

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072151.D
 Acq On : 22 Apr 2022 12:59
 Operator : JC\MD
 Sample : VN0422WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:14:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	195	50.000	ug/l	#-0.15
34) 1,4-Difluorobenzene	8.710	114	659937	50.000	ug/l	-0.25
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.74
72) 1,4-Dichlorobenzene-d4	13.657	152	249545	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.098	65	270778	121634.973	ug/l	-0.34
Spiked Amount	50.000	Range	61 - 141	Recovery	= 243269.940%#	
35) Dibromofluoromethane	7.616	113	231030	59.492	ug/l	-0.40
Spiked Amount	50.000	Range	69 - 133	Recovery	= 118.980%	
50) Toluene-d8	10.316	98	812720	51.160	ug/l	-0.12
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	= 0.000%#	
Target Compounds						Qvalue
3) Chloromethane	2.357	50	715	363.969	ug/l #	43
6) Chloroethane	3.175	64	278	179.129	ug/l #	1
7) Trichlorofluoromethane	3.204	101	57804	21060.284	ug/l	97
8) Diethyl Ether	3.851	74	29678	25585.570	ug/l #	12
14) Allyl chloride	4.657	41	50228	19226.652	ug/l #	67
15) Acrylonitrile	5.198	53	54	51.424	ug/l #	17
16) Acetone	4.363	43	11754	12354.718	ug/l #	61
18) Methyl Acetate	4.651	43	44862	19635.282	ug/l	97
22) Diisopropyl ether	6.498	45	2903	510.442	ug/l #	50
23) Vinyl Acetate	6.322	43	487	107.682	ug/l #	68
25) 2-Butanone	7.198	43	39637	28899.880	ug/l #	1
26) 2,2-Dichloropropane	6.945	77	109	38.004	ug/l #	53
27) cis-1,2-Dichloroethene	6.922	96	62	28.615	ug/l #	1
28) Bromochloromethane	7.592	49	608	451.437	ug/l #	8
29) Tetrahydrofuran	7.457	42	698	785.965	ug/l #	29
30) Chloroform	7.839	83	7884	2236.364	ug/l	92
31) Cyclohexane	7.798	56	122971	40618.865	ug/l #	16
32) 1,1,1-Trichloroethane	7.598	97	84229	27928.131	ug/l	94
36) 1,1-Dichloropropene	7.845	75	90496	16.688	ug/l	98
37) Ethyl Acetate	7.198	43	39637	6.678	ug/l #	78
38) Carbon Tetrachloride	7.822	117	91191	17.158	ug/l	99
39) Methylcyclohexane	9.245	83	97086	15.040	ug/l	98
40) Benzene	8.122	78	327784	19.134	ug/l	98
41) Methacrylonitrile	7.198	41	103830	35.726	ug/l #	32
42) 1,2-Dichloroethane	8.204	62	113385	19.134	ug/l	96
43) Isopropyl Acetate	8.263	43	170509	17.271	ug/l	94
44) Trichloroethene	8.986	130	79665	18.051	ug/l	96
45) 1,2-Dichloropropane	9.280	63	86340	20.175	ug/l	98
46) Dibromomethane	9.380	93	62752	21.596	ug/l	98
47) Bromodichloromethane	9.586	83	117889	20.611	ug/l	98
48) Methyl methacrylate	9.286	41	37498	9.155	ug/l #	6
49) 1,4-Dioxane	9.375	88	35905	360.664	ug/l	99
51) 4-Methyl-2-Pentanone	10.210	43	561099	98.850	ug/l	95
52) Toluene	10.380	92	209346	19.332	ug/l	99
53) t-1,3-Dichloropropene	10.616	75	120931	20.173	ug/l	95
54) cis-1,3-Dichloropropene	10.051	75	135376	20.438	ug/l	95

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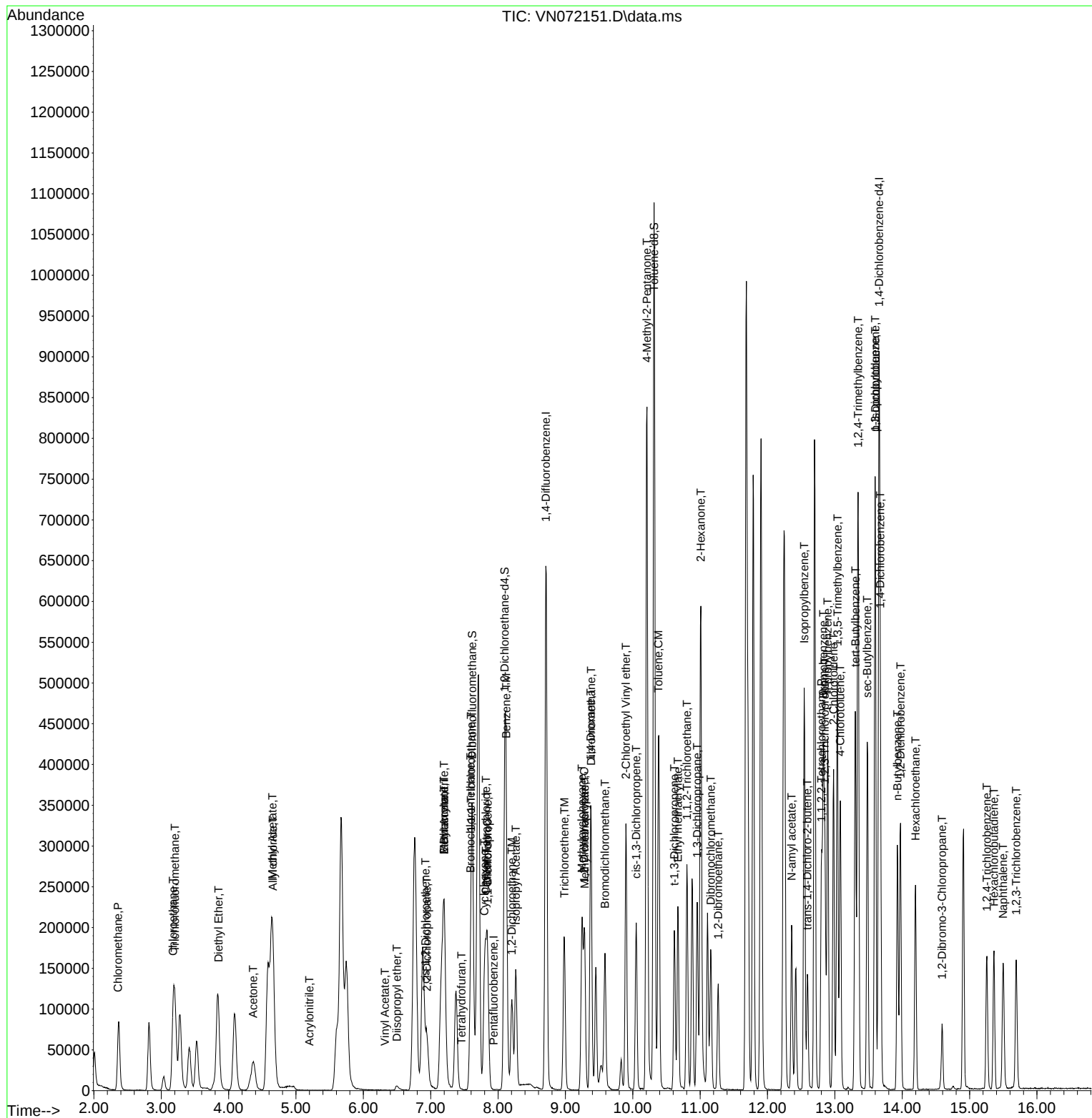
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,1,2-Trichloroethane	10.804	97	96262	21.599	ug/l	99
56) Ethyl methacrylate	10.669	69	133213	20.953	ug/l #	89
57) 1,3-Dichloropropane	10.957	76	155541	20.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.898	63	155595	91.065	ug/l	98
59) 2-Hexanone	11.010	43	371955	93.073	ug/l	94
60) Dibromochloromethane	11.157	129	95019	21.866	ug/l	100
61) 1,2-Dibromoethane	11.269	107	90821	20.702	ug/l	99
73) Isopropylbenzene	12.545	105	339038	16.123	ug/l	99
74) N-amyl acetate	12.357	43	105128	17.448	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.798	83	139668	19.906	ug/l	99
76) 1,2,3-Trichloropropane	12.851	75	157469	27.240	ug/l #	1
77) Bromobenzene	12.827	156	96958	18.393	ug/l	97
78) n-propylbenzene	12.892	91	354821	16.041	ug/l	99
79) 2-Chlorotoluene	12.980	91	239897	16.911	ug/l	98
80) 1,3,5-Trimethylbenzene	13.039	105	287799	17.274	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.592	75	35345	18.947	ug/l	97
82) 4-Chlorotoluene	13.080	91	223963	17.032	ug/l	97
83) tert-Butylbenzene	13.304	119	243747	16.004	ug/l	98
84) 1,2,4-Trimethylbenzene	13.345	105	292245	17.977	ug/l	100
85) sec-Butylbenzene	13.480	105	308163	15.609	ug/l	98
86) p-Isopropyltoluene	13.598	119	255703	16.244	ug/l	99
87) 1,3-Dichlorobenzene	13.598	146	148775	17.715	ug/l	99
88) 1,4-Dichlorobenzene	13.674	146	144857	17.680	ug/l	98
89) n-Butylbenzene	13.927	91	170700	14.620	ug/l	99
90) Hexachloroethane	14.198	117	48361	16.782	ug/l	93
91) 1,2-Dichlorobenzene	13.974	146	152684	18.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.592	75	20631	18.957	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	61772	16.991	ug/l	97
94) Hexachlorobutadiene	15.362	225	38048	15.647	ug/l	99
95) Naphthalene	15.498	128	160444	16.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	65196	18.542	ug/l	97

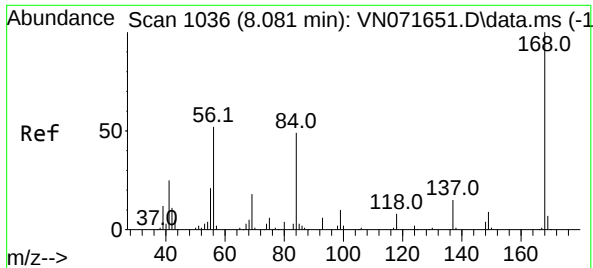
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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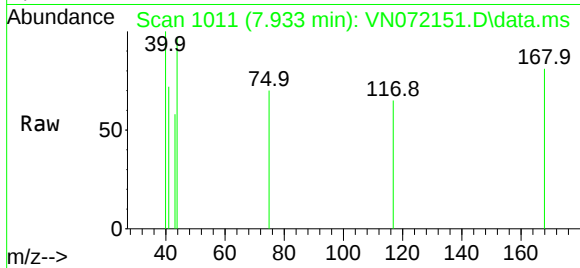
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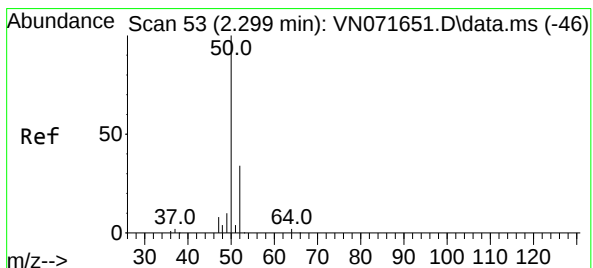
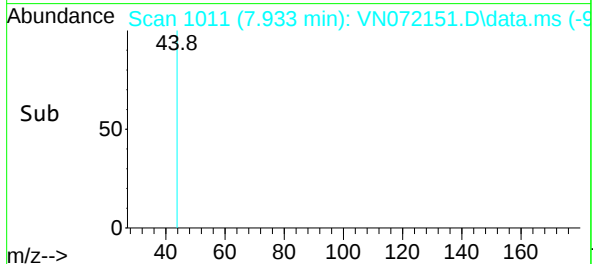
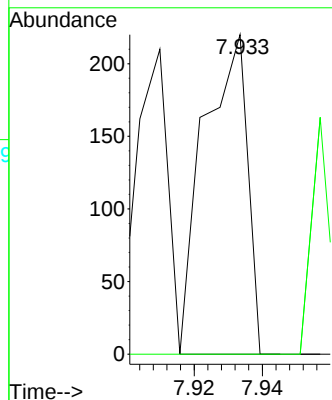


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 10
Delta R.T. -0.148 min
Lab File: VN072151.D
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MSVOA_N
ClientSampleId :

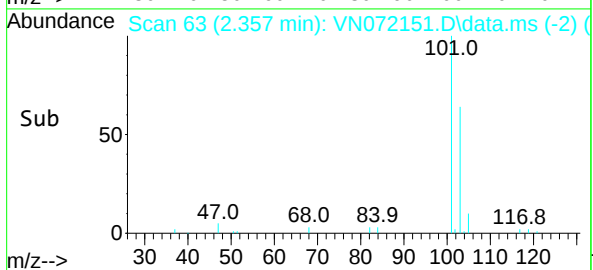
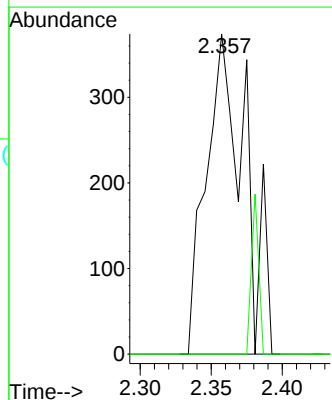
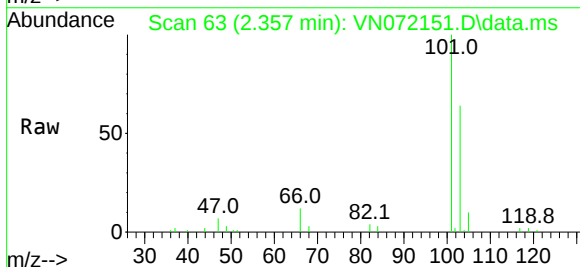


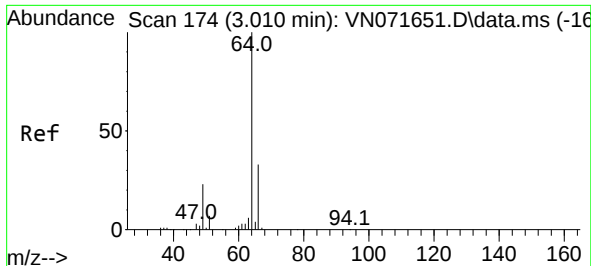
Tgt Ion:168 Resp: 195
Ion Ratio Lower Upper
168 100
99 0.0 42.3 63.5#



#3
Chloromethane
Concen: 363.969 ug/l
RT: 2.357 min Scan# 63
Delta R.T. 0.058 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

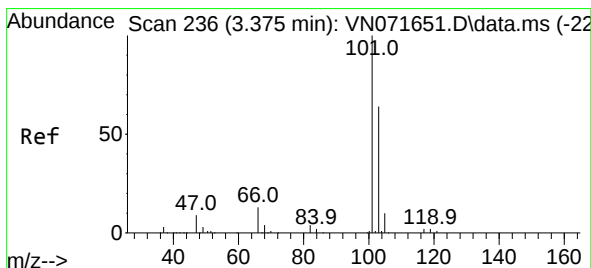
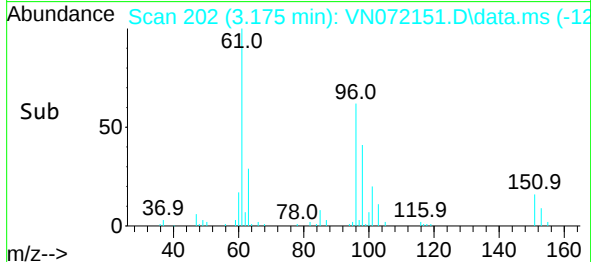
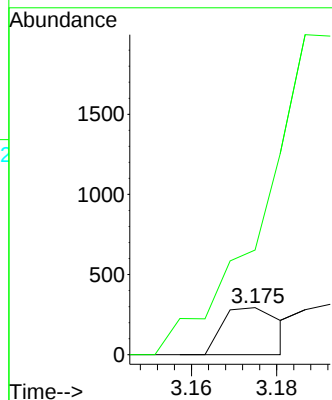
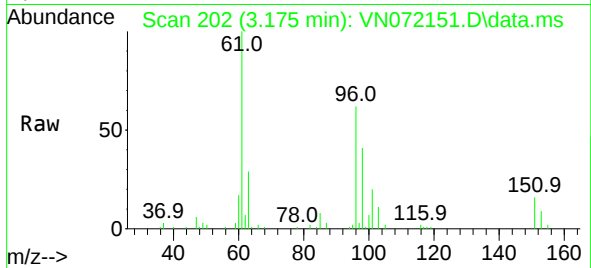




#6
Chloroethane
Concen: 179.129 ug/l
RT: 3.175 min Scan# 207
Delta R.T. 0.165 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

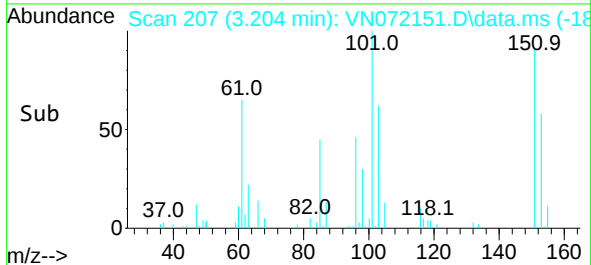
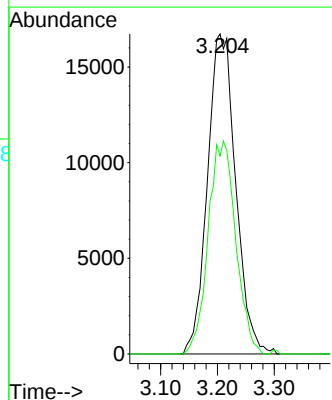
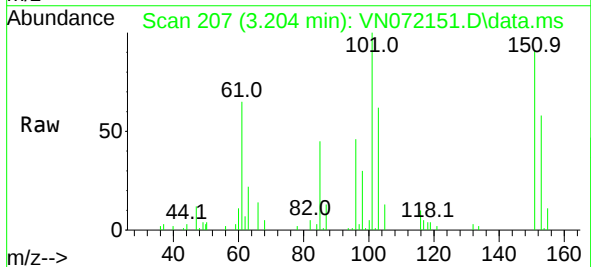
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MSVOA_N
ClientSampleId :

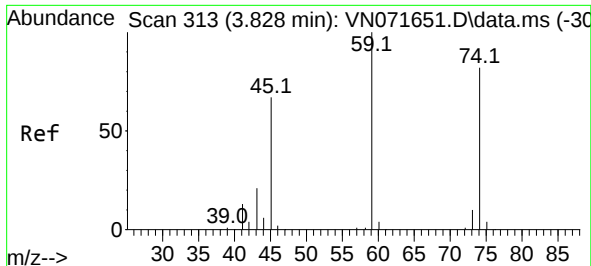
Tgt Ion: 64 Resp: 278
Ion Ratio Lower Upper
64 100
66 145.2 26.2 39.4#



#7
Trichlorofluoromethane
Concen: 21060.284 ug/l
RT: 3.204 min Scan# 207
Delta R.T. -0.171 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion:101 Resp: 57804
Ion Ratio Lower Upper
101 100
103 61.9 51.5 77.3

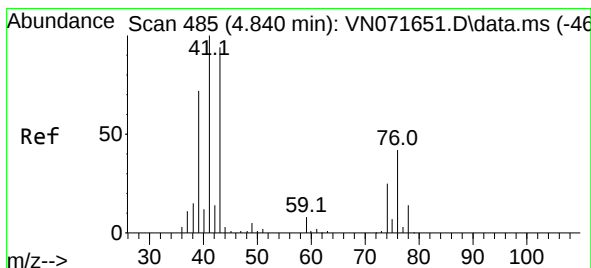
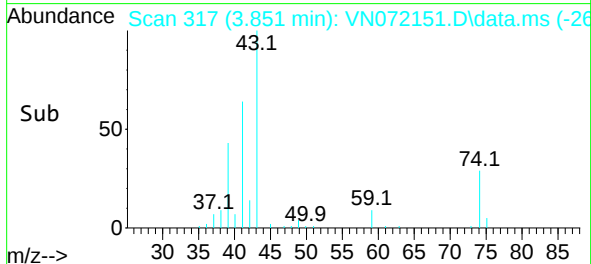
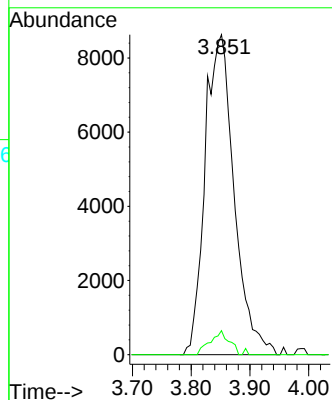
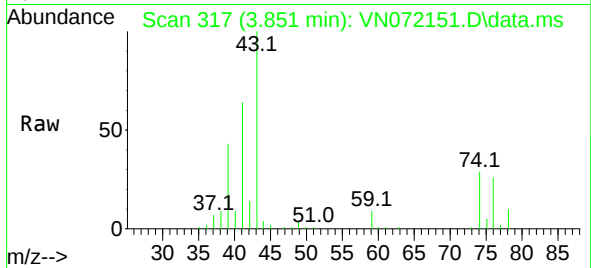




#8
Diethyl Ether
Concen: 25585.570 ug/l
RT: 3.851 min Scan# 317
Delta R.T. 0.023 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

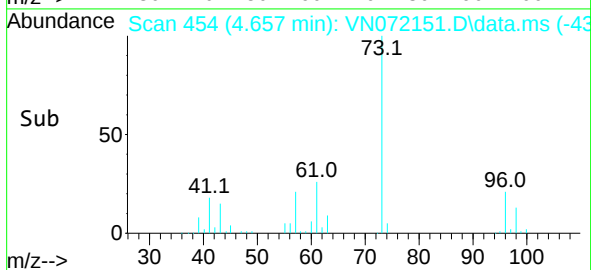
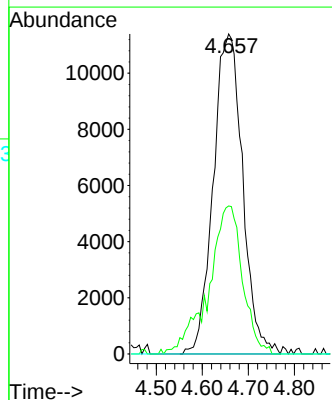
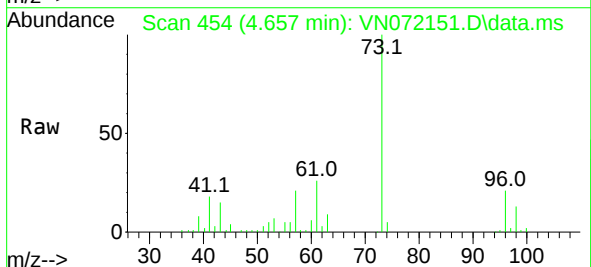
Instrument :
MSVOA_N
ClientSampleId :

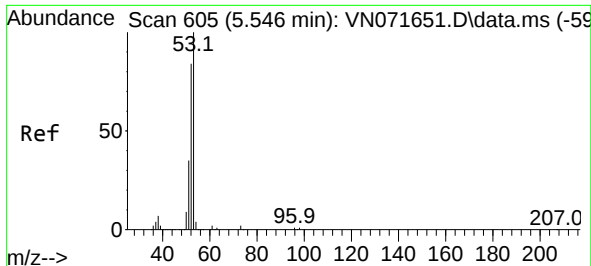
Tgt Ion: 74 Resp: 29678
Ion Ratio Lower Upper
74 100
45 4.9 42.9 128.5#



#14
Allyl chloride
Concen: 19226.652 ug/l
RT: 4.657 min Scan# 454
Delta R.T. -0.183 min
Lab File: VN072151.D
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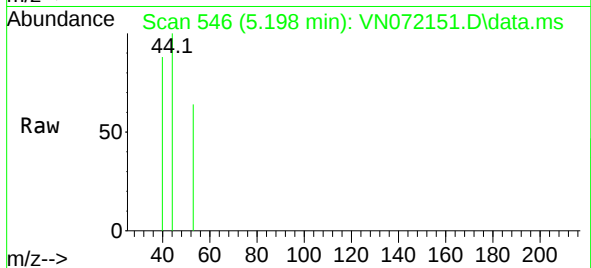
Tgt Ion: 41 Resp: 50228
Ion Ratio Lower Upper
41 100
39 53.6 53.2 79.8
76 0.0 29.9 44.9#



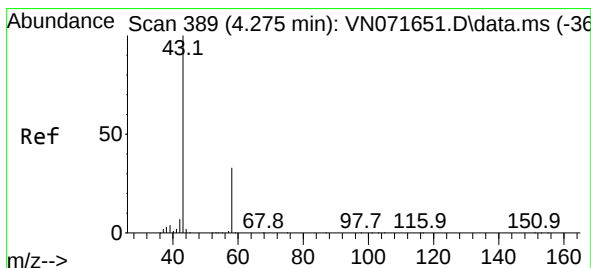
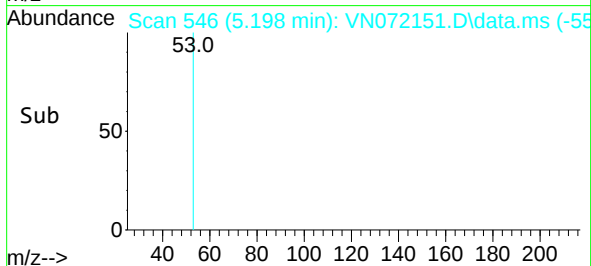
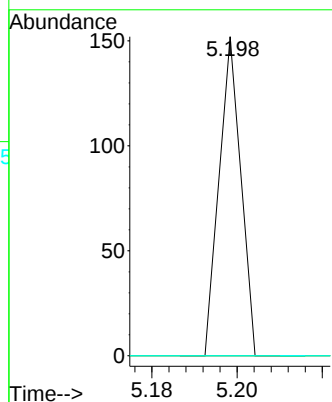


#15
Acrylonitrile
Concen: 51.424 ug/l
RT: 5.198 min Scan# 54
Delta R.T. -0.348 min
Lab File: VN072151.D
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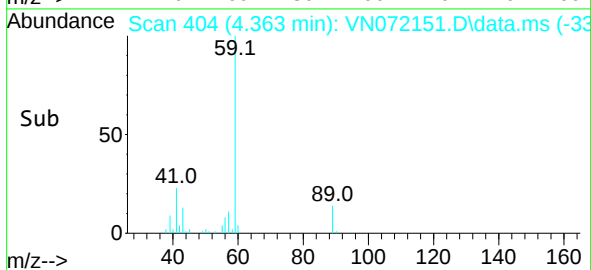
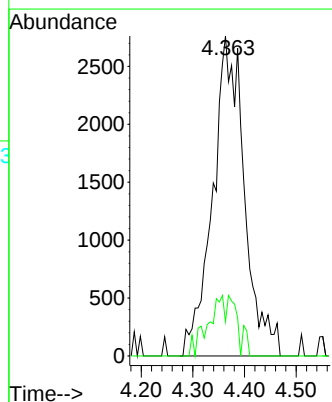
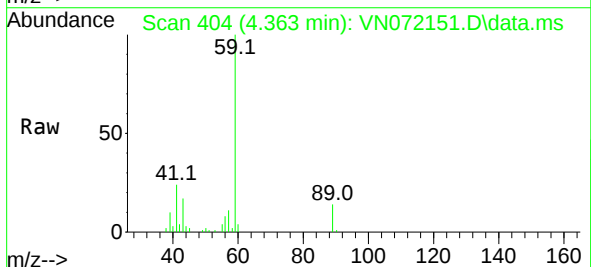


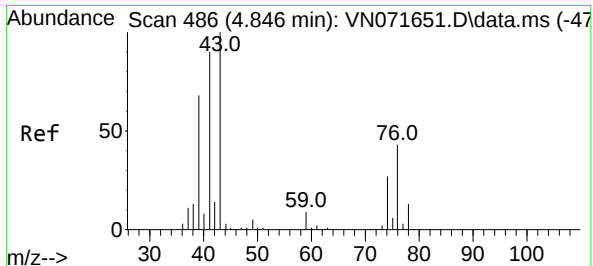
Tgt Ion: 53 Resp: 54
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 12354.718 ug/l
RT: 4.363 min Scan# 404
Delta R.T. 0.088 min
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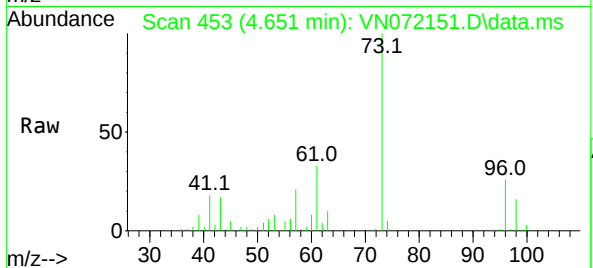
Tgt Ion: 43 Resp: 11754
Ion Ratio Lower Upper
43 100
58 10.7 26.0 39.0#



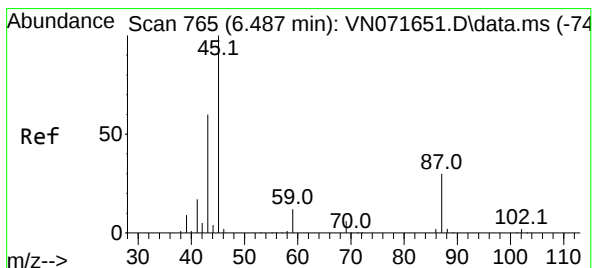
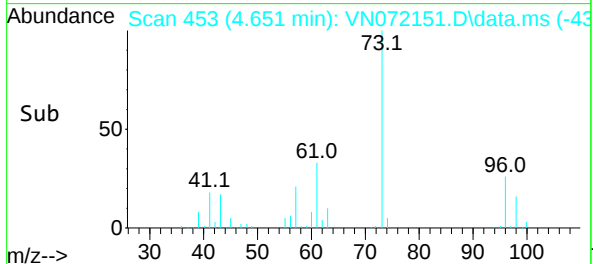
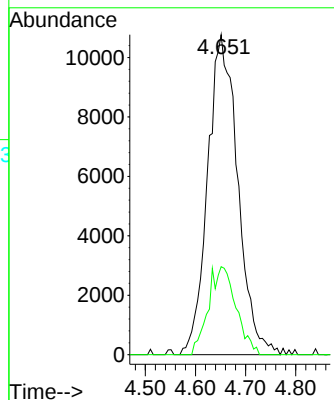


#18
Methyl Acetate
Concen: 19635.282 ug/l
RT: 4.651 min Scan# 418
Delta R.T. -0.195 min
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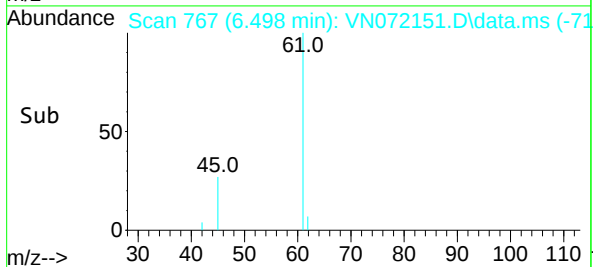
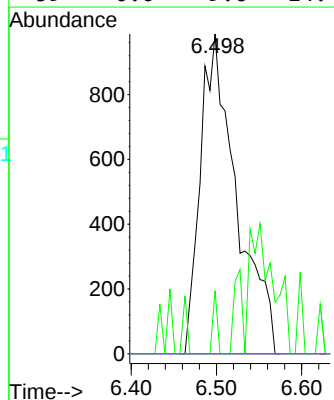
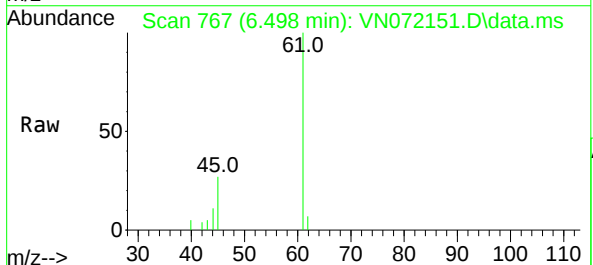


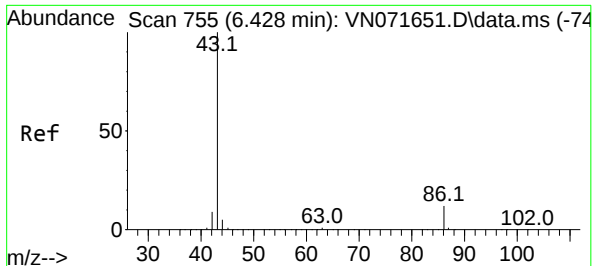
Tgt Ion: 43 Resp: 44862
Ion Ratio Lower Upper
43 100
74 25.4 21.6 32.4



#22
Diisopropyl ether
Concen: 510.442 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.011 min
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Tgt Ion: 45 Resp: 2903
Ion Ratio Lower Upper
45 100
43 19.8 46.6 70.0#
87 0.0 24.3 36.5#
59 0.0 9.6 14.4#

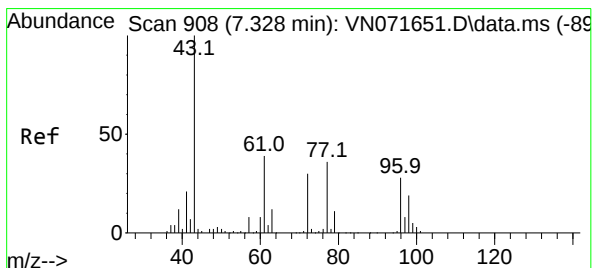
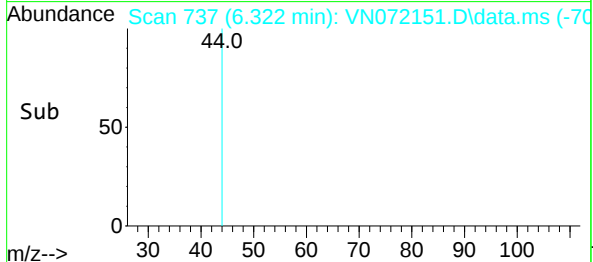
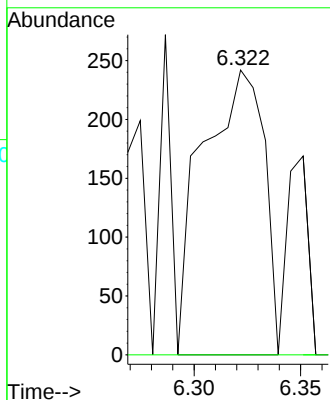
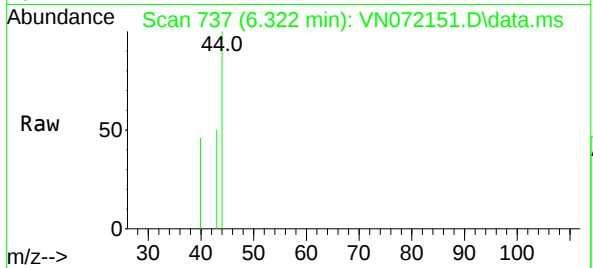




#23
 Vinyl Acetate
 Concen: 107.682 ug/l
 RT: 6.322 min Scan# 71
 Delta R.T. -0.106 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

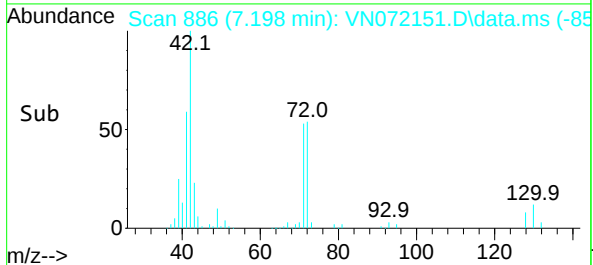
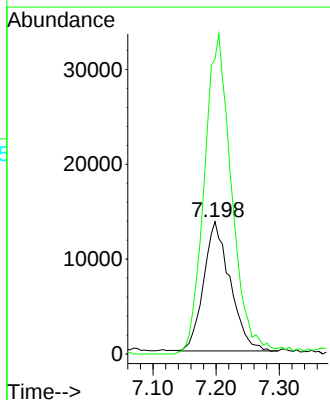
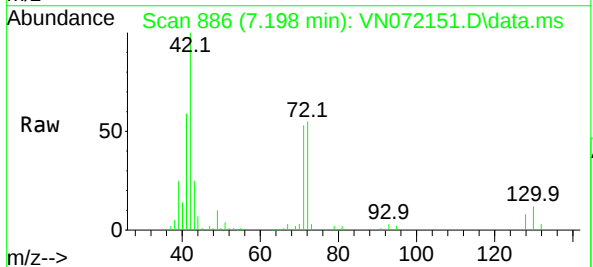
Instrument :
 MSVOA_N
 ClientSampleId :

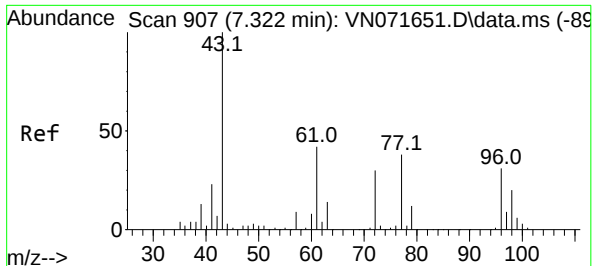
Tgt Ion: 43 Resp: 487
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 28899.880 ug/l
 RT: 7.198 min Scan# 886
 Delta R.T. -0.130 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

Tgt Ion: 43 Resp: 39637
 Ion Ratio Lower Upper
 43 100
 72 227.0 23.7 35.5#

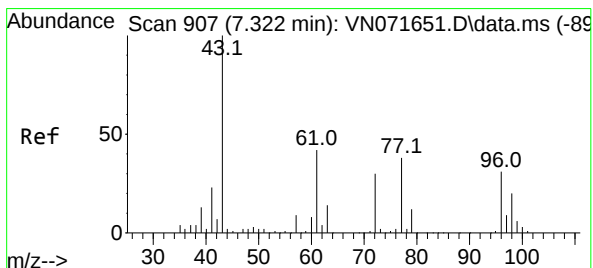
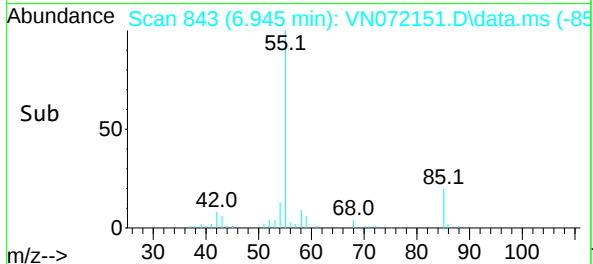
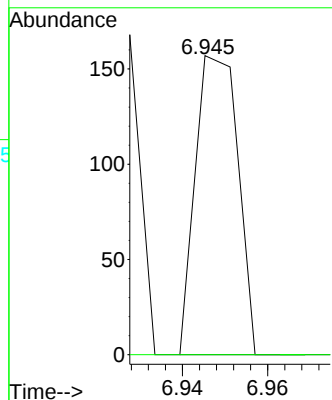
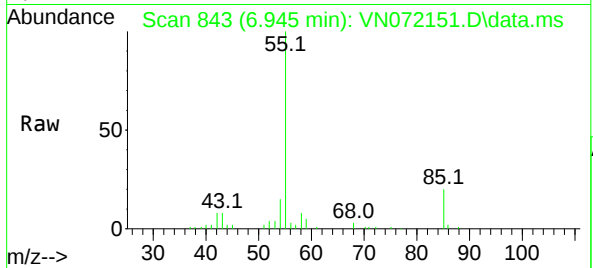




#26
2,2-Dichloropropane
Concen: 38.004 ug/l
RT: 6.945 min Scan# 84
Delta R.T. -0.377 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

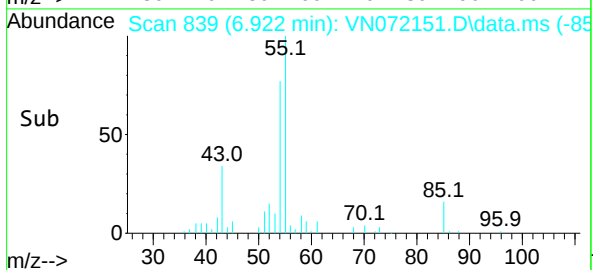
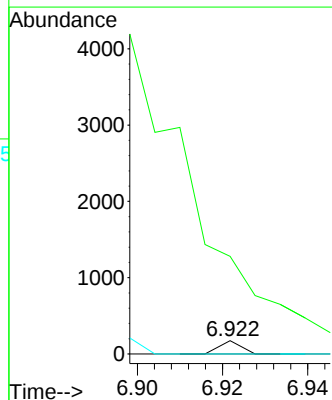
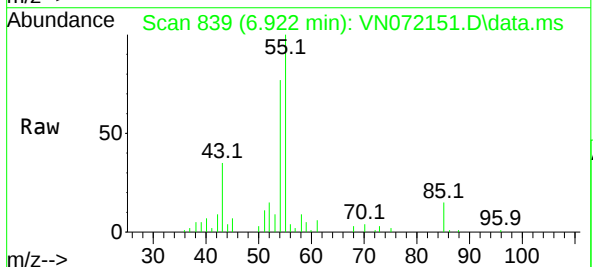
Instrument :
MSVOA_N
ClientSampleId :

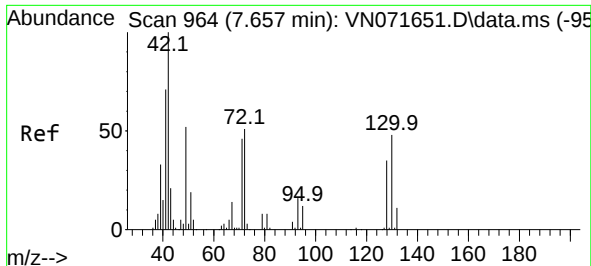
Tgt Ion: 77 Resp: 109
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#27
cis-1,2-Dichloroethene
Concen: 28.615 ug/l
RT: 6.922 min Scan# 839
Delta R.T. -0.400 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

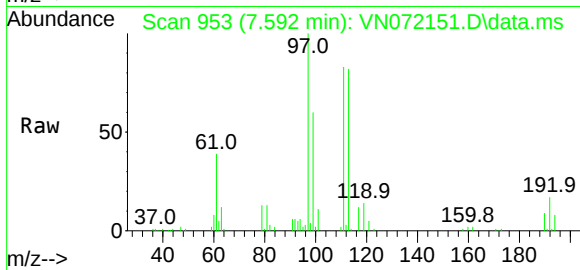
Tgt Ion: 96 Resp: 62
Ion Ratio Lower Upper
96 100
61 0.0 0.0 280.6
98 0.0 0.0 128.4



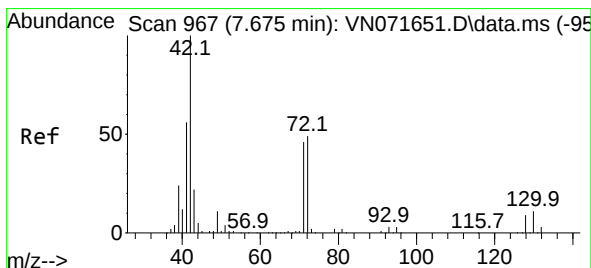
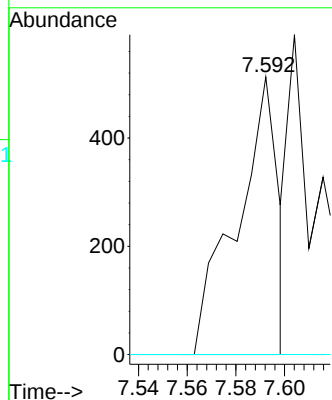
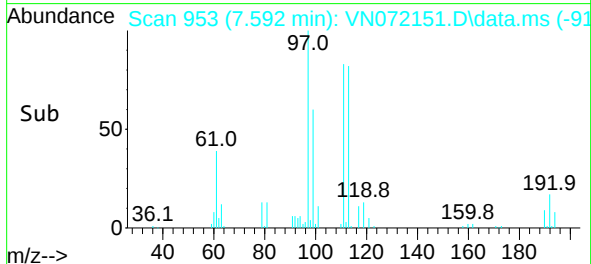


#28
Bromochloromethane
Concen: 451.437 ug/l
RT: 7.592 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

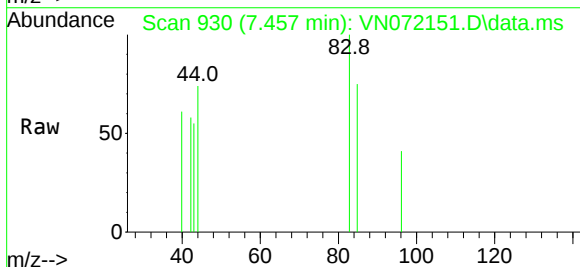
Instrument :
MSVOA_N
ClientSampleId :



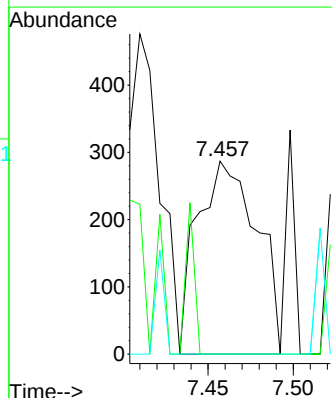
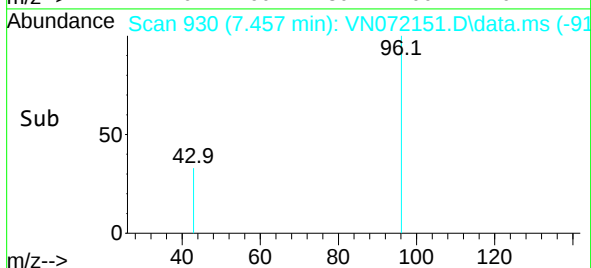
Tgt Ion: 49 Resp: 608
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#

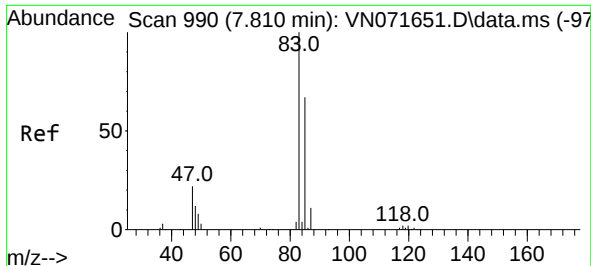


#29
Tetrahydrofuran
Concen: 785.965 ug/l
RT: 7.457 min Scan# 930
Delta R.T. -0.218 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59



Tgt Ion: 42 Resp: 698
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#

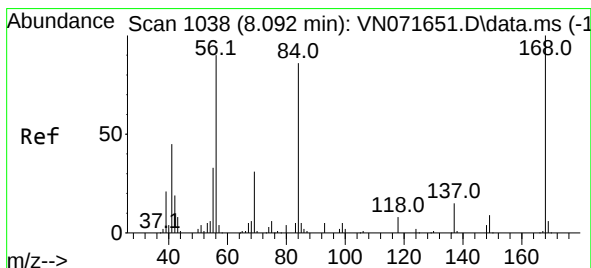
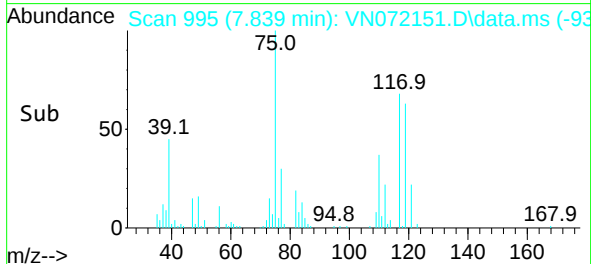
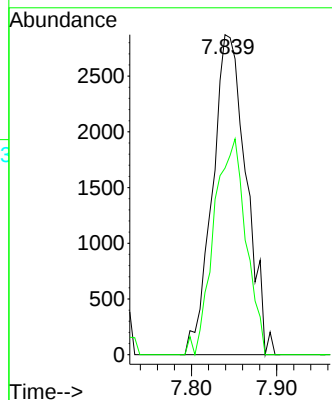
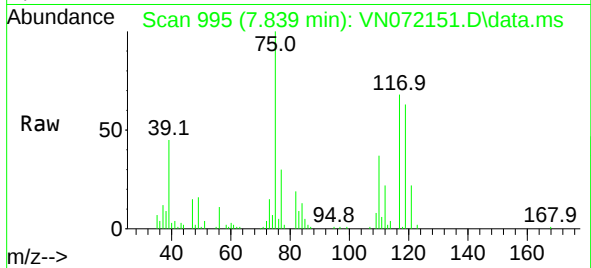




#30
Chloroform
Concen: 2236.364 ug/l
RT: 7.839 min Scan# 990
Delta R.T. 0.029 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

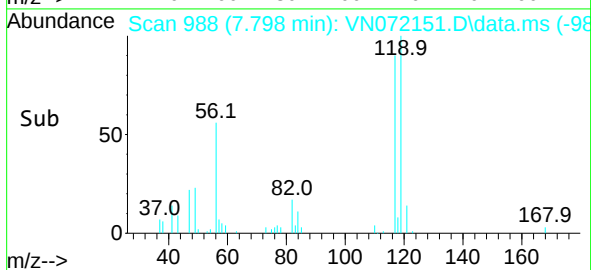
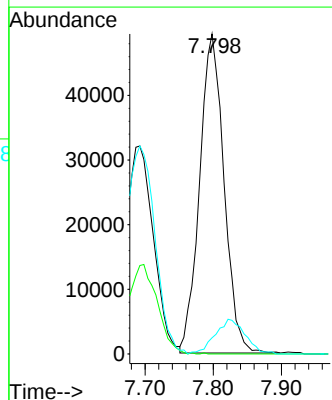
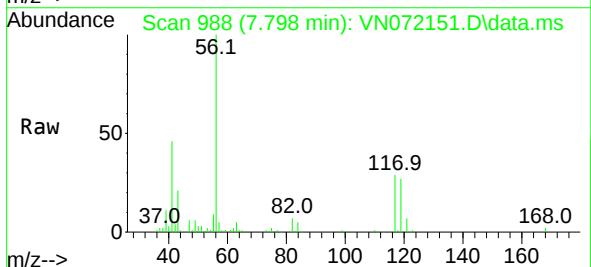
Instrument :
MSVOA_N
ClientSampleId :

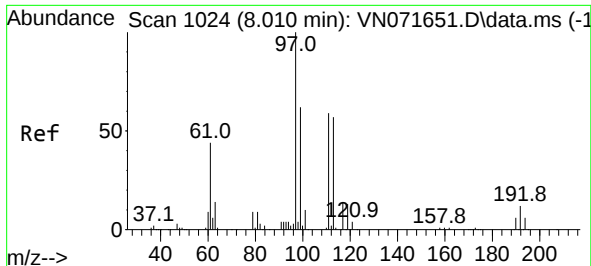
Tgt Ion: 83 Resp: 7884
Ion Ratio Lower Upper
83 100
85 58.3 51.8 77.8



#31
Cyclohexane
Concen: 40618.865 ug/l
RT: 7.798 min Scan# 988
Delta R.T. -0.294 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 56 Resp: 122971
Ion Ratio Lower Upper
56 100
69 0.0 27.8 41.8#
84 5.1 76.9 115.3#





#32

1,1,1-Trichloroethane

Concen: 27928.131 ug/l

RT: 7.598 min Scan# 91

Delta R.T. -0.412 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

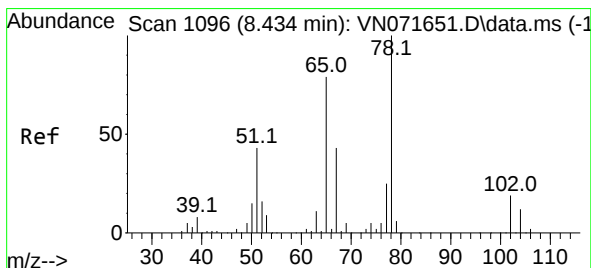
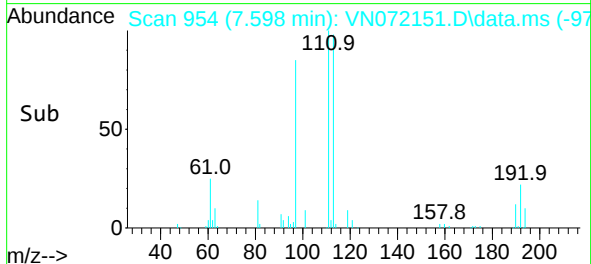
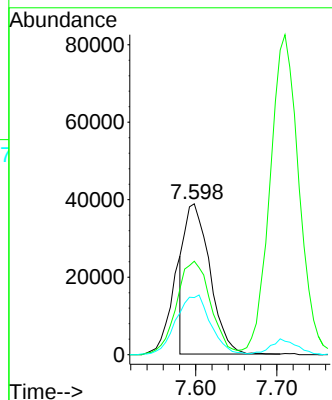
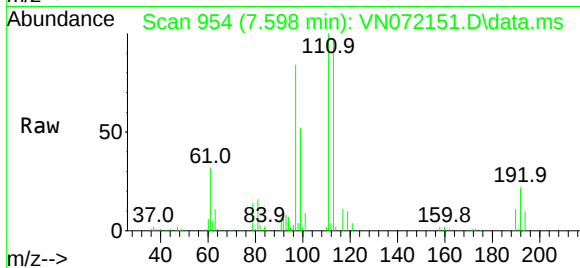
Tgt Ion: 97 Resp: 84229

Ion Ratio Lower Upper

97 100

99 59.4 50.6 76.0

61 39.4 36.0 54.0



#33

1,2-Dichloroethane-d4

Concen: 121634.973 ug/l

RT: 8.098 min Scan# 1039

Delta R.T. -0.336 min

Lab File: VN072151.D

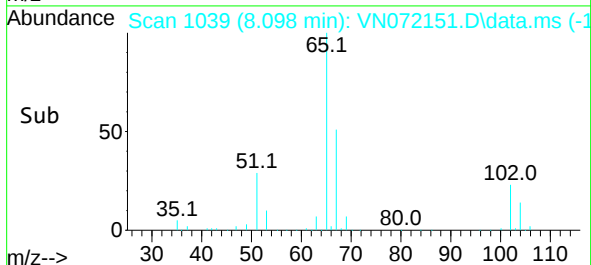
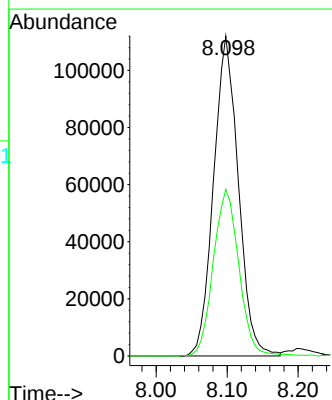
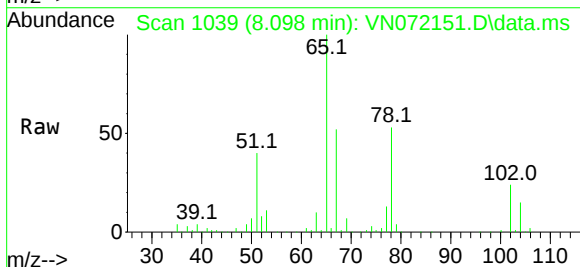
Acq: 22 Apr 2022 12:59

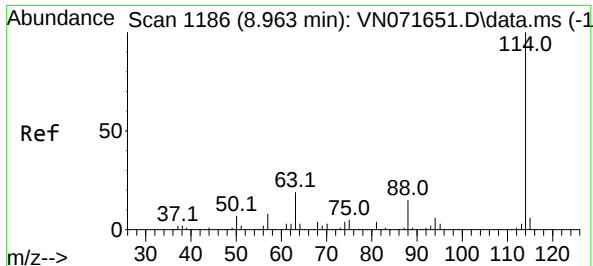
Tgt Ion: 65 Resp: 270778

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1186

Delta R.T. -0.253 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

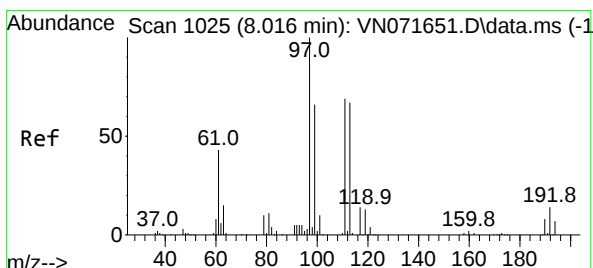
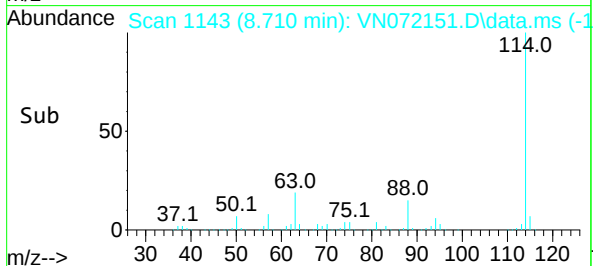
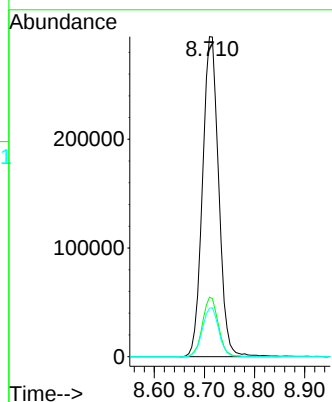
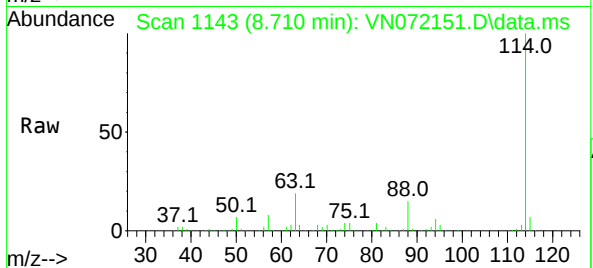
Tgt Ion:114 Resp: 659937

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 59.492 ug/l

RT: 7.616 min Scan# 957

Delta R.T. -0.400 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

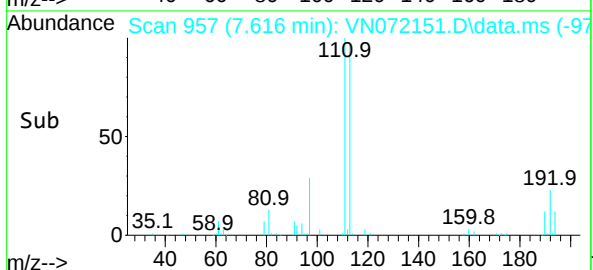
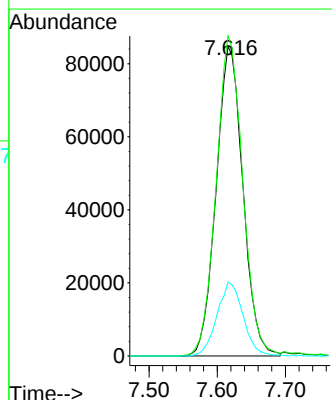
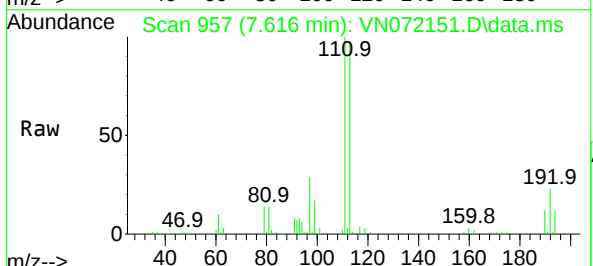
Tgt Ion:113 Resp: 231030

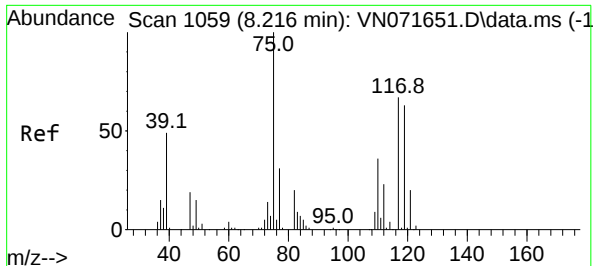
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 23.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 16.688 ug/l

RT: 7.845 min Scan# 91

Delta R.T. -0.371 min

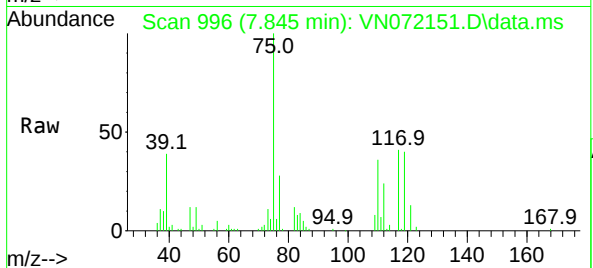
Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

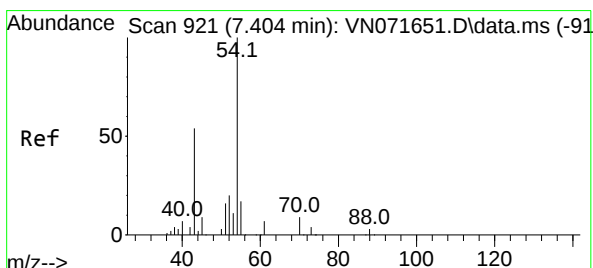
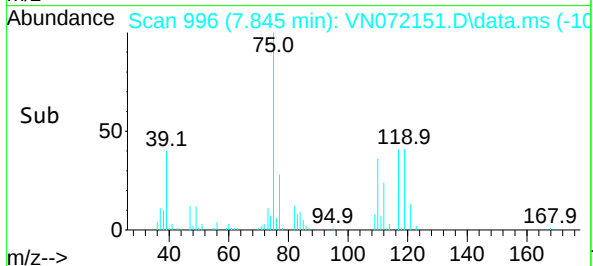
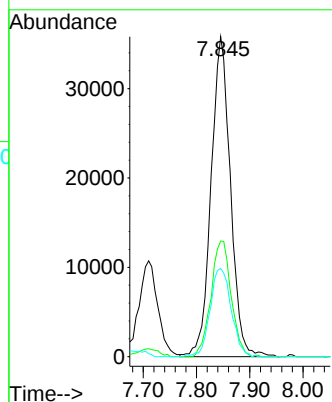
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 90496
Ion Ratio	Lower Upper
75	100
110	37.6 18.3 54.8
77	30.0 25.1 37.7



#37

Ethyl Acetate

Concen: 6.678 ug/l

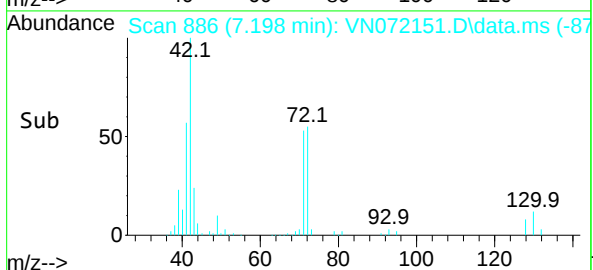
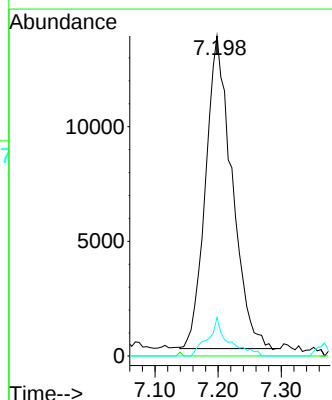
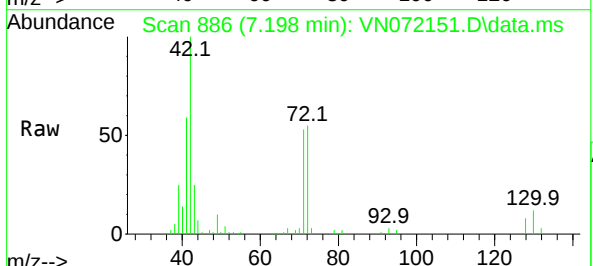
RT: 7.198 min Scan# 886

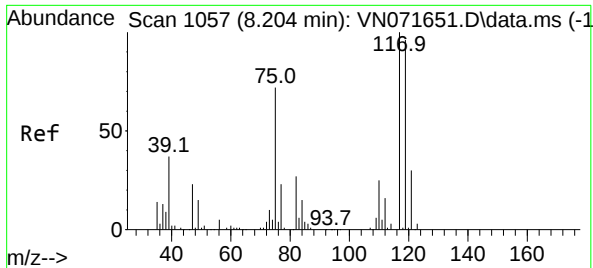
Delta R.T. -0.206 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

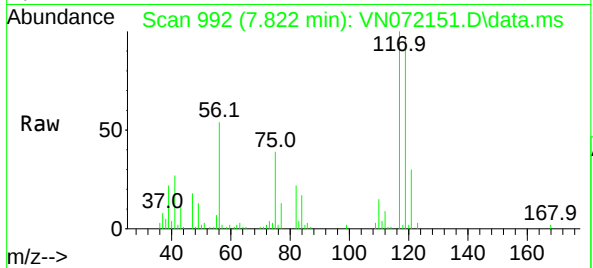
Tgt Ion: 43	Resp: 39637
Ion Ratio	Lower Upper
43	100
61	0.0 11.8 17.6#
70	9.3 9.3 13.9



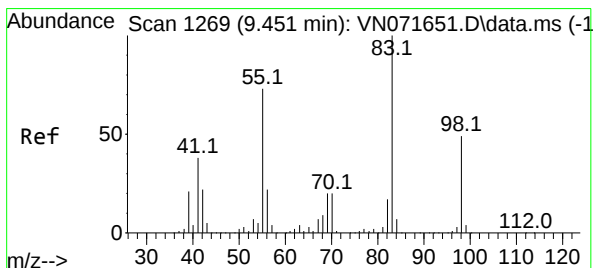
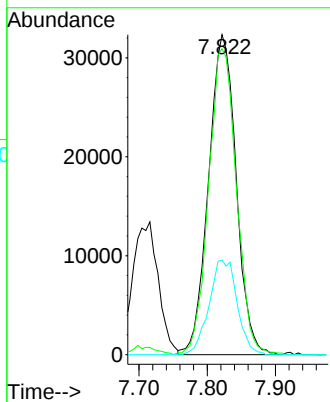
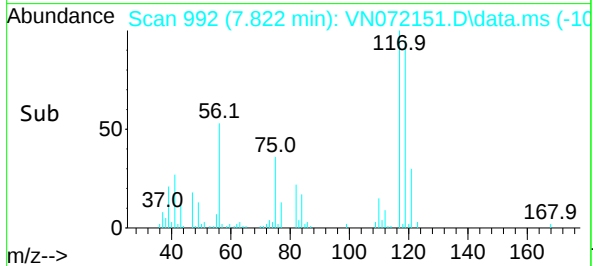


#38
Carbon Tetrachloride
Concen: 17.158 ug/l
RT: 7.822 min Scan# 911
Delta R.T. -0.382 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

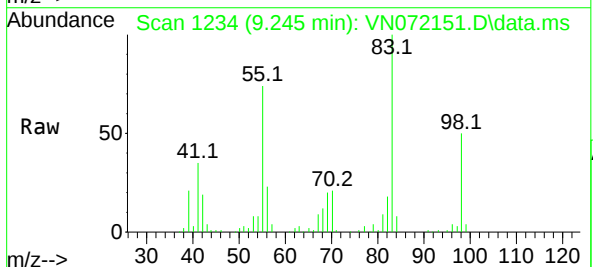
Instrument :
MSVOA_N
ClientSampleId :



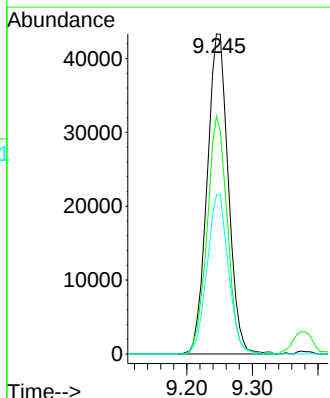
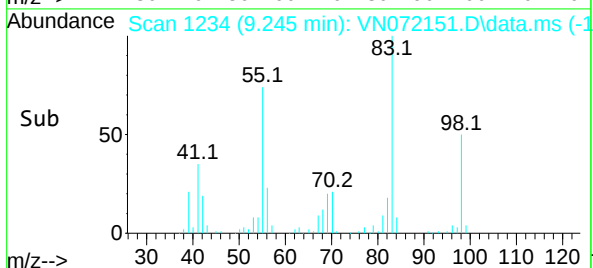
Tgt Ion:117 Resp: 91191
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
121 29.6 24.6 37.0

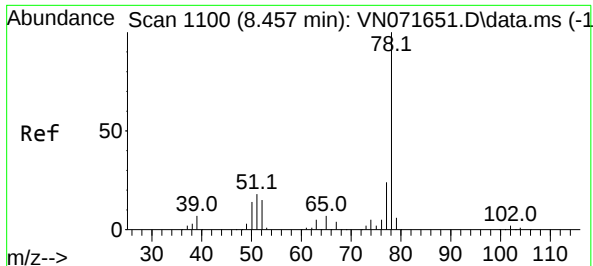


#39
Methylcyclohexane
Concen: 15.040 ug/l
RT: 9.245 min Scan# 1234
Delta R.T. -0.206 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59



Tgt Ion: 83 Resp: 97086
Ion Ratio Lower Upper
83 100
55 74.3 57.8 86.8
98 49.7 39.4 59.2

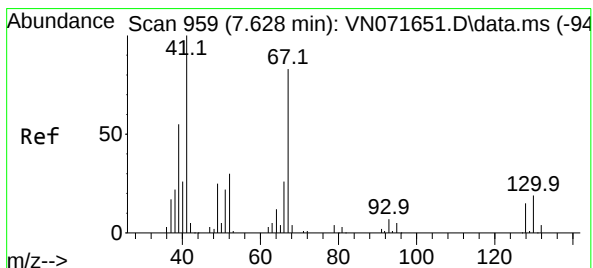
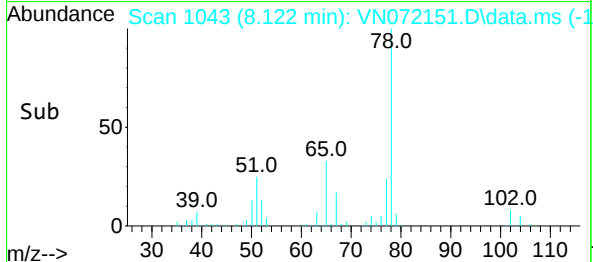
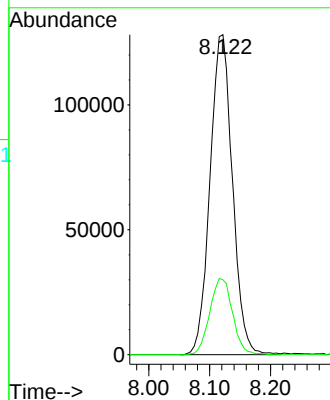
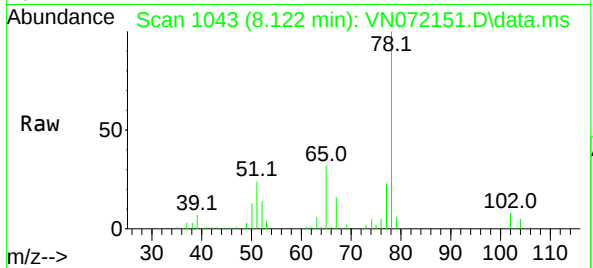




#40
Benzene
Concen: 19.134 ug/l
RT: 8.122 min Scan# 1043
Delta R.T. -0.335 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

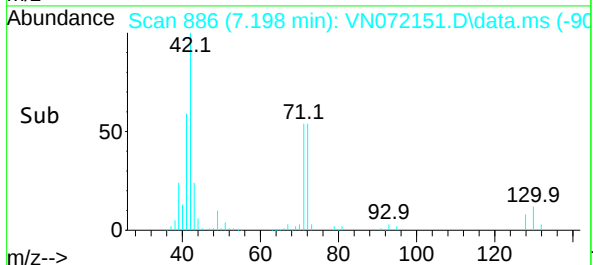
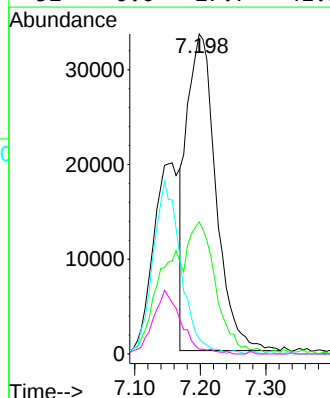
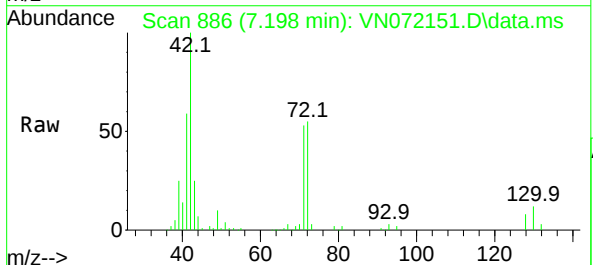
Instrument :
MSVOA_N
ClientSampleId :

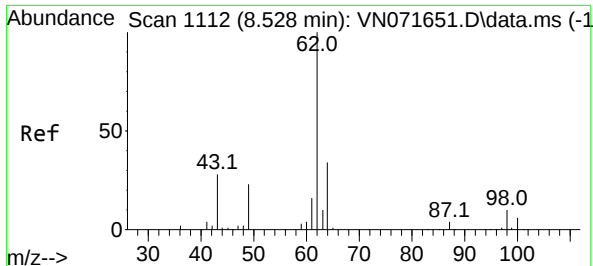
Tgt Ion: 78 Resp: 327784
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#41
Methacrylonitrile
Concen: 35.726 ug/l
RT: 7.198 min Scan# 886
Delta R.T. -0.430 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 41 Resp: 103830
Ion Ratio Lower Upper
41 100
39 38.3 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 19.134 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.324 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

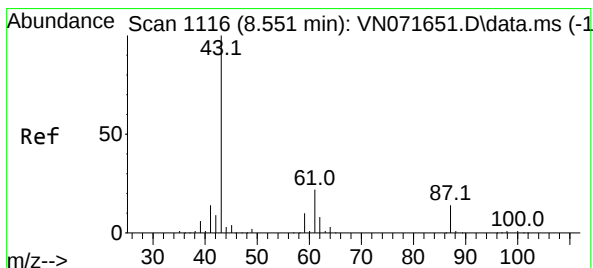
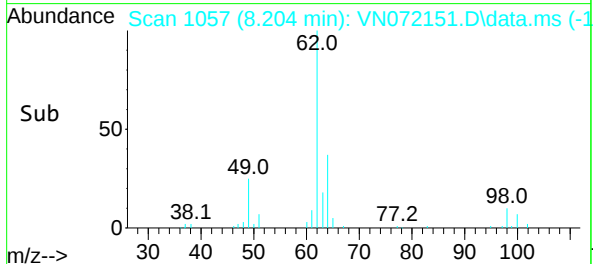
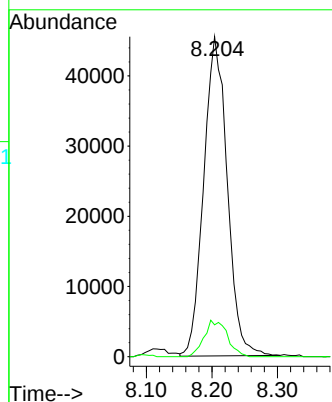
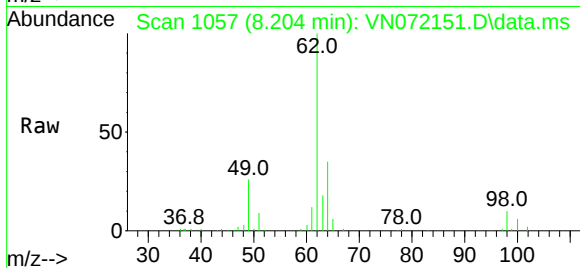
ClientSampleId :

Tgt Ion: 62 Resp: 113385

Ion Ratio Lower Upper

62 100

98 11.2 0.0 19.4



#43

Isopropyl Acetate

Concen: 17.271 ug/l

RT: 8.263 min Scan# 1067

Delta R.T. -0.288 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

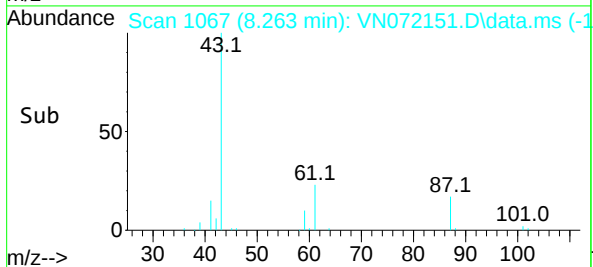
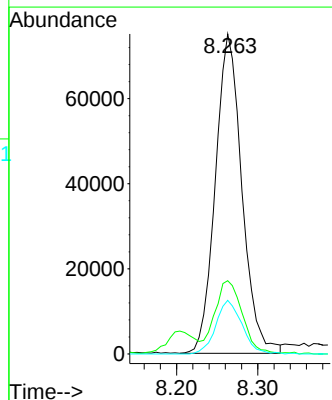
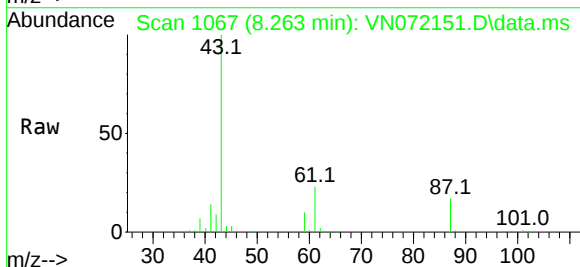
Tgt Ion: 43 Resp: 170509

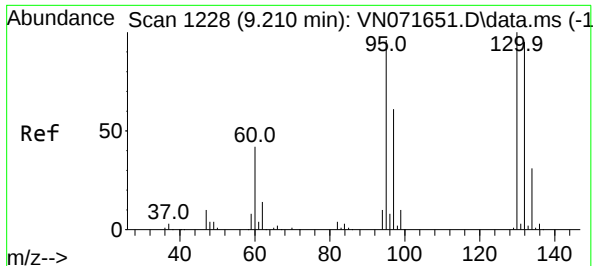
Ion Ratio Lower Upper

43 100

61 23.3 21.9 32.9

87 16.5 12.0 18.0

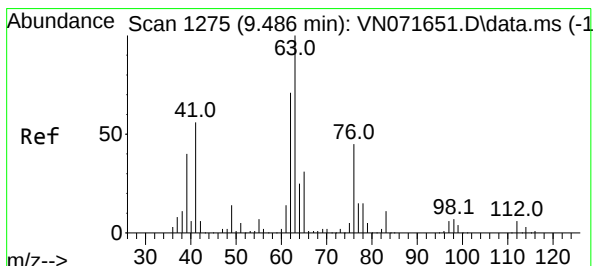
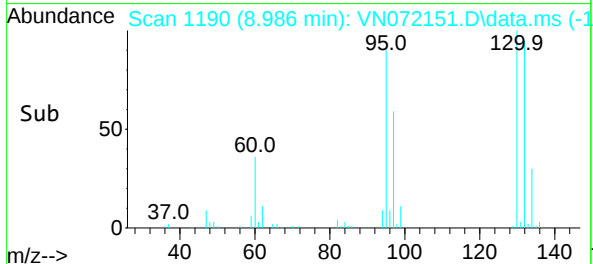
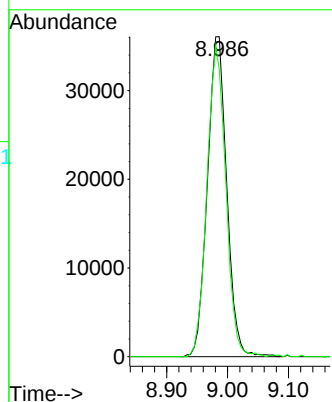
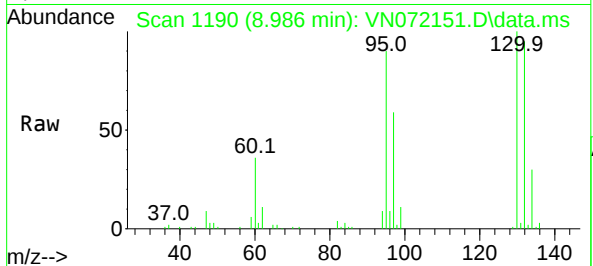




#44
Trichloroethene
Concen: 18.051 ug/l
RT: 8.986 min Scan# 1190
Delta R.T. -0.224 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

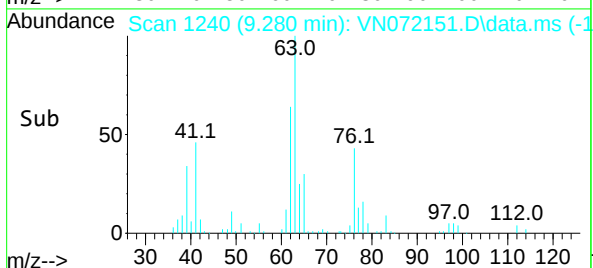
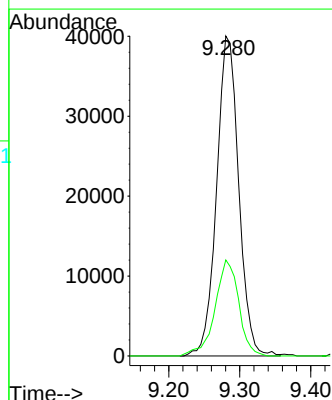
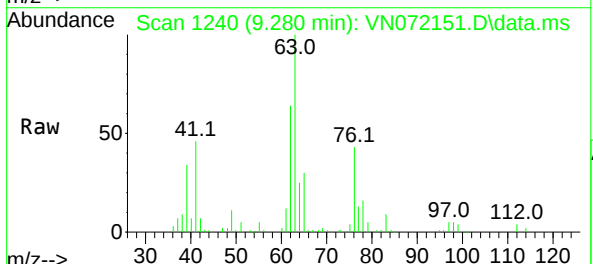
Instrument :
MSVOA_N
ClientSampleId :

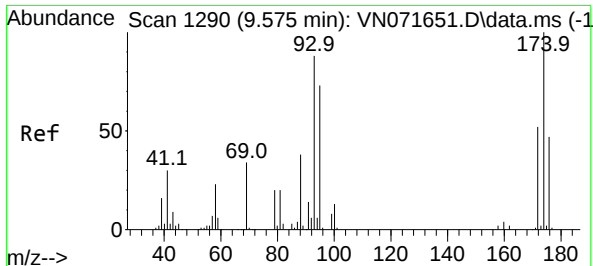
Tgt Ion:130 Resp: 79665
Ion Ratio Lower Upper
130 100
95 89.8 0.0 186.8



#45
1,2-Dichloropropane
Concen: 20.175 ug/l
RT: 9.280 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 63 Resp: 86340
Ion Ratio Lower Upper
63 100
65 30.0 24.9 37.3





#46

Dibromomethane

Concen: 21.596 ug/l

RT: 9.380 min Scan# 11

Delta R.T. -0.195 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

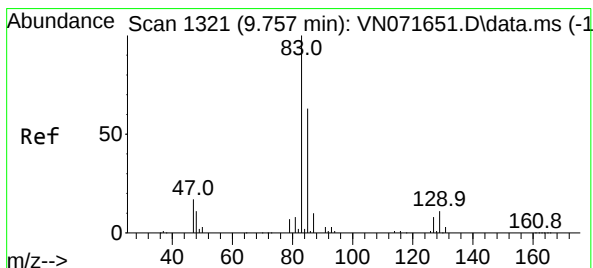
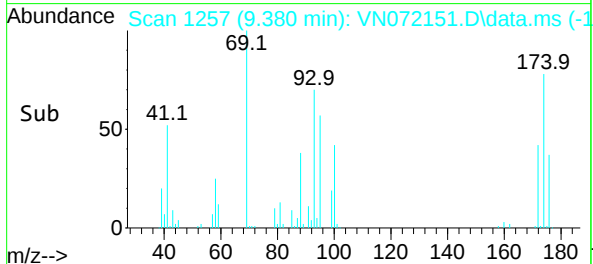
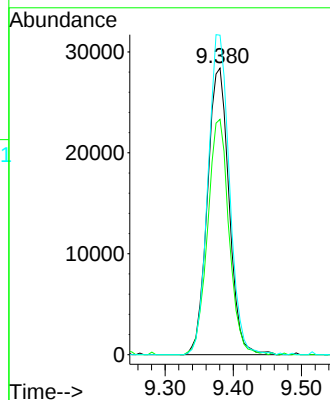
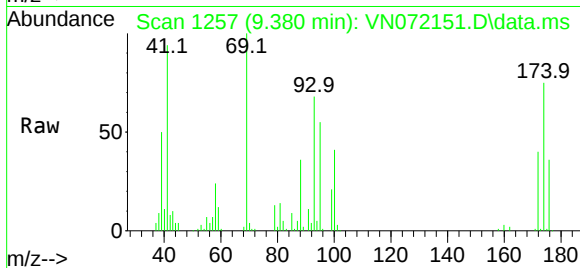
Tgt Ion: 93 Resp: 62752

Ion Ratio Lower Upper

93 100

95 81.2 66.9 100.3

174 110.6 86.6 130.0



#47

Bromodichloromethane

Concen: 20.611 ug/l

RT: 9.586 min Scan# 1292

Delta R.T. -0.171 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

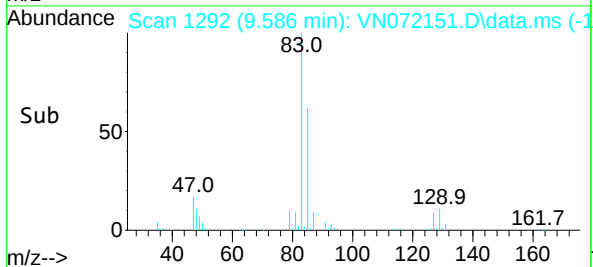
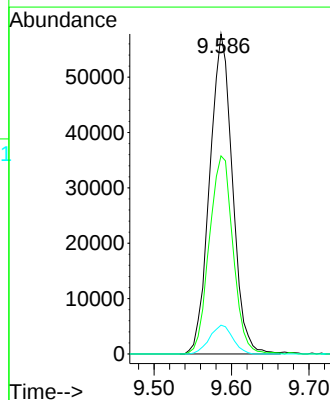
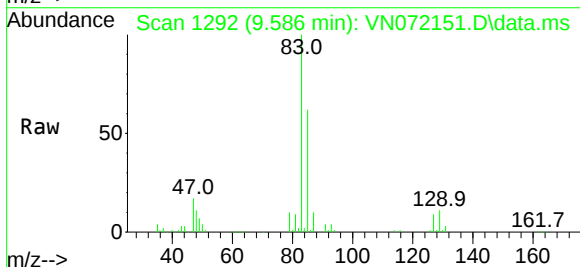
Tgt Ion: 83 Resp: 117889

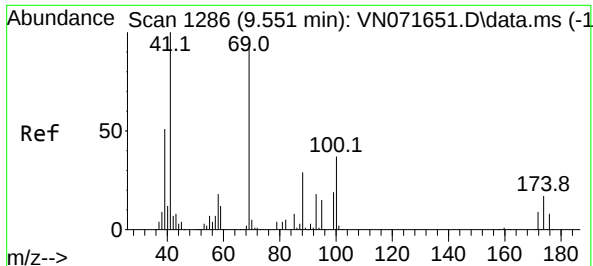
Ion Ratio Lower Upper

83 100

85 61.9 50.5 75.7

127 9.0 6.8 10.2





#48

Methyl methacrylate

Concen: 9.155 ug/l

RT: 9.286 min Scan# 11

Delta R.T. -0.265 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

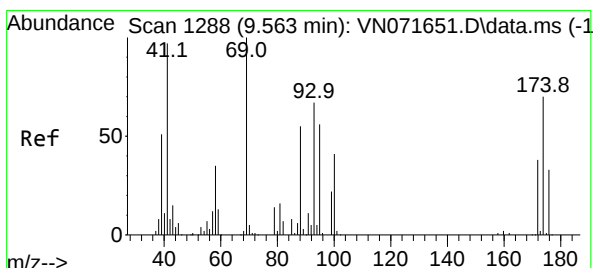
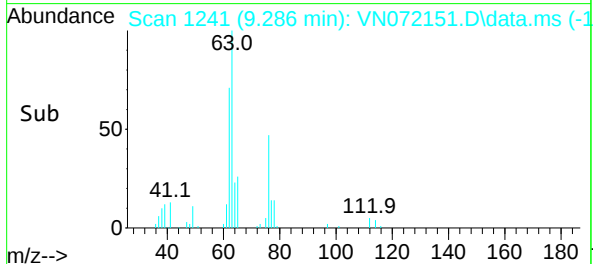
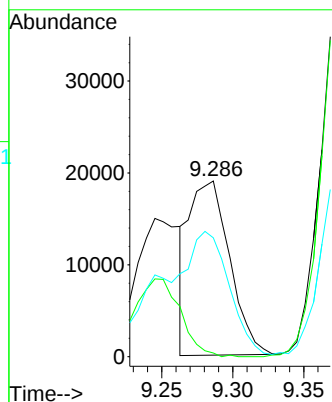
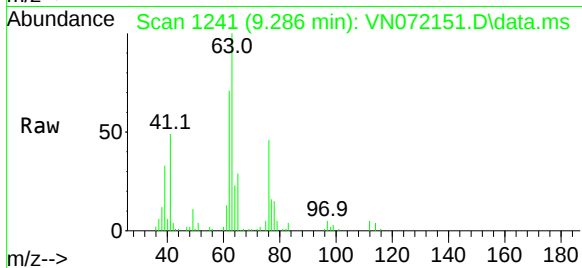
Tgt Ion: 41 Resp: 37498

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 121.8 45.6 68.4#



#49

1,4-Dioxane

Concen: 360.664 ug/l

RT: 9.375 min Scan# 1256

Delta R.T. -0.188 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

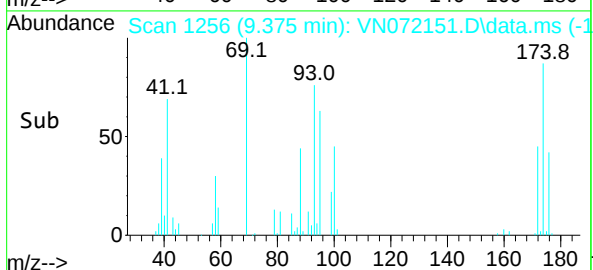
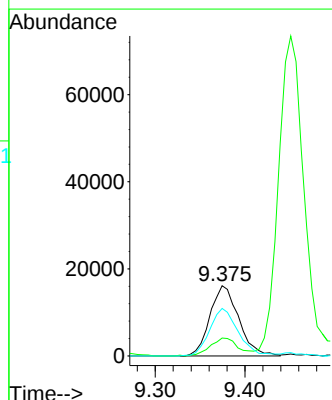
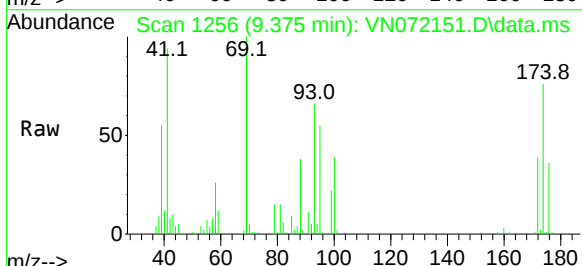
Tgt Ion: 88 Resp: 35905

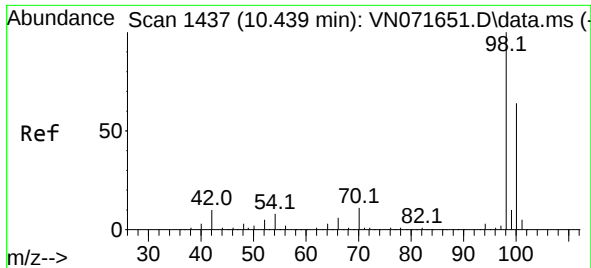
Ion Ratio Lower Upper

88 100

43 25.4 20.2 30.4

58 67.0 54.2 81.4

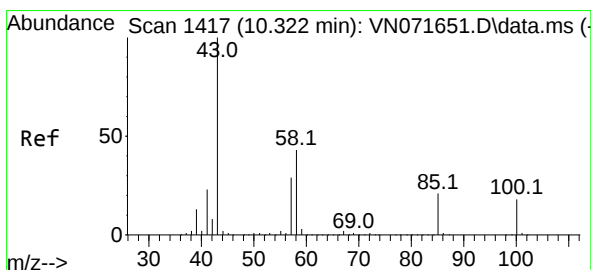
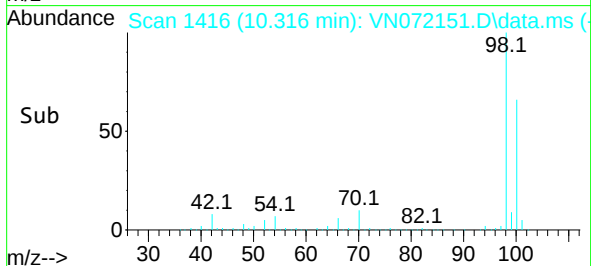
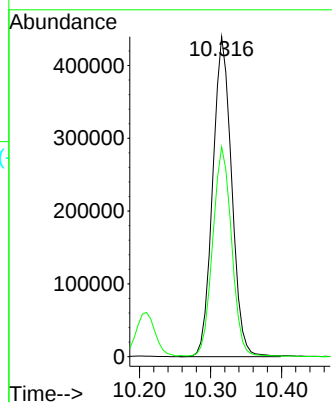
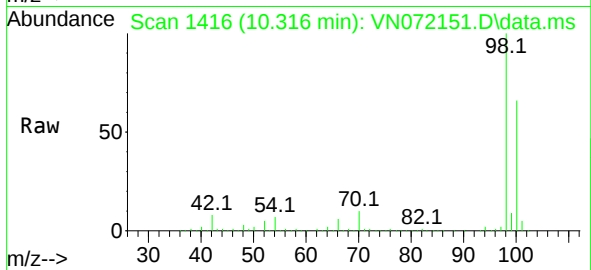




#50
Toluene-d8
Concen: 51.160 ug/l
RT: 10.316 min Scan# 1437
Delta R.T. -0.123 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

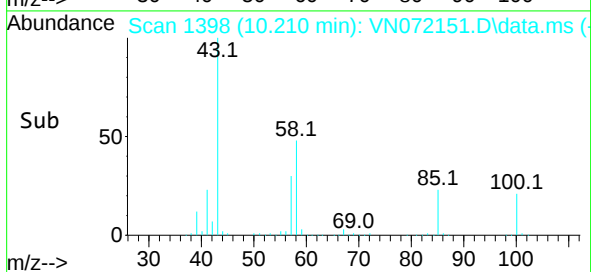
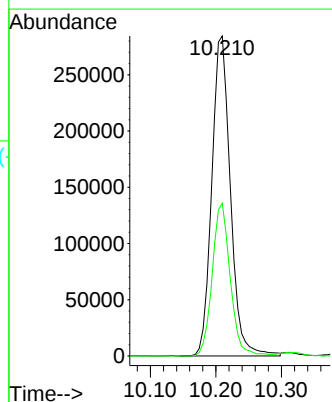
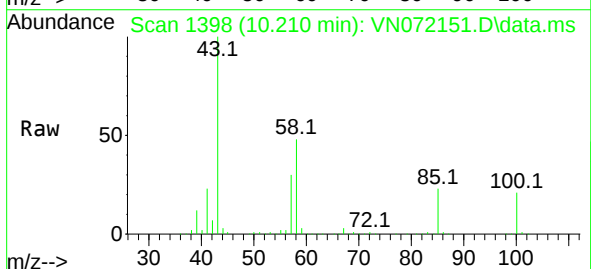
Instrument :
MSVOA_N
ClientSampleId :

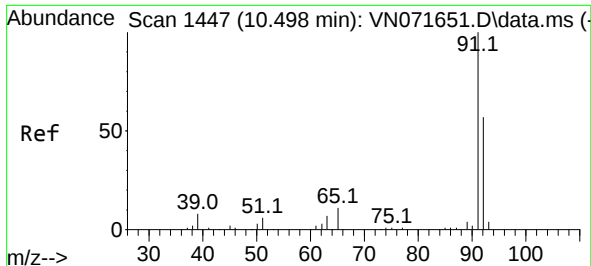
Tgt Ion: 98 Resp: 812720
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 98.850 ug/l
RT: 10.210 min Scan# 1398
Delta R.T. -0.112 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 43 Resp: 561099
Ion Ratio Lower Upper
43 100
58 46.1 34.1 51.1

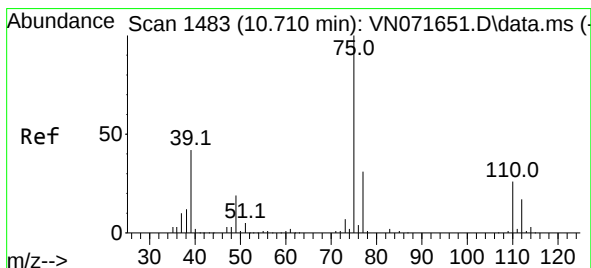
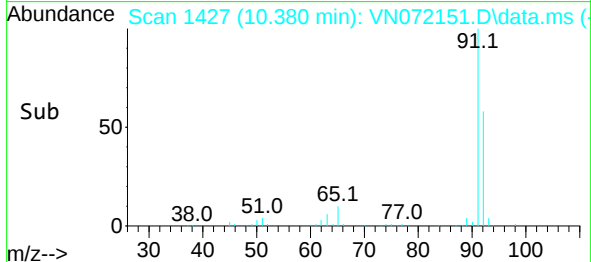
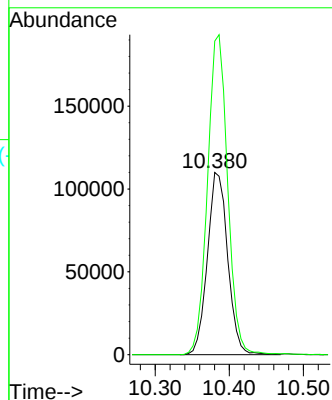
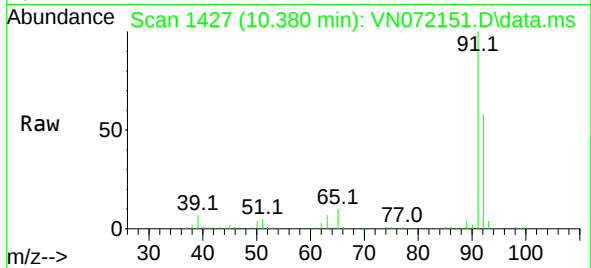




#52
Toluene
Concen: 19.332 ug/l
RT: 10.380 min Scan# 1447
Delta R.T. -0.118 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

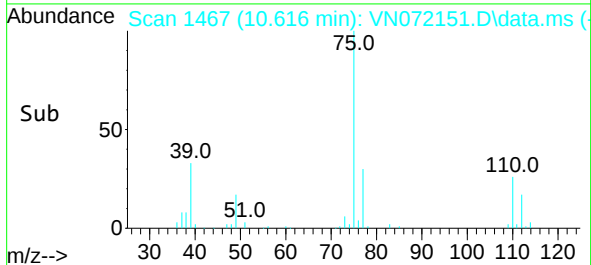
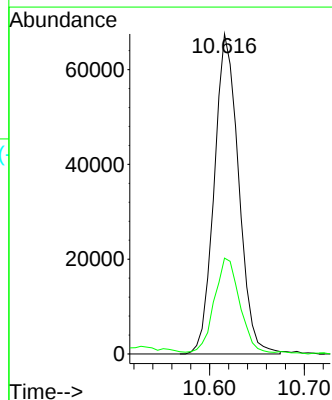
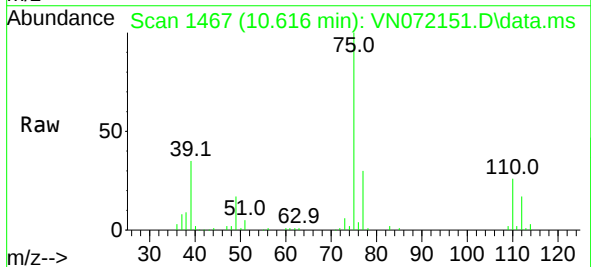
Instrument :
MSVOA_N
ClientSampleId :

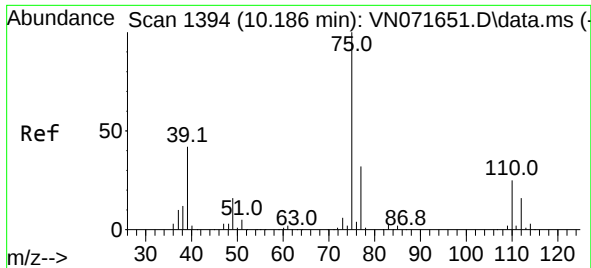
Tgt Ion: 92 Resp: 209346
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 20.173 ug/l
RT: 10.616 min Scan# 1467
Delta R.T. -0.094 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

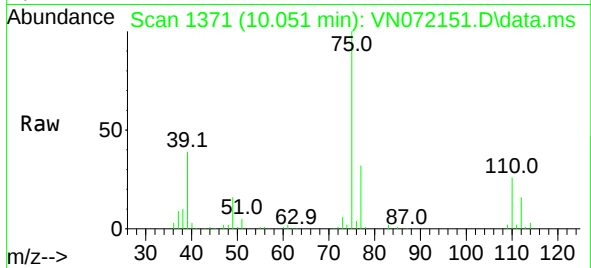
Tgt Ion: 75 Resp: 120931
Ion Ratio Lower Upper
75 100
77 29.2 25.6 38.4





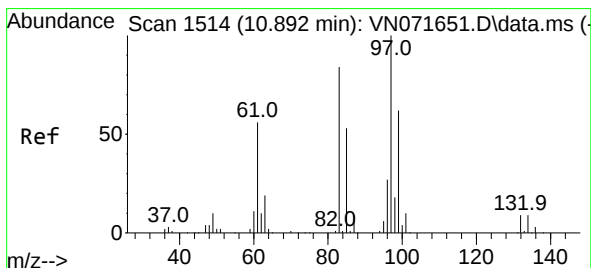
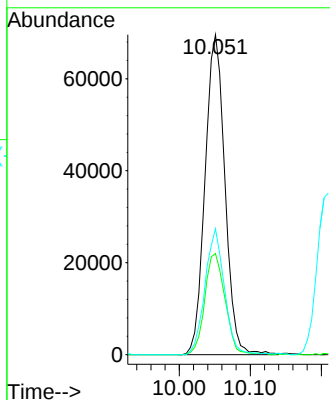
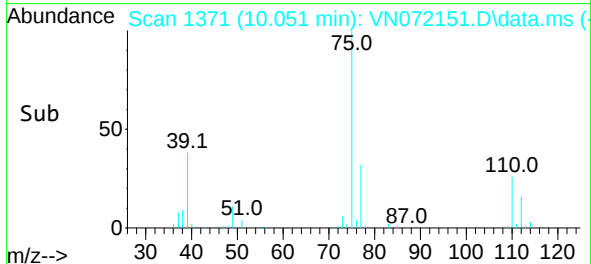
#54
 cis-1,3-Dichloropropene
 Concen: 20.438 ug/l
 RT: 10.051 min Scan# 1499
 Delta R.T. -0.135 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

Instrument :
 MSVOA_N
 ClientSampleId :

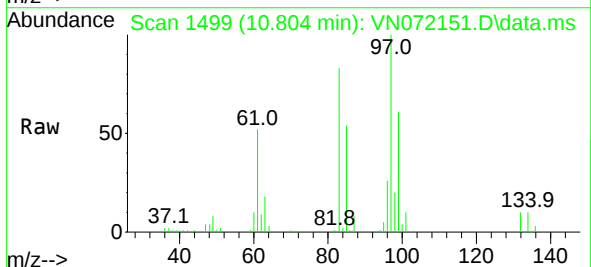


Tgt Ion: 75 Resp: 135376

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8
39	39.3	35.7	53.5

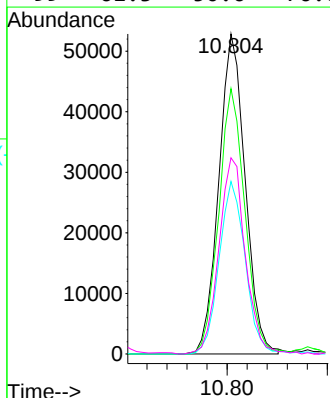
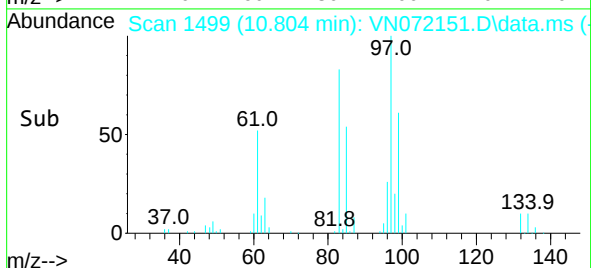


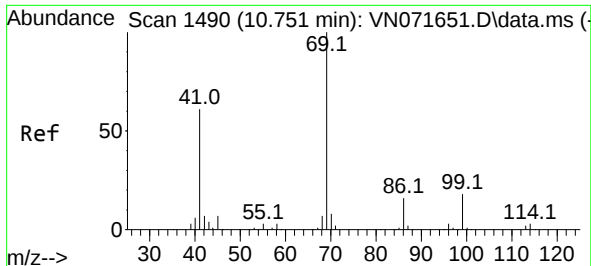
#55
 1,1,2-Trichloroethane
 Concen: 21.599 ug/l
 RT: 10.804 min Scan# 1499
 Delta R.T. -0.088 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59



Tgt Ion: 97 Resp: 96262

Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.2	99.4
85	53.9	43.9	65.9
99	61.3	50.6	76.0

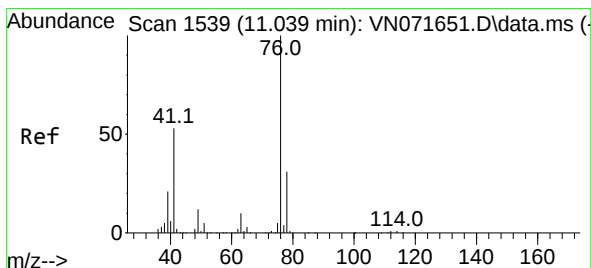
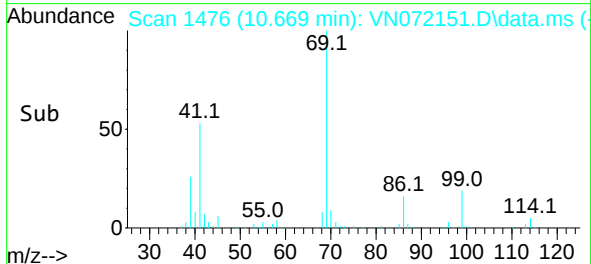
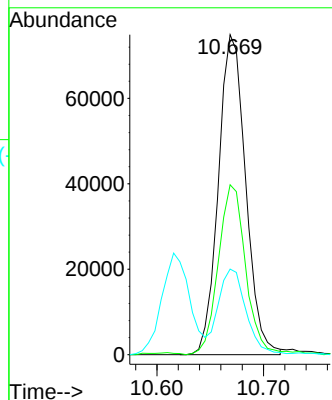
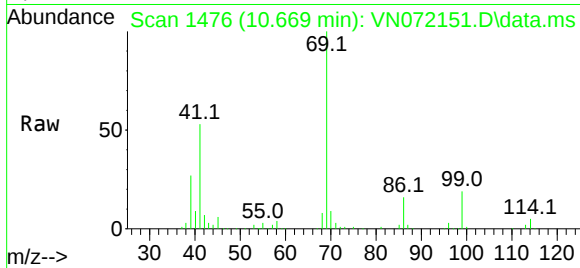




#56
Ethyl methacrylate
Concen: 20.953 ug/l
RT: 10.669 min Scan# 1490
Delta R.T. -0.082 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

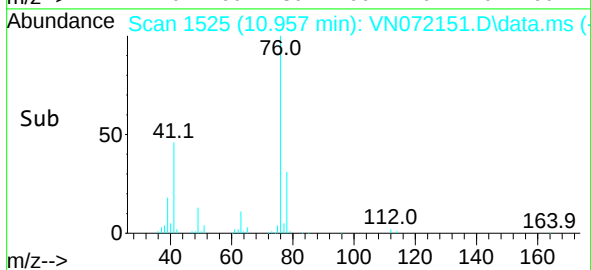
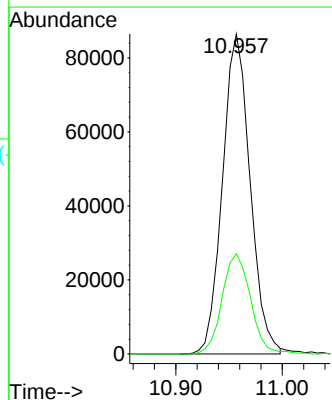
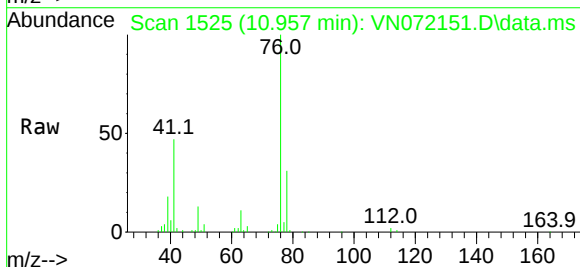
Instrument :
MSVOA_N
ClientSampleId :

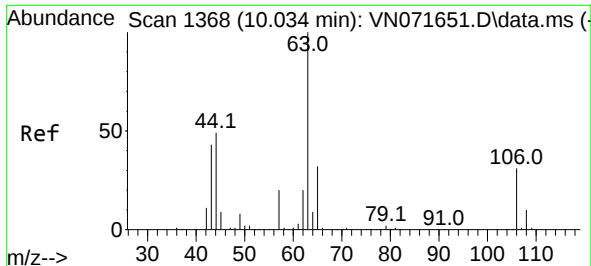
Tgt Ion: 69 Resp: 133213
Ion Ratio Lower Upper
69 100
41 52.9 47.8 71.6
39 25.9 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 20.874 ug/l
RT: 10.957 min Scan# 1525
Delta R.T. -0.082 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 76 Resp: 155541
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.2

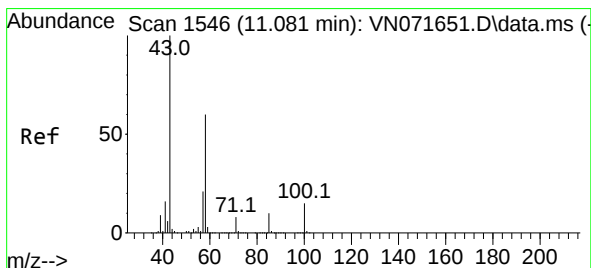
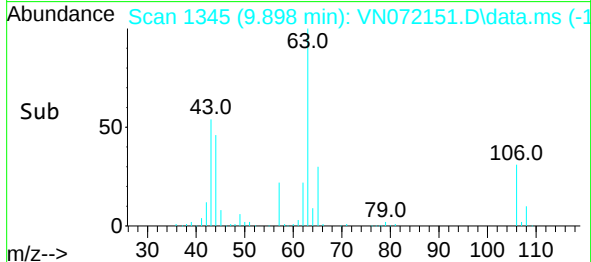
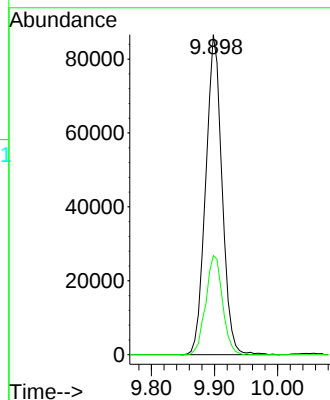
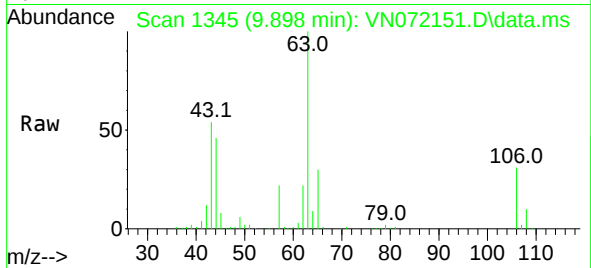




#58
2-Chloroethyl Vinyl ether
Concen: 91.065 ug/l
RT: 9.898 min Scan# 1155
Delta R.T. -0.136 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

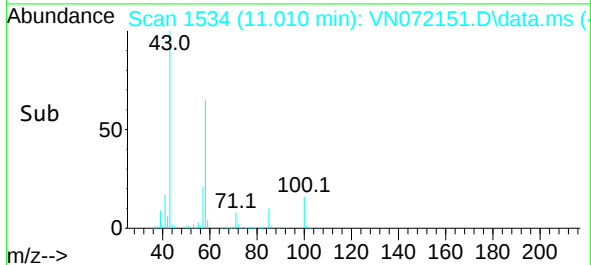
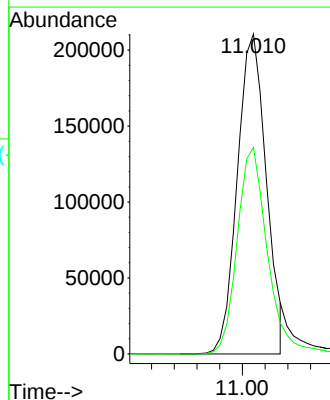
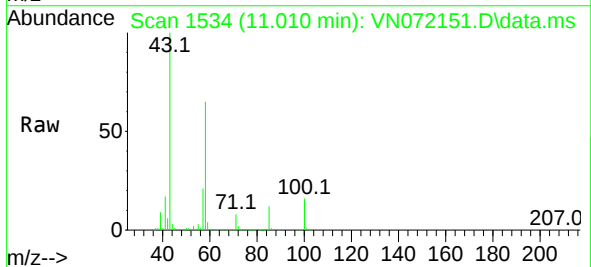
Instrument :
MSVOA_N
ClientSampleId :

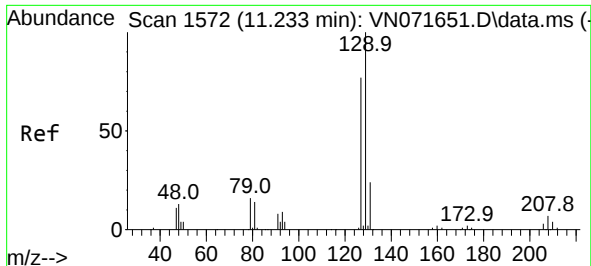
Tgt Ion: 63 Resp: 155595
Ion Ratio Lower Upper
63 100
106 31.8 24.6 36.8



#59
2-Hexanone
Concen: 93.073 ug/l
RT: 11.010 min Scan# 1534
Delta R.T. -0.071 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 43 Resp: 371955
Ion Ratio Lower Upper
43 100
58 63.8 29.7 89.1

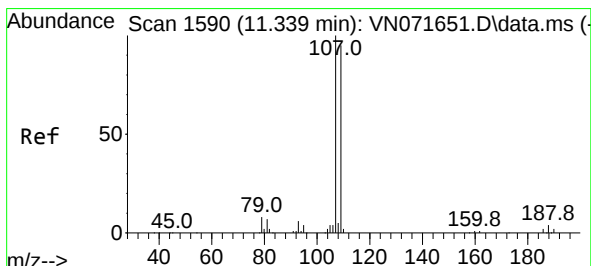
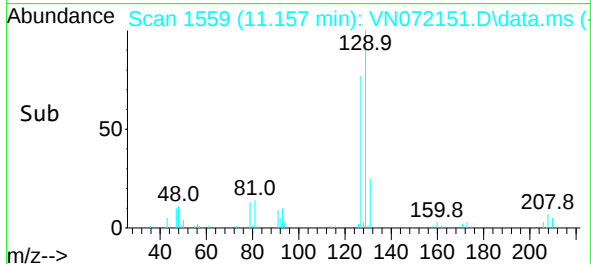
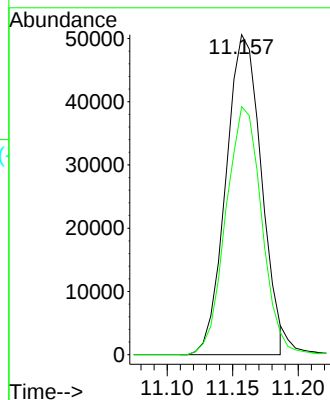
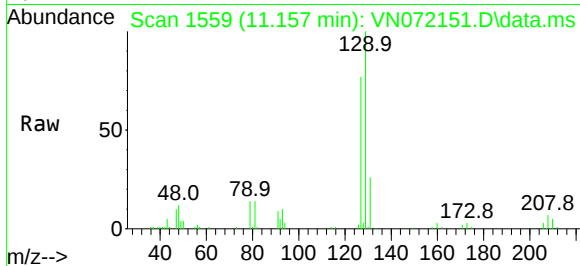




#60
Dibromochloromethane
Concen: 21.866 ug/l
RT: 11.157 min Scan# 11
Delta R.T. -0.076 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

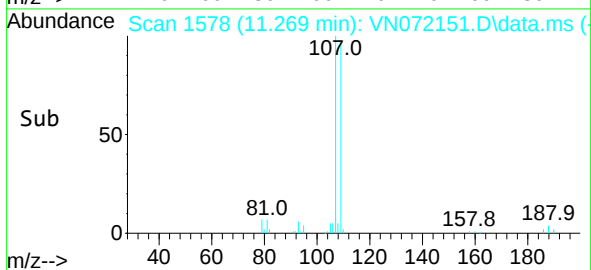
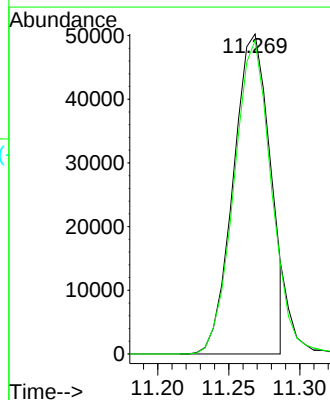
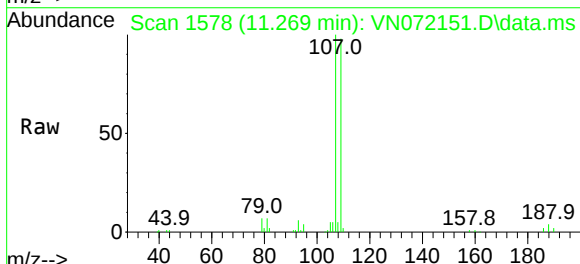
Instrument :
MSVOA_N
ClientSampleId :

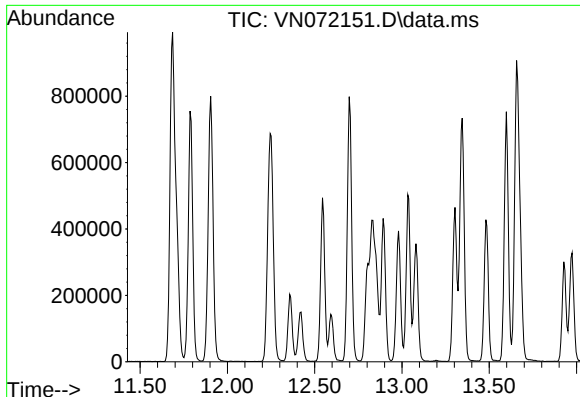
Tgt Ion:129 Resp: 95019
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4



#61
1,2-Dibromoethane
Concen: 20.702 ug/l
RT: 11.269 min Scan# 1578
Delta R.T. -0.070 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion:107 Resp: 90821
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6

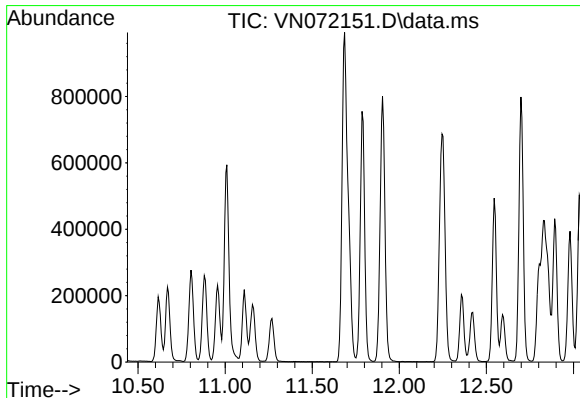
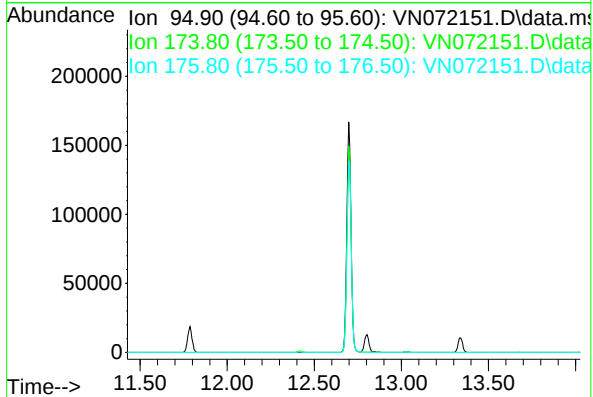




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.73 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

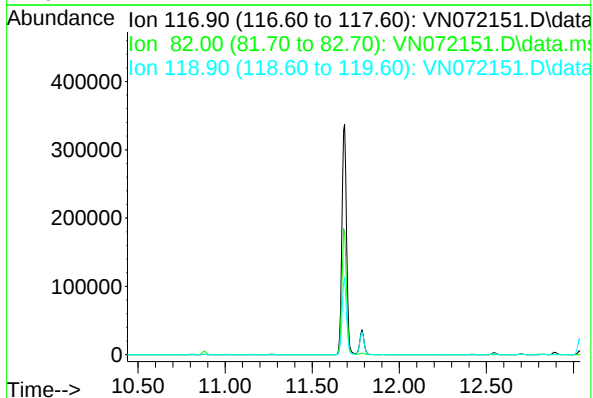
Instrument :
 MSVOA_N
 ClientSampleId :

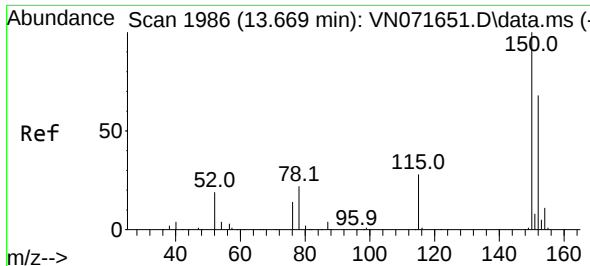
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 83.8
 176 81.7



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.74 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

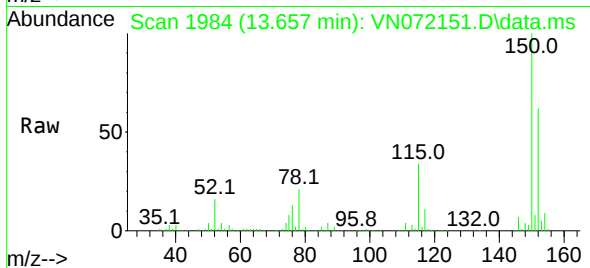
Tgt Ion: 117
 Sig Exp Ratio
 117 100
 82 55.2
 119 31.7



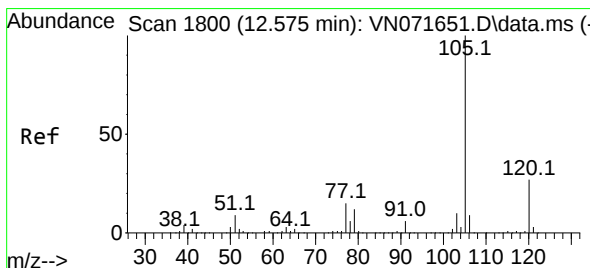
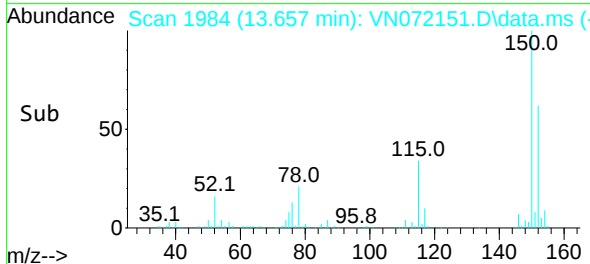
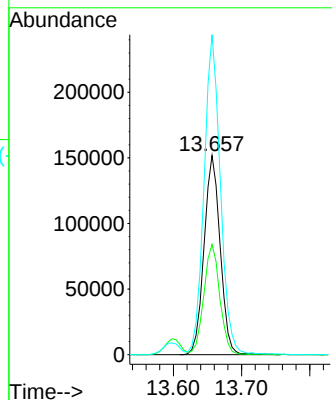


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :

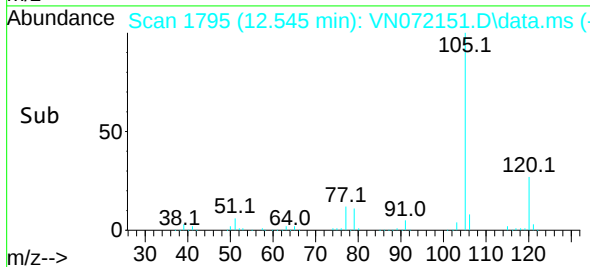
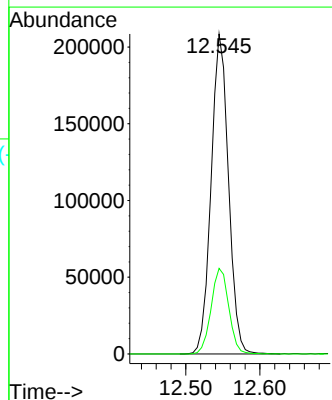
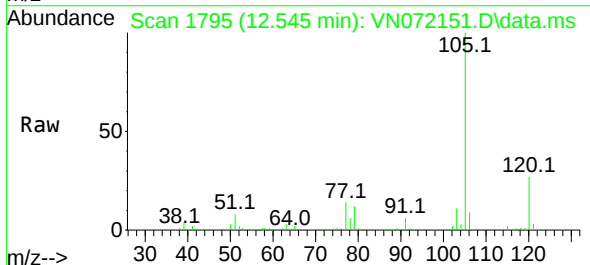


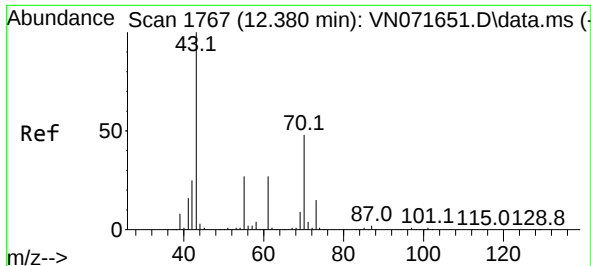
Tgt Ion:152 Resp: 249545
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 163.3 0.0 356.2



#73
Isopropylbenzene
Concen: 16.123 ug/l
RT: 12.545 min Scan# 1795
Delta R.T. -0.030 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

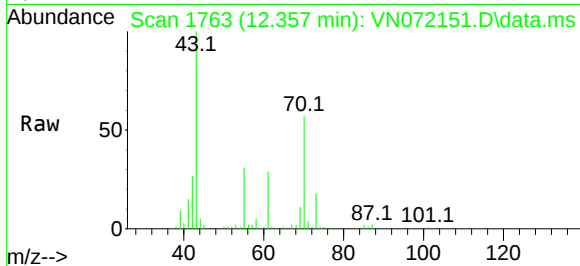
Tgt Ion:105 Resp: 339038
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



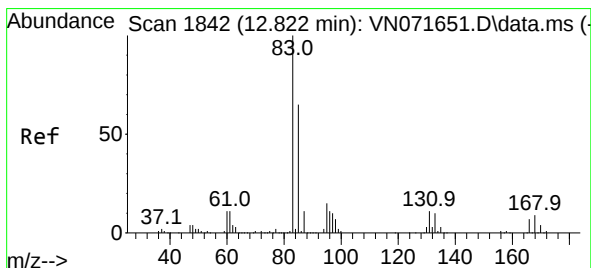
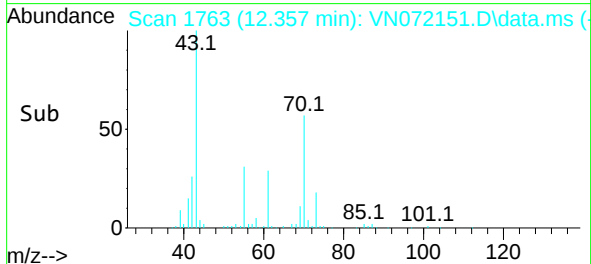
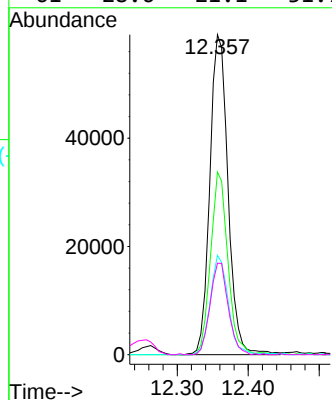


#74
N-amy1 acetate
Concen: 17.448 ug/l
RT: 12.357 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :

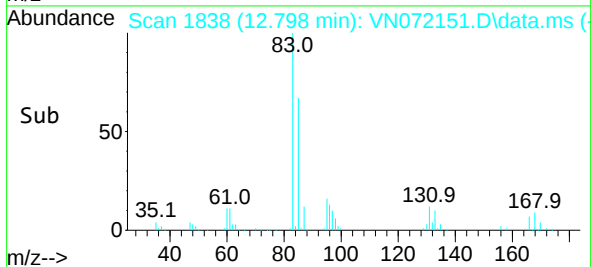
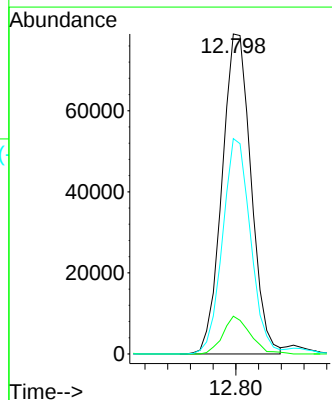
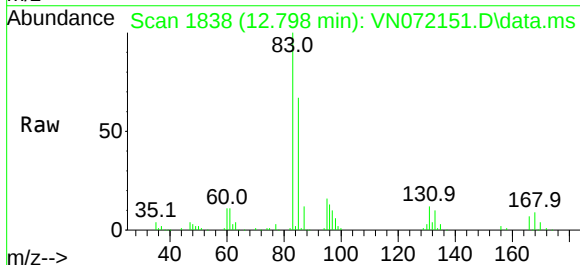


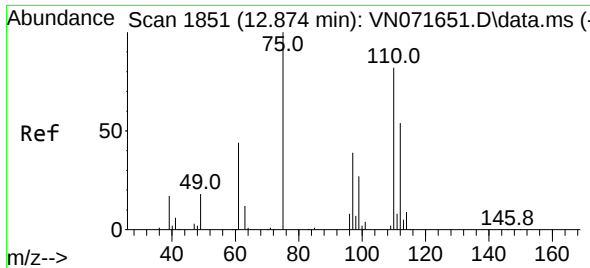
Tgt Ion: 43	Resp: 105128
Ion Ratio	Lower Upper
43 100	
70 54.0	39.0 58.4
55 30.6	21.1 31.7
61 28.6	21.1 31.7



#75
1,1,2,2-Tetrachloroethane
Concen: 19.906 ug/l
RT: 12.798 min Scan# 1838
Delta R.T. -0.024 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 83	Resp: 139668
Ion Ratio	Lower Upper
83 100	
131 11.1	5.3 15.9
85 65.4	32.3 96.9

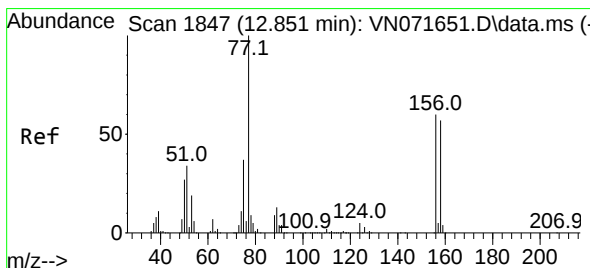
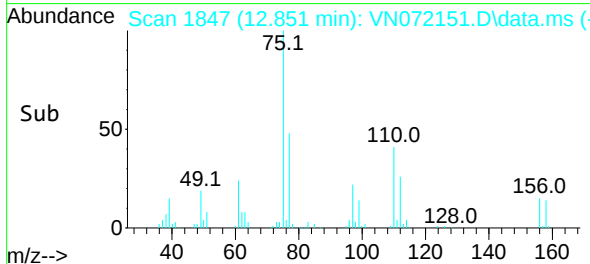
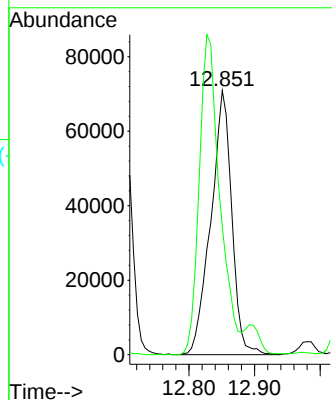
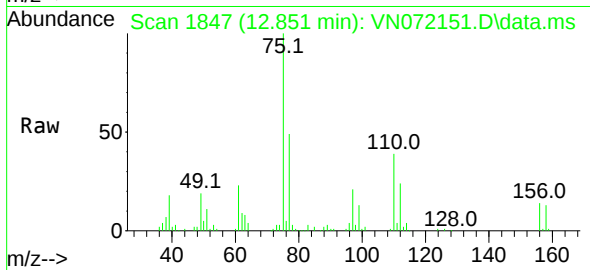




#76
1,2,3-Trichloropropane
Concen: 27.240 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.023 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

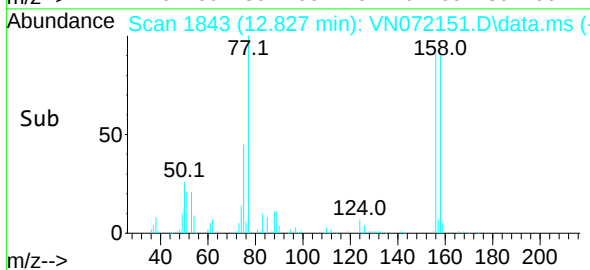
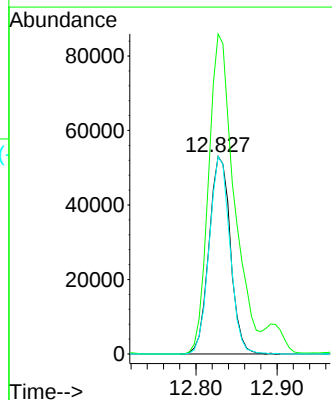
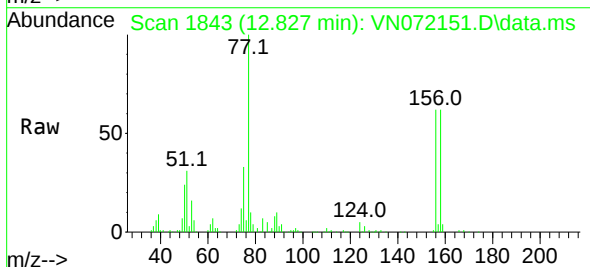
Instrument :
MSVOA_N
ClientSampleId :

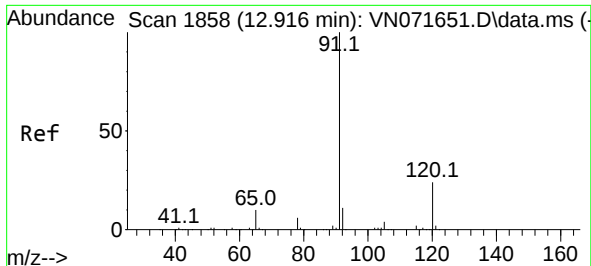
Tgt Ion: 75 Resp: 157469
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#



#77
Bromobenzene
Concen: 18.393 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. -0.024 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion:156 Resp: 96958
Ion Ratio Lower Upper
156 100
77 194.6 100.5 301.5
158 97.1 48.9 146.6

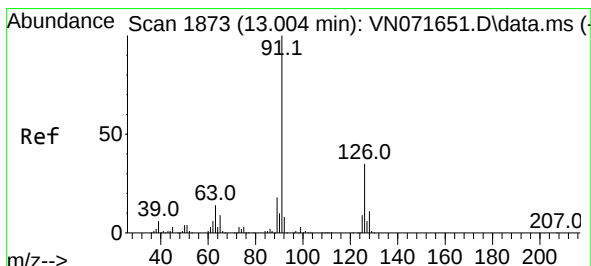
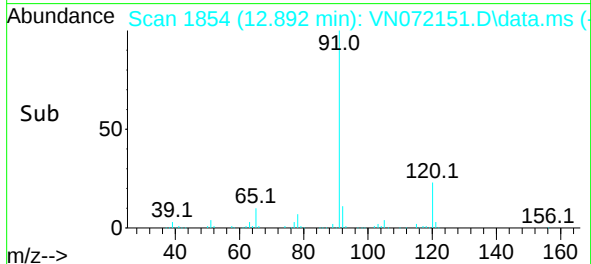
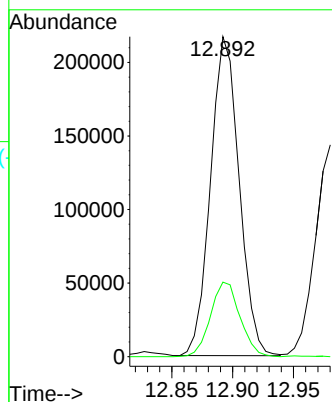
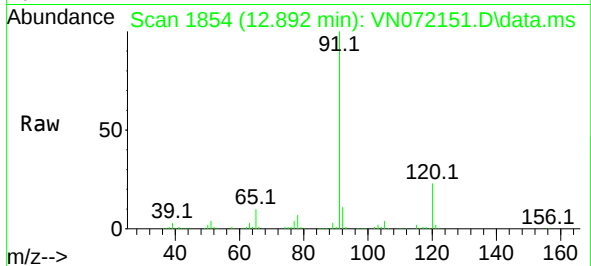




#78
n-propylbenzene
Concen: 16.041 ug/l
RT: 12.892 min Scan# 1854
Delta R.T. -0.024 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

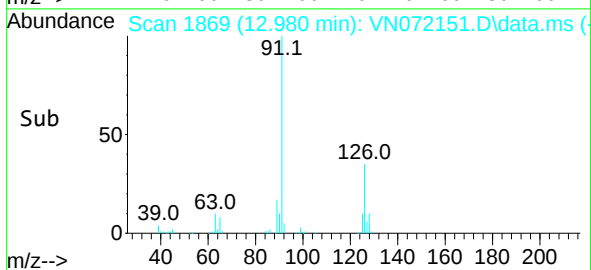
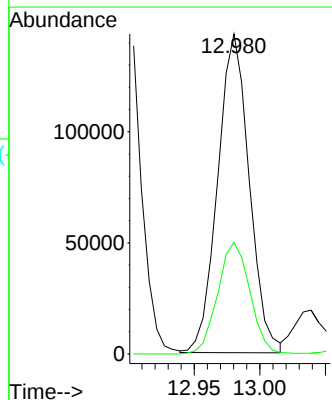
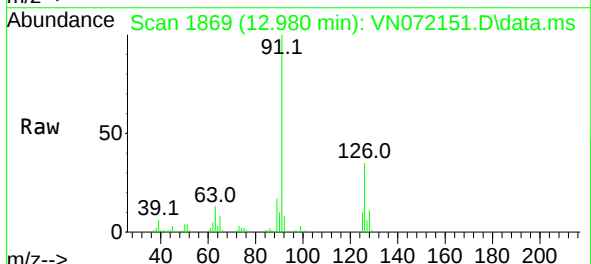
Instrument :
MSVOA_N
ClientSampleId :

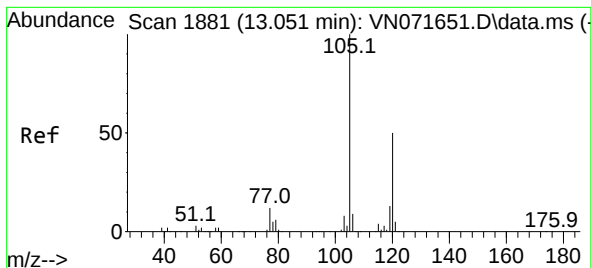
Tgt Ion: 91 Resp: 354821
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 16.911 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 91 Resp: 239897
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 17.274 ug/l

RT: 13.039 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

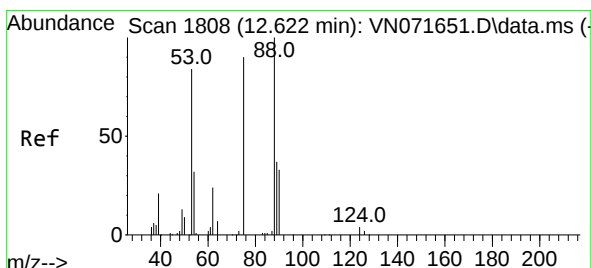
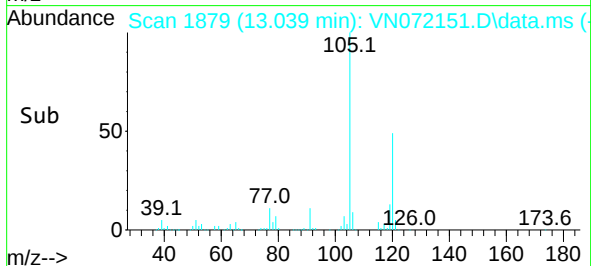
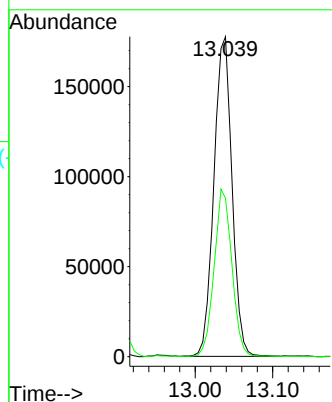
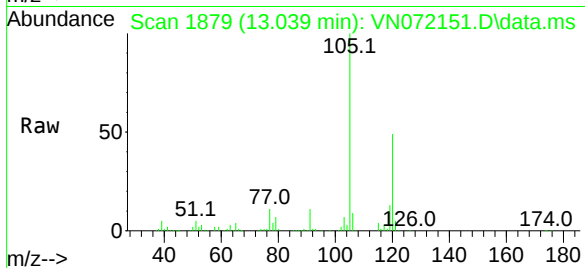
ClientSampleId :

Tgt Ion:105 Resp: 287799

Ion Ratio Lower Upper

105 100

120 51.6 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 18.947 ug/l

RT: 12.592 min Scan# 1803

Delta R.T. -0.030 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

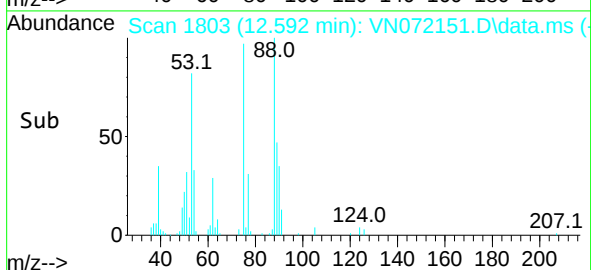
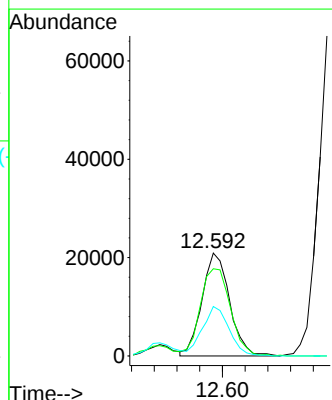
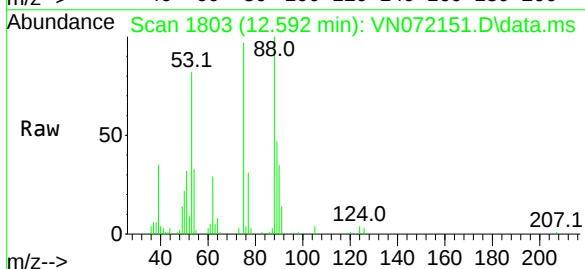
Tgt Ion: 75 Resp: 35345

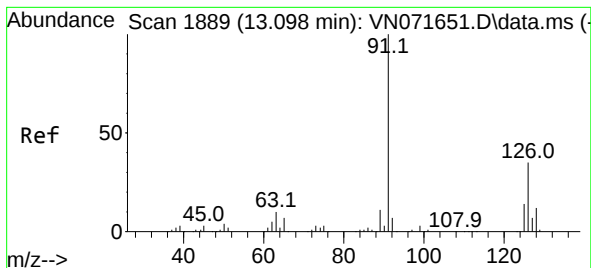
Ion Ratio Lower Upper

75 100

53 92.6 78.0 117.0

89 46.3 37.2 55.8

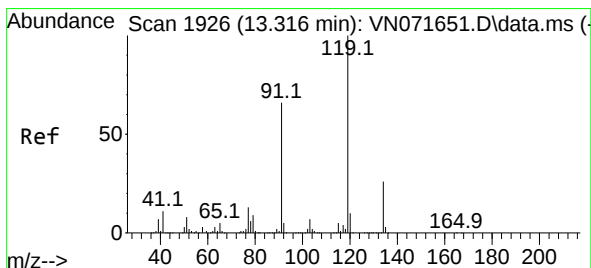
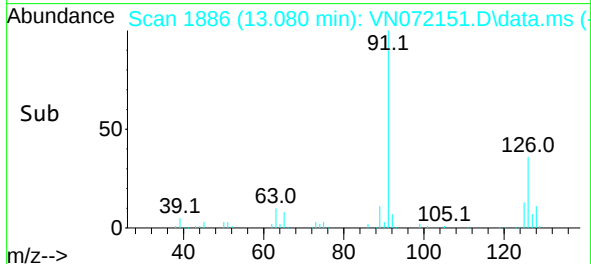
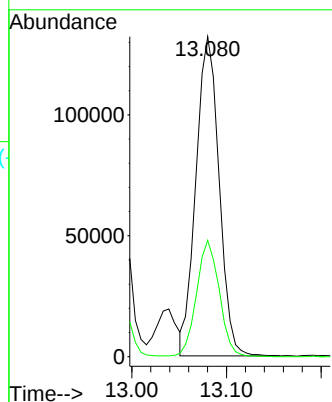
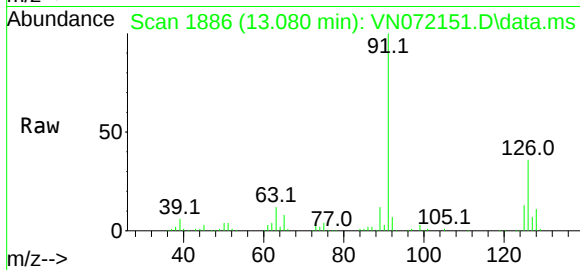




#82
4-Chlorotoluene
Concen: 17.032 ug/l
RT: 13.080 min Scan# 1886
Delta R.T. -0.018 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

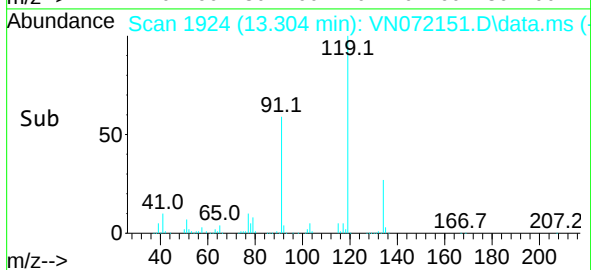
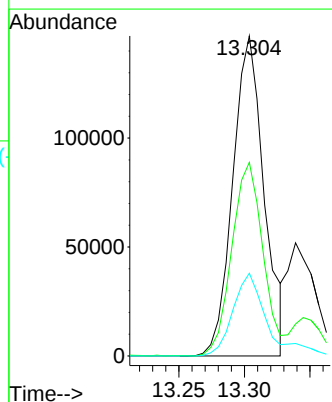
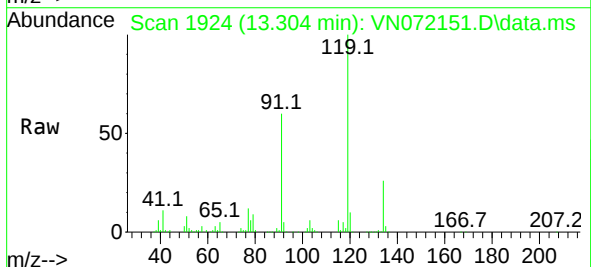
Instrument :
MSVOA_N
ClientSampleId :

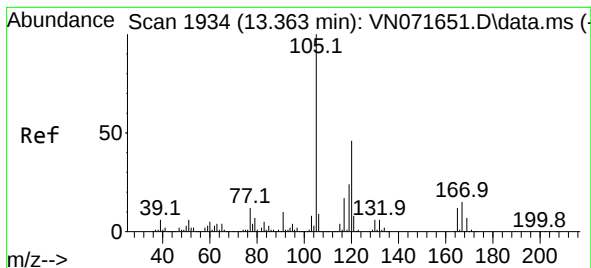
Tgt Ion: 91 Resp: 223963
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6



#83
tert-Butylbenzene
Concen: 16.004 ug/l
RT: 13.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion: 119 Resp: 243747
Ion Ratio Lower Upper
119 100
91 60.9 31.6 94.8
134 28.1 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 17.977 ug/l

RT: 13.345 min Scan# 1931

Delta R.T. -0.018 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

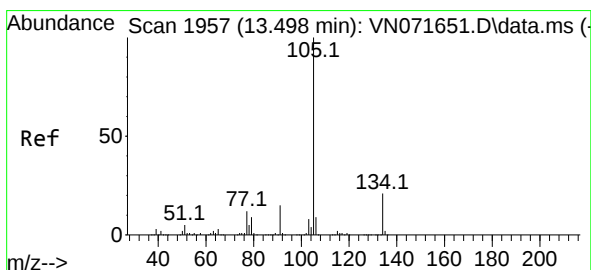
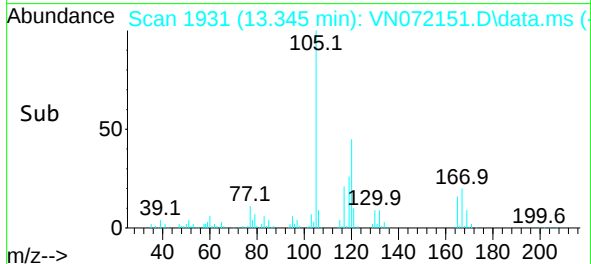
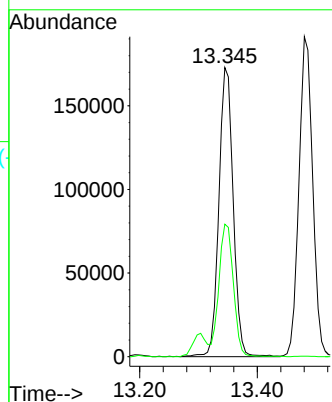
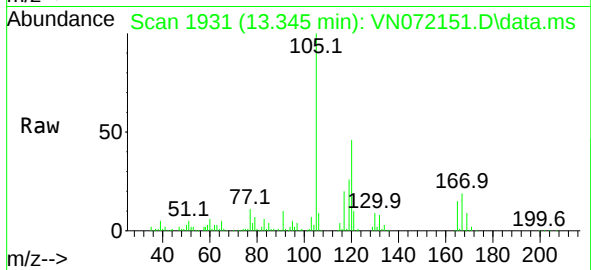
ClientSampleId :

Tgt Ion:105 Resp: 292245

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 15.609 ug/l

RT: 13.480 min Scan# 1954

Delta R.T. -0.018 min

Lab File: VN072151.D

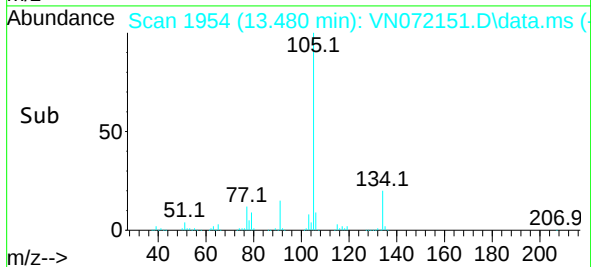
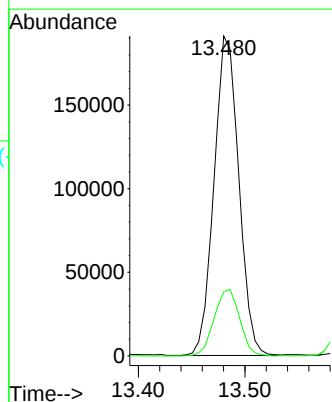
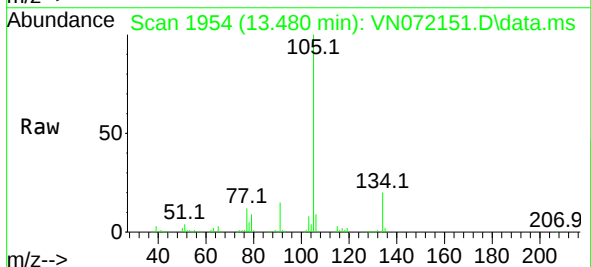
Acq: 22 Apr 2022 12:59

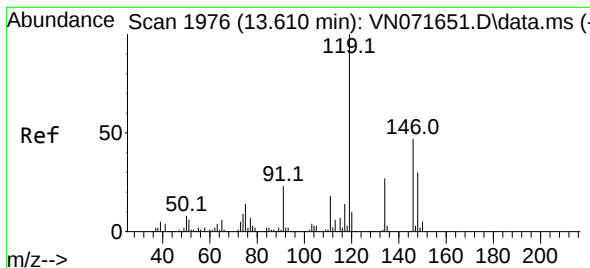
Tgt Ion:105 Resp: 308163

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.1





#86

p-Isopropyltoluene

Concen: 16.244 ug/l

RT: 13.598 min Scan# 1974

Delta R.T. -0.012 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

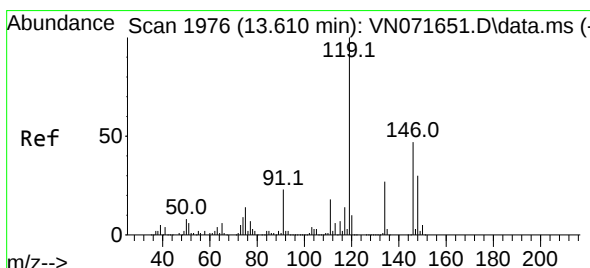
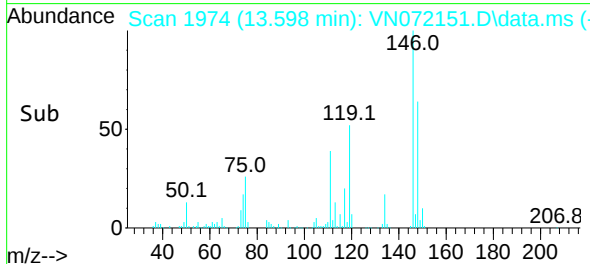
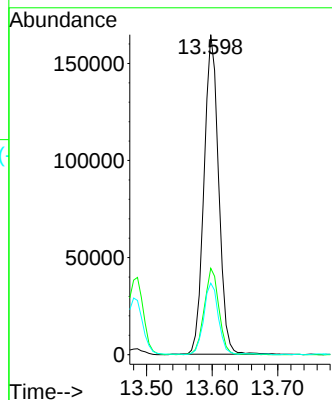
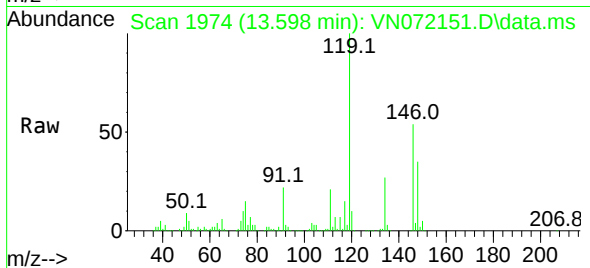
Tgt Ion:119 Resp: 255703

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.0 11.3 33.9



#87

1,3-Dichlorobenzene

Concen: 17.715 ug/l

RT: 13.598 min Scan# 1974

Delta R.T. -0.012 min

Lab File: VN072151.D

Acq: 22 Apr 2022 12:59

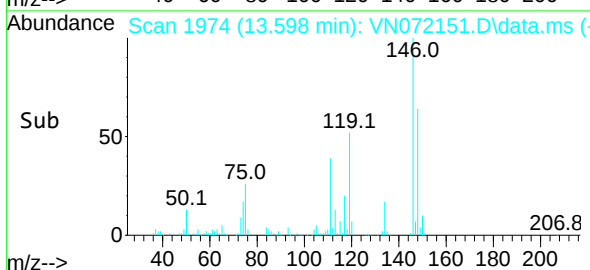
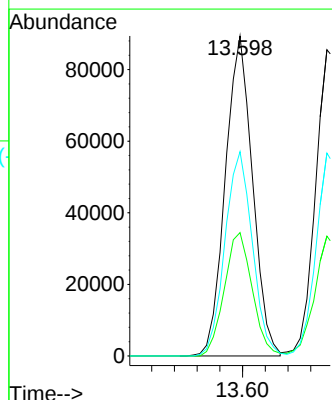
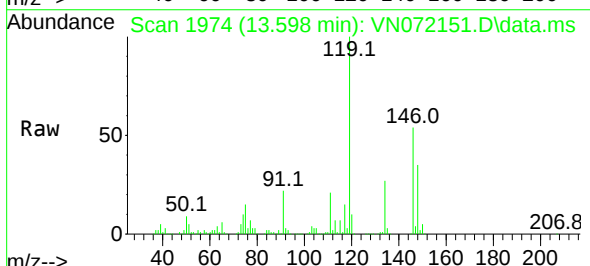
Tgt Ion:146 Resp: 148775

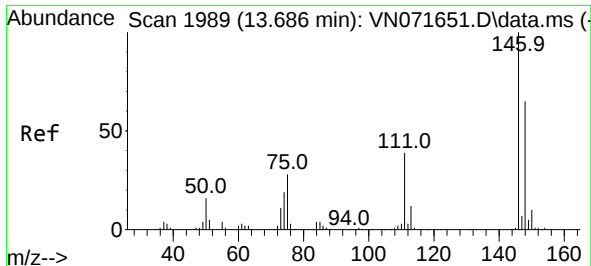
Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

148 64.4 32.0 96.0

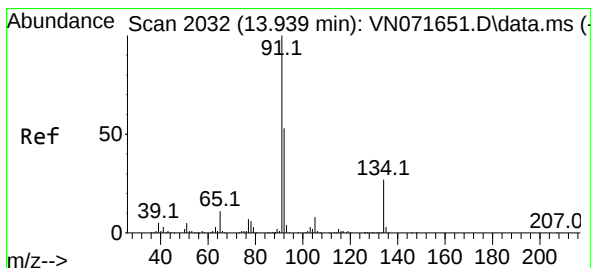
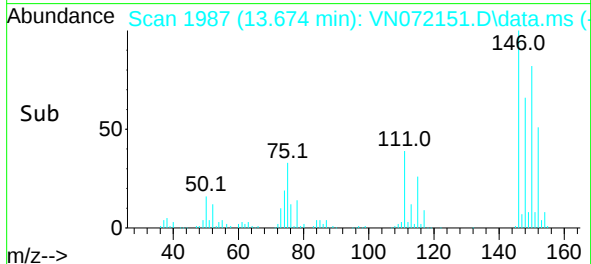
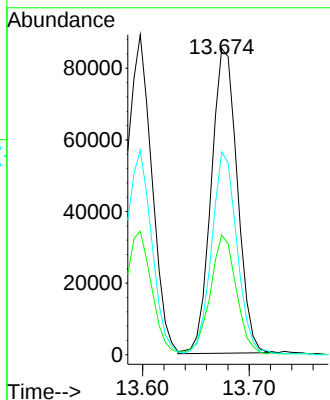
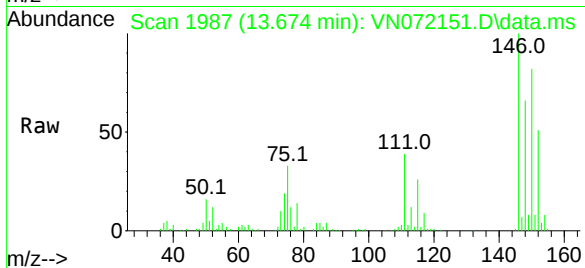




#88
1,4-Dichlorobenzene
Concen: 17.680 ug/l
RT: 13.674 min Scan# 1989
Delta R.T. -0.012 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

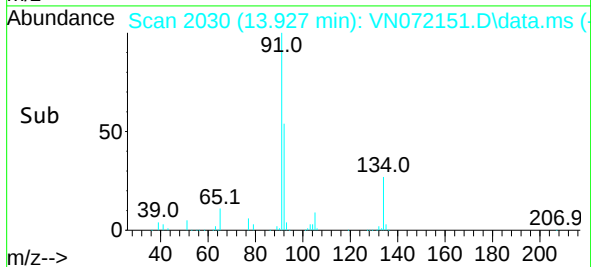
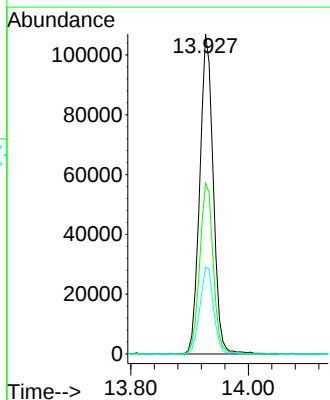
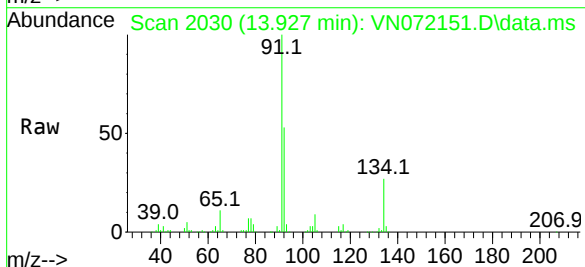
Instrument :
MSVOA_N
ClientSampleId :

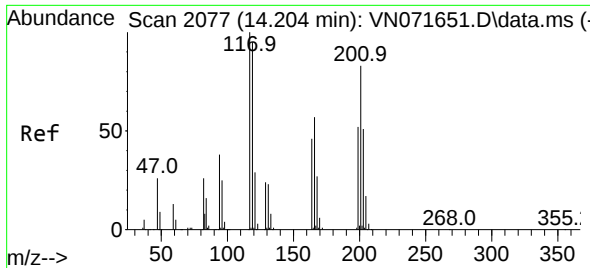
Tgt Ion:146 Resp: 144857
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 65.2 31.4 94.3



#89
n-Butylbenzene
Concen: 14.620 ug/l
RT: 13.927 min Scan# 2030
Delta R.T. -0.012 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

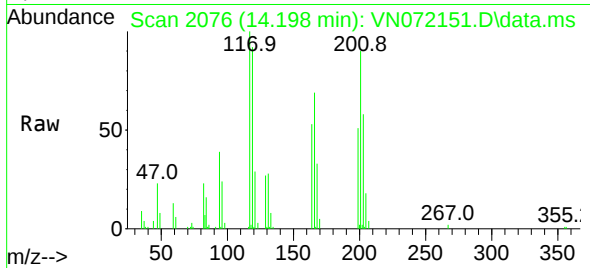
Tgt Ion: 91 Resp: 170700
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 27.6 13.6 40.8



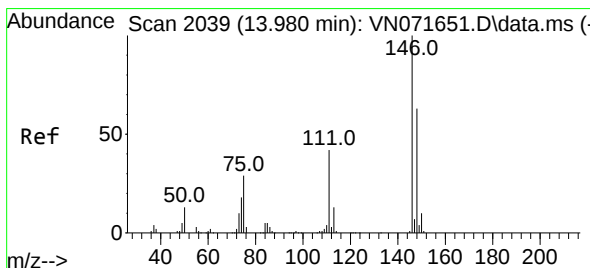
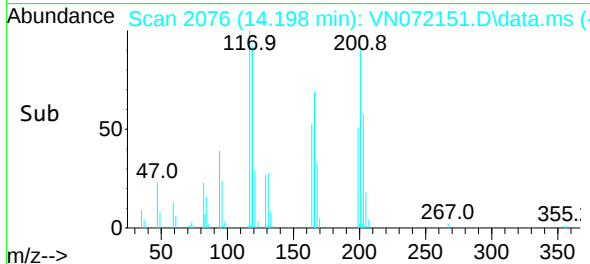
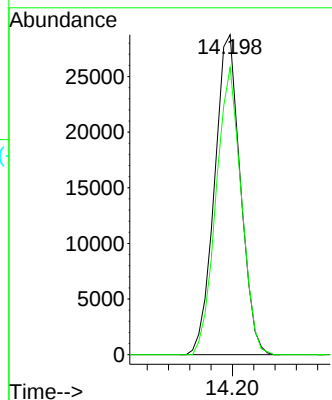


#90
Hexachloroethane
Concen: 16.782 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.006 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :

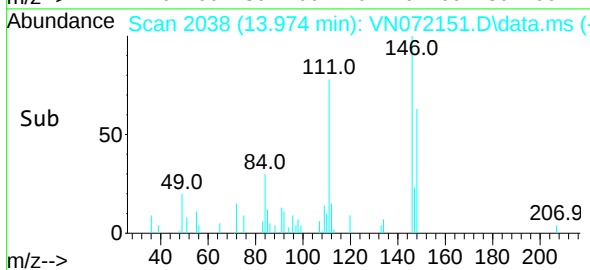
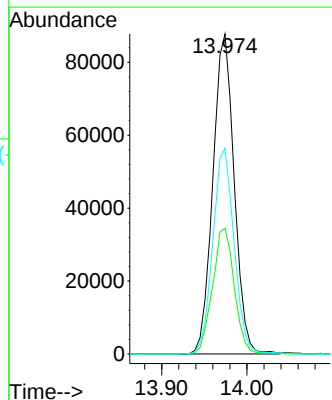
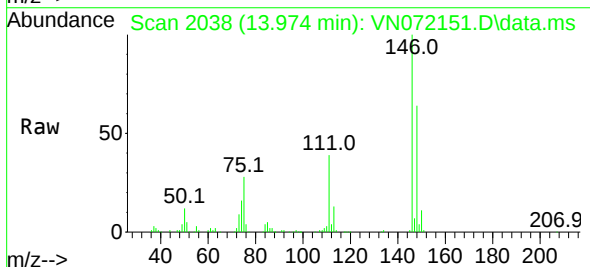


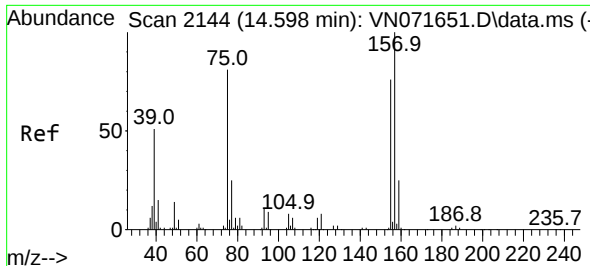
Tgt Ion:117 Resp: 48361
Ion Ratio Lower Upper
117 100
201 87.6 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 18.519 ug/l
RT: 13.974 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

Tgt Ion:146 Resp: 152684
Ion Ratio Lower Upper
146 100
111 40.0 20.9 62.8
148 64.2 32.1 96.3

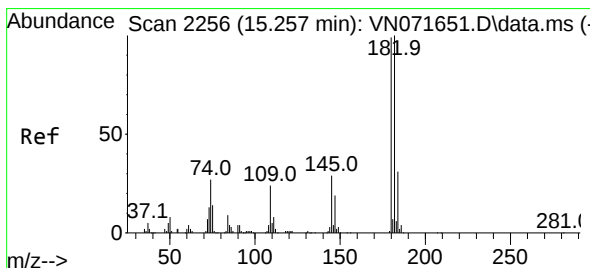
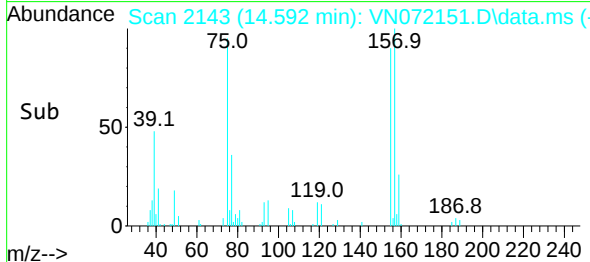
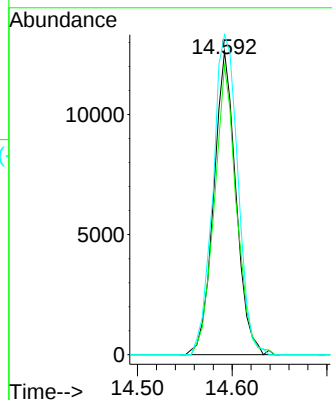
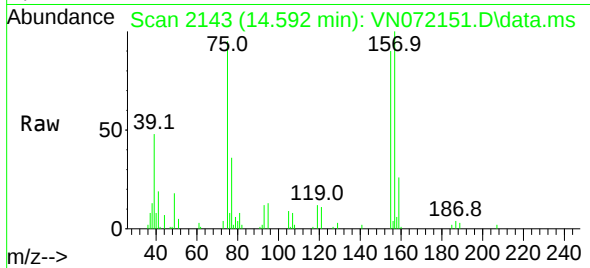




#92
1,2-Dibromo-3-Chloropropane
Concen: 18.957 ug/l
RT: 14.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

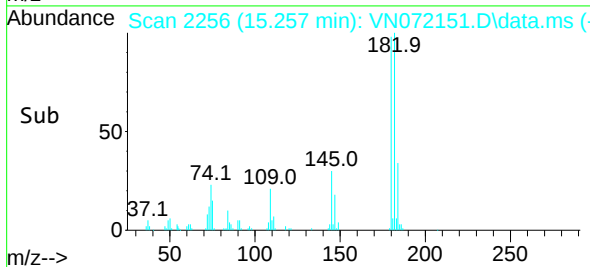
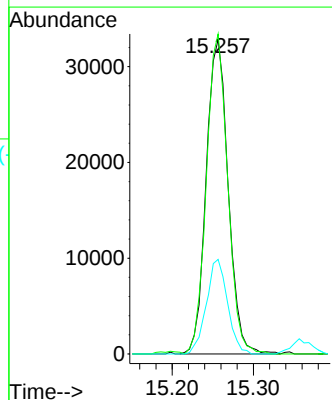
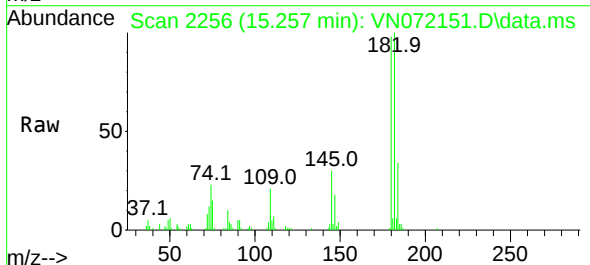
Instrument :
MSVOA_N
ClientSampleId :

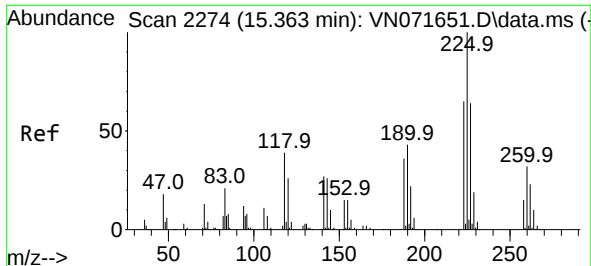
Tgt Ion: 75 Resp: 20631
Ion Ratio Lower Upper
75 100
155 95.2 44.9 134.5
157 117.8 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 16.991 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

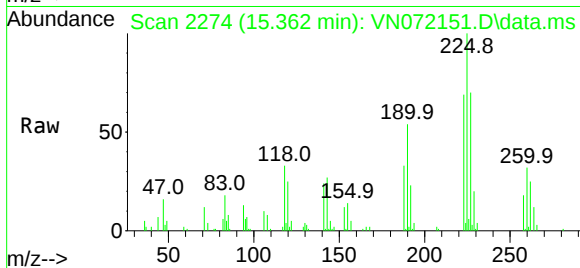
Tgt Ion: 180 Resp: 61772
Ion Ratio Lower Upper
180 100
182 98.5 47.5 142.5
145 28.9 14.5 43.5



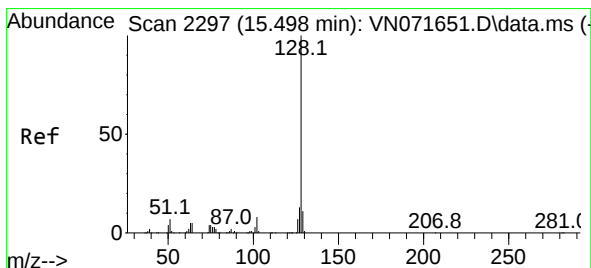
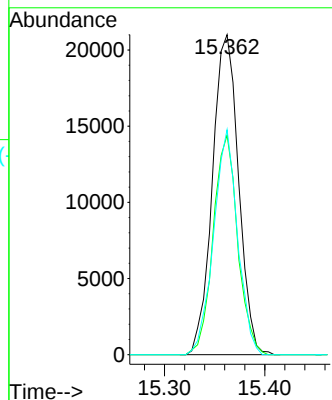
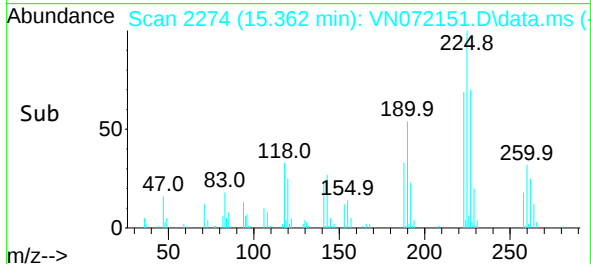


#94
Hexachlorobutadiene
Concen: 15.647 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59

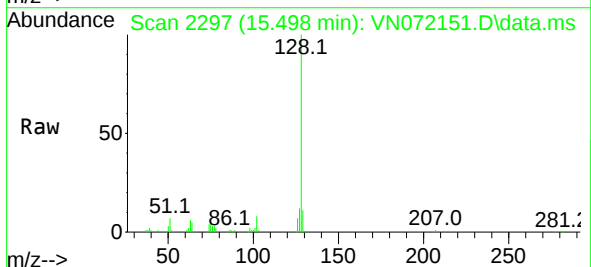
Instrument :
MSVOA_N
ClientSampleId :



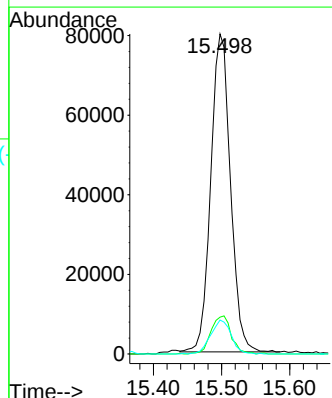
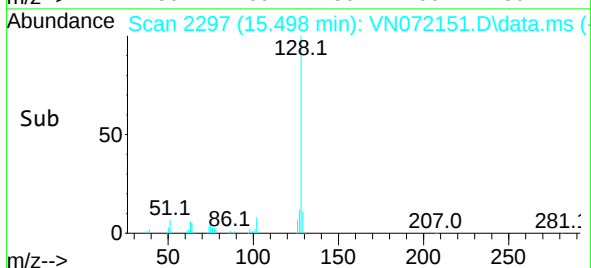
Tgt Ion:225 Resp: 38048
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.2
227 64.5 31.8 95.4

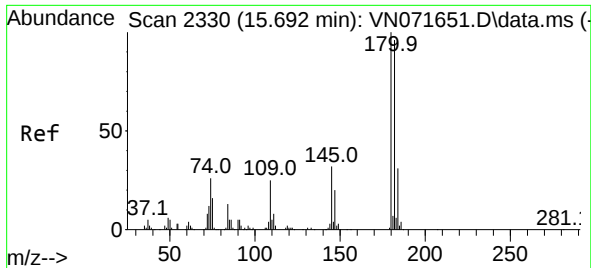


#95
Naphthalene
Concen: 16.848 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072151.D
Acq: 22 Apr 2022 12:59



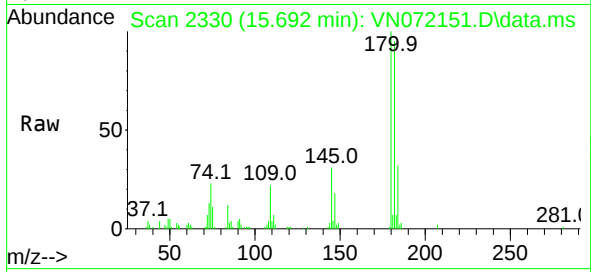
Tgt Ion:128 Resp: 160444
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 18.542 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072151.D
 Acq: 22 Apr 2022 12:59

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	65196
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.8	143.3
145	30.7	15.5	46.5

