

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072792.D
 Acq On : 11 Jun 2022 16:55
 Operator : JC\MD
 Sample : N3283-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 13 01:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	33395	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	199446	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	172376	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	125105	32.848	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.500%	
60) 4-Bromofluorobenzene	12.727	95	97592	27.527	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.767%	
63) Toluene-d8	10.439	98	297479	31.153	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.833%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	642	0.236	ug/l	91
4) Vinyl Chloride	2.434	62	1083	0.442	ug/l	# 77
8) Diethyl Ether	3.822	74	3526	2.051	ug/l	77
13) Acrolein	4.322	56	1307	3.280	ug/l	# 19
15) Acetone	4.275	58	43456	86.495	ug/l	84
16) Carbon Disulfide	4.528	76	2285	0.411	ug/l	# 73
17) Allyl chloride	4.563	41	1133	0.238	ug/l	72
23) tert-Butyl Alcohol	5.357	59	1911606	2213.756	ug/l	# 100
24) Methyl tert-Butyl Ether	5.610	73	17884	1.823	ug/l	95
30) 2-Butanone	7.328	43	388321	141.133	ug/l	# 87
31) 2,2-Dichloropropane	7.310	77	129152	25.096	ug/l	# 53
34) Benzene	8.451	78	39195	3.485	ug/l	# 47
35) Methacrylonitrile	7.681	41	286756	106.289	ug/l	# 45
45) 1,4-Dioxane	9.569	88	5854	81.464	ug/l	# 78
50) 1,1,2-Trichloroethane	10.804	97	642	0.214	ug/l	# 28
56) Bromoform	12.727	173	853	0.370	ug/l	# 1
58) 4-Methyl-2-Pentanone	10.322	43	15783	3.053	ug/l	# 87
62) Toluene	10.504	91	34712	2.970	ug/l	96
64) Chlorobenzene	11.769	112	13268	1.865	ug/l	95
66) Ethyl Benzene	11.839	91	101719	7.580	ug/l	98
67) m/p-Xylenes	11.951	106	32446	6.629	ug/l	85
68) o-Xylene	12.274	106	21203	4.246	ug/l	94
69) Styrene	12.286	104	3857	0.487	ug/l	# 9
70) Isopropylbenzene	12.574	105	11726	0.899	ug/l	97
74) n-propylbenzene	12.916	91	5612	0.376	ug/l	96
75) 2-Chlorotoluene	13.010	91	2282	0.247	ug/l	97
76) 1,3,5-Trimethylbenzene	13.051	105	6611	0.617	ug/l	100
78) 4-Chlorotoluene	13.010	91	2282	0.261	ug/l	96
79) tert-butylbenzene	13.616	119	10882	1.138	ug/l	66
82) p-Isopropyltoluene	13.616	119	10882	1.056	ug/l	93
83) 1,3-Dichlorobenzene	13.692	146	14464	3.115	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	14464	3.208	ug/l	96
87) 1,2-Dichlorobenzene	13.692	146	14464	3.148	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	240	0.217	ug/l	# 5
89) 1,2,4-Trichlorobenzene	15.257	180	1110	0.479	ug/l	# 78
91) Naphthalene	15.504	128	208696	22.587	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	1477	0.627	ug/l	79

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Instrument :
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Quant Time: Jun 13 01:20:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

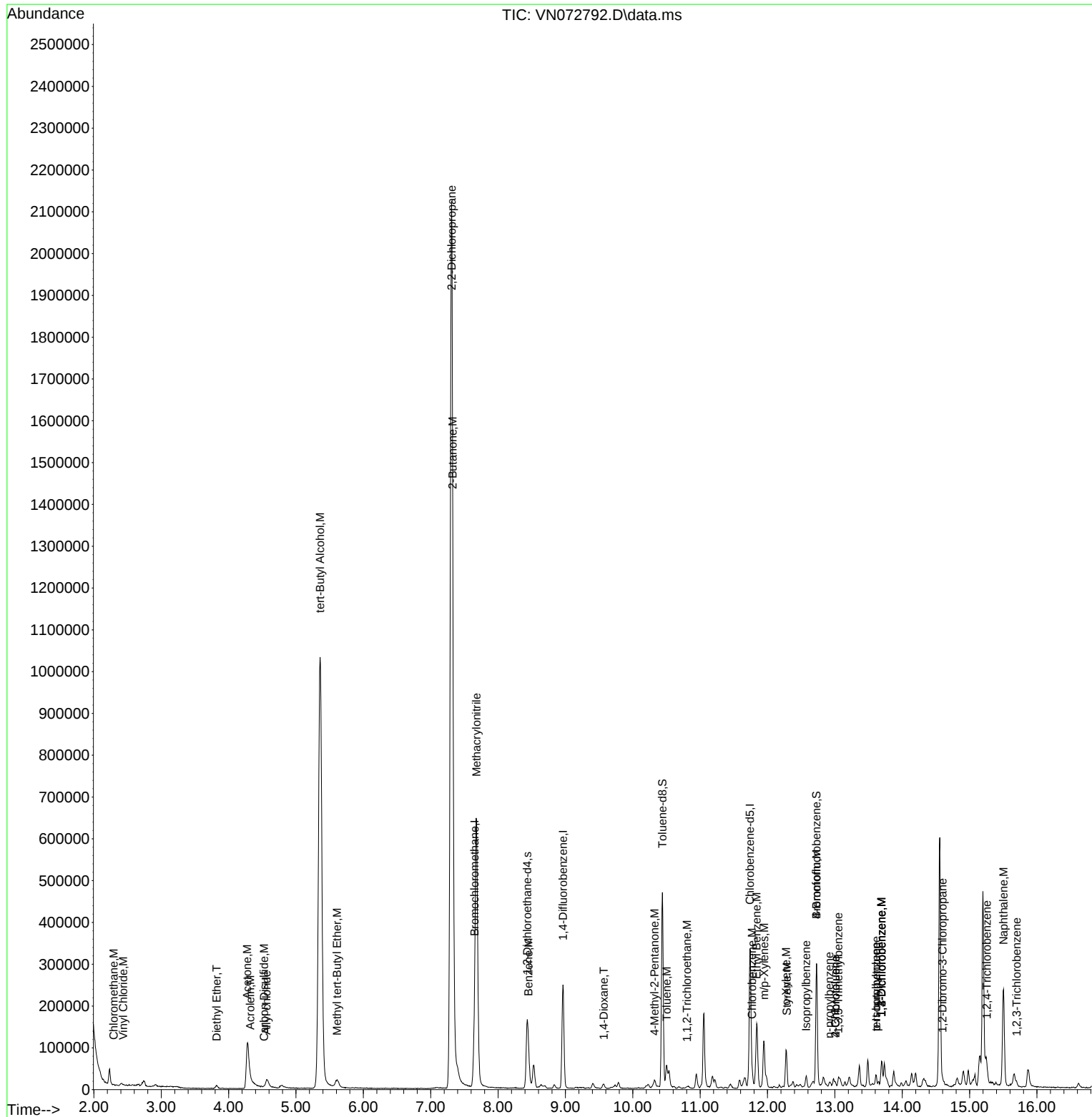
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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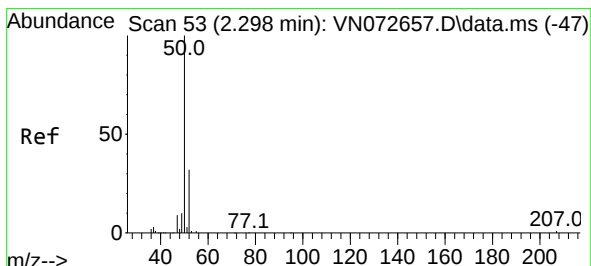
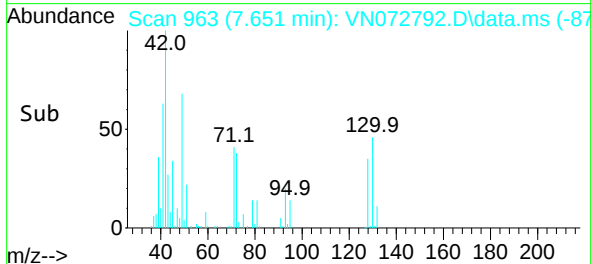
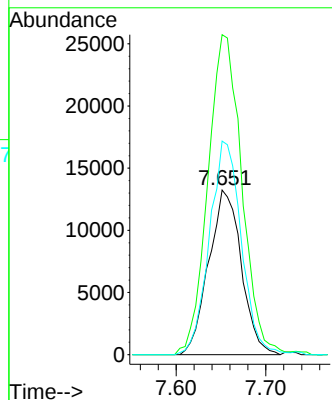
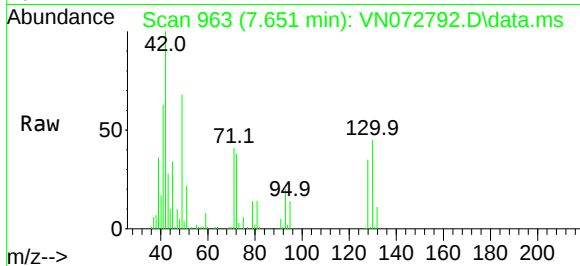




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

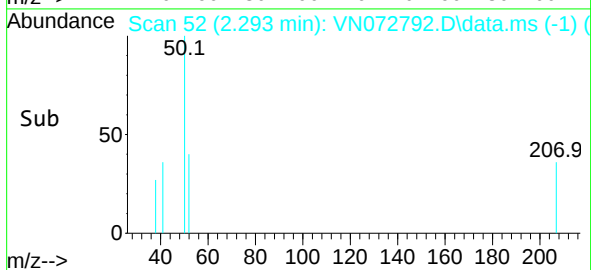
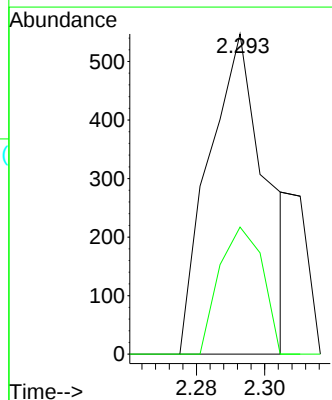
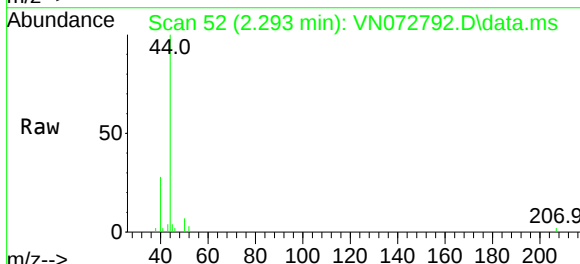
Instrument :
MSVOA_N
ClientSampleId :

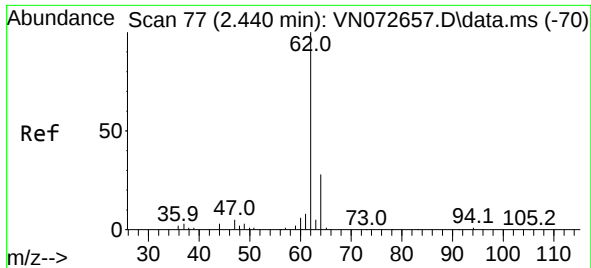
Tgt Ion:128 Resp: 33395
Ion Ratio Lower Upper
128 100
49 201.6 0.0 392.3
130 127.0 0.0 320.2



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 39.7 27.8 41.6

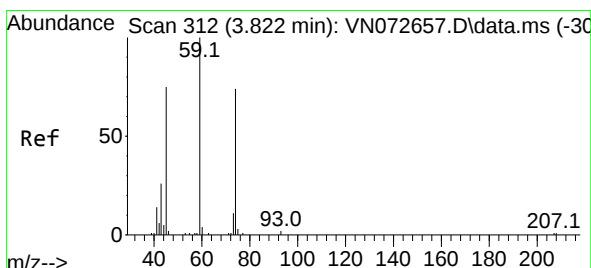
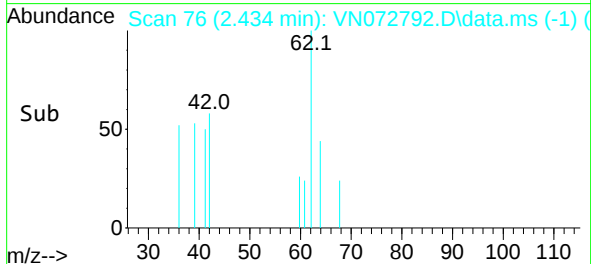
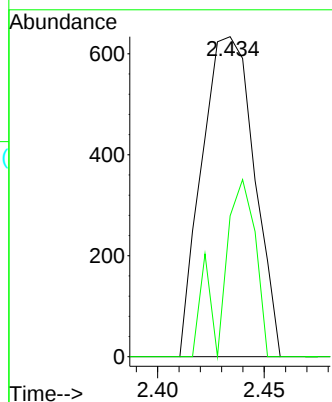
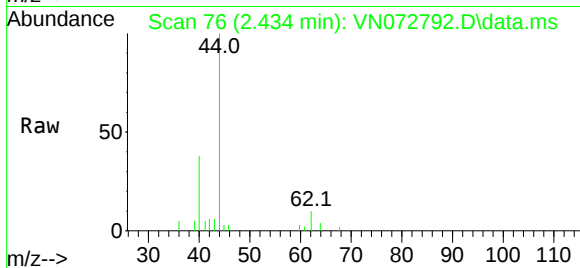




#4
 Vinyl Chloride
 Concen: 0.442 ug/l
 RT: 2.434 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

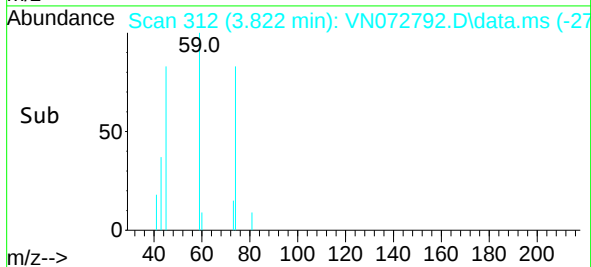
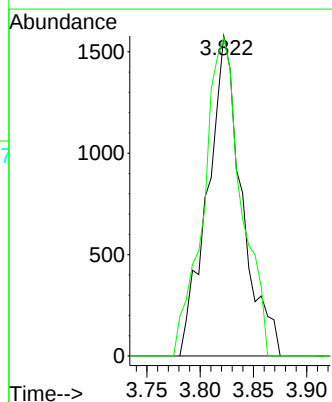
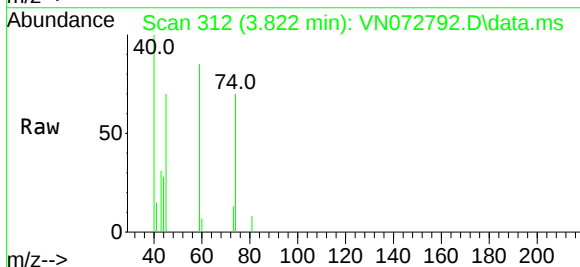
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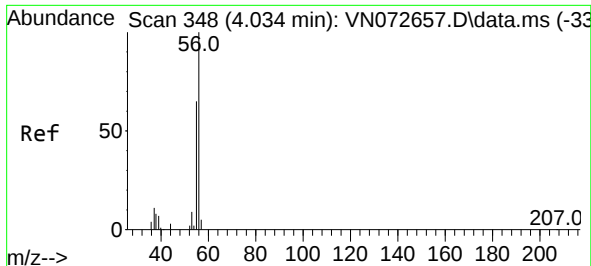
Tgt Ion: 62 Resp: 1083
 Ion Ratio Lower Upper
 62 100
 64 44.0 25.1 37.7#



#8
 Diethyl Ether
 Concen: 2.051 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

Tgt Ion: 74 Resp: 3526
 Ion Ratio Lower Upper
 74 100
 45 109.4 17.6 158.8

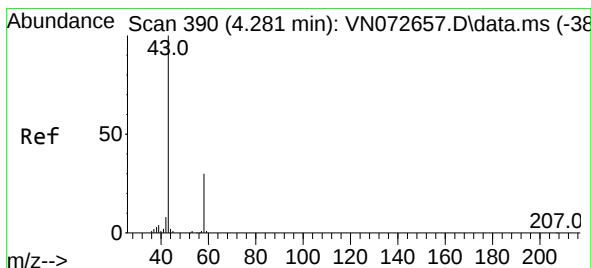
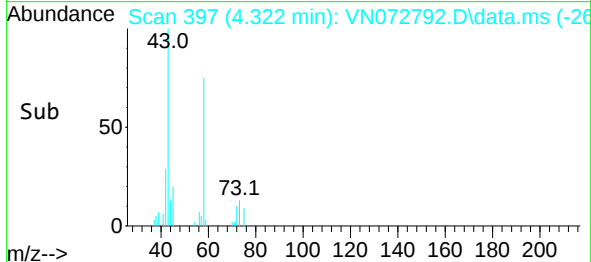
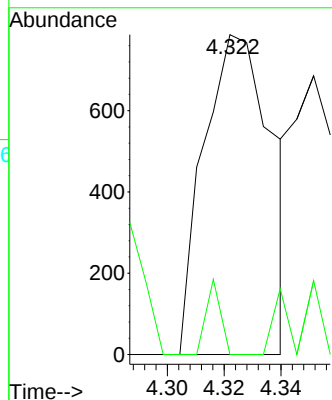
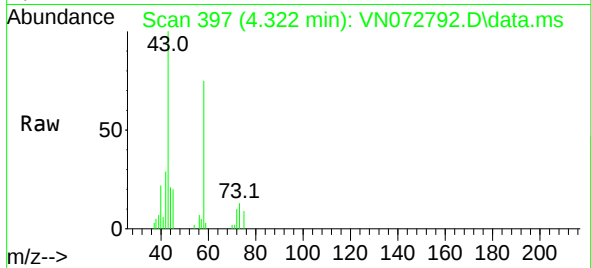




#13
Acrolein
Concen: 3.280 ug/l
RT: 4.322 min Scan# 397
Delta R.T. 0.288 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

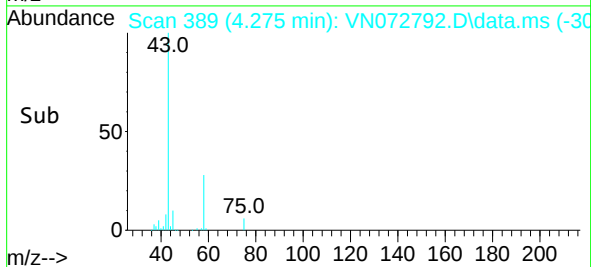
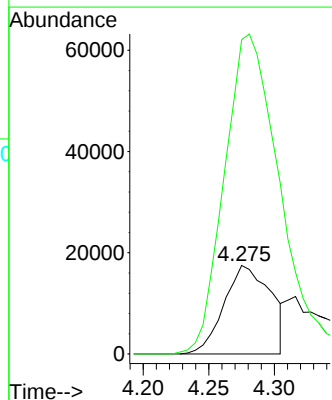
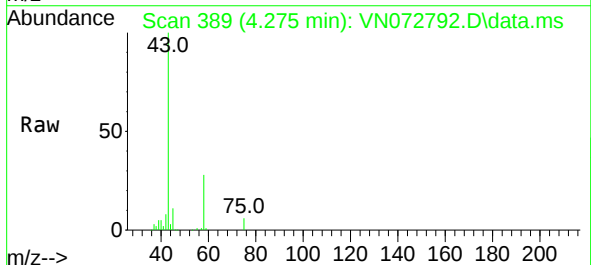
Instrument :
MSVOA_N
ClientSampleId :

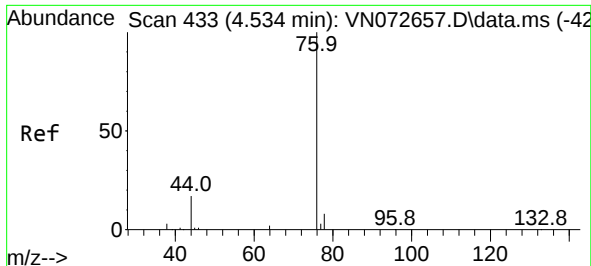
Tgt Ion: 56 Resp: 1307
Ion Ratio Lower Upper
56 100
55 4.4 57.6 86.4#



#15
Acetone
Concen: 86.495 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 58 Resp: 43456
Ion Ratio Lower Upper
58 100
43 352.9 256.6 384.8

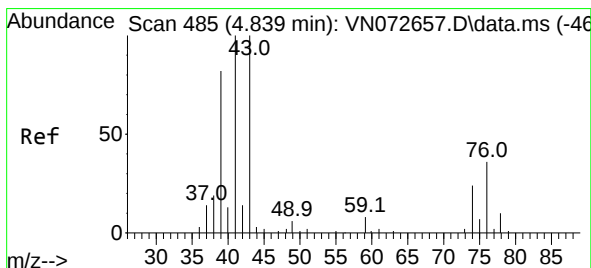
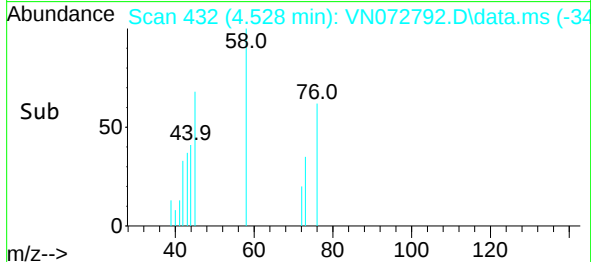
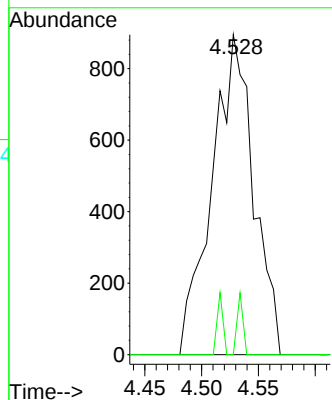
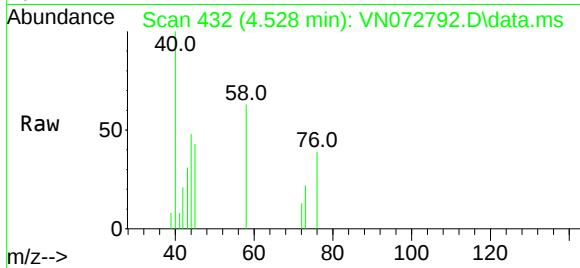




#16
Carbon Disulfide
Concen: 0.411 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

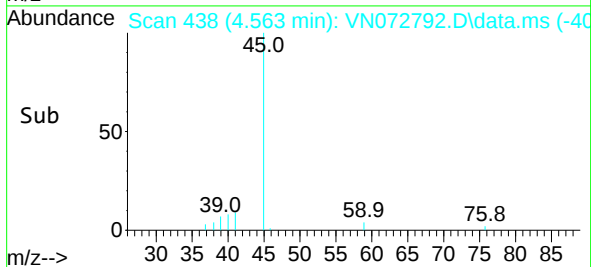
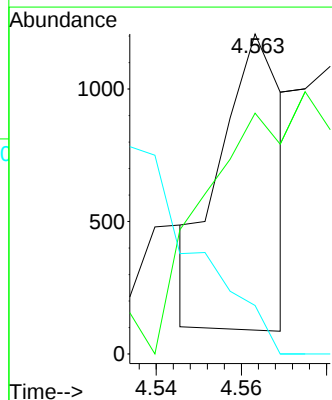
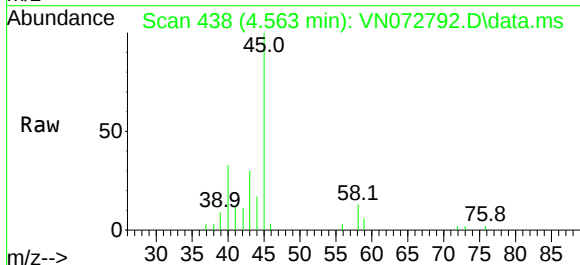
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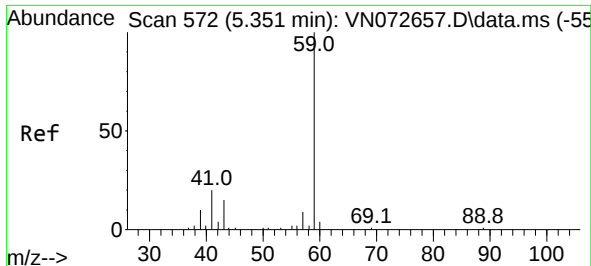
Tgt Ion: 76 Resp: 2285
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#17
Allyl chloride
Concen: 0.238 ug/l
RT: 4.563 min Scan# 438
Delta R.T. -0.276 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 41 Resp: 1133
Ion Ratio Lower Upper
41 100
39 61.0 44.6 134.0
76 25.4 19.6 58.7

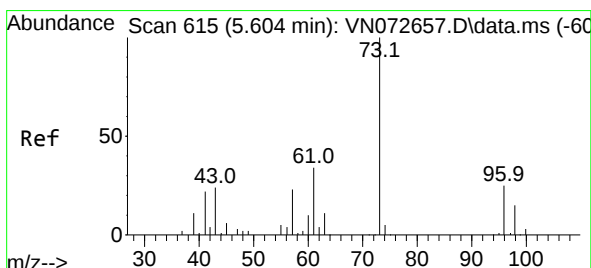
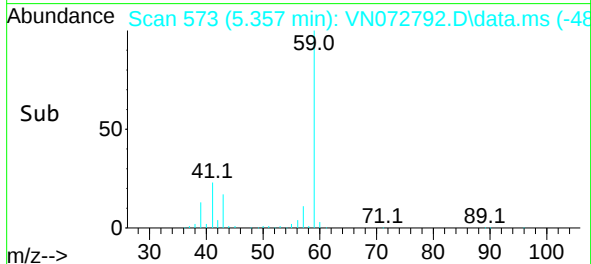
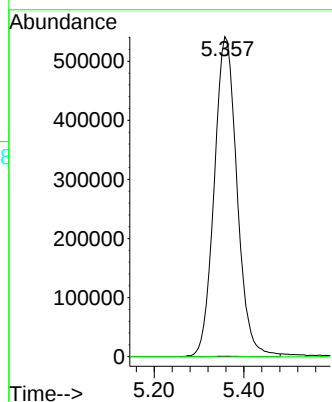
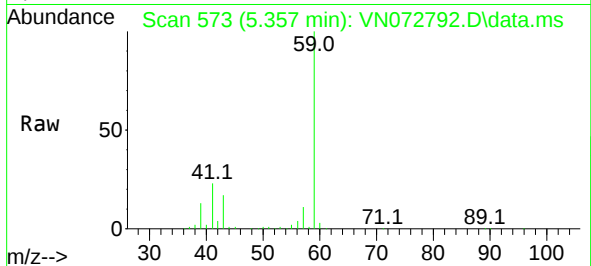




#23
tert-Butyl Alcohol
Concen: 2213.756 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

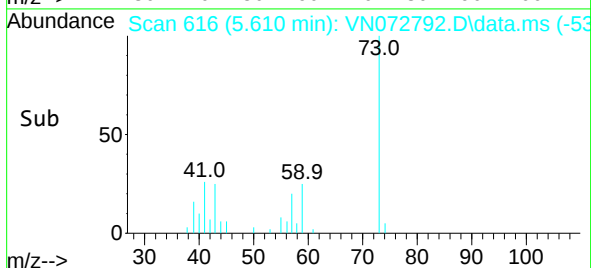
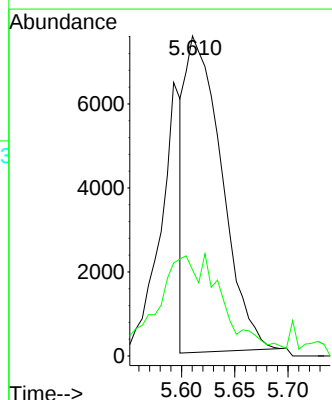
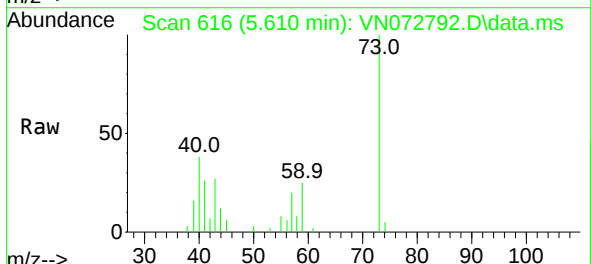
Instrument :
MSVOA_N
ClientSampleId :

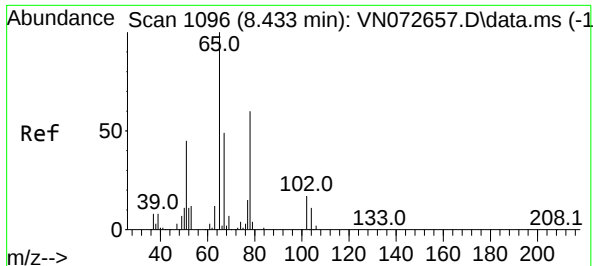
Tgt Ion: 59 Resp: 1911606
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 1.823 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 73 Resp: 17884
Ion Ratio Lower Upper
73 100
43 25.1 18.1 27.1





#27

1,2-Dichloroethane-d4

Concen: 32.848 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Instrument :

MSVOA_N

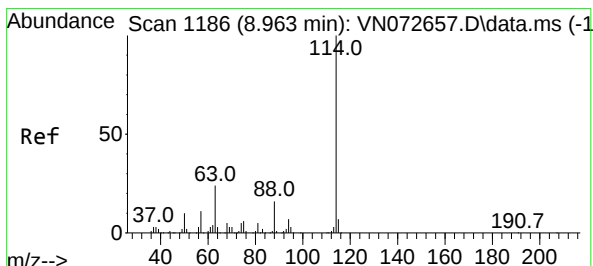
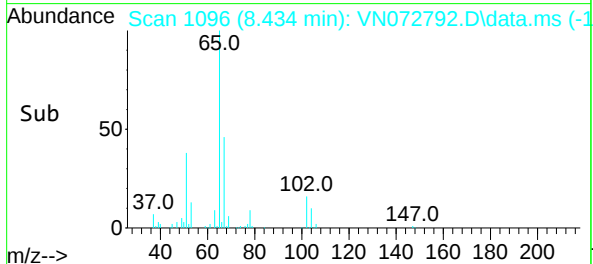
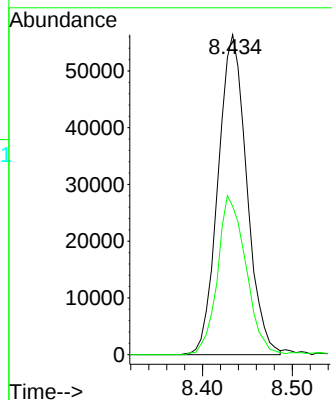
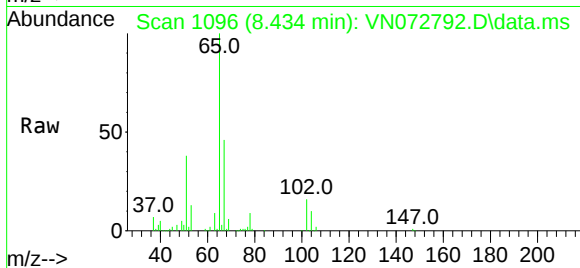
ClientSampleId :

Tgt Ion: 65 Resp: 125105

Ion Ratio Lower Upper

65 100

67 49.0 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

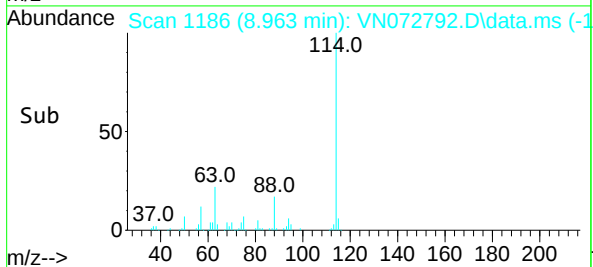
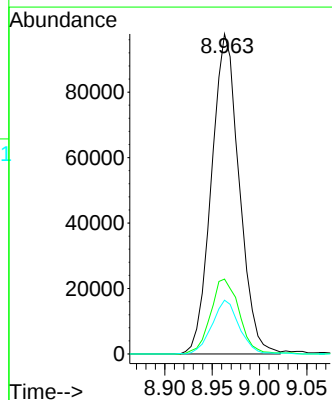
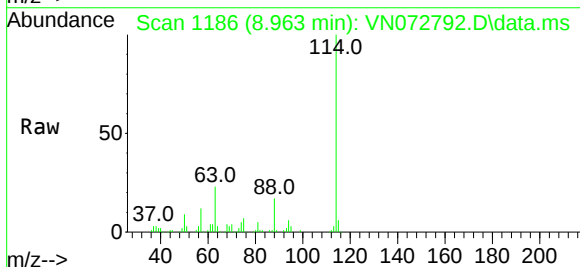
Tgt Ion: 114 Resp: 199446

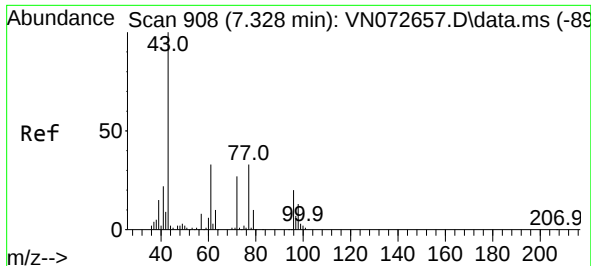
Ion Ratio Lower Upper

114 100

63 24.2 15.8 23.6

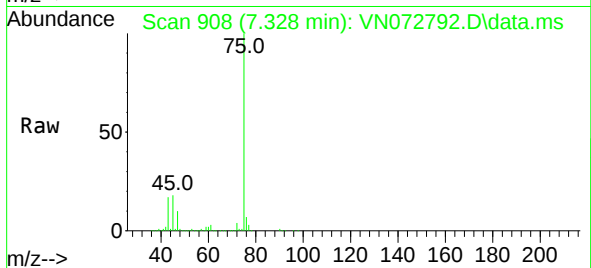
88 16.4 11.6 17.4



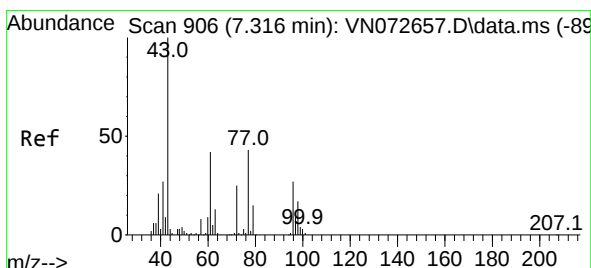
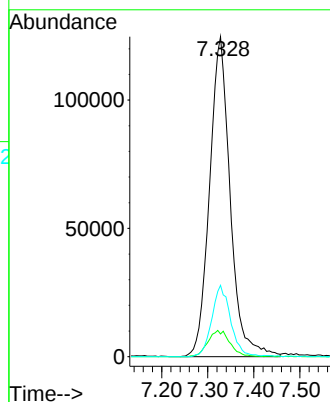
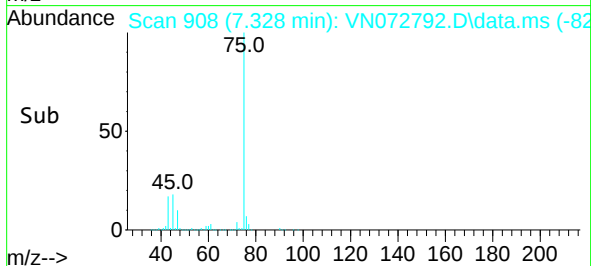


#30
2-Butanone
Concen: 141.133 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

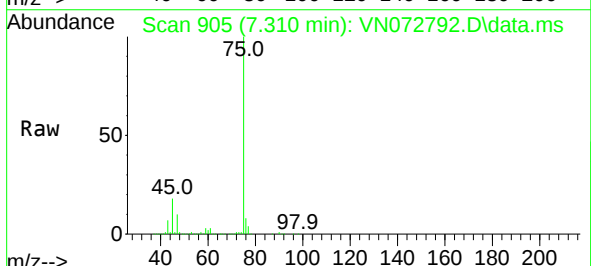
Instrument :
MSVOA_N
ClientSampleId :



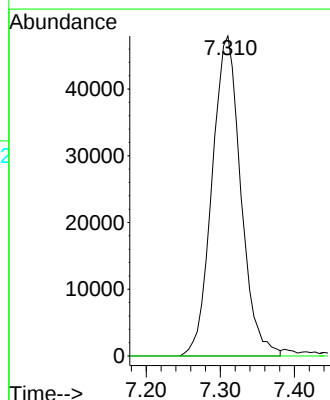
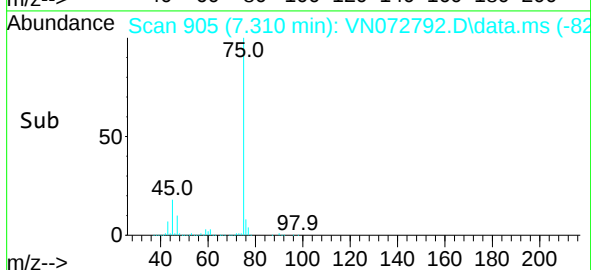
Tgt Ion: 43 Resp: 388321
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 20.2 23.2 34.8#

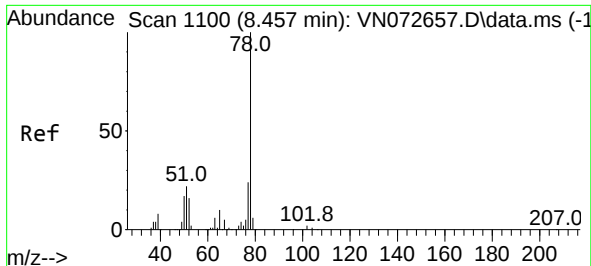


#31
2,2-Dichloropropane
Concen: 25.096 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55



Tgt Ion: 77 Resp: 129152
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#

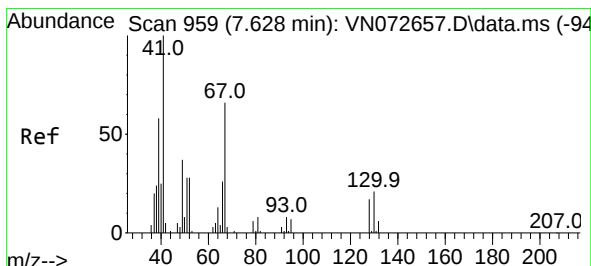
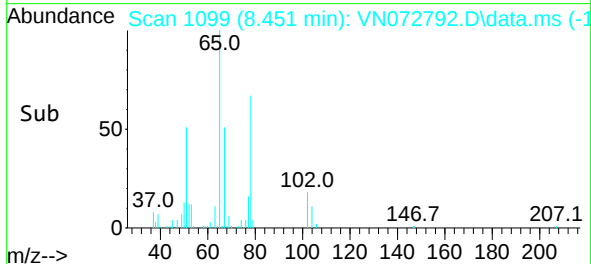
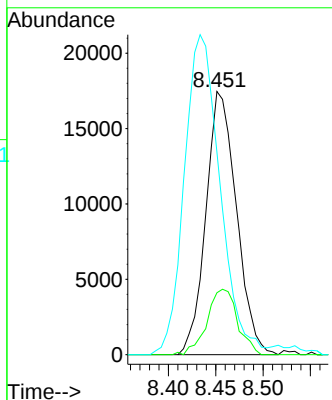
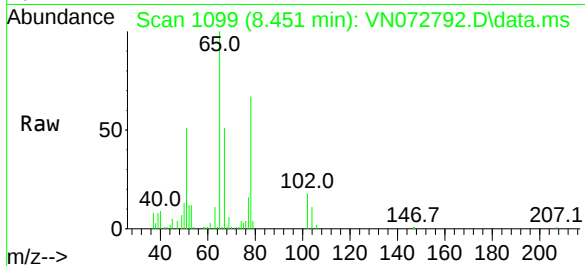




#34
Benzene
Concen: 3.485 ug/l
RT: 8.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

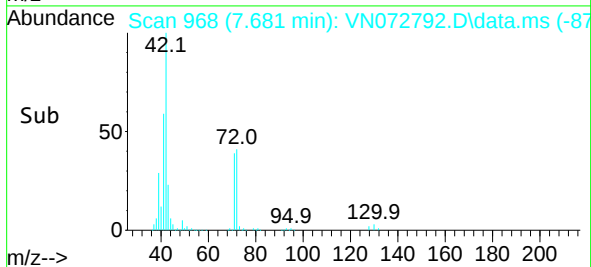
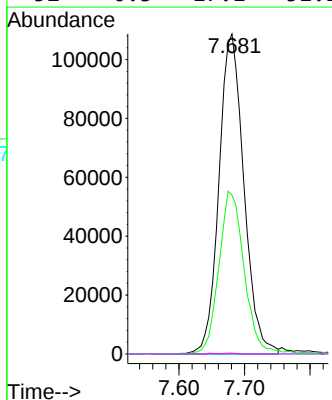
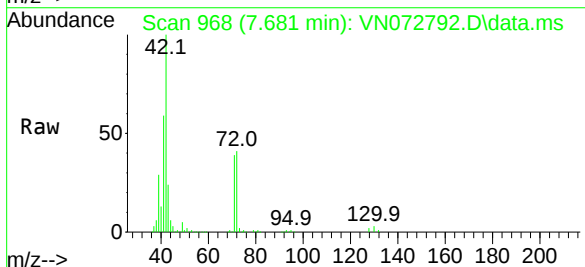
Instrument :
MSVOA_N
ClientSampleId :

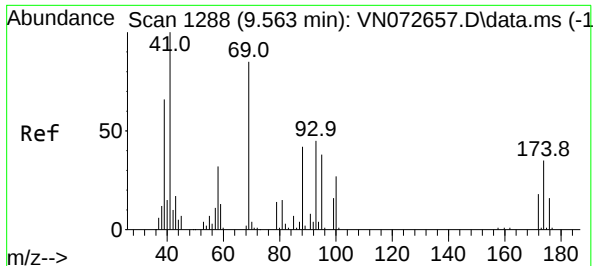
Tgt Ion: 78 Resp: 39195
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 73.4 16.0 24.0#



#35
Methacrylonitrile
Concen: 106.289 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.053 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 41 Resp: 286756
Ion Ratio Lower Upper
41 100
39 49.5 28.0 83.9
67 0.0 37.7 113.1#
52 0.3 17.1 51.2#





#45

1,4-Dioxane

Concen: 81.464 ug/l

RT: 9.569 min Scan# 1499

Delta R.T. 0.006 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

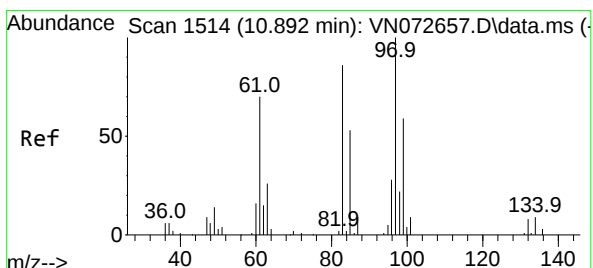
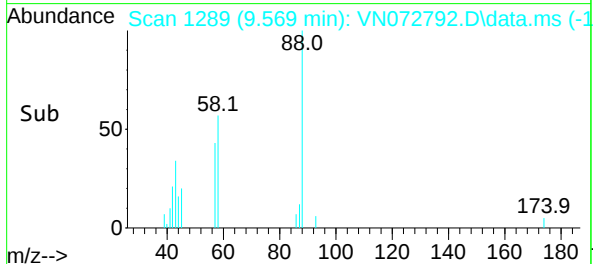
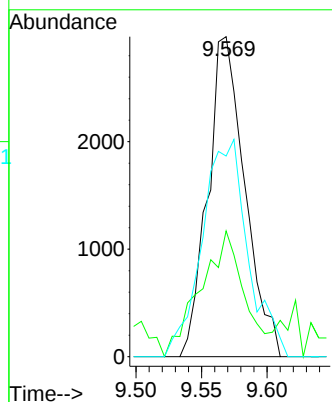
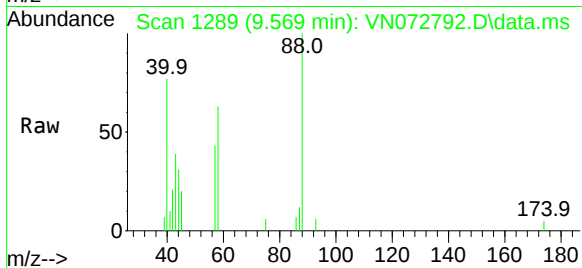
Tgt Ion: 88 Resp: 5854

Ion Ratio Lower Upper

88 100

43 45.5 25.0 37.6#

58 77.2 49.4 74.2#



#50

1,1,2-Trichloroethane

Concen: 0.214 ug/l

RT: 10.804 min Scan# 1499

Delta R.T. -0.088 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Tgt Ion: 97 Resp: 642

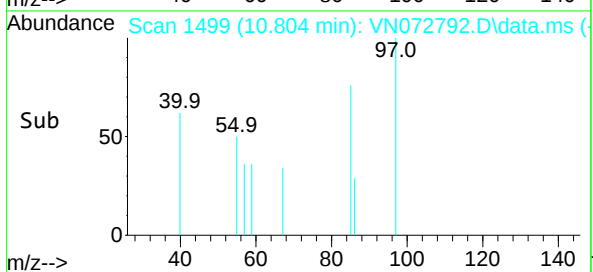
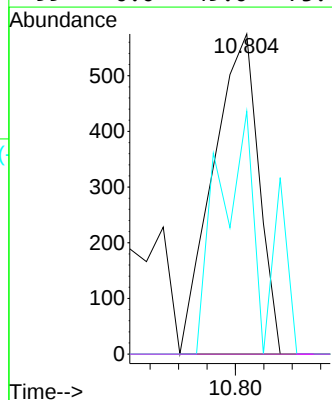
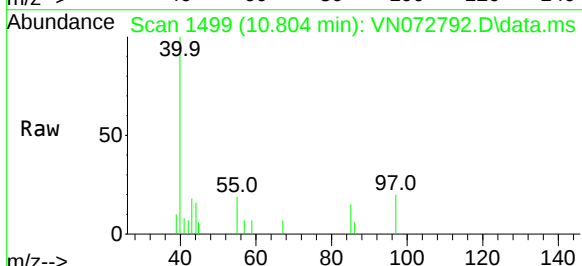
Ion Ratio Lower Upper

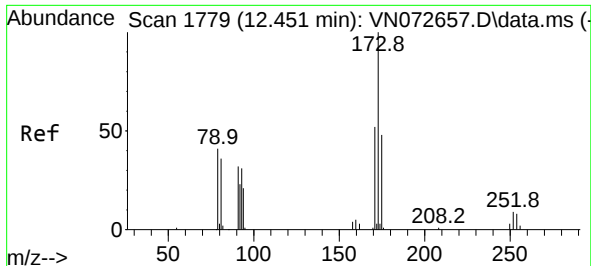
97 100

83 0.0 67.2 100.8#

85 75.8 43.0 64.4#

99 0.0 49.0 73.4#

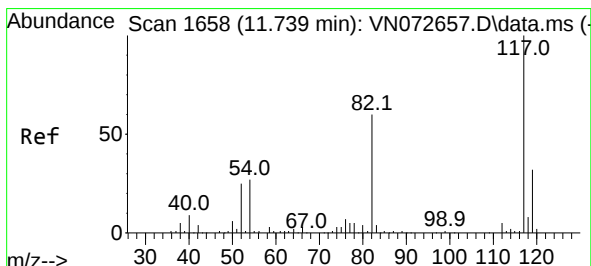
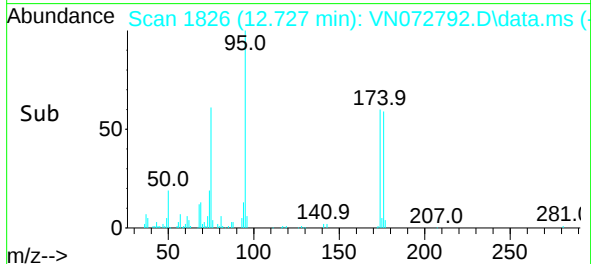
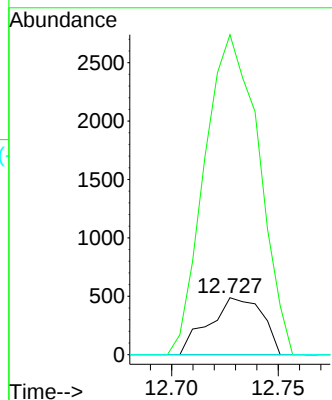
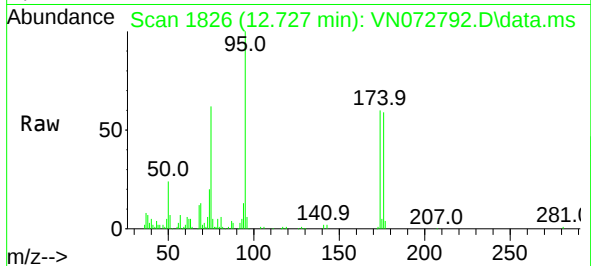




#56
Bromoform
Concen: 0.370 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.277 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

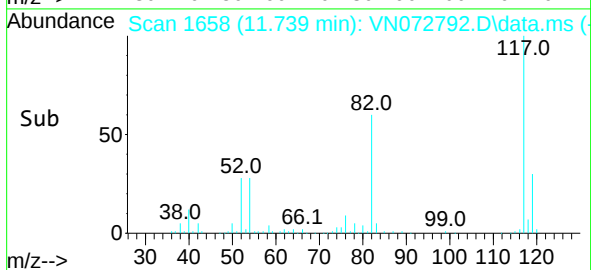
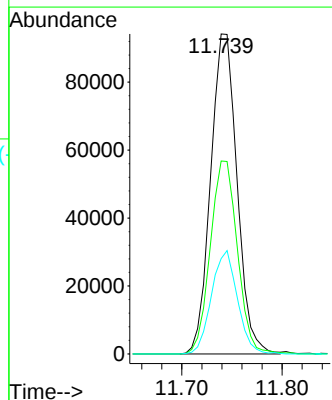
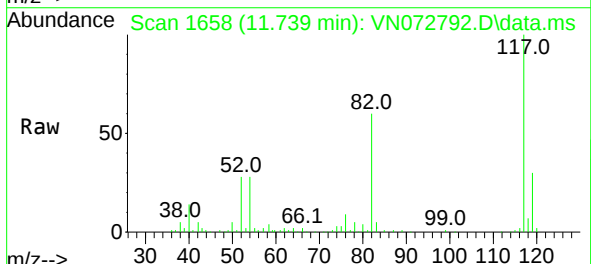
Instrument :
MSVOA_N
ClientSampleId :

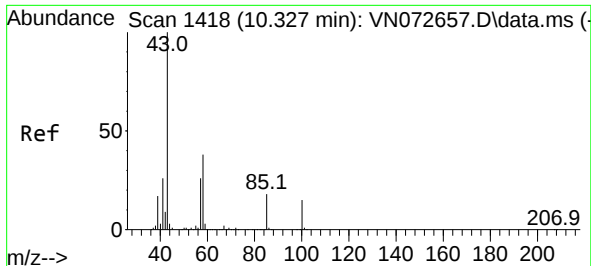
Tgt Ion:173 Resp: 853
Ion Ratio Lower Upper
173 100
175 569.3 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

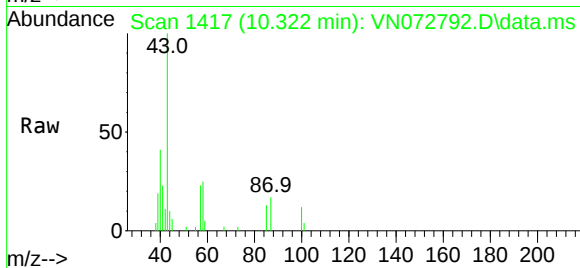
Tgt Ion:117 Resp: 172376
Ion Ratio Lower Upper
117 100
82 61.9 43.6 65.4
119 31.7 25.8 38.6



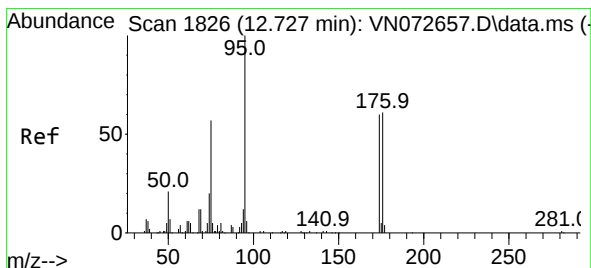
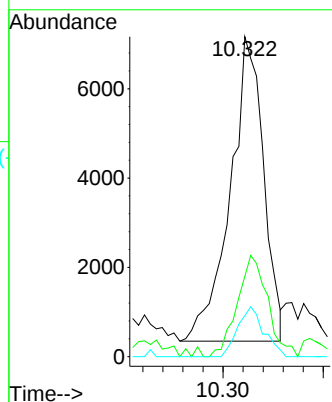
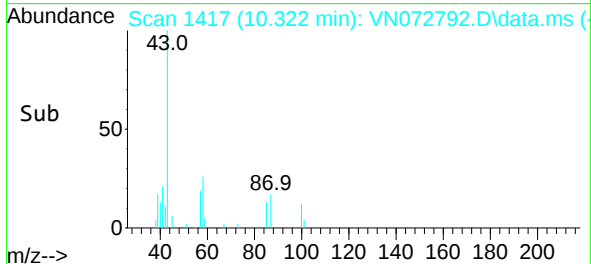


#58
 4-Methyl-2-Pentanone
 Concen: 3.053 ug/l
 RT: 10.322 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

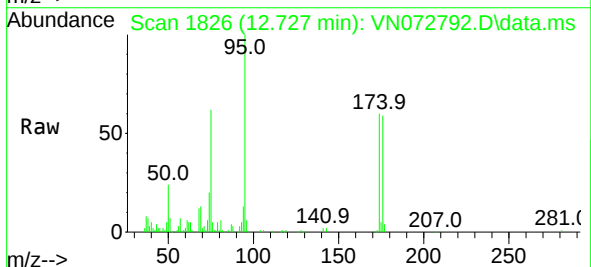
Instrument :
 MSVOA_N
 ClientSampleId :



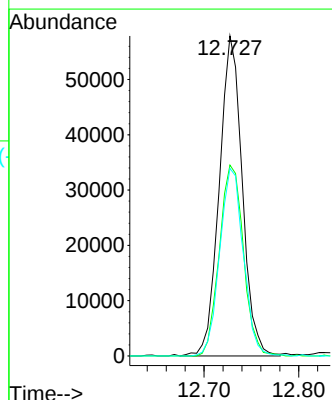
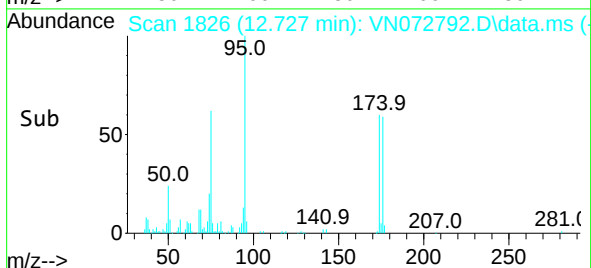
Tgt Ion: 43 Resp: 15783
 Ion Ratio Lower Upper
 43 100
 58 30.2 30.0 45.0
 85 12.8 15.0 22.6#

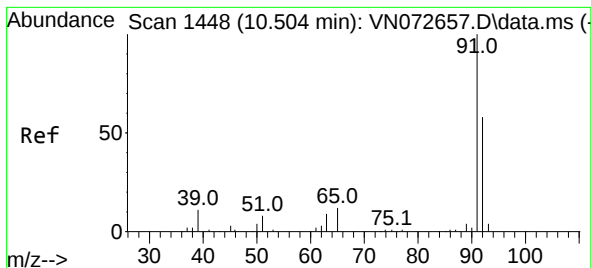


#60
 4-Bromofluorobenzene
 Concen: 27.527 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55



Tgt Ion: 95 Resp: 97592
 Ion Ratio Lower Upper
 95 100
 174 62.5 62.9 94.3#
 176 60.2 61.0 91.4#





#62

Toluene

Concen: 2.970 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Instrument :

MSVOA_N

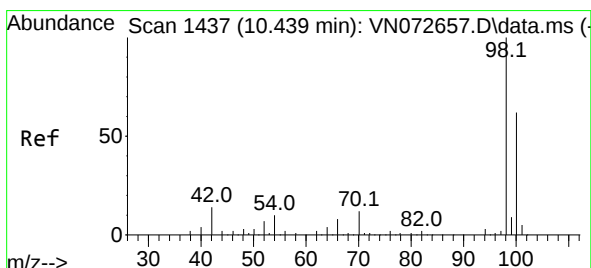
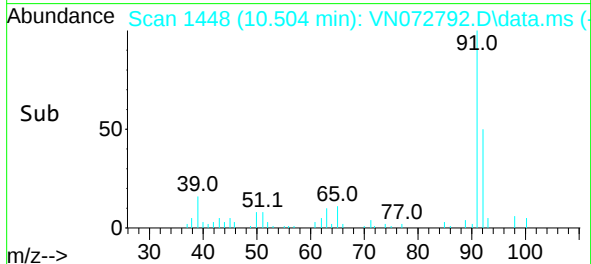
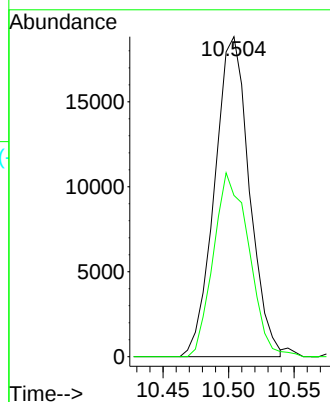
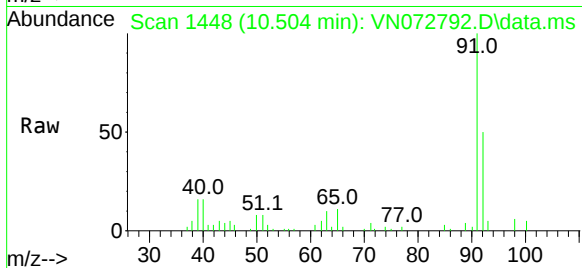
ClientSampleId :

Tgt Ion: 91 Resp: 34712

Ion Ratio Lower Upper

91 100

92 58.7 44.6 67.0



#63

Toluene-d8

Concen: 31.153 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072792.D

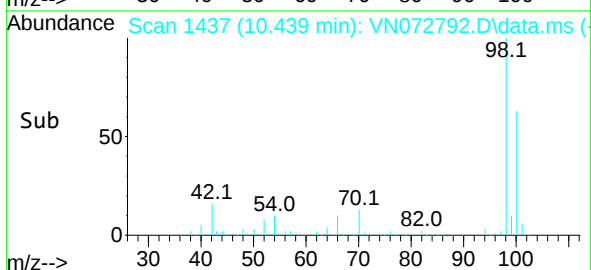
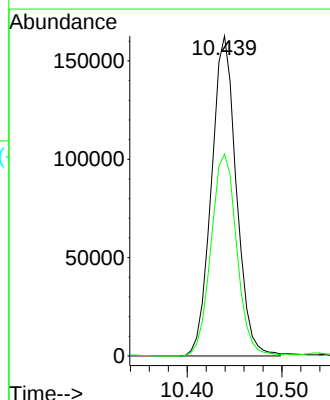
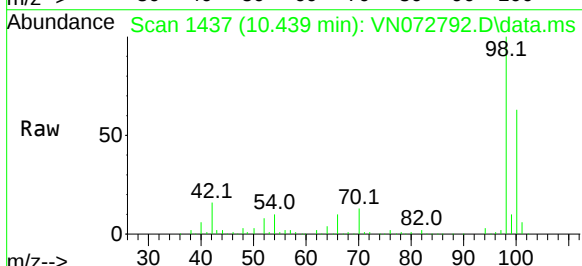
Acq: 11 Jun 2022 16:55

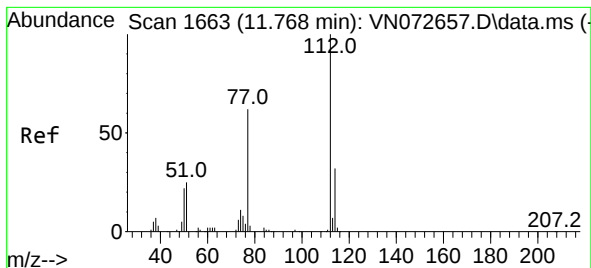
Tgt Ion: 98 Resp: 297479

Ion Ratio Lower Upper

98 100

100 65.2 50.6 76.0





#64

Chlorobenzene

Concen: 1.865 ug/l

RT: 11.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Instrument :

MSVOA_N

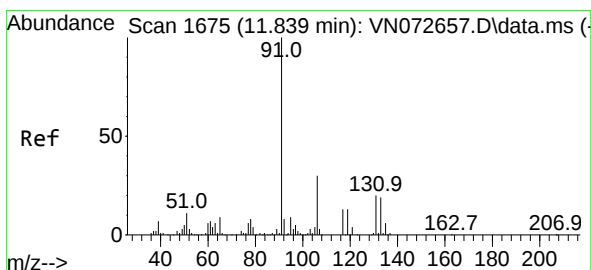
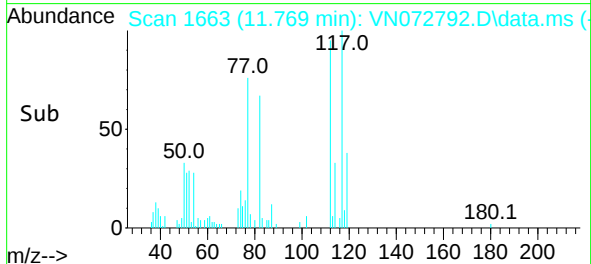
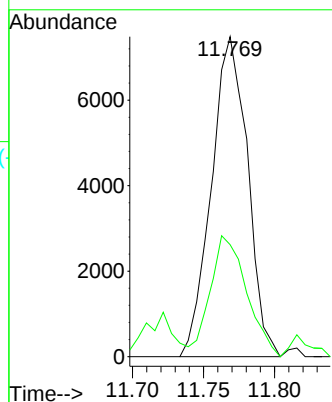
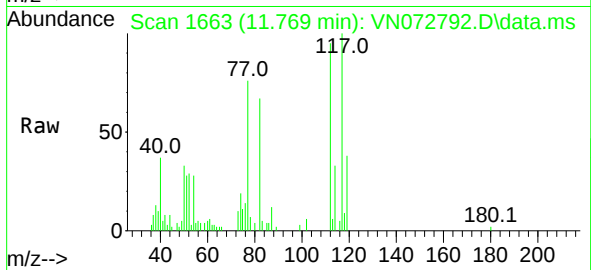
ClientSampleId :

Tgt Ion:112 Resp: 13268

Ion Ratio Lower Upper

112 100

114 35.0 25.8 38.6



#66

Ethyl Benzene

Concen: 7.580 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072792.D

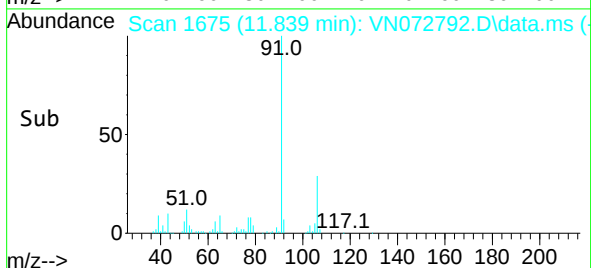
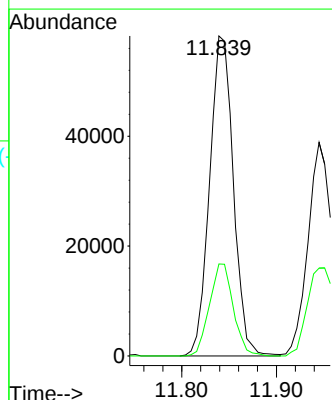
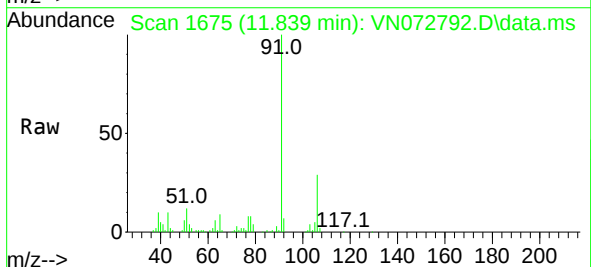
Acq: 11 Jun 2022 16:55

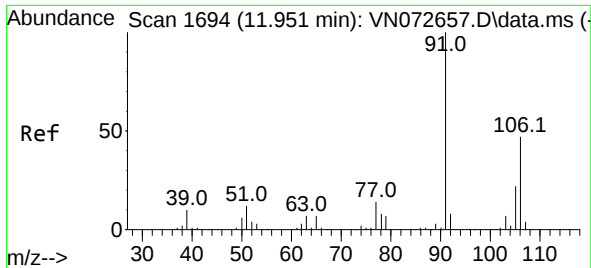
Tgt Ion: 91 Resp: 101719

Ion Ratio Lower Upper

91 100

106 28.8 24.0 36.0

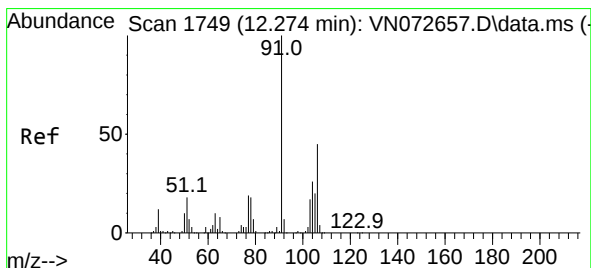
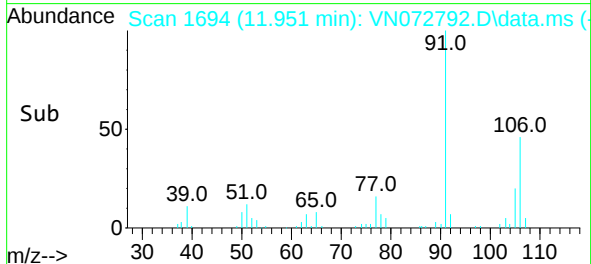
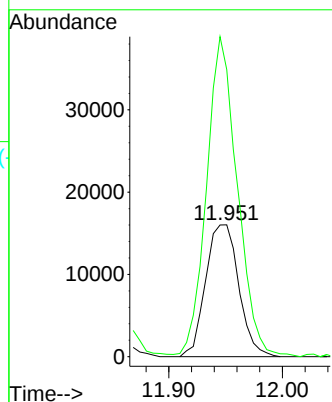
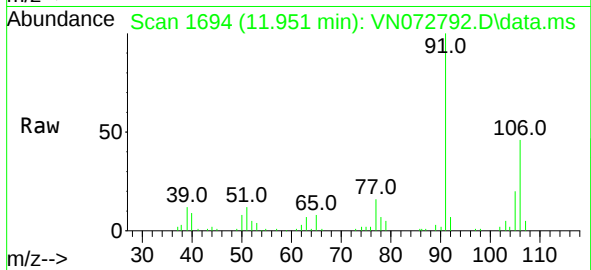




#67
m/p-Xylenes
Concen: 6.629 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

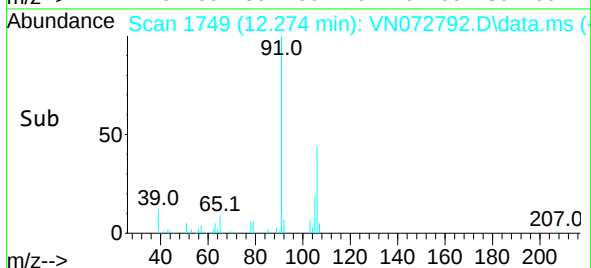
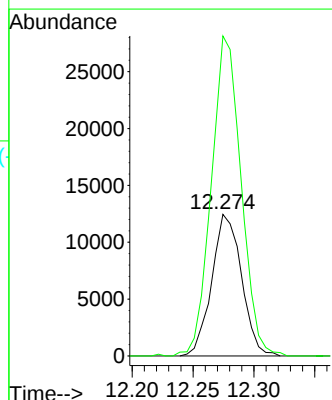
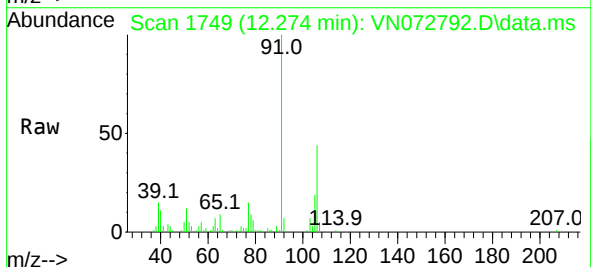
Instrument :
MSVOA_N
ClientSampleId :

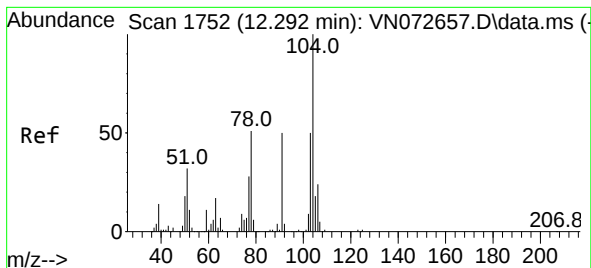
Tgt Ion:106 Resp: 32446
Ion Ratio Lower Upper
106 100
91 226.3 162.9 244.3



#68
o-Xylene
Concen: 4.246 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion:106 Resp: 21203
Ion Ratio Lower Upper
106 100
91 225.5 107.7 323.1





#69

Styrene

Concen: 0.487 ug/l

RT: 12.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

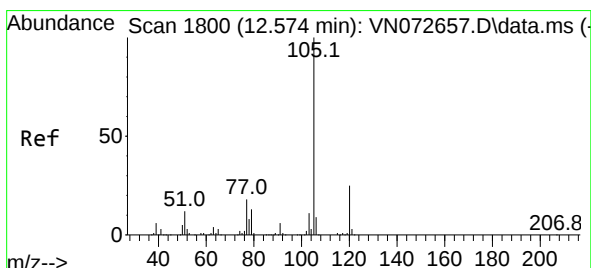
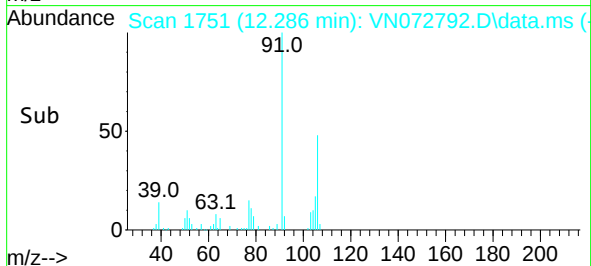
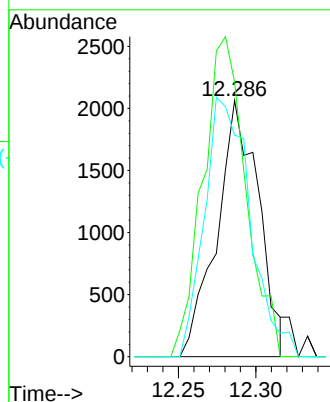
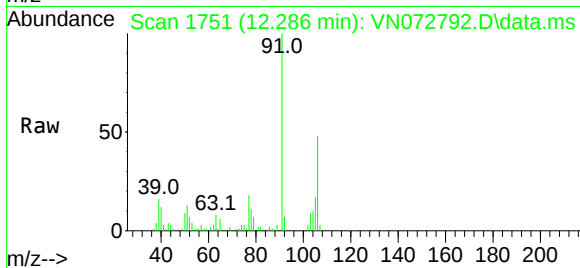
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 3857

Ion	Ratio	Lower	Upper
104	100		
78	129.0	40.7	61.1#
103	111.1	45.8	68.8#



#70

Isopropylbenzene

Concen: 0.899 ug/l

RT: 12.574 min Scan# 1800

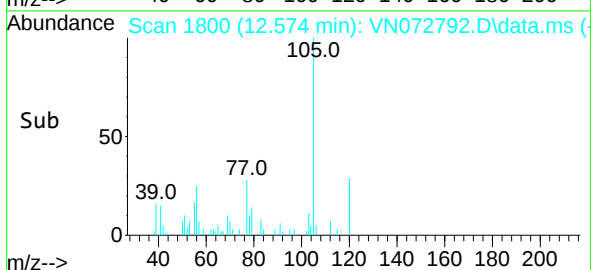
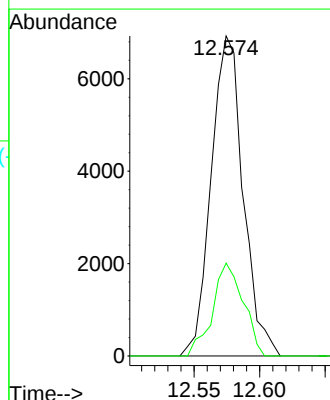
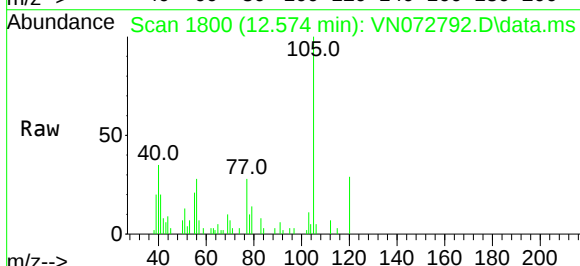
Delta R.T. 0.000 min

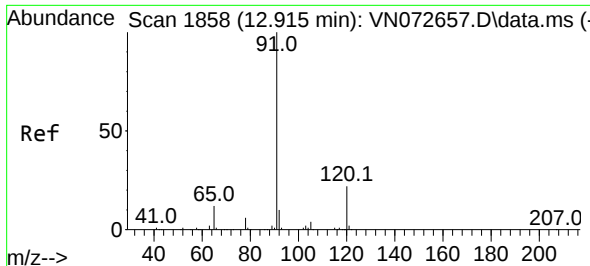
Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Tgt Ion:105 Resp: 11726

Ion	Ratio	Lower	Upper
105	100		
120	27.9	18.3	34.1

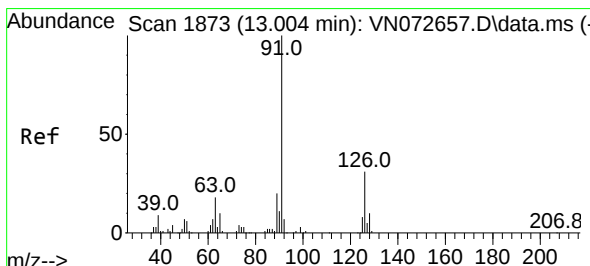
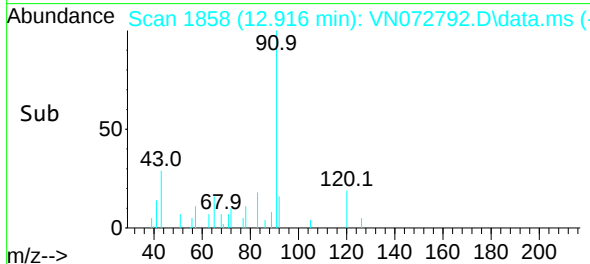
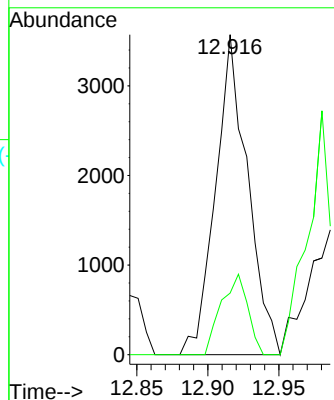
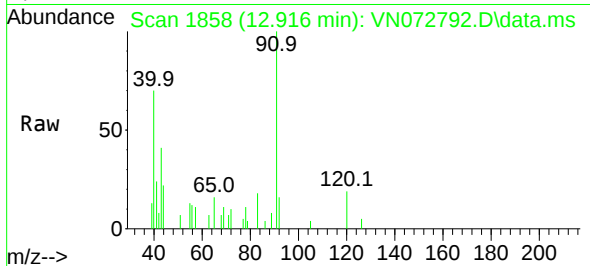




#74
n-propylbenzene
Concen: 0.376 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

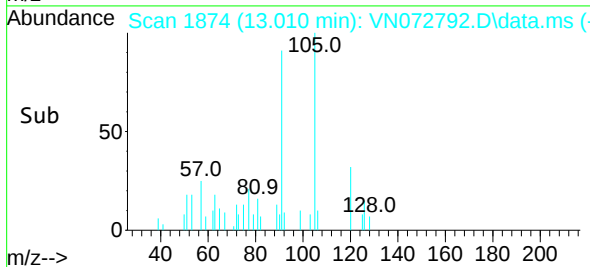
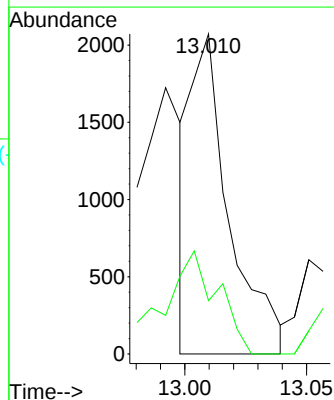
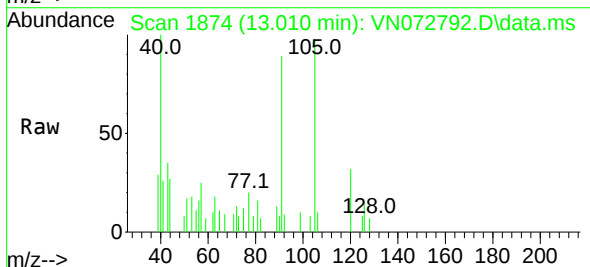
Instrument :
MSVOA_N
ClientSampleId :

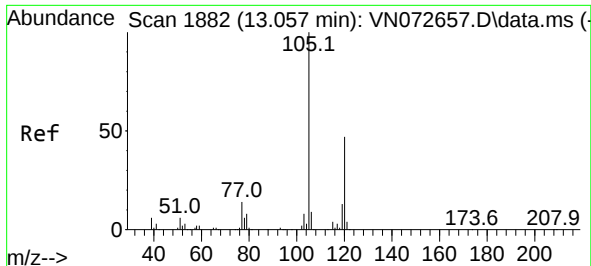
Tgt Ion: 91 Resp: 5612
Ion Ratio Lower Upper
91 100
120 20.8 0.0 45.0



#75
2-Chlorotoluene
Concen: 0.247 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion: 91 Resp: 2282
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

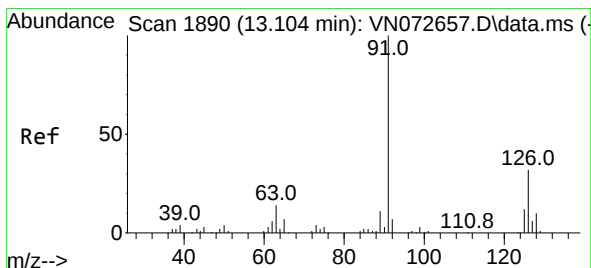
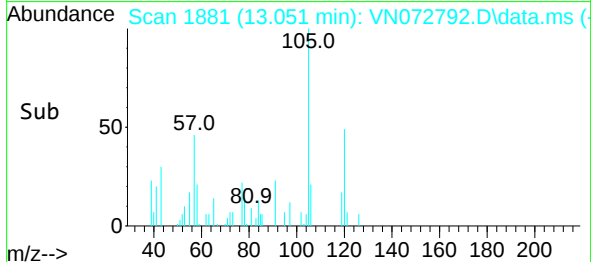
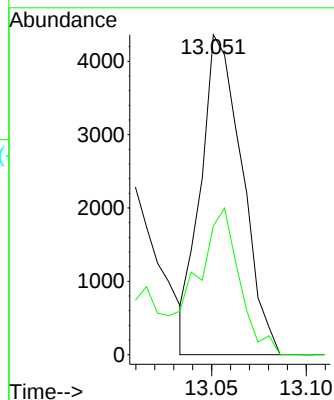
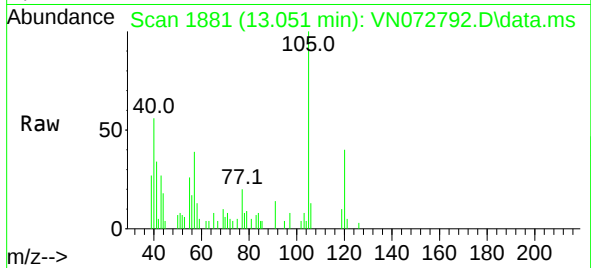




#76
 1,3,5-Trimethylbenzene
 Concen: 0.617 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

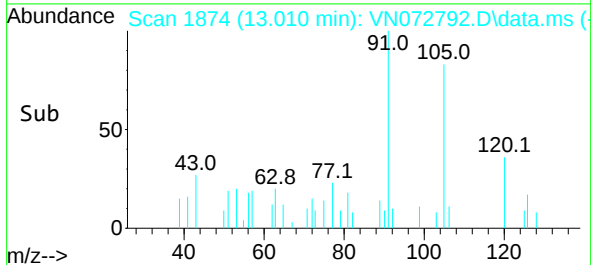
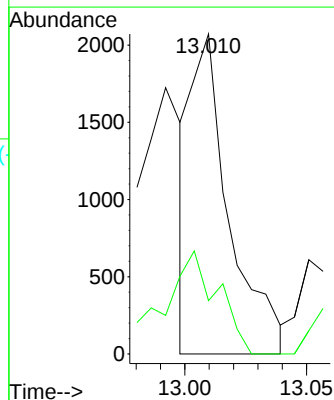
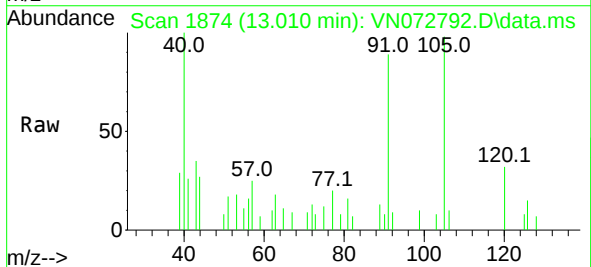
Instrument :
 MSVOA_N
 ClientSampleId :

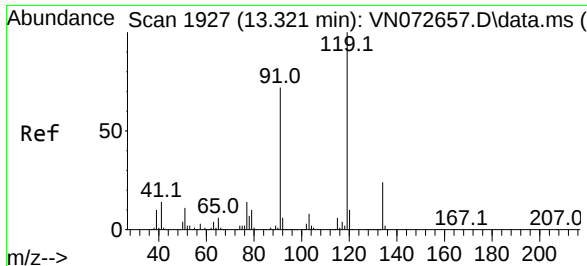
Tgt Ion:105 Resp: 6611
 Ion Ratio Lower Upper
 105 100
 120 46.9 0.0 93.8



#78
 4-Chlorotoluene
 Concen: 0.261 ug/l
 RT: 13.010 min Scan# 1874
 Delta R.T. -0.094 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

Tgt Ion: 91 Resp: 2282
 Ion Ratio Lower Upper
 91 100
 126 33.0 0.0 70.6

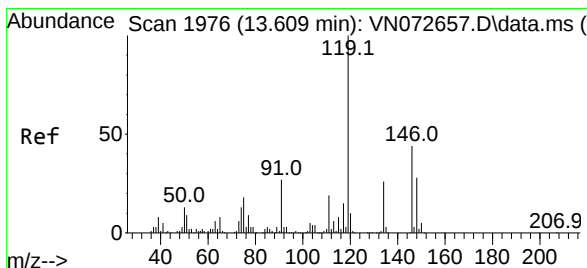
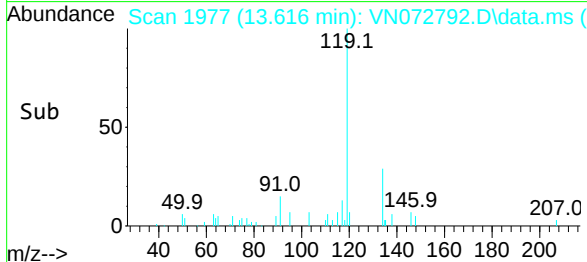
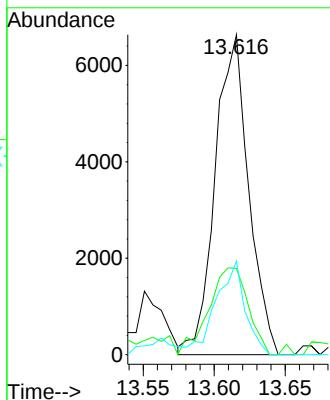
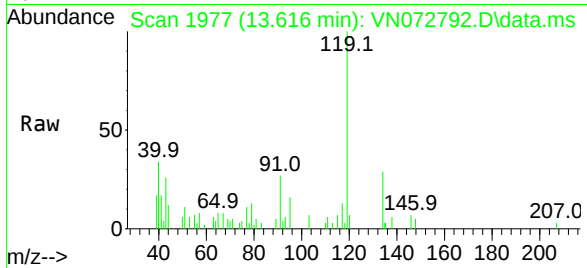




#79
tert-butylbenzene
Concen: 1.138 ug/l
RT: 13.616 min Scan# 1927
Delta R.T. 0.294 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

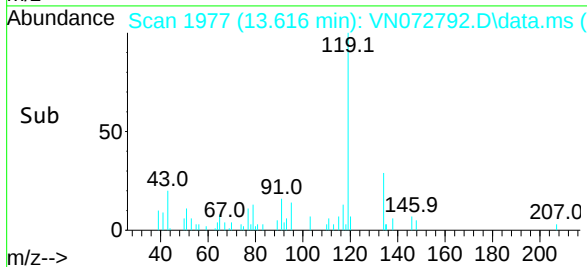
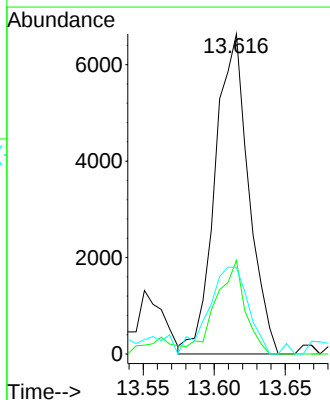
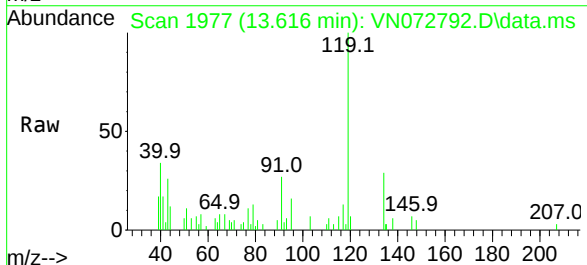
Instrument :
MSVOA_N
ClientSampleId :

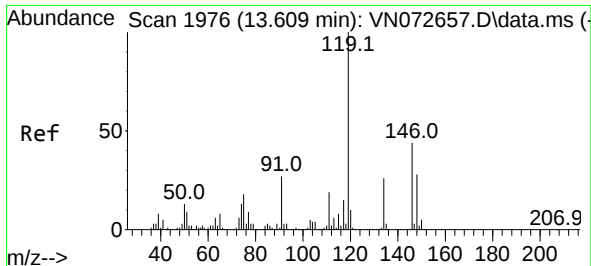
Tgt Ion:119 Resp: 10882
Ion Ratio Lower Upper
119 100
91 32.0 0.0 137.0
134 25.2 0.0 47.6



#82
p-Isopropyltoluene
Concen: 1.056 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

Tgt Ion:119 Resp: 10882
Ion Ratio Lower Upper
119 100
134 25.2 0.0 51.8
91 32.0 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 3.115 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.083 min

Lab File: VN072792.D

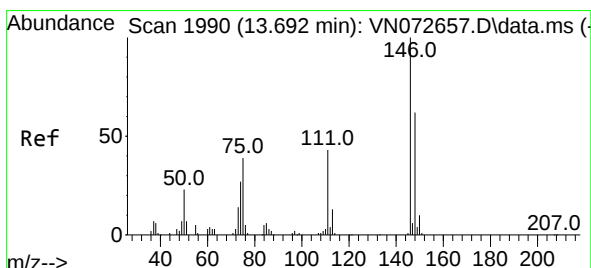
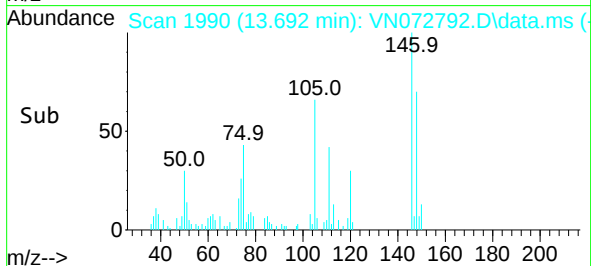
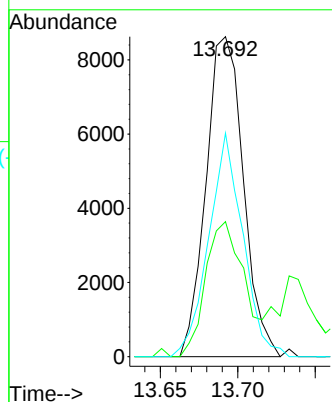
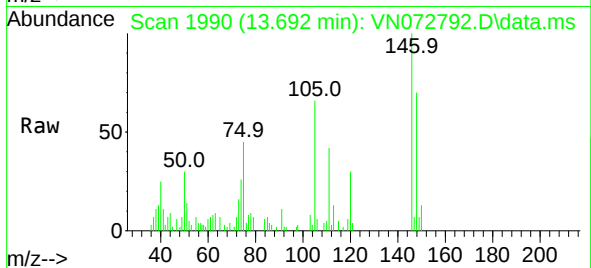
Acq: 11 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	14464
Ion Ratio	Lower	Upper
146	100	
111	44.1	20.8 62.2
148	63.9	31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 3.208 ug/l

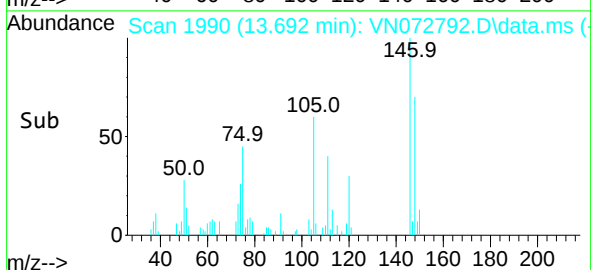
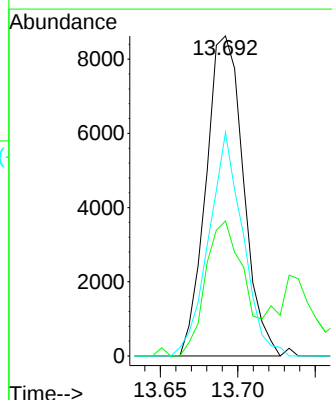
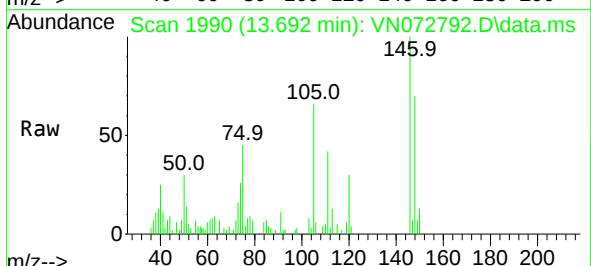
RT: 13.692 min Scan# 1990

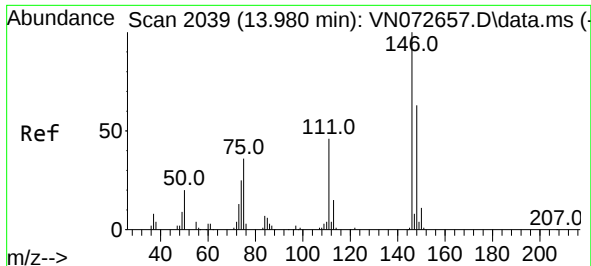
Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Tgt Ion:146	Resp:	14464
Ion Ratio	Lower	Upper
146	100	
111	44.1	19.5 58.5
148	63.9	31.1 93.5





#87

1,2-Dichlorobenzene

Concen: 3.148 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.288 min

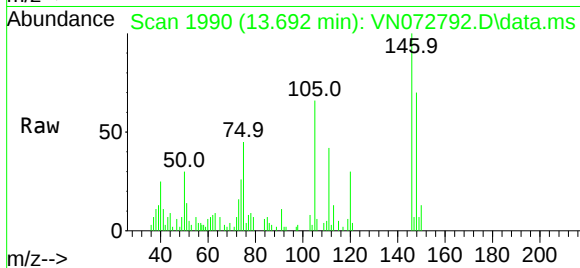
Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

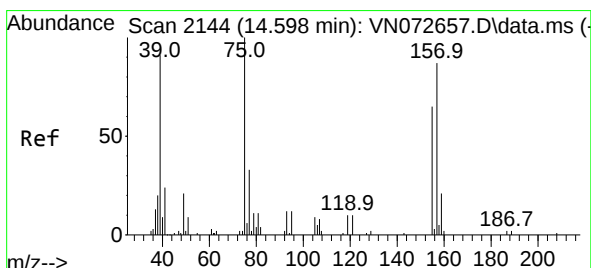
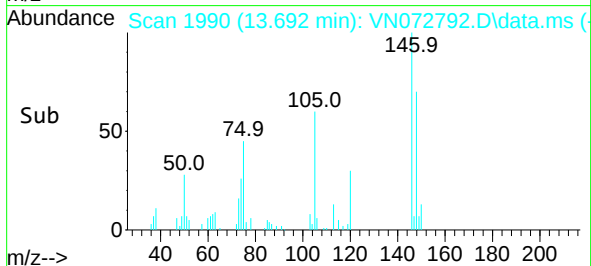
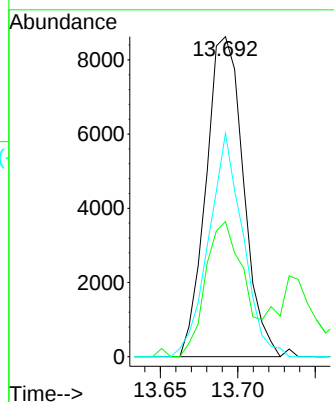
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	14464
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.4	64.2
148	63.9	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.217 ug/l

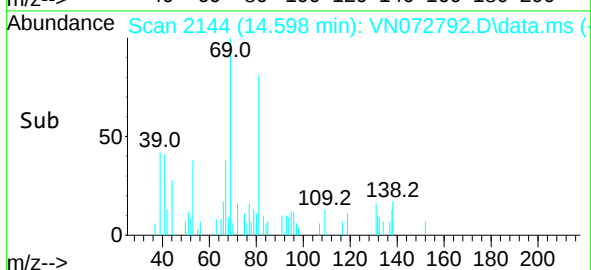
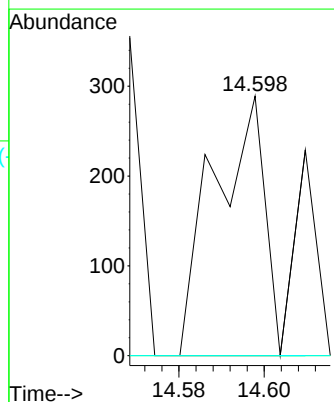
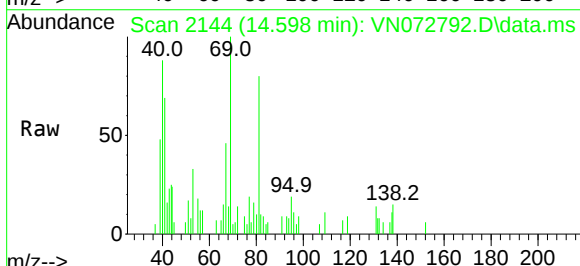
RT: 14.598 min Scan# 2144

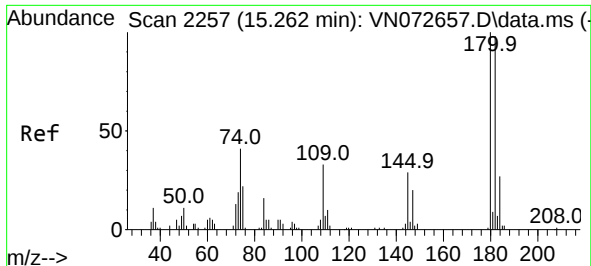
Delta R.T. 0.000 min

Lab File: VN072792.D

Acq: 11 Jun 2022 16:55

Tgt Ion:	75	Resp:	240
Ion Ratio	Lower	Upper	
75	100		
155	0.0	63.8	95.8#
157	0.0	77.9	116.9#

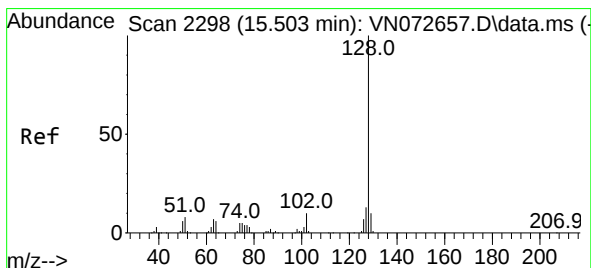
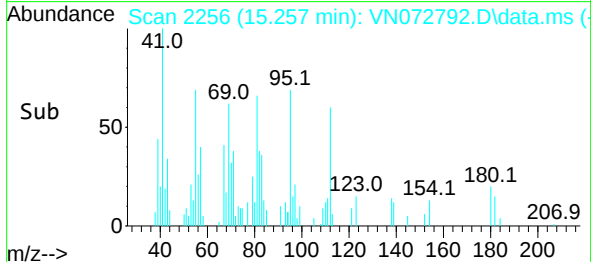
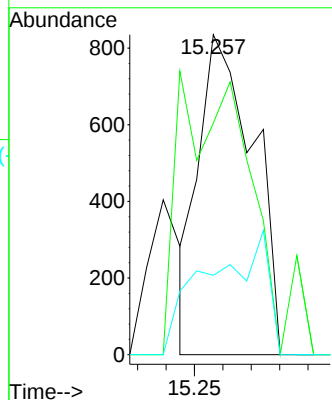
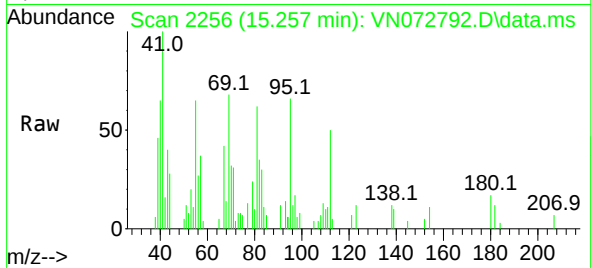




#89
1,2,4-Trichlorobenzene
Concen: 0.479 ug/l
RT: 15.257 min Scan# 2110
Delta R.T. -0.006 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

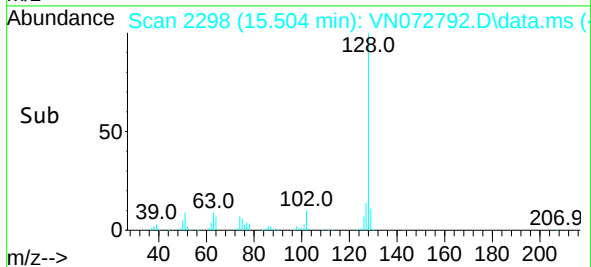
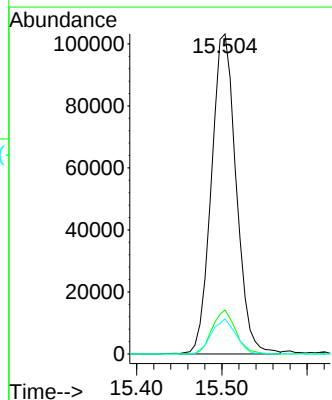
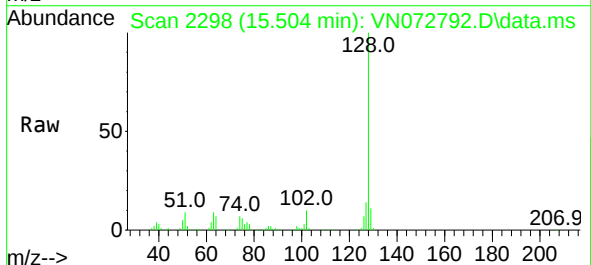
Instrument :
MSVOA_N
ClientSampleId :

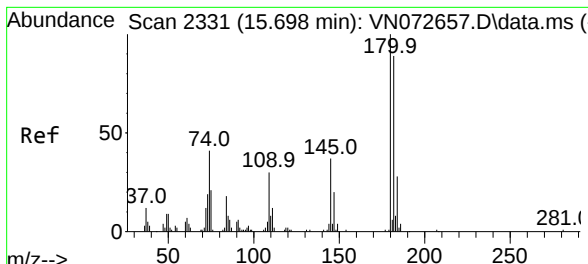
Tgt Ion	Ratio	Lower	Upper
180	100		
182	69.1	77.7	116.5#
145	32.4	26.6	39.8



#91
Naphthalene
Concen: 22.587 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072792.D
Acq: 11 Jun 2022 16:55

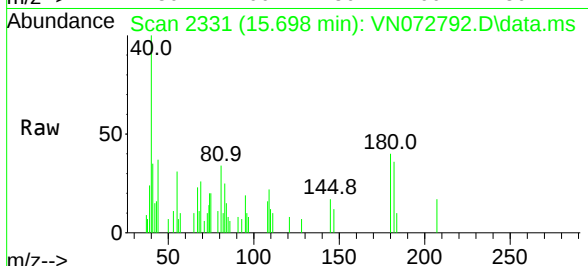
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.7	9.0	13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072792.D
 Acq: 11 Jun 2022 16:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1477
Ion	Ratio	Lower	Upper
180	100		
182	119.6	0.0	190.0
145	28.2	0.0	67.8

