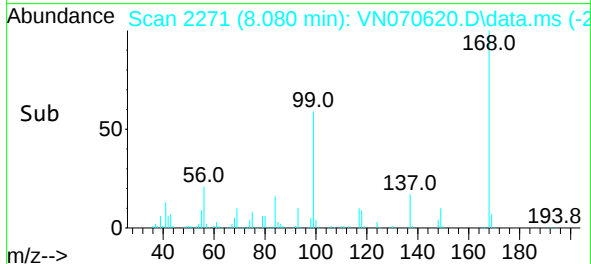
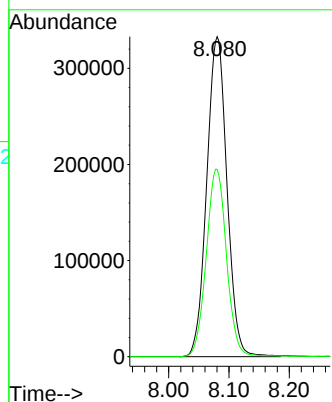
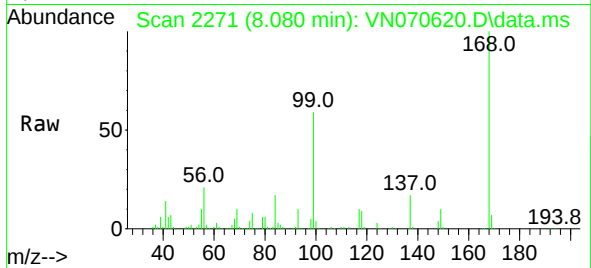




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

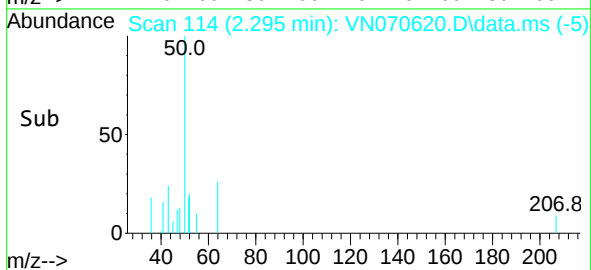
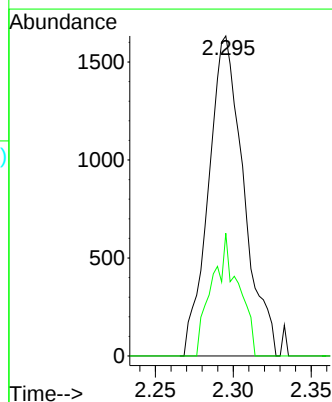
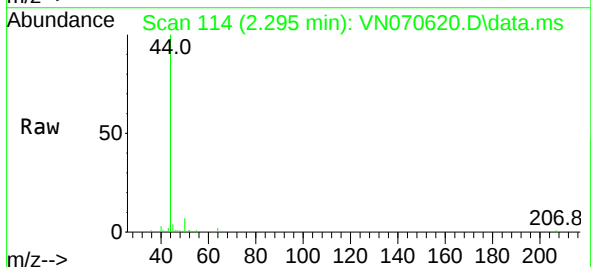
Instrument :
MSVOA_N
ClientSampleId :

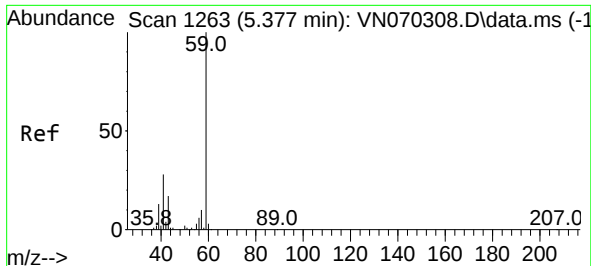
Tgt Ion:168 Resp: 776990
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#3
Chloromethane
Concen: 0.213 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.008 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

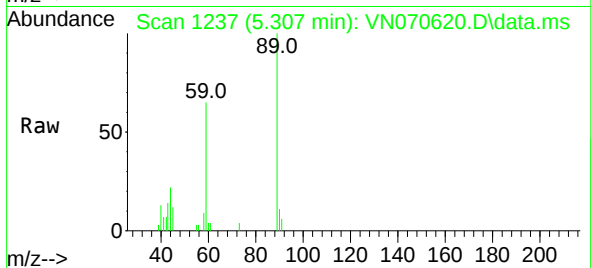
Tgt Ion: 50 Resp: 2559
Ion Ratio Lower Upper
50 100
52 38.3 25.4 38.0#



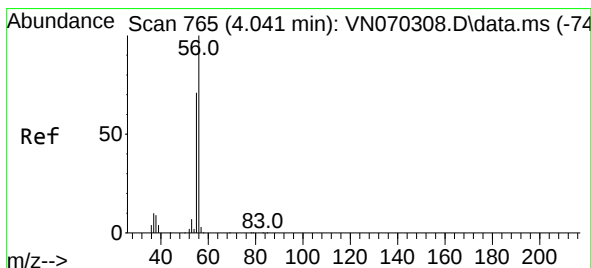
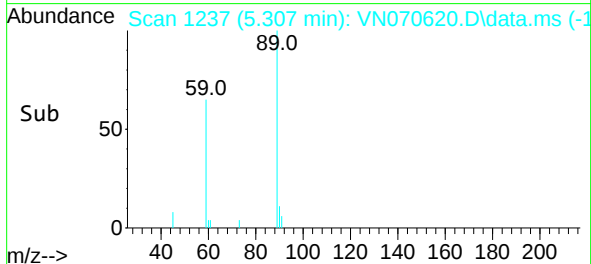
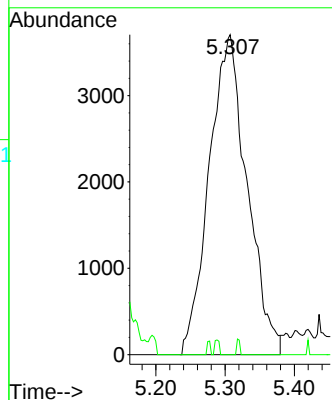


#11
Tert butyl alcohol
Concen: 7.585 ug/l
RT: 5.307 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

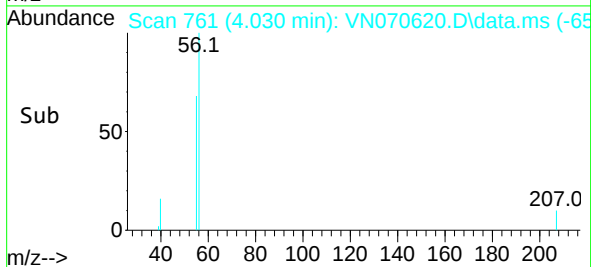
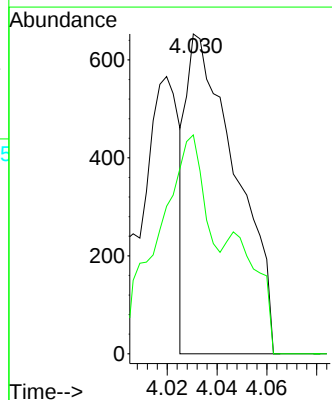
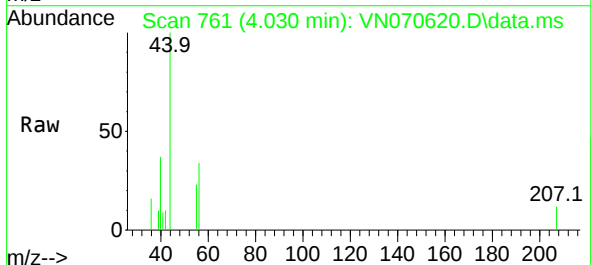


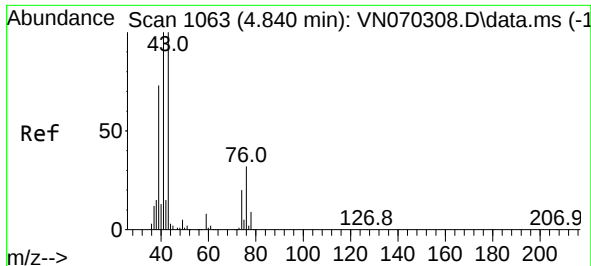
Tgt Ion: 59 Resp: 14110
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.601 ug/l
RT: 4.030 min Scan# 761
Delta R.T. -0.011 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 56 Resp: 907
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0





#14

Allyl chloride

Concen: 1.805 ug/l

RT: 5.036 min Scan# 1136

Delta R.T. 0.196 min

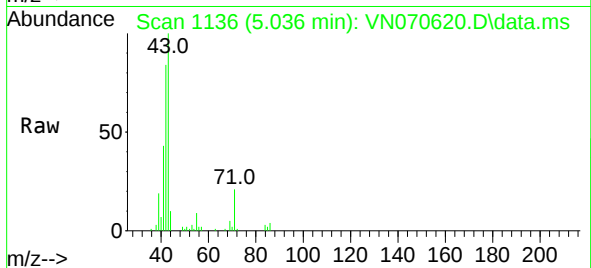
Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :



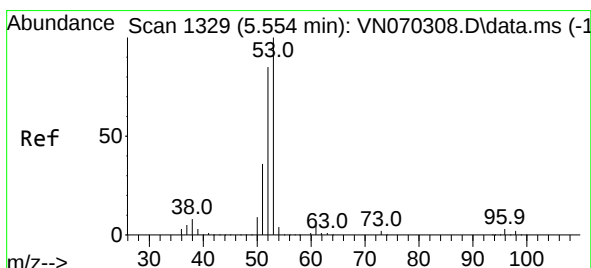
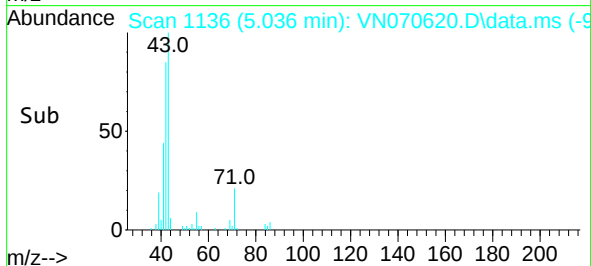
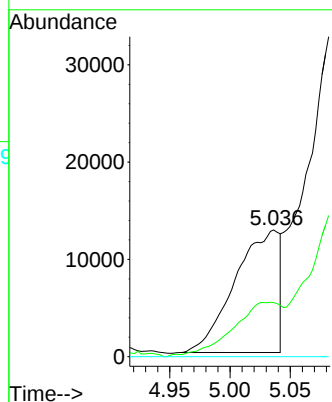
Tgt Ion: 41 Resp: 32379

Ion Ratio Lower Upper

41 100

39 48.6 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 2.348 ug/l

RT: 5.575 min Scan# 1337

Delta R.T. 0.021 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

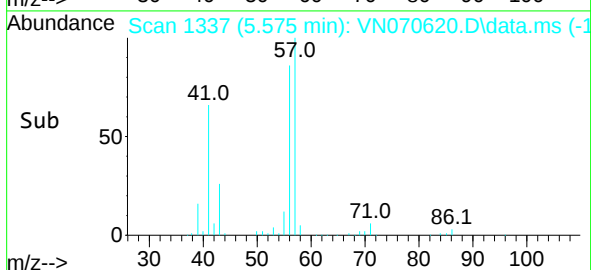
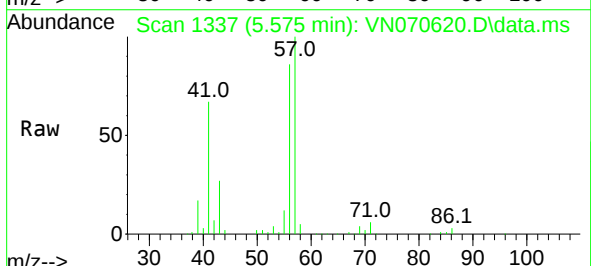
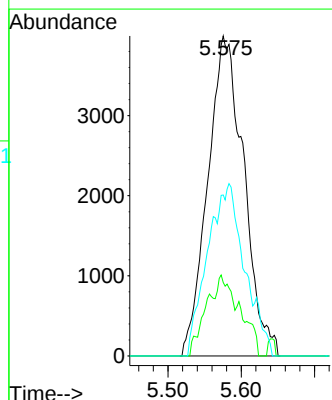
Tgt Ion: 53 Resp: 13632

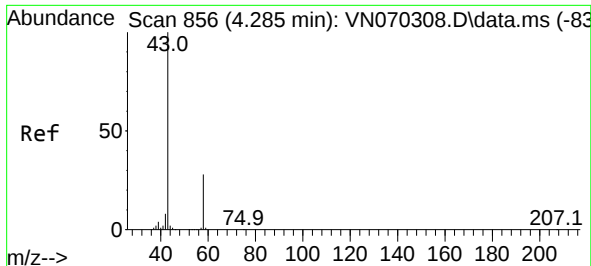
Ion Ratio Lower Upper

53 100

52 4.6 66.2 99.2#

51 55.6 29.6 44.4#

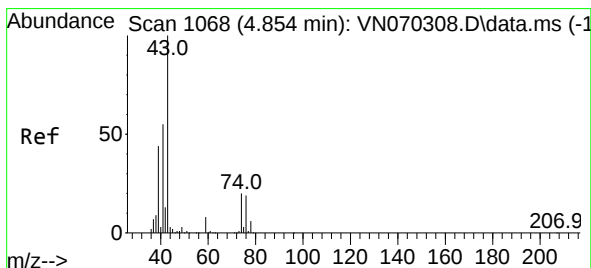
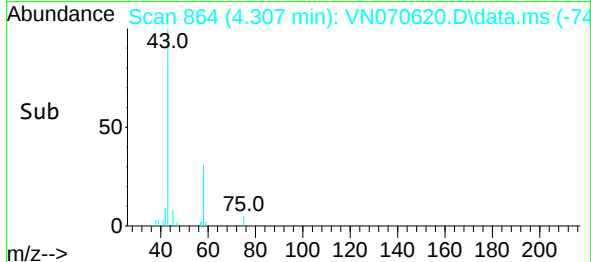
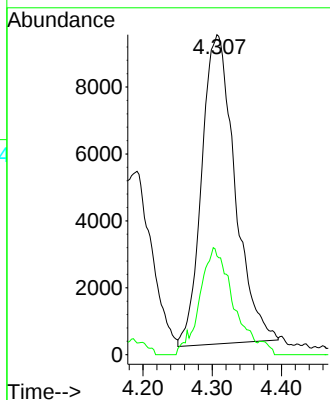
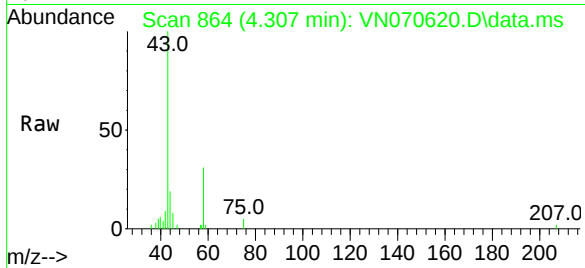




#16
Acetone
Concen: 4.243 ug/l
RT: 4.307 min Scan# 80
Delta R.T. 0.022 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

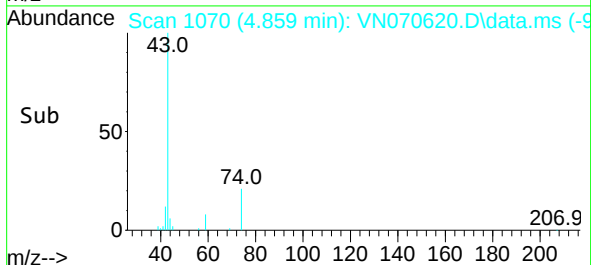
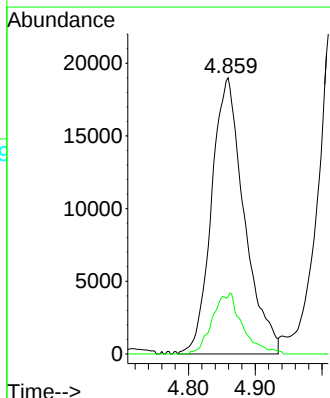
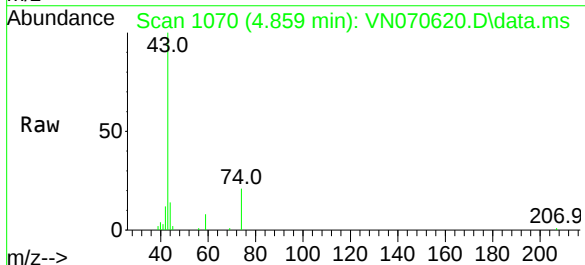
Instrument :
MSVOA_N
ClientSampleId :

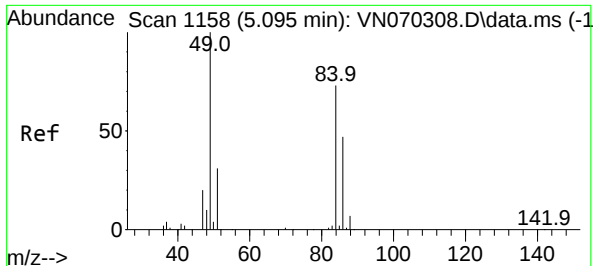
Tgt Ion: 43 Resp: 30774
Ion Ratio Lower Upper
43 100
58 32.4 23.1 34.7



#18
Methyl Acetate
Concen: 3.083 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 43 Resp: 64680
Ion Ratio Lower Upper
43 100
74 9.8 19.4 29.2#





#20

Methylene Chloride

Concen: 0.332 ug/l

RT: 5.060 min Scan# 1158

Delta R.T. -0.035 min

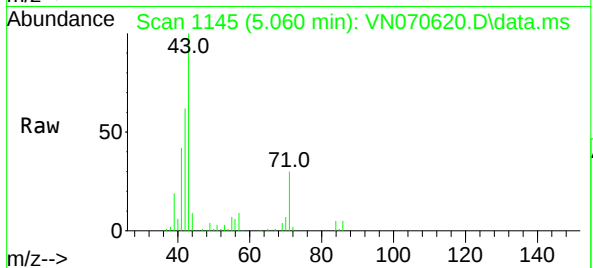
Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 3329

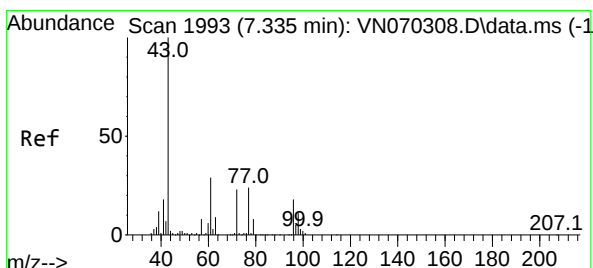
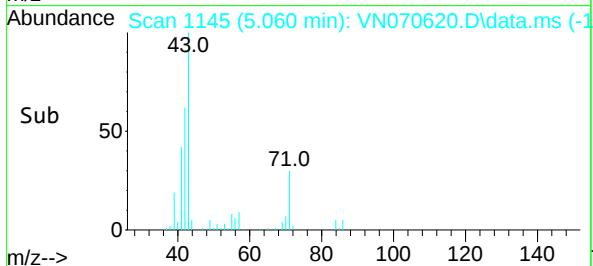
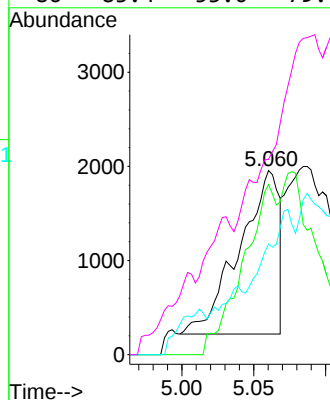
Ion Ratio Lower Upper

84 100

49 104.0 93.5 140.3

51 48.9 29.4 44.2#

86 83.4 53.0 79.4#



#25

2-Butanone

Concen: 4.581 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.013 min

Lab File: VN070620.D

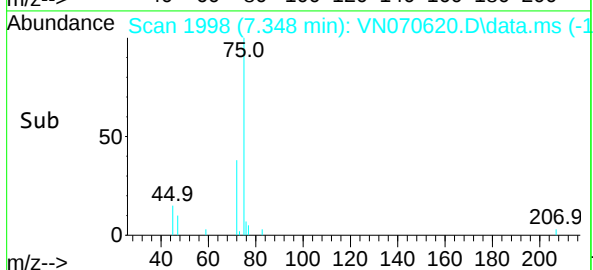
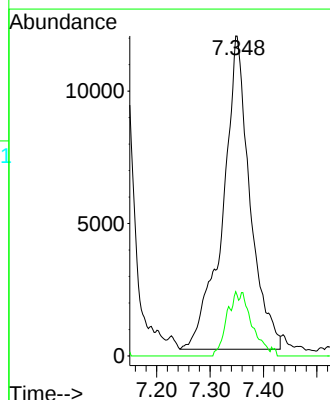
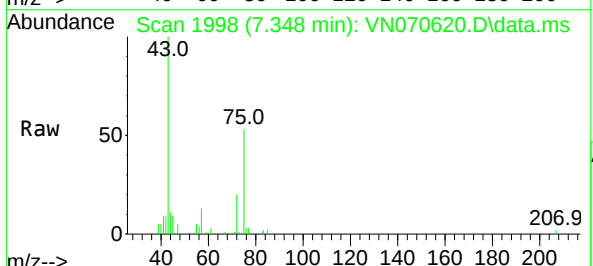
Acq: 14 Jan 2022 13:47

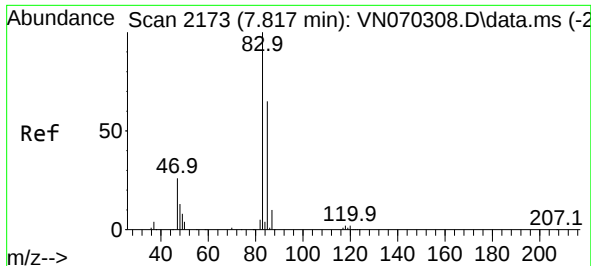
Tgt Ion: 43 Resp: 41829

Ion Ratio Lower Upper

43 100

72 20.5 21.7 32.5#

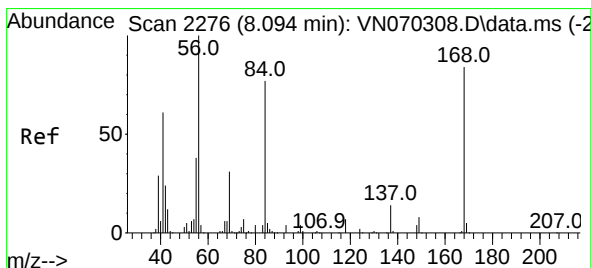
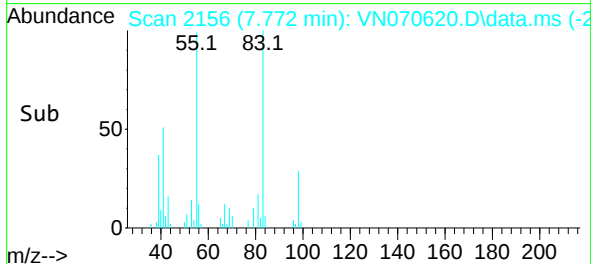
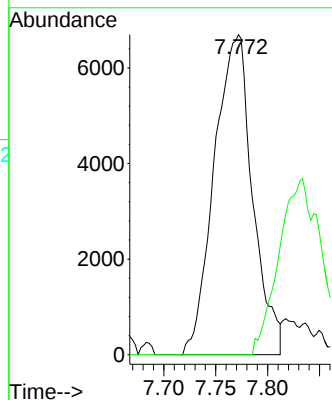
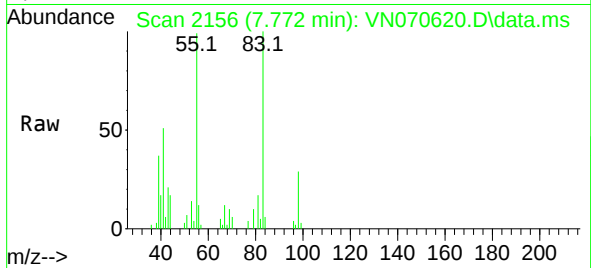




#30
Chloroform
Concen: 0.984 ug/l
RT: 7.772 min Scan# 2156
Delta R.T. -0.045 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

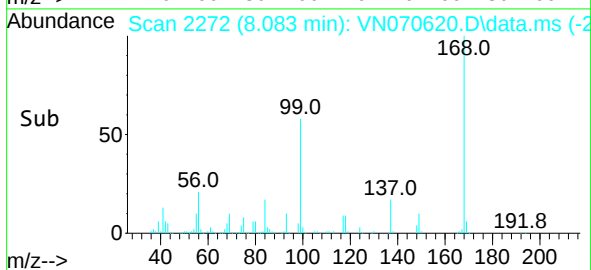
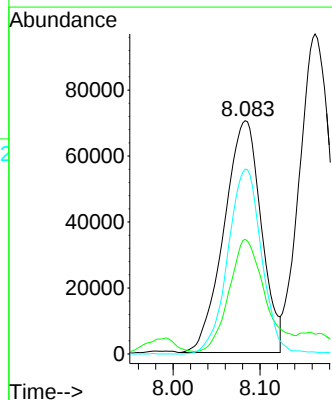
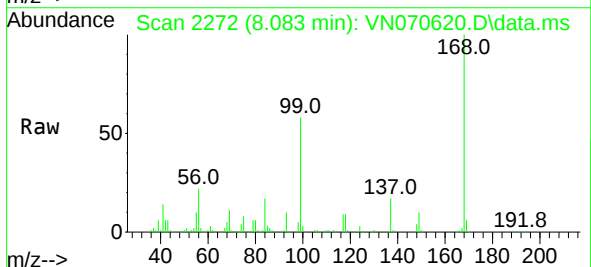
Instrument :
MSVOA_N
ClientSampleId :

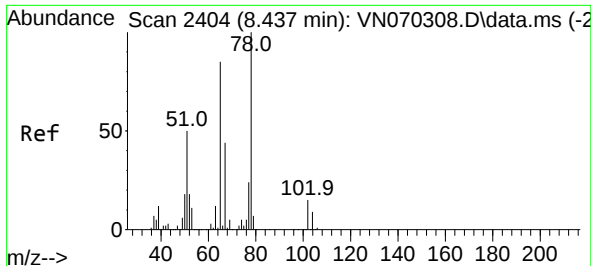
Tgt Ion: 83 Resp: 17195
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 11.897 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 56 Resp: 209726
Ion Ratio Lower Upper
56 100
69 46.9 27.1 40.7#
84 79.8 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 61.062 ug/l

RT: 8.432 min Scan# 2404

Delta R.T. -0.005 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

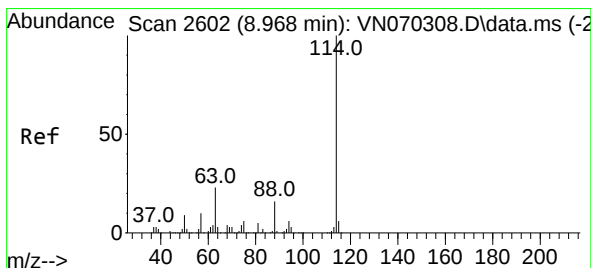
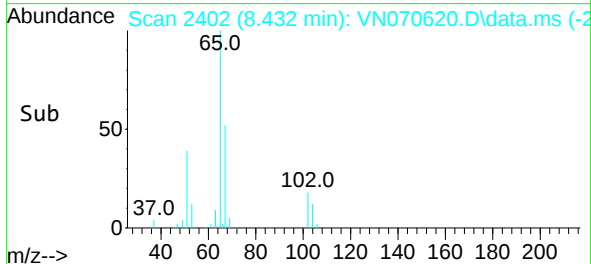
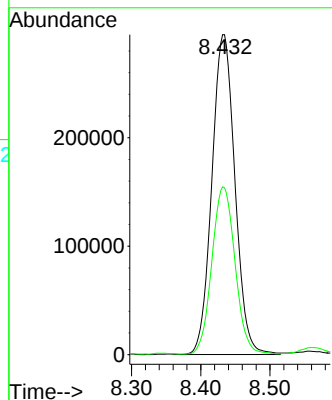
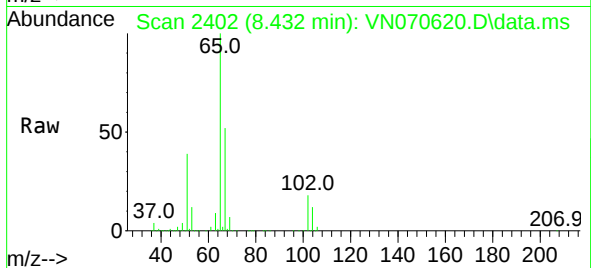
ClientSampleId :

Tgt Ion: 65 Resp: 682162

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

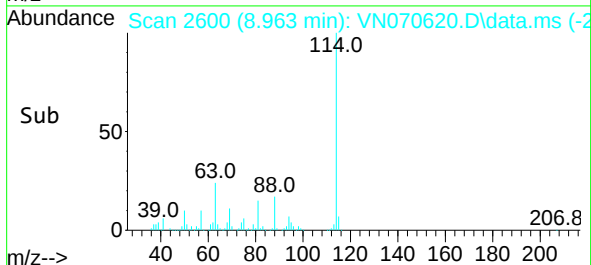
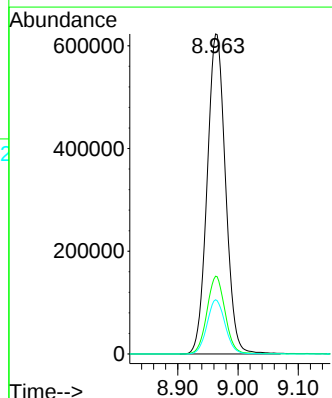
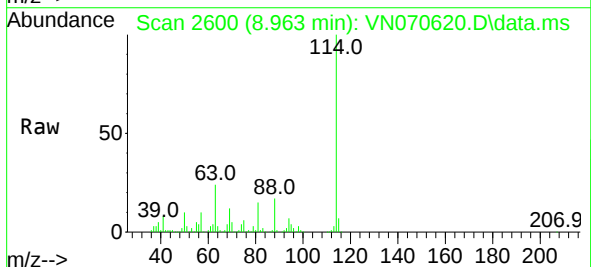
Tgt Ion: 114 Resp: 1317183

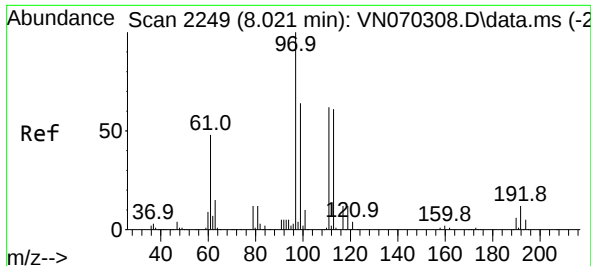
Ion Ratio Lower Upper

114 100

63 24.3 0.0 37.8

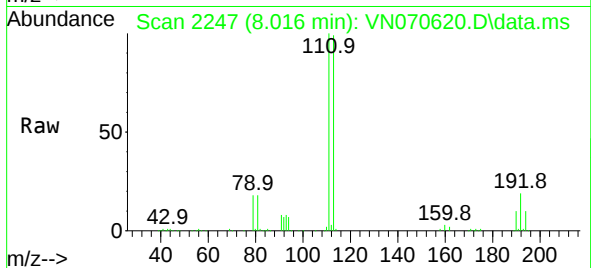
88 17.0 0.0 27.4



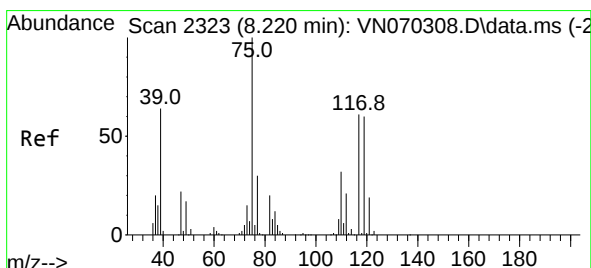
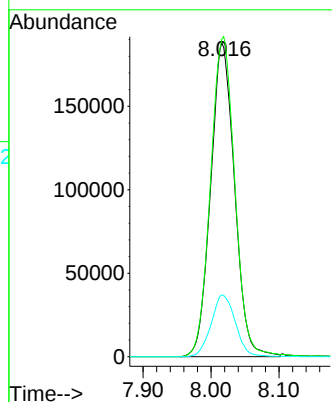
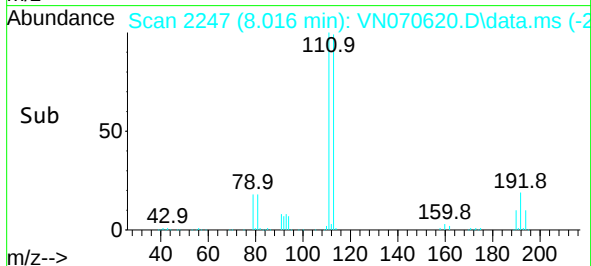


#35
Dibromofluoromethane
Concen: 57.602 ug/l
RT: 8.016 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

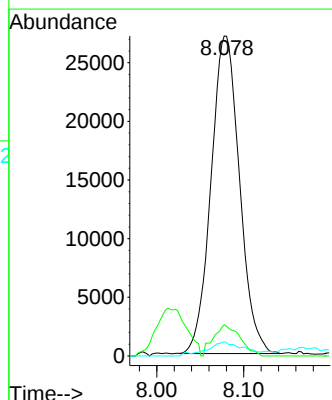
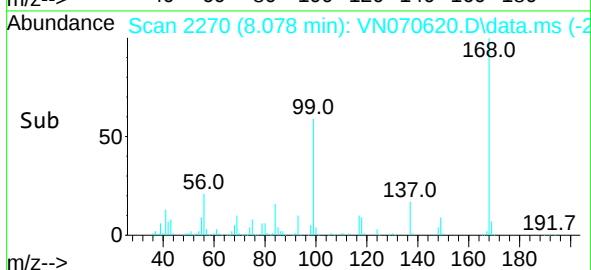
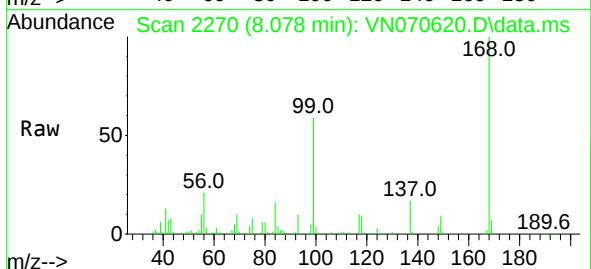


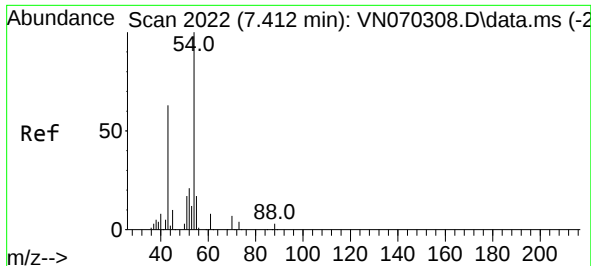
Tgt Ion:113 Resp: 459063
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.142 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 75 Resp: 61714
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 4.3 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.448 ug/l

RT: 7.348 min Scan# 19

Delta R.T. -0.064 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

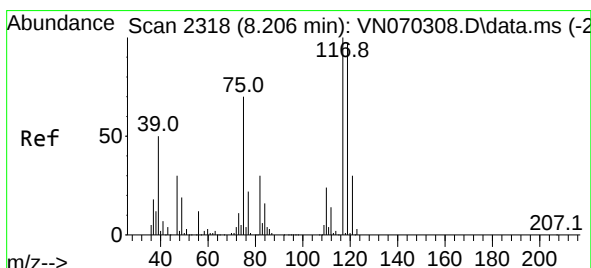
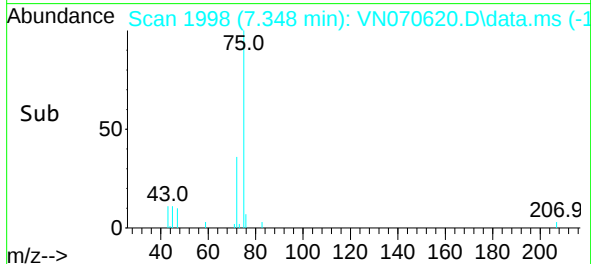
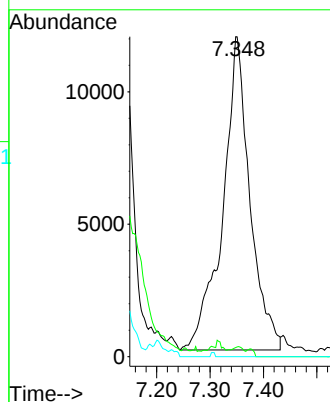
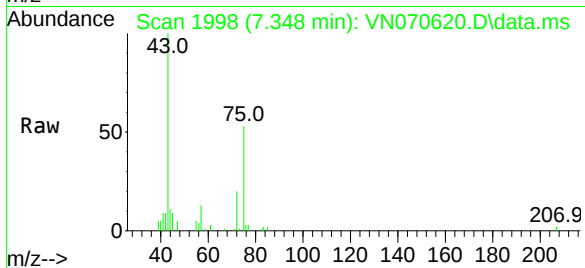
Tgt Ion: 43 Resp: 41829

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.908 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.126 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

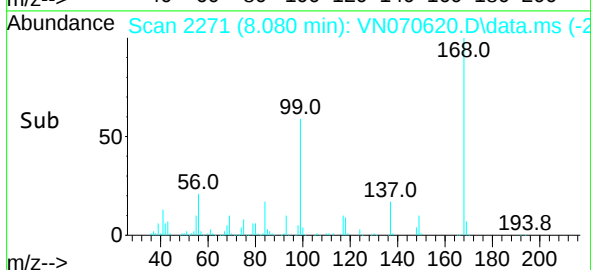
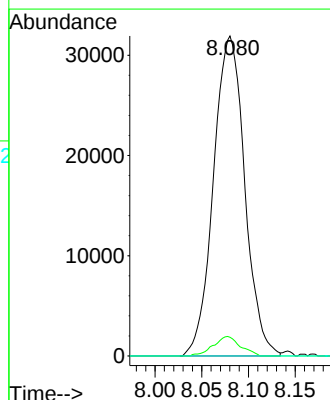
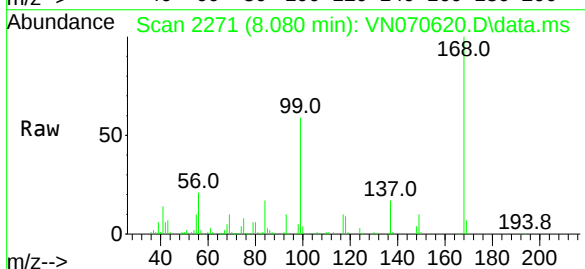
Tgt Ion: 117 Resp: 74371

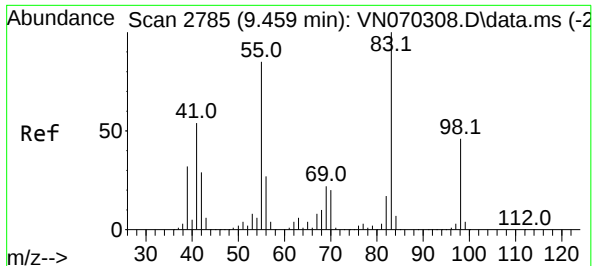
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 16.957 ug/l

RT: 9.453 min Scan# 2114

Delta R.T. -0.006 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

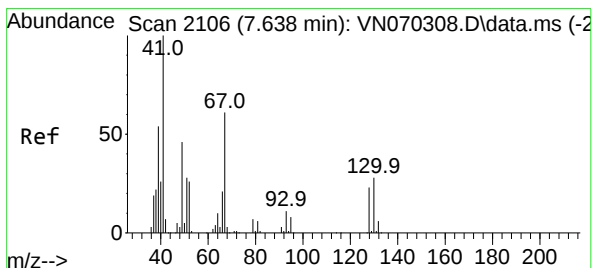
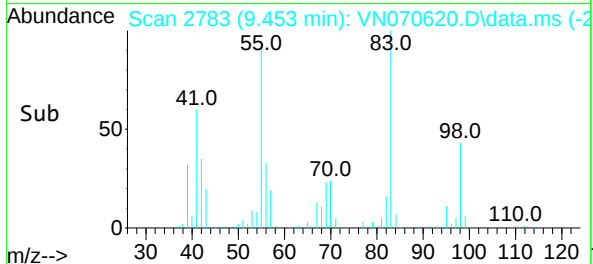
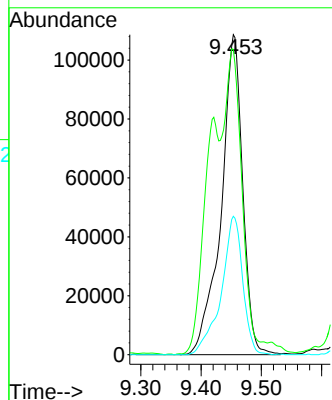
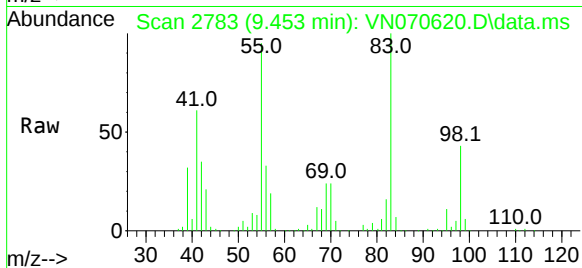
Tgt Ion: 83 Resp: 270654

Ion Ratio Lower Upper

83 100

55 95.1 58.1 87.1#

98 43.3 38.4 57.6



#41

Methacrylonitrile

Concen: 0.797 ug/l

RT: 7.659 min Scan# 2114

Delta R.T. 0.021 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Tgt Ion: 41 Resp: 6809

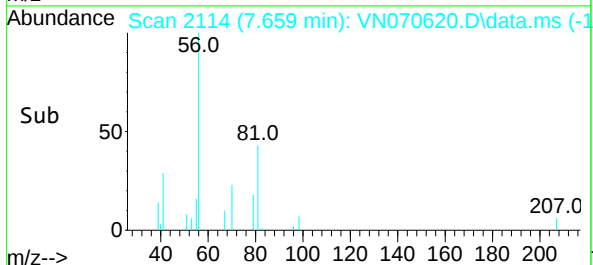
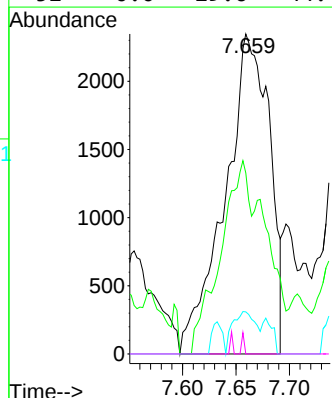
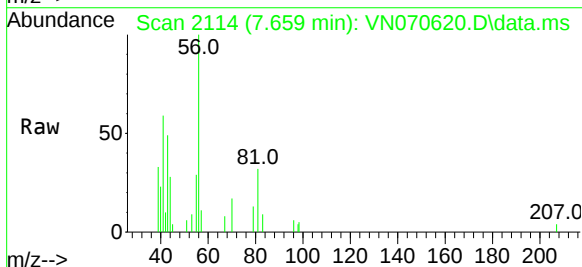
Ion Ratio Lower Upper

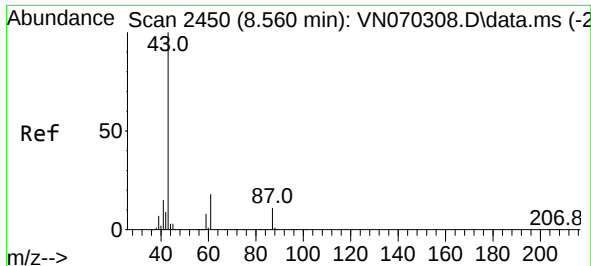
41 100

39 39.9 48.1 72.1#

67 0.0 68.3 102.5#

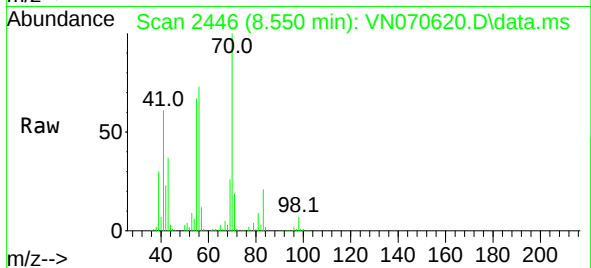
52 0.0 29.6 44.4#



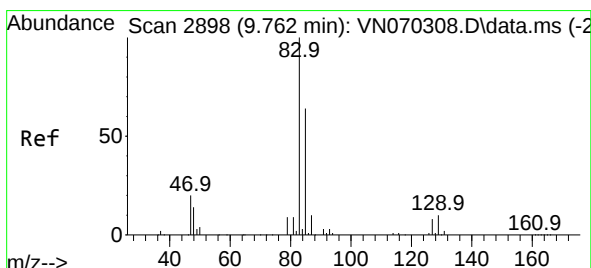
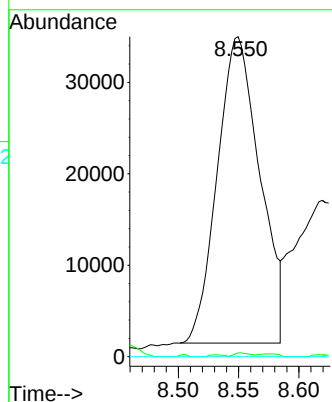
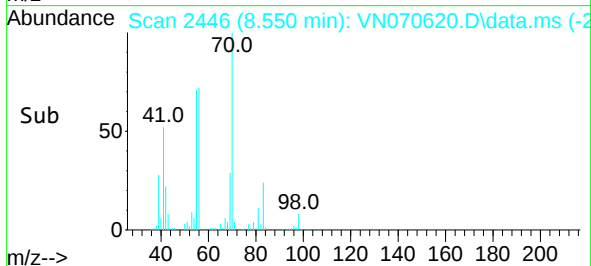


#43
Isopropyl Acetate
Concen: 3.055 ug/l
RT: 8.550 min Scan# 2450
Delta R.T. -0.010 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

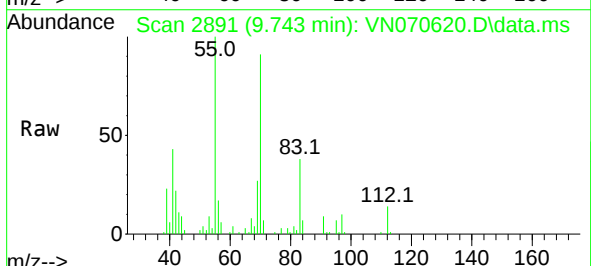
Instrument :
MSVOA_N
ClientSampleId :



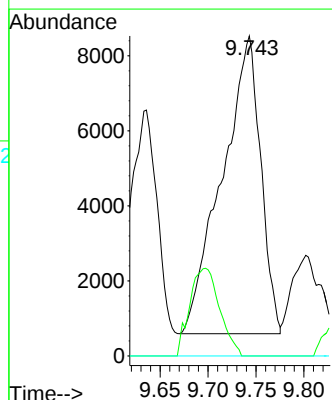
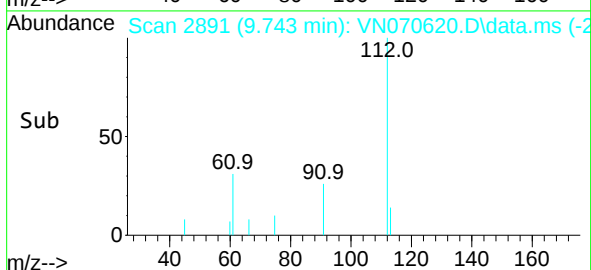
Tgt Ion: 43 Resp: 82305
Ion Ratio Lower Upper
43 100
61 0.5 20.4 30.6#
87 0.0 11.2 16.8#

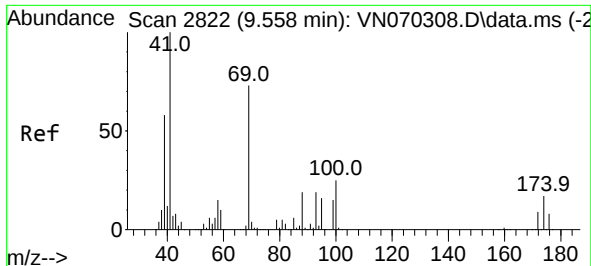


#47
Bromodichloromethane
Concen: 1.653 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



Tgt Ion: 83 Resp: 22210
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

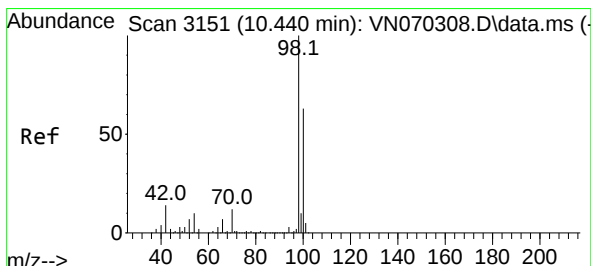
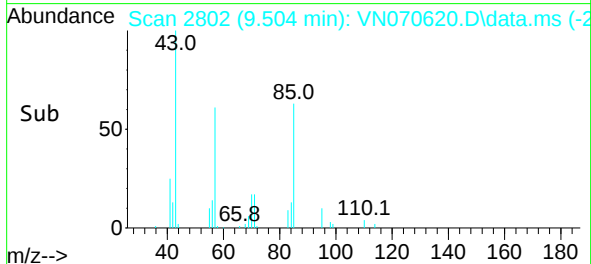
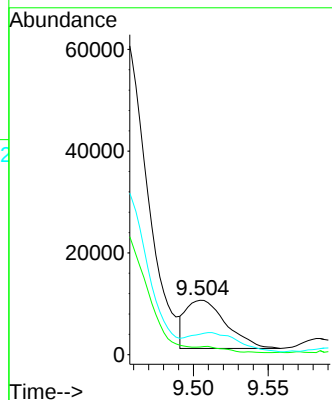
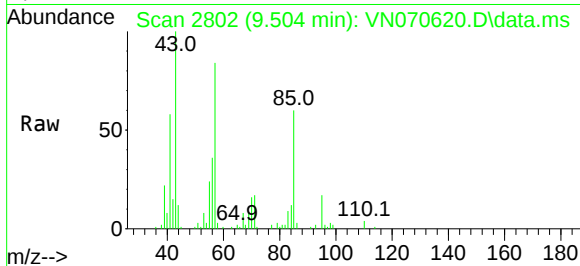




#48
Methyl methacrylate
Concen: 1.374 ug/l
RT: 9.504 min Scan# 21
Delta R.T. -0.054 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

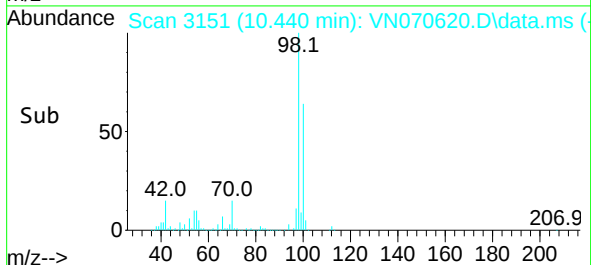
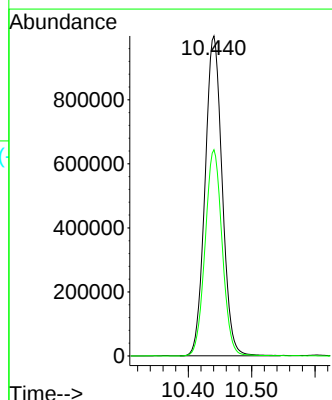
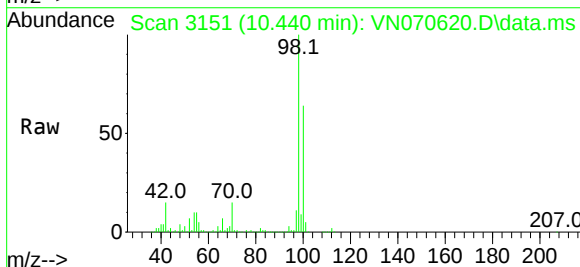
Instrument :
MSVOA_N
ClientSampleId :

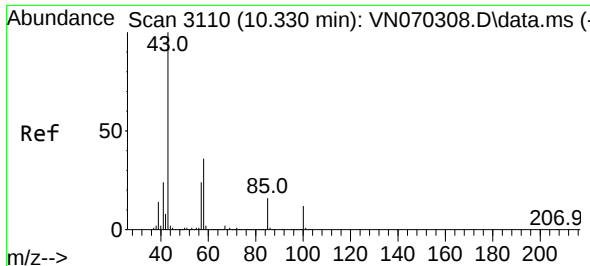
Tgt Ion: 41 Resp: 17663
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 57.682 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 98 Resp: 1877940
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

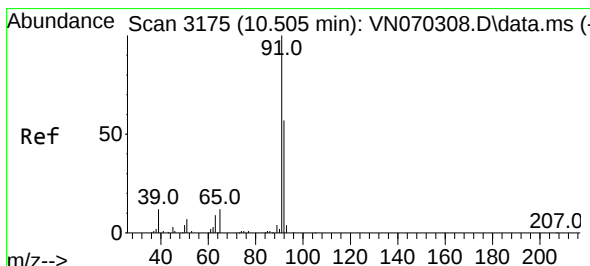
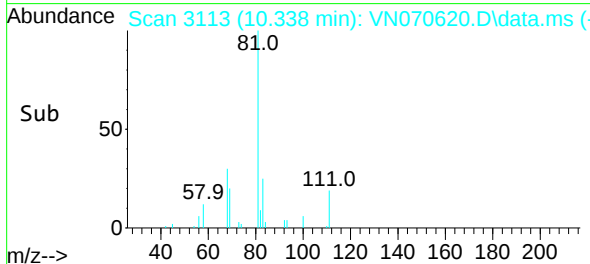
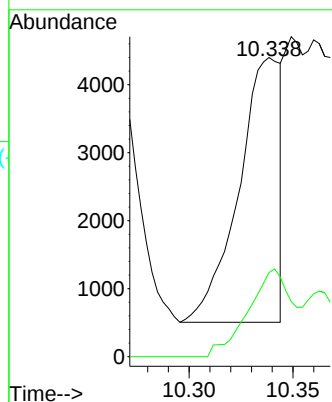
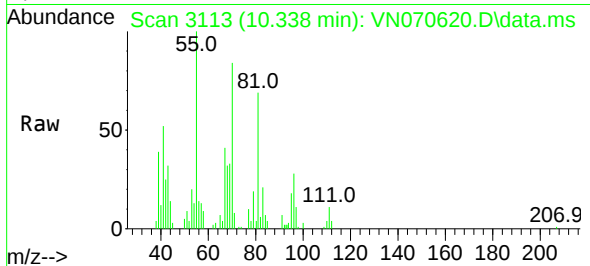




#51
4-Methyl-2-Pentanone
Concen: 0.322 ug/l
RT: 10.338 min Scan# 3110
Delta R.T. 0.008 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

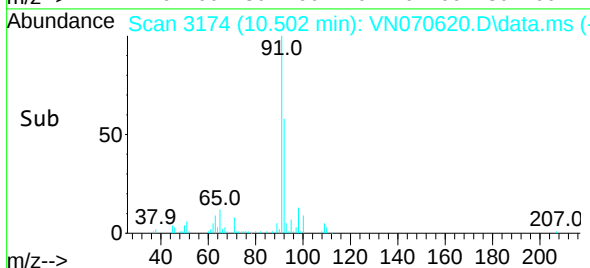
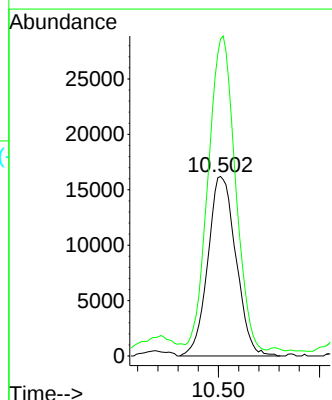
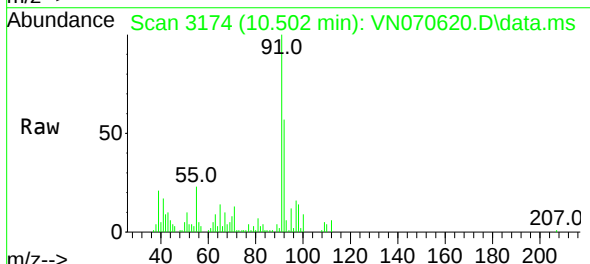
Instrument :
MSVOA_N
ClientSampleId :

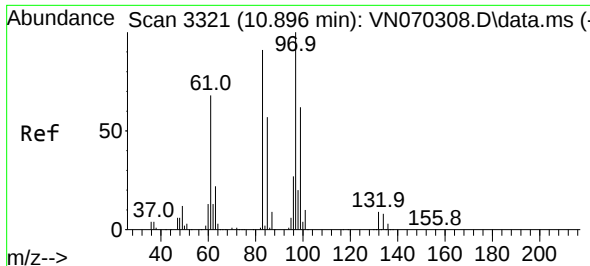
Tgt Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
58 33.3 30.4 45.6



#52
Toluene
Concen: 1.277 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

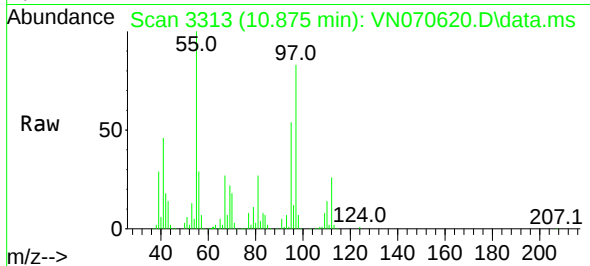
Tgt Ion: 92 Resp: 31236
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0



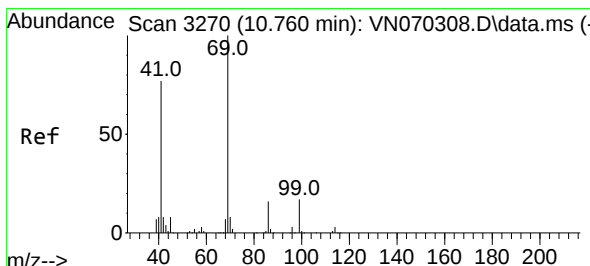
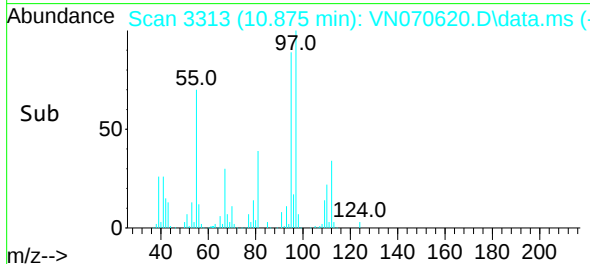
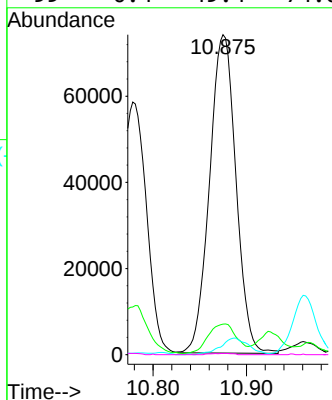


#55
1,1,2-Trichloroethane
Concen: 14.974 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

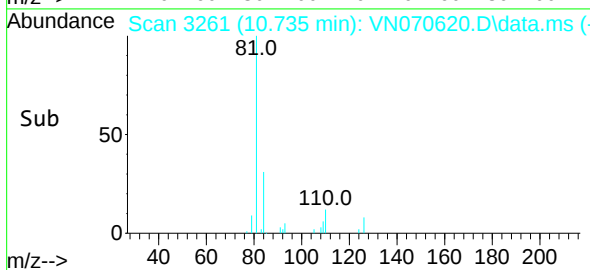
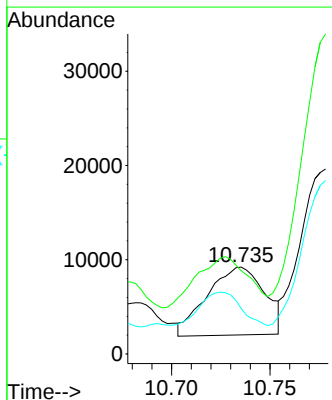
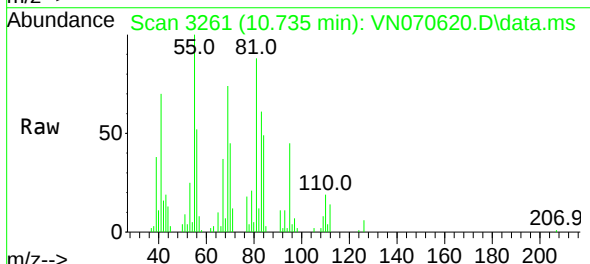


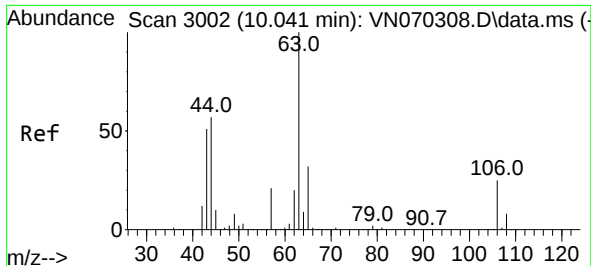
Tgt Ion: 97 Resp: 144945
Ion Ratio Lower Upper
97 100
83 9.0 67.8 101.6#
85 2.9 45.4 68.2#
99 0.4 49.4 74.0#



#56
Ethyl methacrylate
Concen: 0.917 ug/l
RT: 10.735 min Scan# 3261
Delta R.T. -0.025 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 69 Resp: 14659
Ion Ratio Lower Upper
69 100
41 72.5 51.4 77.0
39 36.2 34.6 52.0

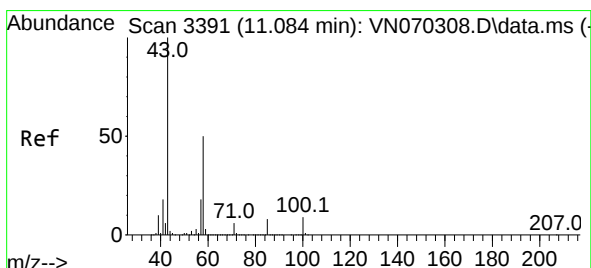
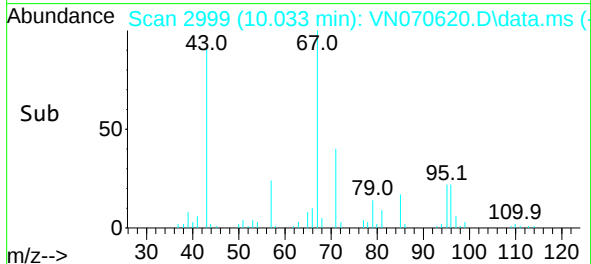
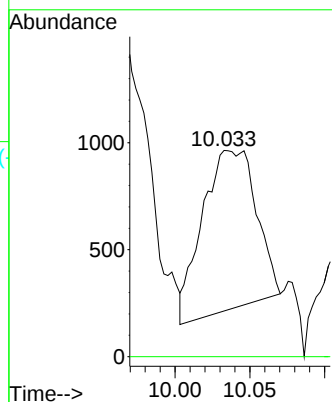
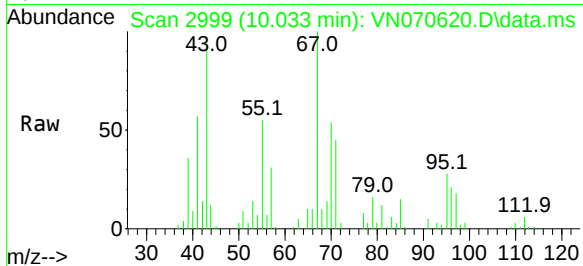




#58
2-Chloroethyl Vinyl ether
Concen: 18.938 ug/l
RT: 10.033 min Scan# 2999
Delta R.T. -0.008 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

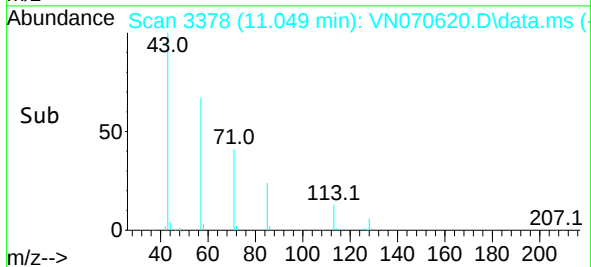
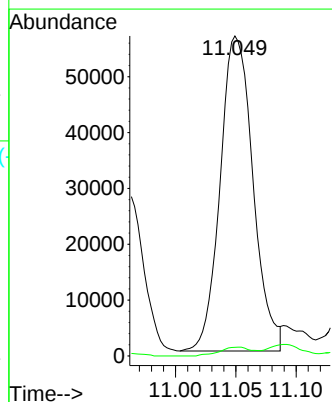
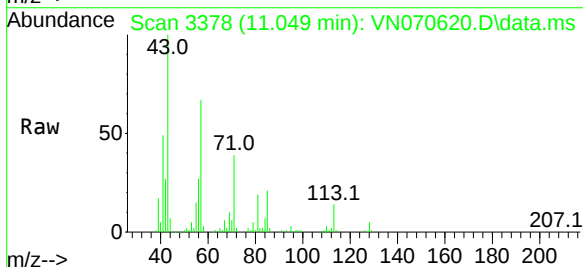
Instrument :
MSVOA_N
ClientSampleId :

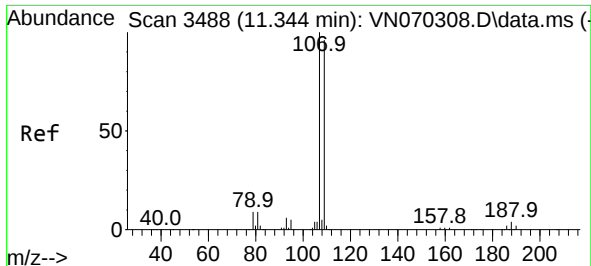
Tgt Ion: 63 Resp: 1874
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 8.682 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. -0.035 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

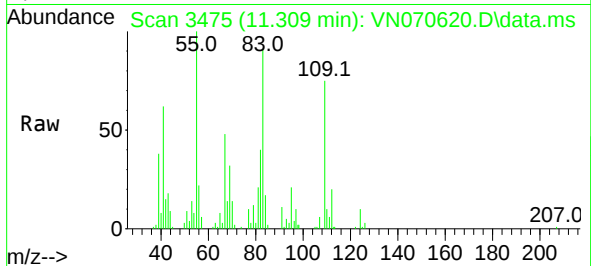
Tgt Ion: 43 Resp: 107184
Ion Ratio Lower Upper
43 100
58 2.9 26.9 80.7#



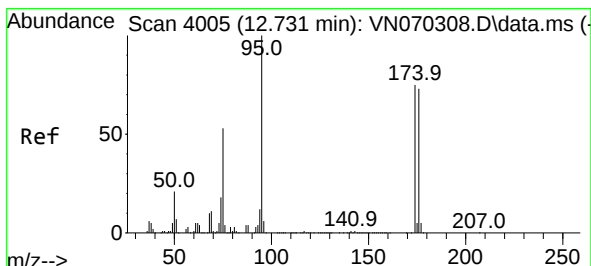
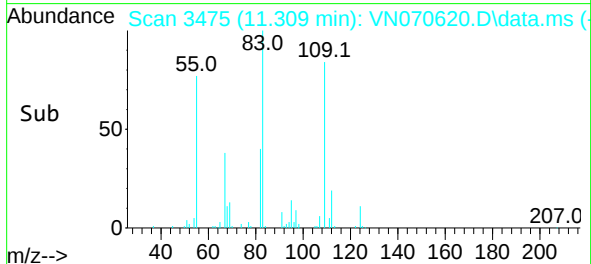
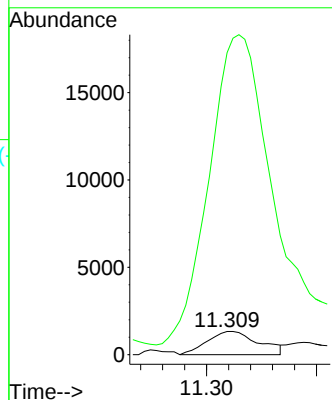


#61
1,2-Dibromoethane
Concen: 0.220 ug/l
RT: 11.309 min Scan# 3488
Delta R.T. -0.035 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

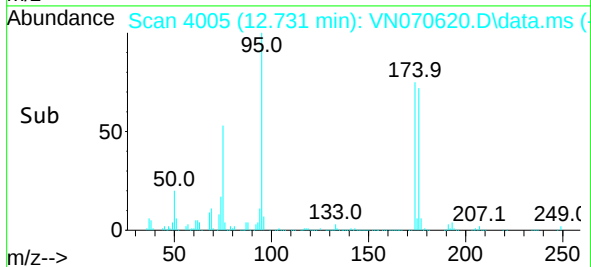
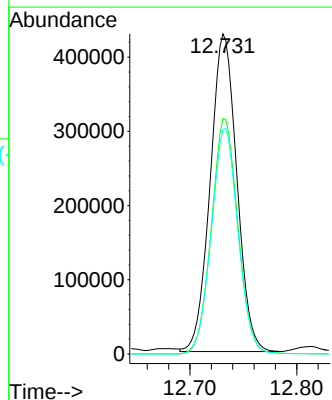
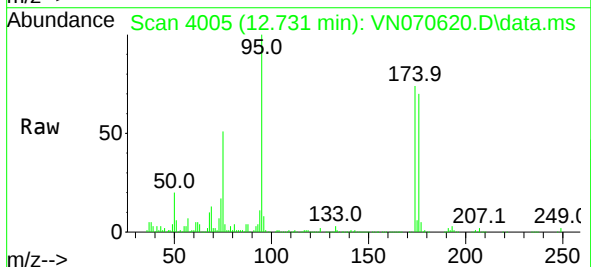


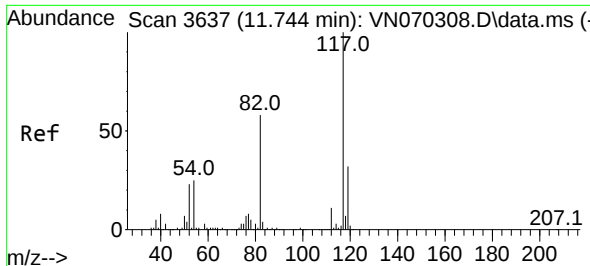
Tgt Ion:107 Resp: 2167
Ion Ratio Lower Upper
107 100
109 1736.8 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 62.842 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

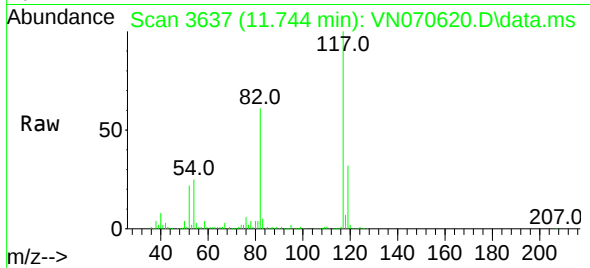
Tgt Ion: 95 Resp: 738947
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.4 0.0 181.4



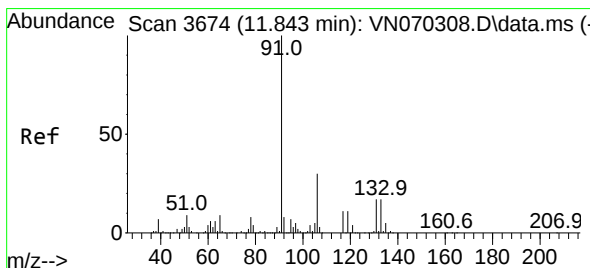
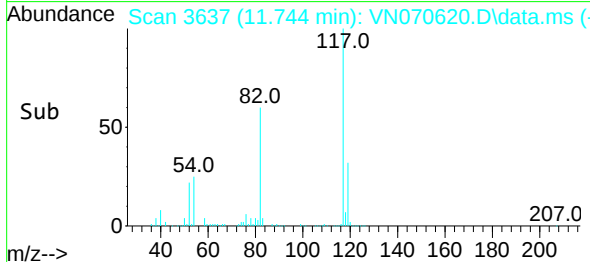
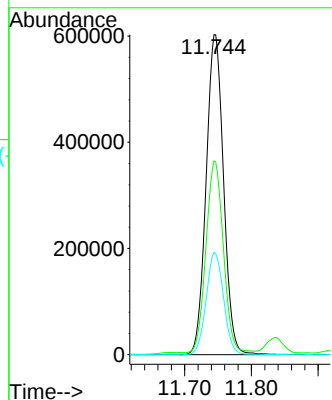


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

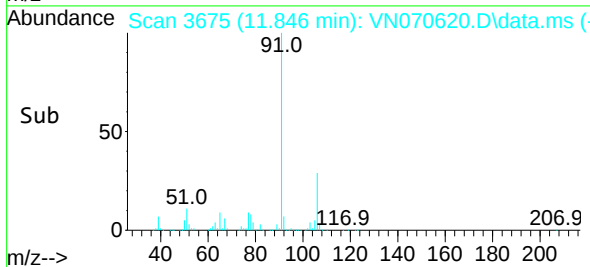
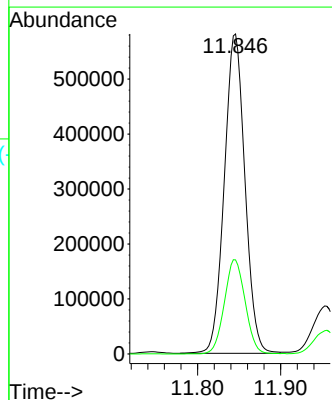
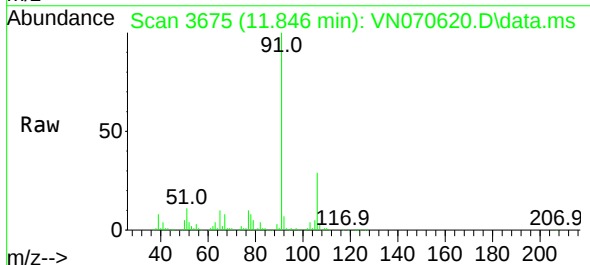


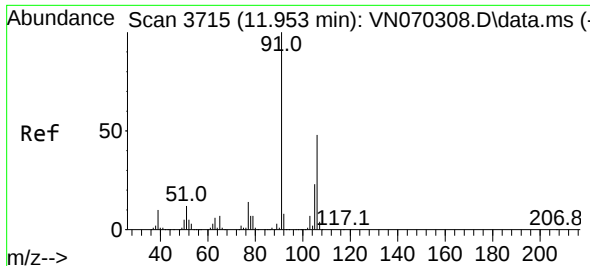
Tgt Ion:117 Resp: 1093451
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 23.591 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 91 Resp: 1002828
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

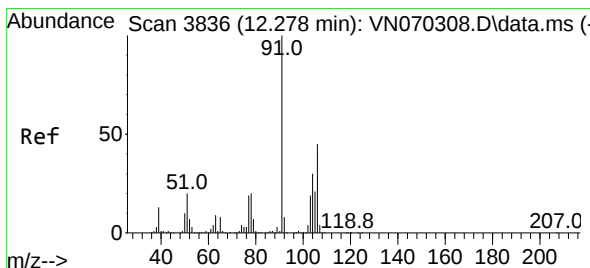
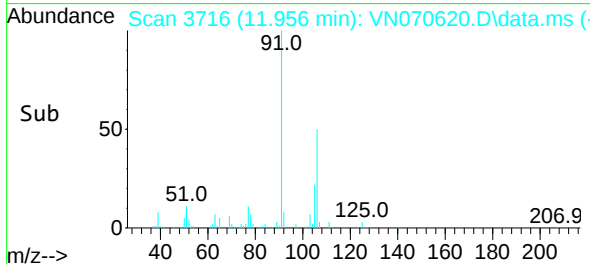
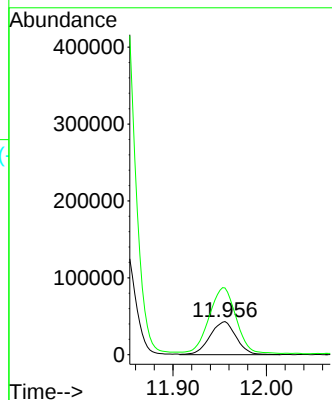
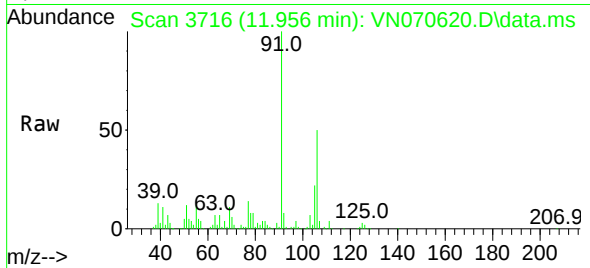




#68
m/p-Xylenes
Concen: 5.405 ug/l
RT: 11.956 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

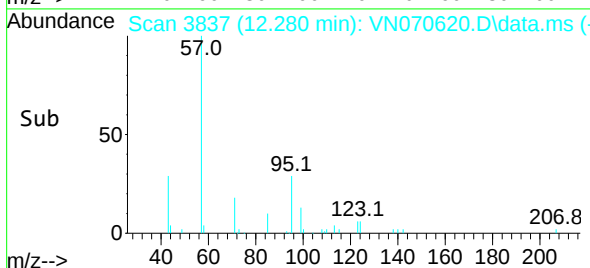
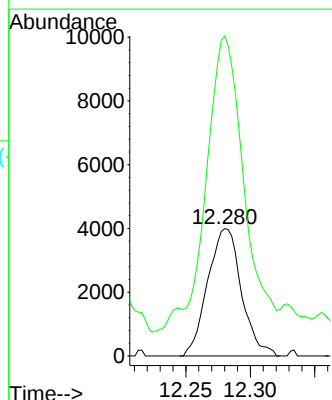
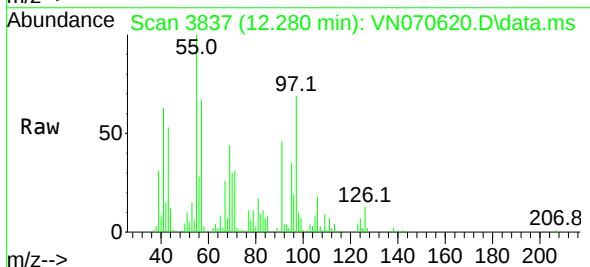
Instrument :
MSVOA_N
ClientSampleId :

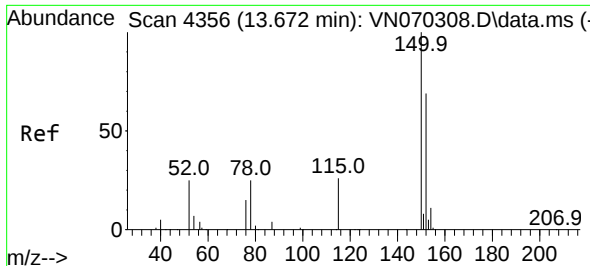
Tgt Ion:106 Resp: 83628
Ion Ratio Lower Upper
106 100
91 204.8 160.6 240.8



#69
o-Xylene
Concen: 0.473 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion:106 Resp: 7278
Ion Ratio Lower Upper
106 100
91 256.7 105.8 317.3

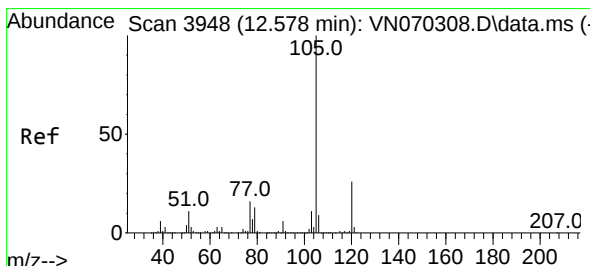
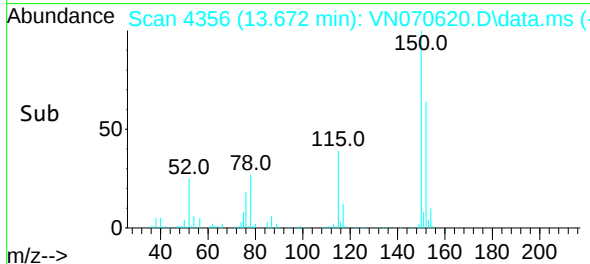
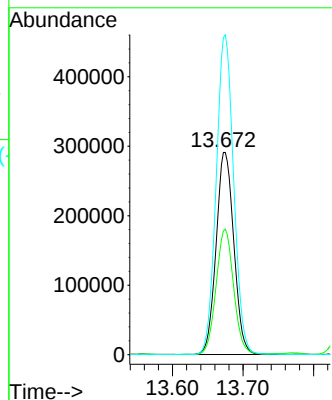
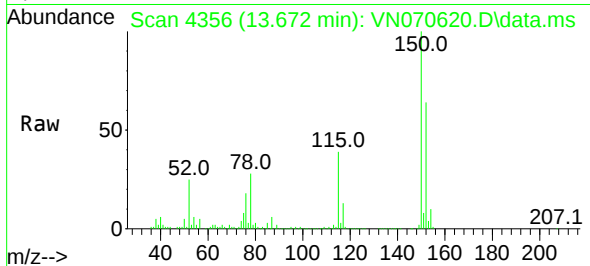




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

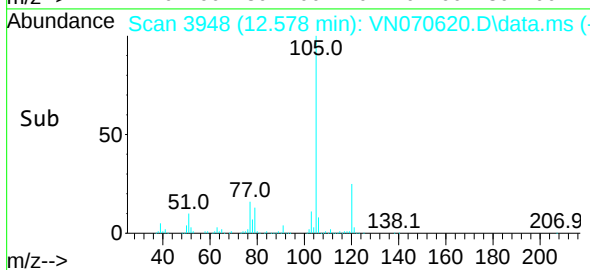
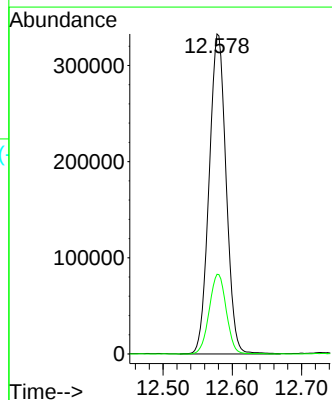
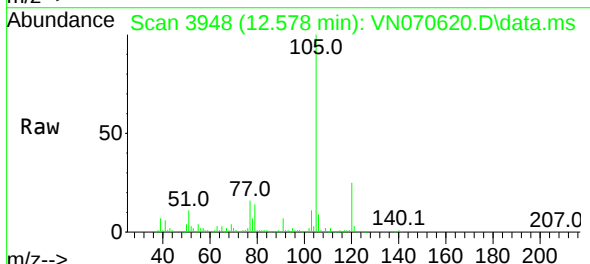
Instrument :
MSVOA_N
ClientSampleId :

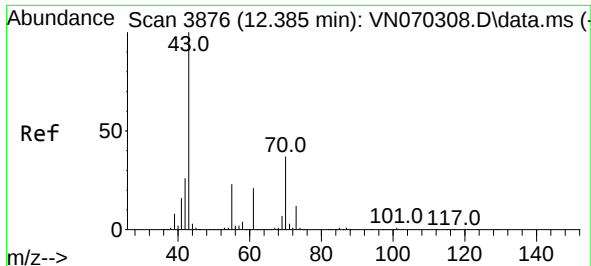
Tgt Ion:152 Resp: 508209
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 156.1 0.0 344.4



#73
Isopropylbenzene
Concen: 12.009 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

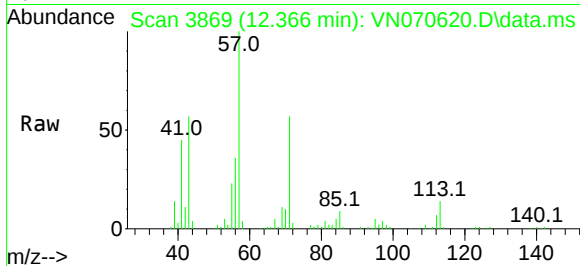
Tgt Ion:105 Resp: 566780
Ion Ratio Lower Upper
105 100
120 24.9 13.4 40.1



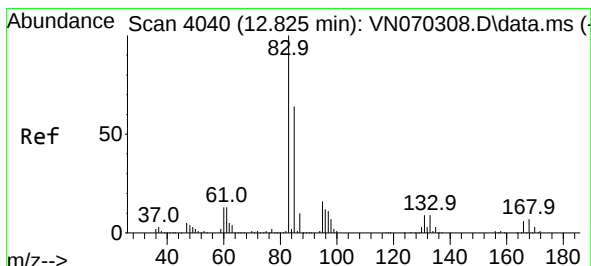
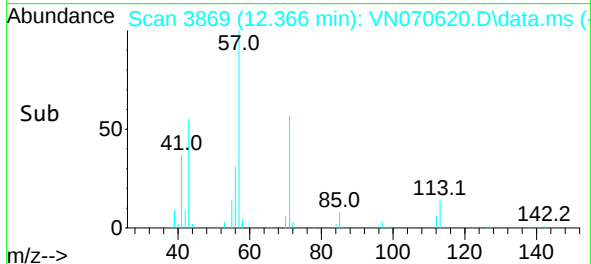
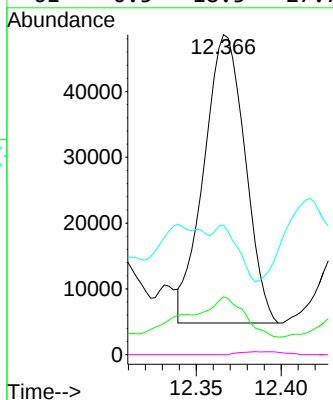


#74
N-amy1 acetate
Concen: 3.726 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.019 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

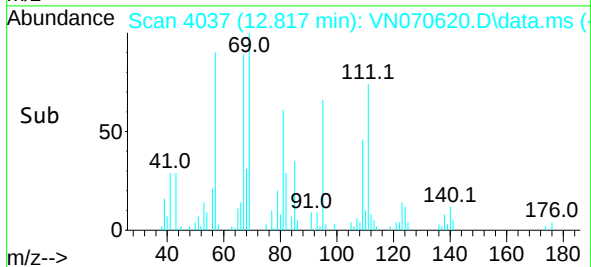
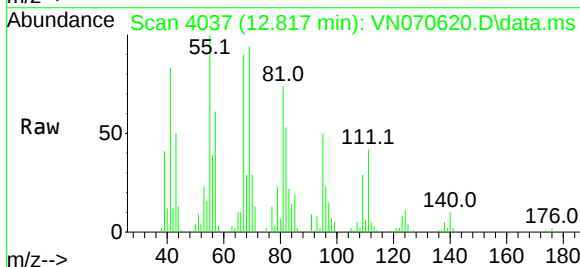
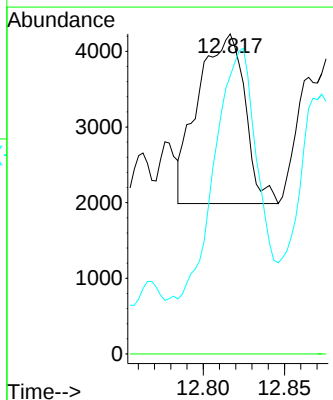


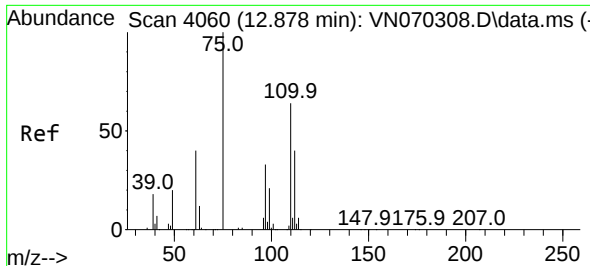
Tgt Ion: 43	Resp: 73943
Ion Ratio	Lower Upper
43 100	
70 19.0	33.4 50.0#
55 0.0	19.3 28.9#
61 0.5	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.706 ug/l
RT: 12.817 min Scan# 4037
Delta R.T. -0.008 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 83	Resp: 4487
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 131.8	32.4 97.2#

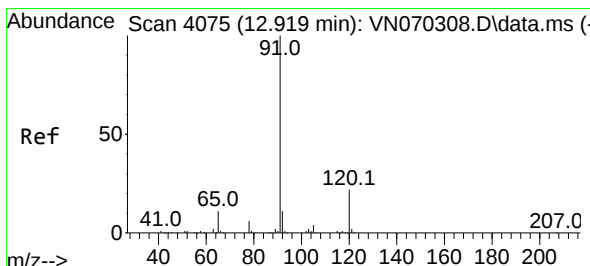
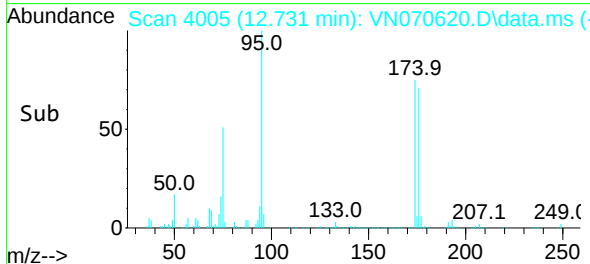
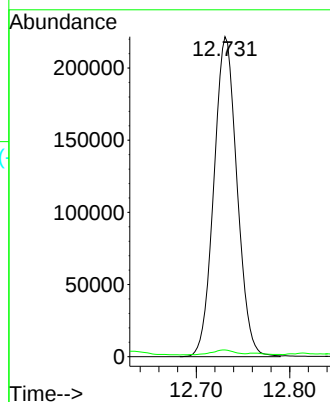
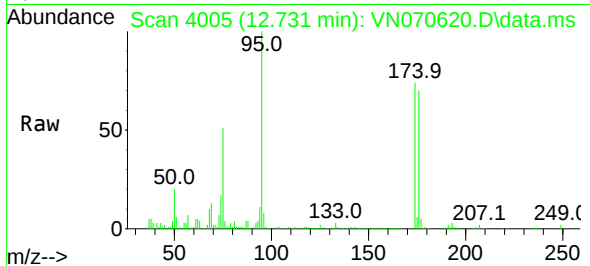




#76
1,2,3-Trichloropropane
Concen: 26.761 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

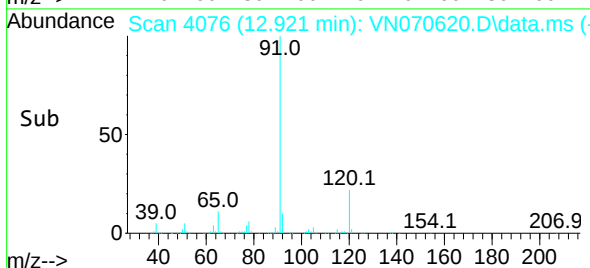
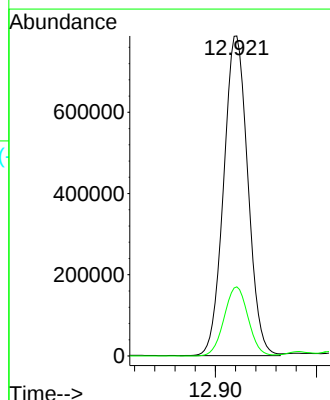
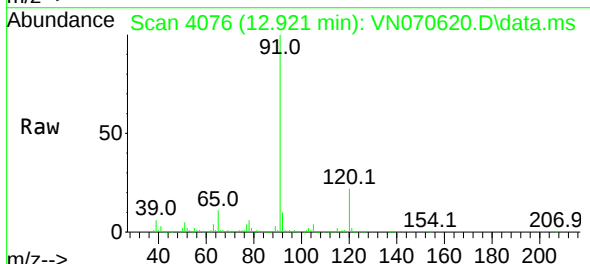
Instrument :
MSVOA_N
ClientSampleId :

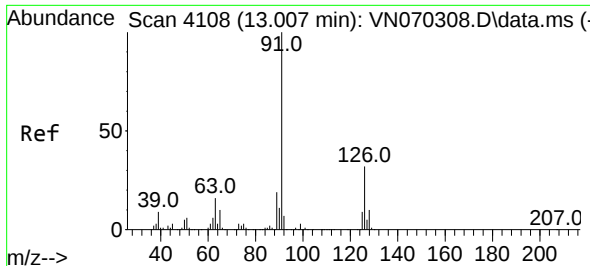
Tgt Ion: 75 Resp: 382410
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



#78
n-propylbenzene
Concen: 24.989 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 91 Resp: 1306670
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

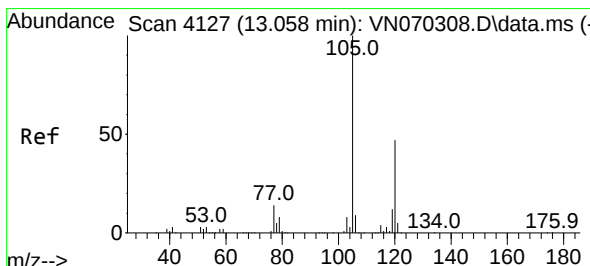
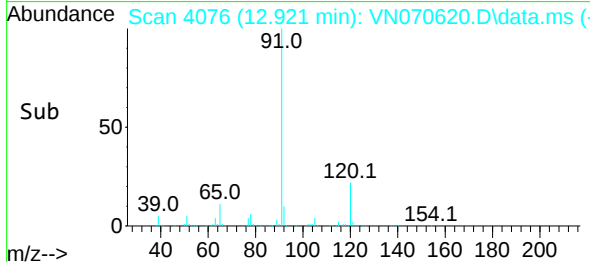
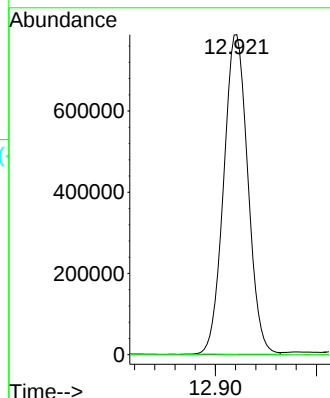
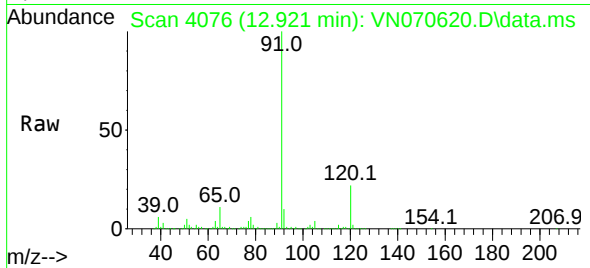




#79
2-Chlorotoluene
Concen: 38.945 ug/l
RT: 12.921 min Scan# 4108
Delta R.T. -0.086 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

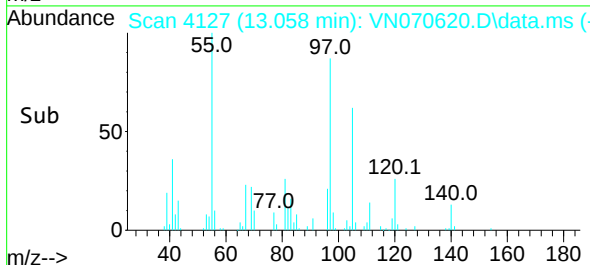
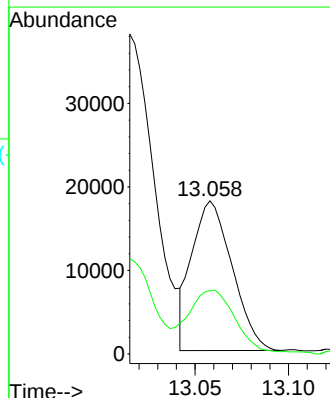
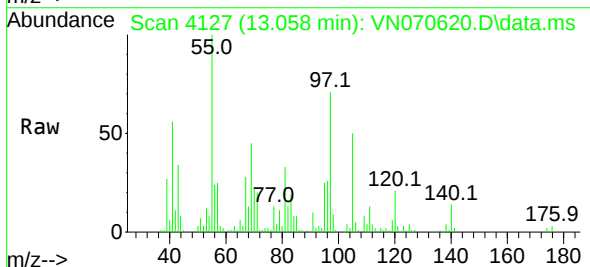
Instrument :
MSVOA_N
ClientSampleId :

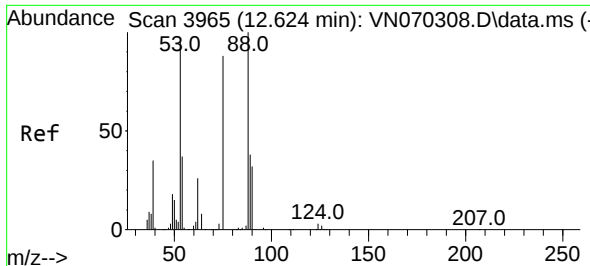
Tgt Ion: 91 Resp: 1306670
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.709 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 105 Resp: 26819
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.6

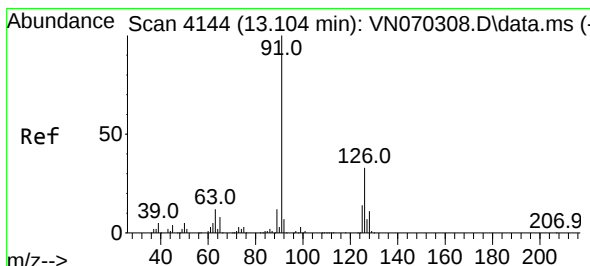
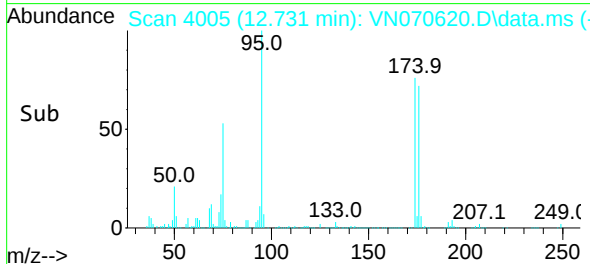
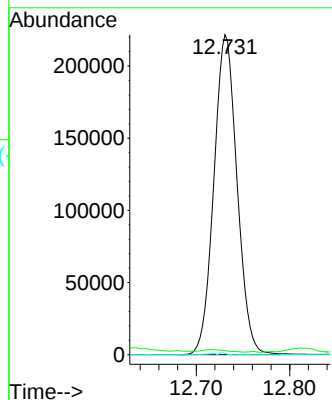
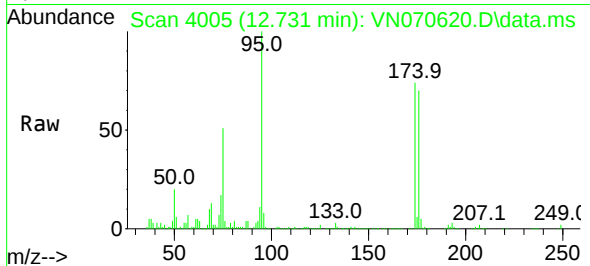




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.934 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

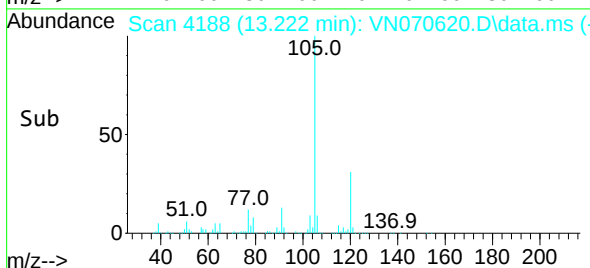
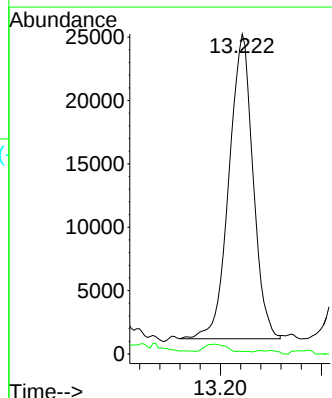
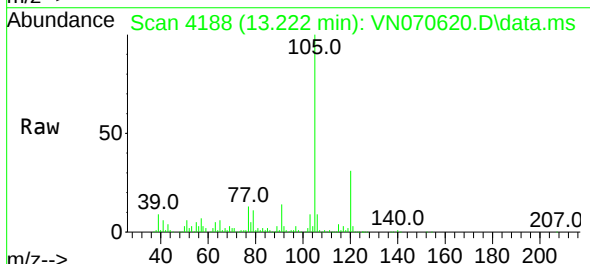
Instrument :
 MSVOA_N
 ClientSampleId :

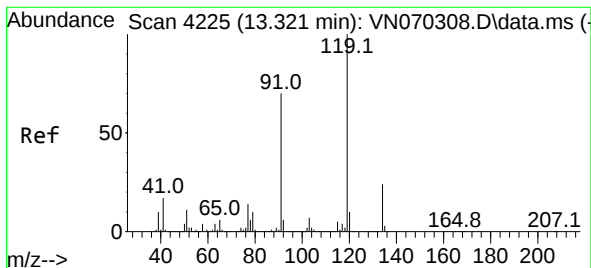
Tgt Ion: 75 Resp: 382410
 Ion Ratio Lower Upper
 75 100
 53 0.8 90.5 135.7#
 89 0.3 38.2 57.4#



#82
 4-Chlorotoluene
 Concen: 1.263 ug/l
 RT: 13.222 min Scan# 4188
 Delta R.T. 0.118 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

Tgt Ion: 91 Resp: 39688
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.2 54.6#





#83

tert-Butylbenzene

Concen: 0.386 ug/l

RT: 13.323 min Scan# 41

Delta R.T. 0.002 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

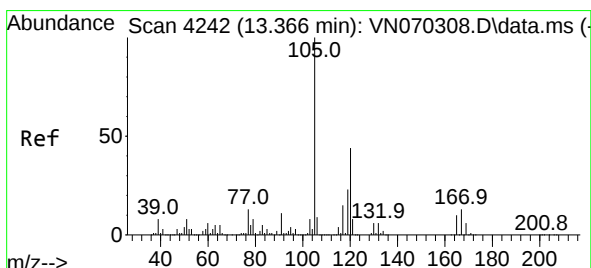
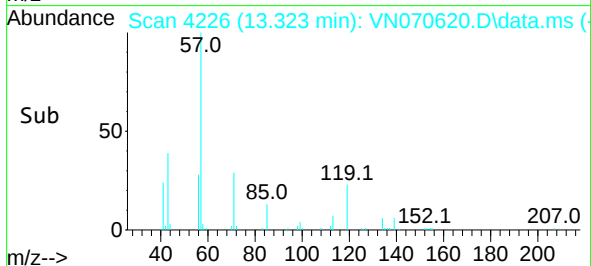
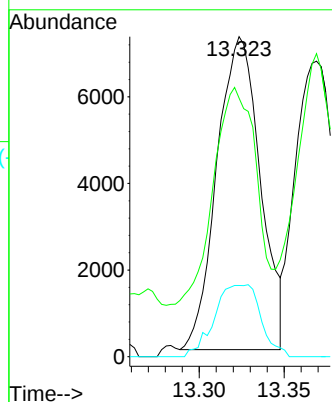
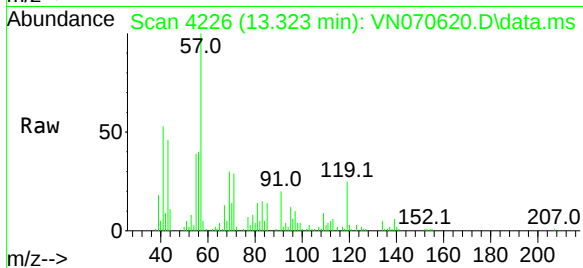
Tgt Ion:119 Resp: 12861

Ion Ratio Lower Upper

119 100

91 67.8 31.5 94.5

134 24.3 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 2.593 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. 0.000 min

Lab File: VN070620.D

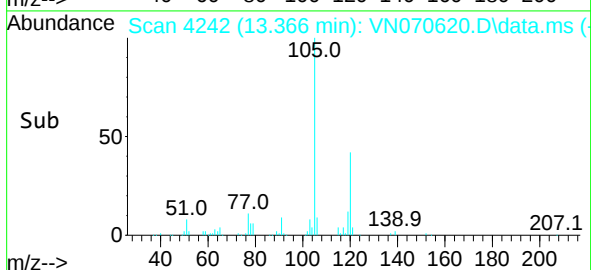
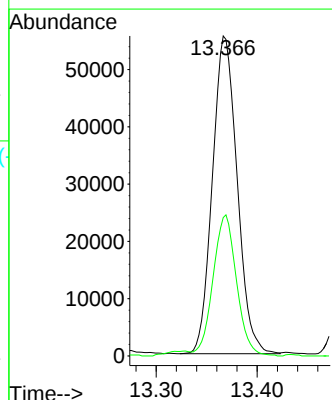
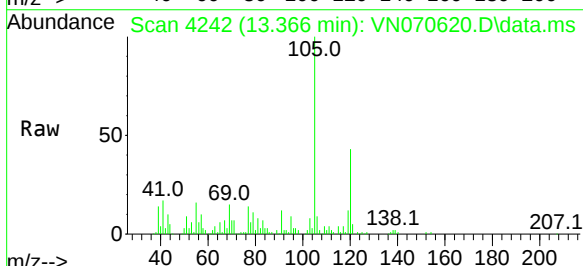
Acq: 14 Jan 2022 13:47

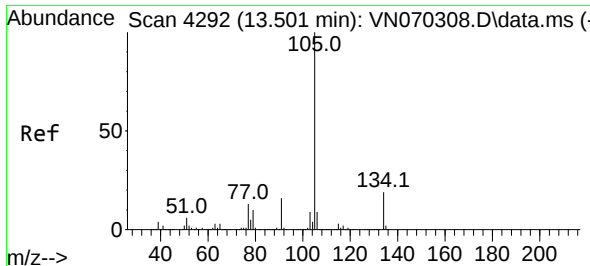
Tgt Ion:105 Resp: 94425

Ion Ratio Lower Upper

105 100

120 42.2 22.8 68.4

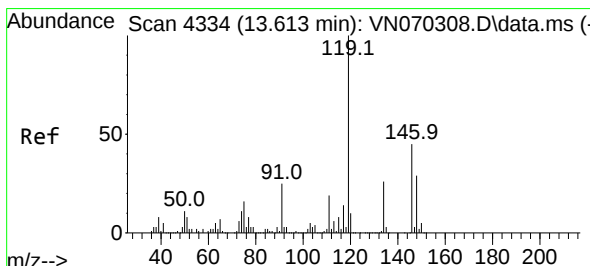
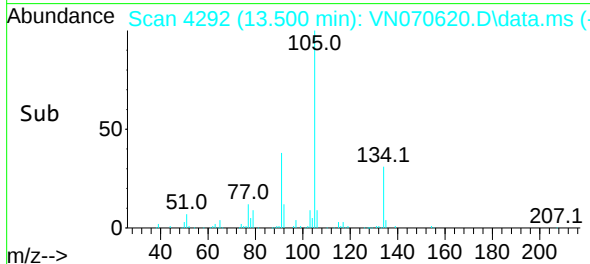
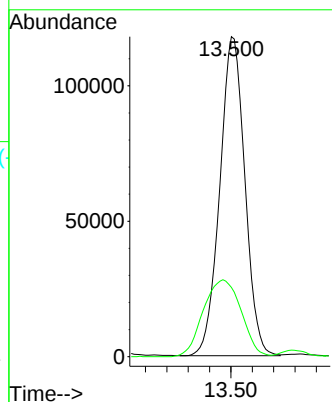
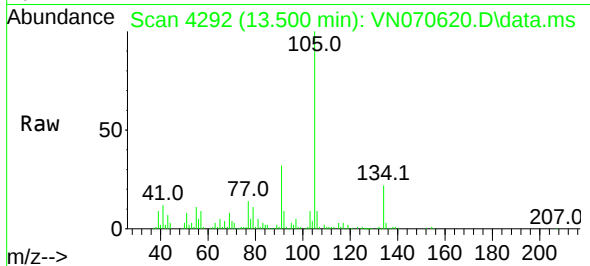




#85
 sec-Butylbenzene
 Concen: 4.249 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

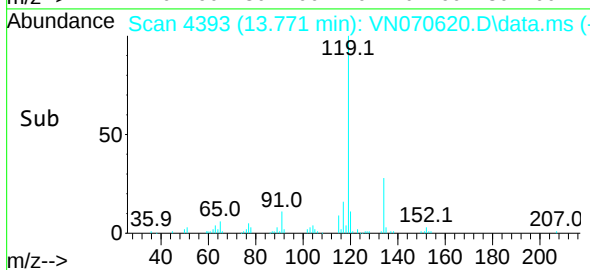
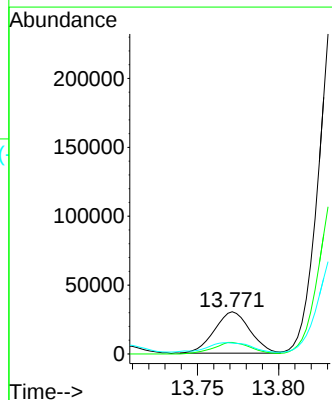
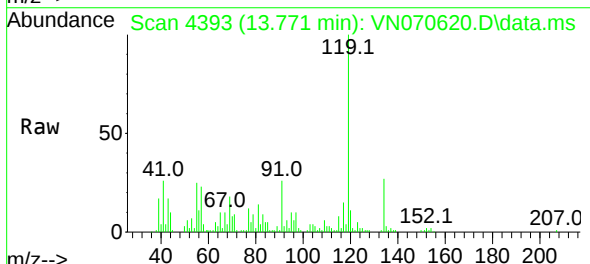
Instrument :
 MSVOA_N
 ClientSampleId :

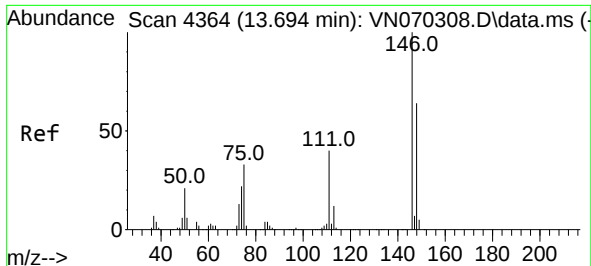
Tgt Ion:105 Resp: 192110
 Ion Ratio Lower Upper
 105 100
 134 36.4 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.298 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.158 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

Tgt Ion:119 Resp: 46113
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.6 40.7
 91 27.3 11.4 34.1

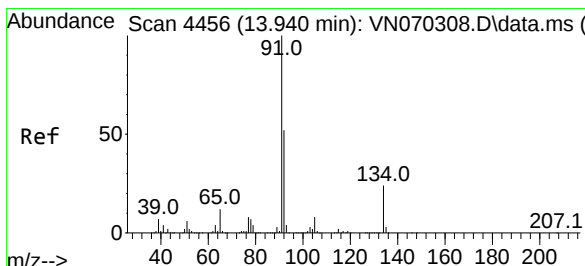
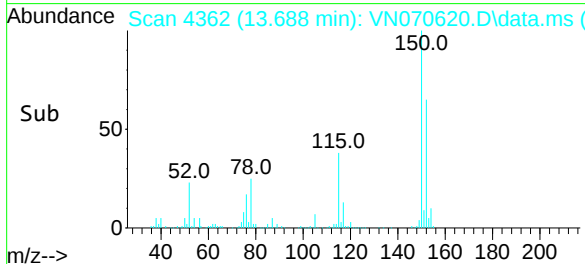
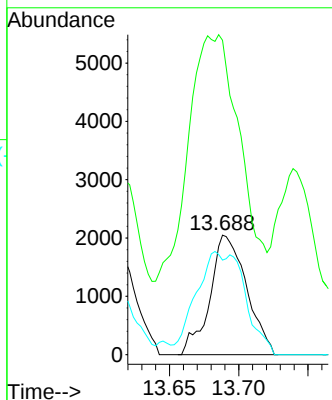
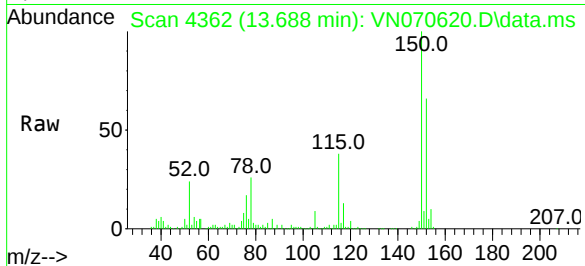




#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.688 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

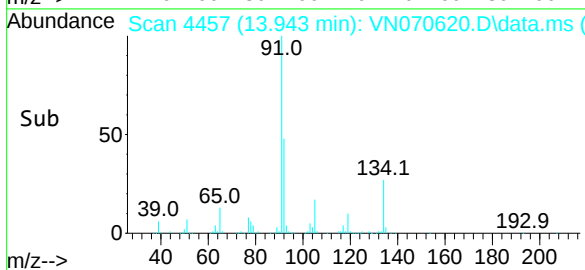
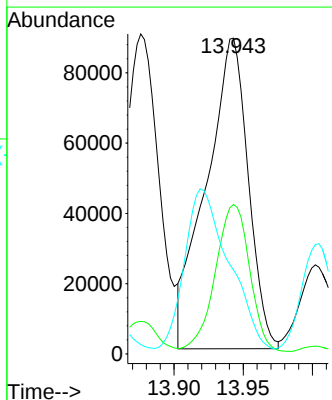
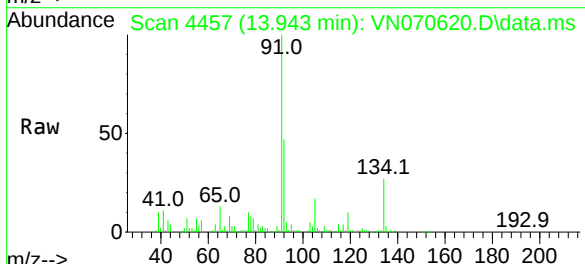
Instrument :
MSVOA_N
ClientSampleId :

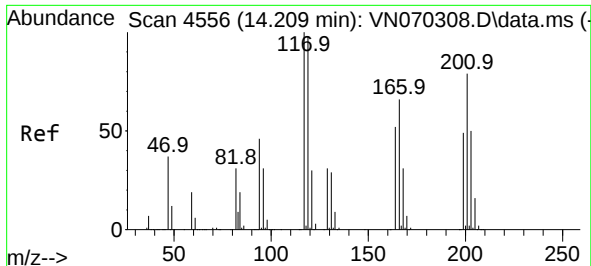
Tgt Ion:146 Resp: 3776
Ion Ratio Lower Upper
146 100
111 282.6 18.3 54.8#
148 53.8 31.8 95.4



#89
n-Butylbenzene
Concen: 6.296 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 91 Resp: 186516
Ion Ratio Lower Upper
91 100
92 38.8 25.4 76.0
134 0.0 13.6 40.8#

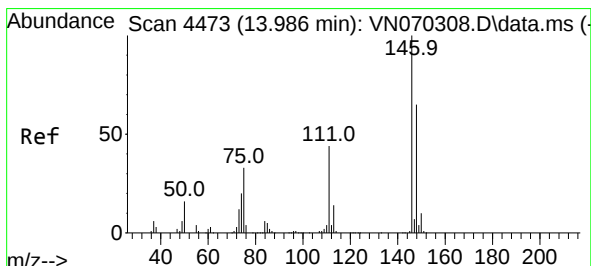
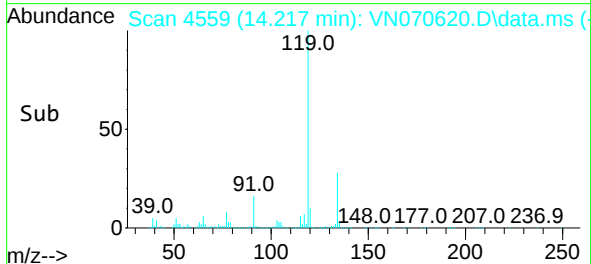
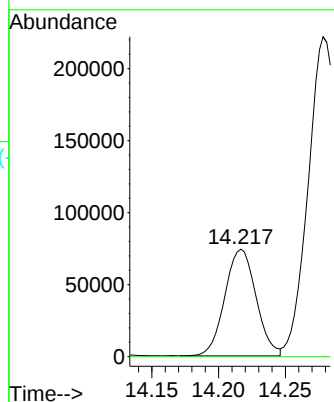
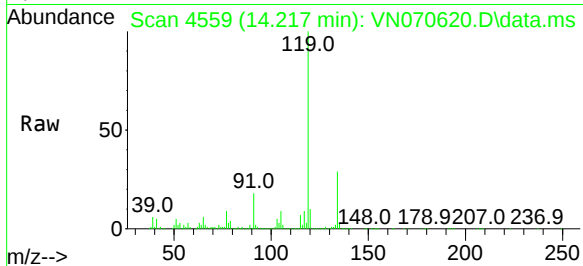




#90
Hexachloroethane
Concen: 19.584 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

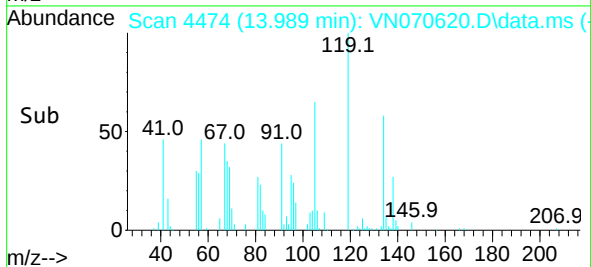
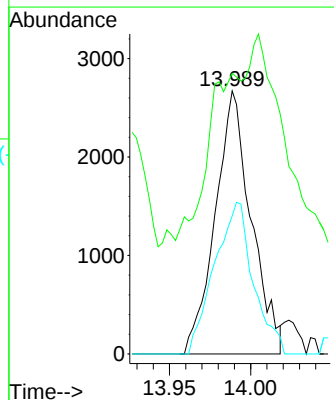
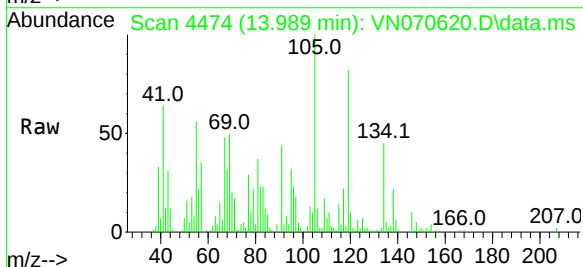
Instrument :
MSVOA_N
ClientSampleId :

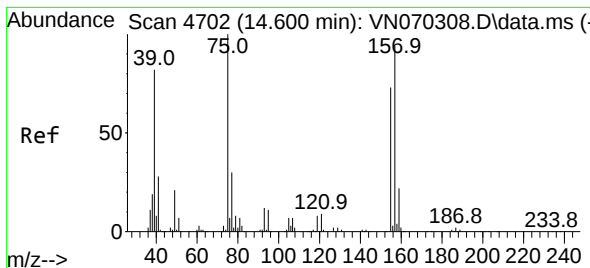
Tgt Ion:117 Resp: 120834
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.231 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion:146 Resp: 4108
Ion Ratio Lower Upper
146 100
111 32.2 19.1 57.3
148 62.0 32.1 96.3

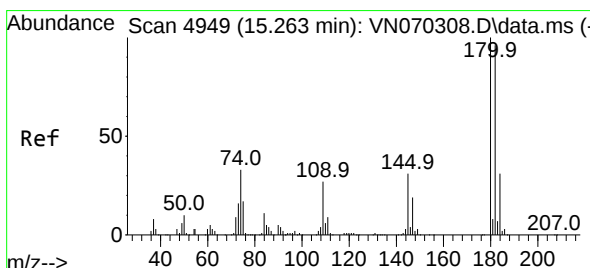
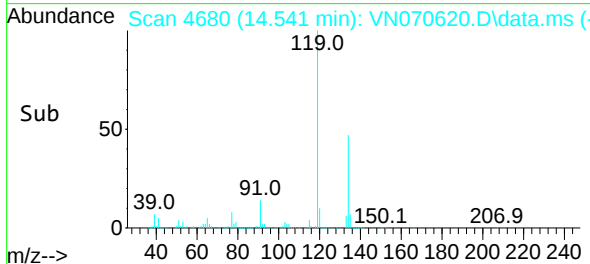
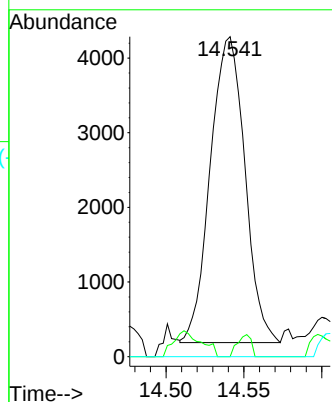
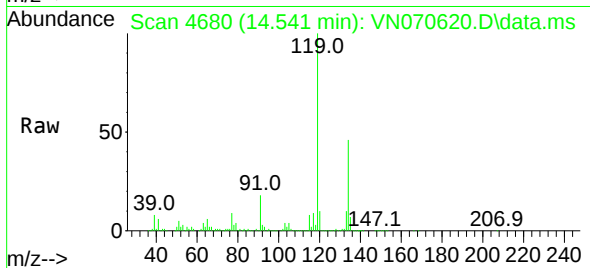




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.314 ug/l
 RT: 14.541 min Scan# 41
 Delta R.T. -0.059 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

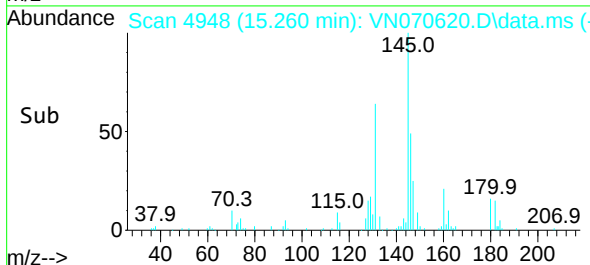
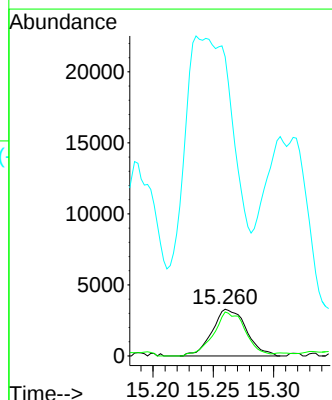
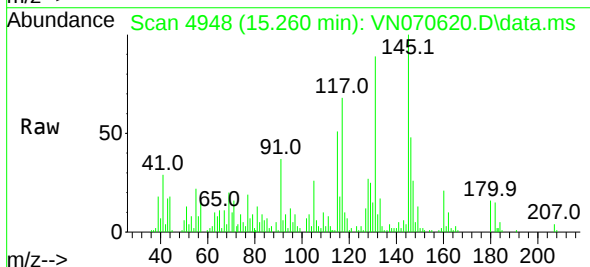
Instrument :
 MSVOA_N
 ClientSampleId :

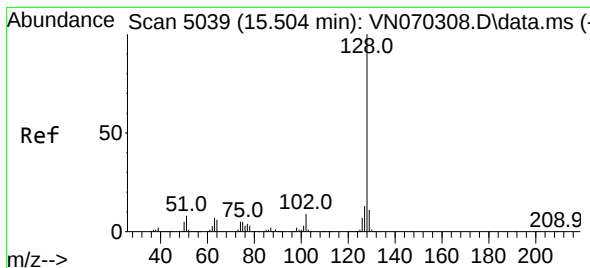
Tgt Ion: 75 Resp: 6326
 Ion Ratio Lower Upper
 75 100
 155 2.9 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.776 ug/l
 RT: 15.260 min Scan# 4948
 Delta R.T. -0.003 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

Tgt Ion:180 Resp: 6500
 Ion Ratio Lower Upper
 180 100
 182 88.0 48.3 144.9
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 12.715 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

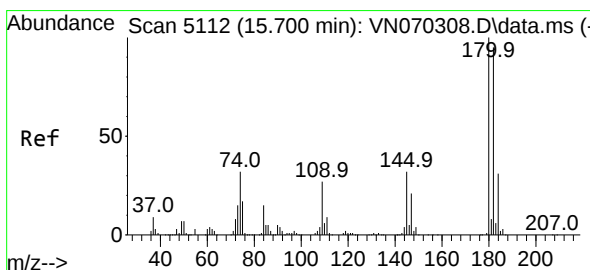
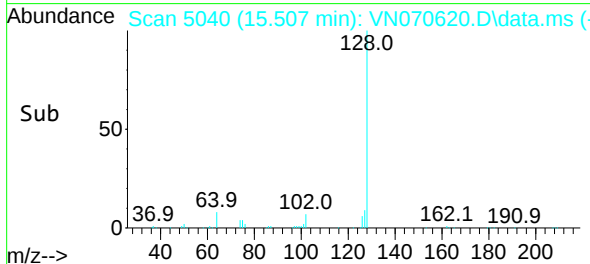
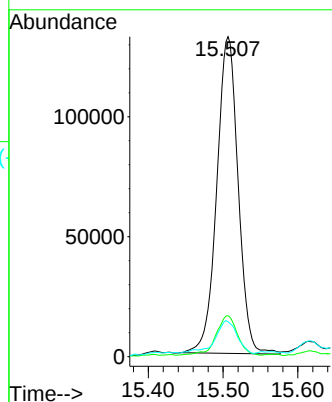
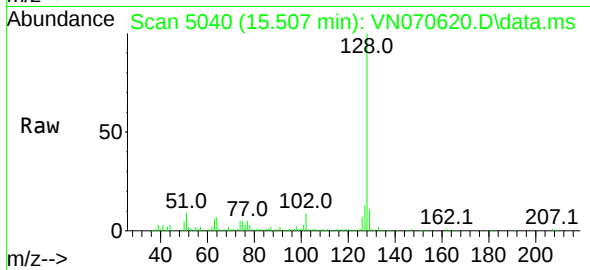
Tgt Ion:128 Resp: 262248

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 9.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.701 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070620.D

Acq: 14 Jan 2022 13:47

Tgt Ion:180 Resp: 7129

Ion Ratio Lower Upper

180 100

182 101.5 47.4 142.2

145 0.0 15.0 45.1#

