

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071704.D
 Acq On : 31 Mar 2022 15:13
 Operator : JC\MD
 Sample : VN0331WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Quant Time: Mar 31 18:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	85995	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	469517	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	427456	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	183151	30.229	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.727	95	186771	29.468	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.233%	
63) Toluene-d8	10.439	98	582759	30.033	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	88625	16.557	ug/l	97
3) Chloromethane	2.298	50	104418	16.552	ug/l	99
4) Vinyl Chloride	2.440	62	117084	16.184	ug/l	97
5) Bromomethane	2.851	94	79048	18.542	ug/l	98
6) Chloroethane	3.010	64	80426	17.360	ug/l	97
7) Trichlorofluoromethane	3.375	101	152017	18.022	ug/l	94
8) Diethyl Ether	3.822	74	67490	19.042	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	97138	19.229	ug/l #	47
10) 1,1-Dichloroethene	4.187	96	88202	17.704	ug/l	92
11) Methyl Iodide	4.422	142	132480	18.147	ug/l	88
12) Methyl Acetate	4.857	43	149827	21.339	ug/l	100
13) Acrolein	4.198	56	154	0.206	ug/l	83
14) Acrylonitrile	5.551	53	331665	104.298	ug/l	98
15) Acetone	4.281	58	89156	97.424	ug/l	81
16) Carbon Disulfide	4.534	76	185256	14.282	ug/l	97
17) Allyl chloride	4.840	41	148110	18.329	ug/l	84
18) Methylene Chloride	5.098	84	113940	19.064	ug/l	92
19) trans-1,2-Dichloroethene	5.598	96	96895	18.183	ug/l	99
20) Diisopropyl ether	6.492	45	340452	20.136	ug/l	96
21) 1,1-Dichloroethane	6.386	63	196523	19.252	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	123198	19.030	ug/l	97
23) tert-Butyl Alcohol	5.363	59	119741	105.526	ug/l #	100
25) Chloroform	7.816	83	203708	19.842	ug/l	99
26) Cyclohexane	8.092	56	151449	17.164	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	138228	18.189	ug/l	99
30) 2-Butanone	7.333	43	427083	100.959	ug/l	97
31) 2,2-Dichloropropane	7.322	77	163012	18.829	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	169286	19.126	ug/l	98
33) Carbon Tetrachloride	8.204	117	138161	18.440	ug/l	99
34) Benzene	8.457	78	454010	19.228	ug/l	98
35) Methacrylonitrile	7.633	41	85665	21.107	ug/l	97
36) 1,2-Dichloroethane	8.527	62	160001	19.425	ug/l	95
37) Trichloroethene	9.216	130	114511	18.796	ug/l	98
38) Methylcyclohexane	9.457	83	168676	17.609	ug/l	96
39) 1,2-Dichloropropane	9.486	63	116892	19.788	ug/l	97
40) Dibromomethane	9.574	93	79265	19.824	ug/l	87
41) Bromodichloromethane	9.757	83	157997	19.746	ug/l	99
42) Vinyl Acetate	6.428	43	1433025	98.866	ug/l	96
43) Ethyl Acetate	7.410	43	177437	21.631	ug/l	98

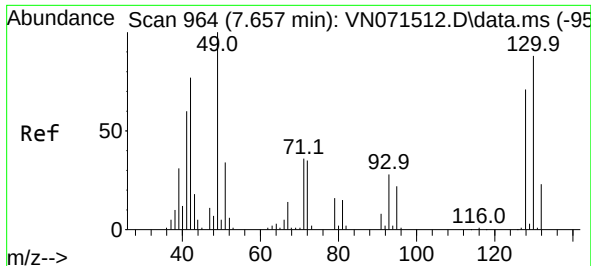
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
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 QLast Update : Thu Mar 24 12:03:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.557	43	261818	19.901	ug/l	95
45) 1,4-Dioxane	9.563	88	59224	446.171	ug/l	93
46) Methyl methacrylate	9.557	41	110522	19.157	ug/l	84
47) n-amyl Acetate	12.386	43	163353	18.607	ug/l	91
48) t-1,3-Dichloropropene	10.716	75	167792	19.294	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	183311	19.275	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	123633	20.683	ug/l	99
51) Ethyl methacrylate	10.757	69	182712	19.797	ug/l	84
52) 1,3-Dichloropropane	11.039	76	205917	20.172	ug/l	99
53) Dibromochloromethane	11.233	129	125376	20.262	ug/l	97
54) 1,2-Dibromoethane	11.345	107	124049	20.175	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	229040	92.106	ug/l	99
56) Bromoform	12.451	173	94743	19.859	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	846730	104.349	ug/l	93
59) 2-Hexanone	11.080	43	614619	103.744	ug/l	91
61) Tetrachloroethene	10.974	164	100703	19.357	ug/l	91
62) Toluene	10.504	91	503143	19.412	ug/l	97
64) Chlorobenzene	11.768	112	315647	19.743	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	117275	19.995	ug/l	99
66) Ethyl Benzene	11.845	91	535932	19.027	ug/l	97
67) m/p-Xylenes	11.951	106	415554	37.923	ug/l	96
68) o-Xylene	12.280	106	205213	18.842	ug/l	97
69) Styrene	12.292	104	319314	18.629	ug/l	98
70) Isopropylbenzene	12.574	105	522420	19.111	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	188671	21.207	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	219270	28.688	ug/l	51
73) Bromobenzene	12.857	156	129434	19.410	ug/l	95
74) n-propylbenzene	12.915	91	559862	18.766	ug/l	97
75) 2-Chlorotoluene	13.004	91	360336	19.327	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	429209	19.571	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	51137	19.055	ug/l	99
78) 4-Chlorotoluene	13.104	91	323385	18.572	ug/l	99
79) tert-butylbenzene	13.321	119	375919	18.996	ug/l	94
80) 1,2,4-Trimethylbenzene	13.368	105	416331	19.566	ug/l #	80
81) sec-Butylbenzene	13.498	105	500572	18.825	ug/l	98
82) p-Isopropyltoluene	13.610	119	402845	18.646	ug/l	97
83) 1,3-Dichlorobenzene	13.615	146	208218	19.082	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	196794	18.895	ug/l	99
85) n-Butylbenzene	13.939	91	280838	17.500	ug/l	96
86) Hexachloroethane	14.209	117	75859	18.803	ug/l	78
87) 1,2-Dichlorobenzene	13.986	146	207028	19.625	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	31901	20.153	ug/l	85
89) 1,2,4-Trichlorobenzene	15.262	180	91847	18.835	ug/l	97
90) Hexachlorobutadiene	15.368	225	60748	21.023	ug/l	98
91) Naphthalene	15.504	128	249719	20.175	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	93537	19.558	ug/l	98

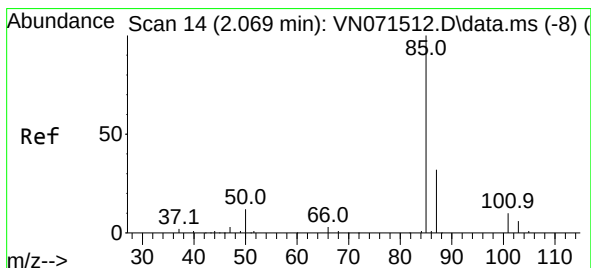
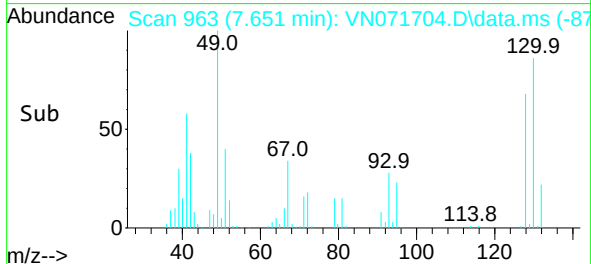
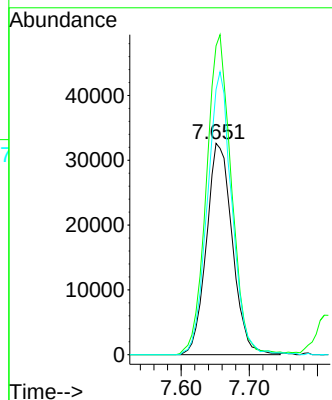
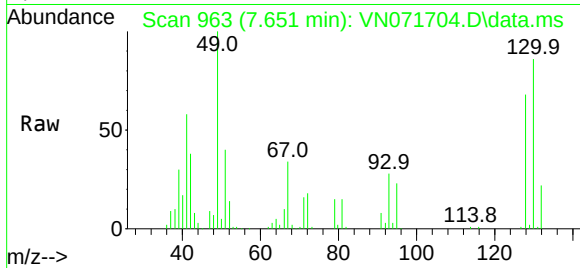
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

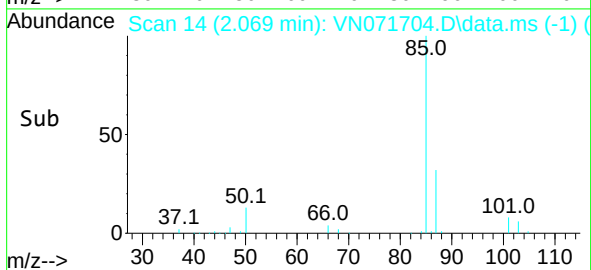
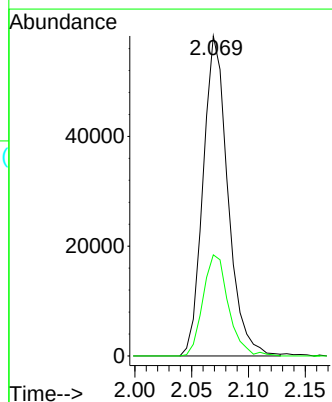
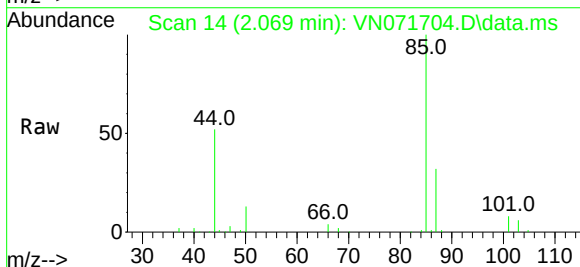
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

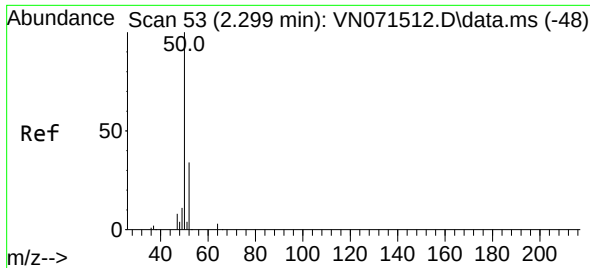
Tgt Ion:128 Resp: 85995
Ion Ratio Lower Upper
128 100
49 146.2 0.0 392.3
130 126.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 16.557 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 85 Resp: 88625
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.7

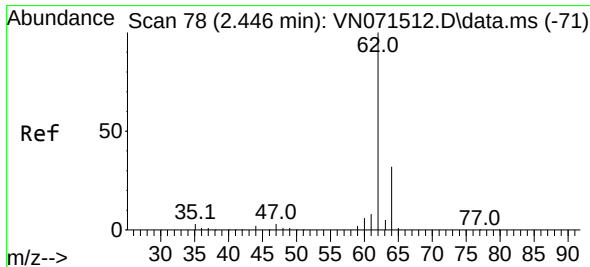
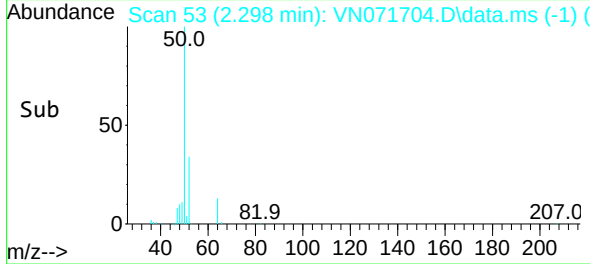
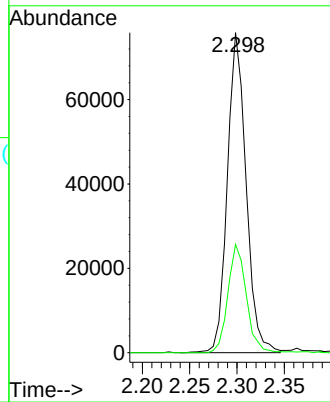
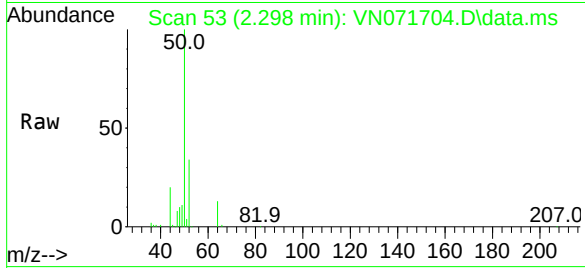




#3
Chloromethane
Concen: 16.552 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

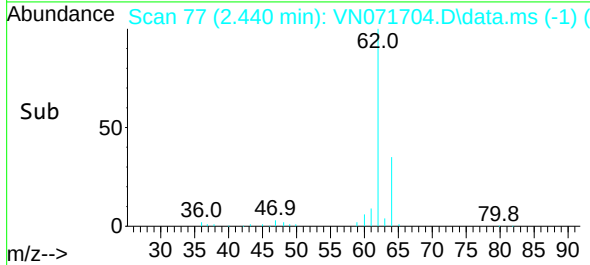
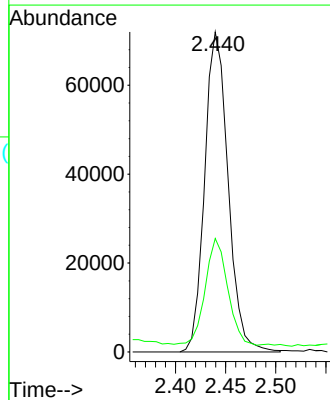
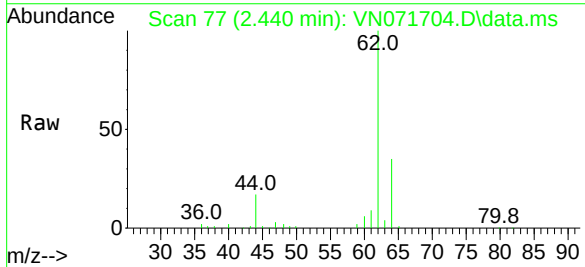
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

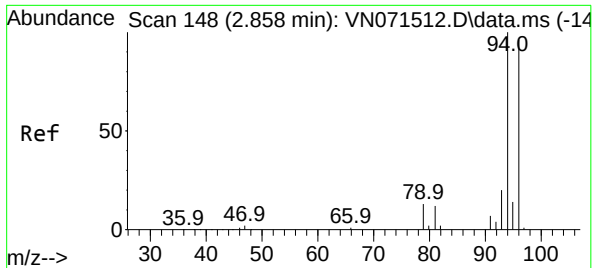
Tgt Ion: 50 Resp: 104418
Ion Ratio Lower Upper
50 100
52 33.8 27.8 41.6



#4
Vinyl Chloride
Concen: 16.184 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 62 Resp: 117084
Ion Ratio Lower Upper
62 100
64 33.1 25.1 37.7

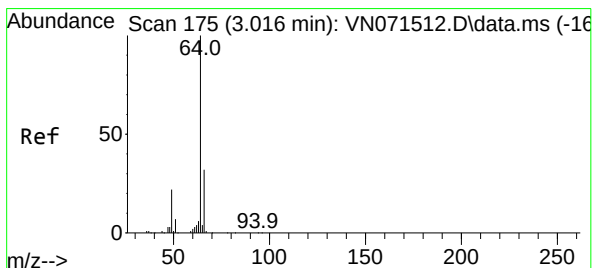
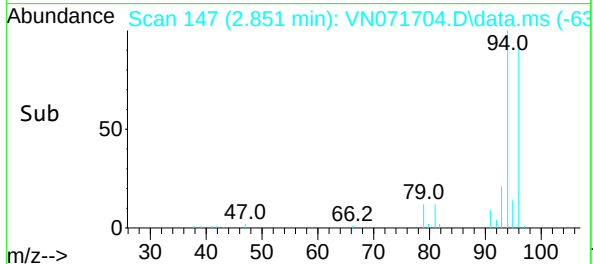
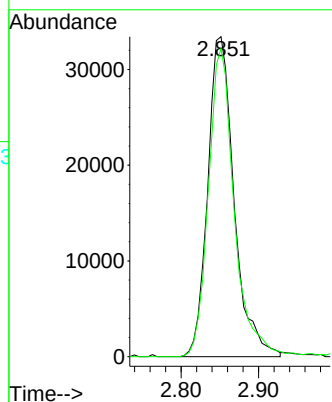
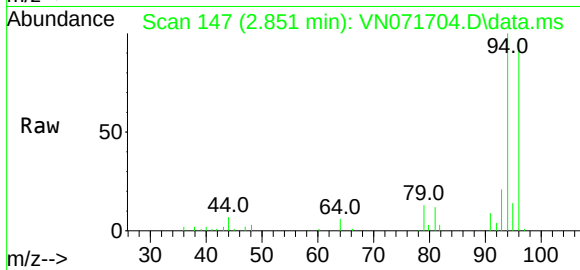




#5
Bromomethane
Concen: 18.542 ug/l
RT: 2.851 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

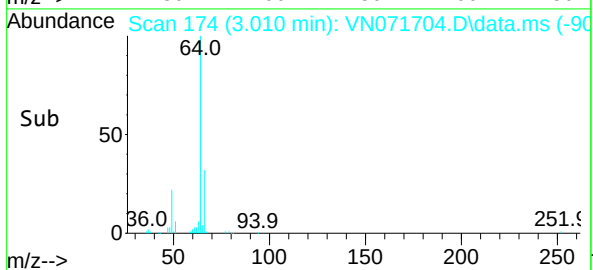
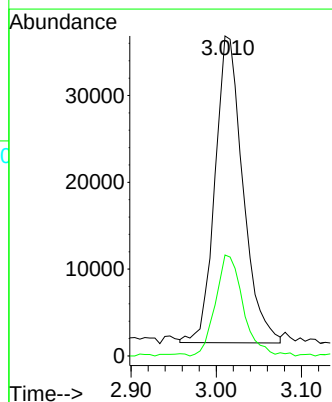
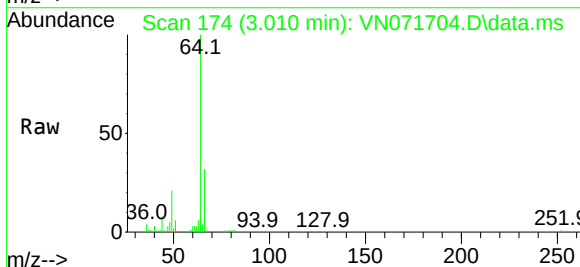
Instrument :
MSVOA_N
ClientSampleId :
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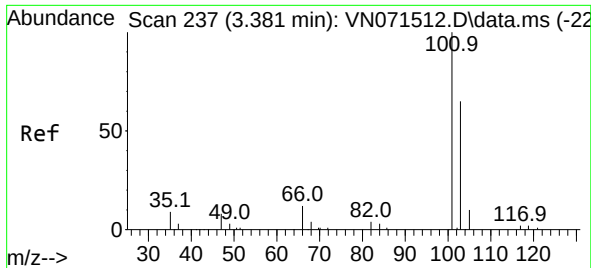
Tgt Ion: 94 Resp: 79048
Ion Ratio Lower Upper
94 100
96 96.3 75.2 112.8



#6
Chloroethane
Concen: 17.360 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 64 Resp: 80426
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8

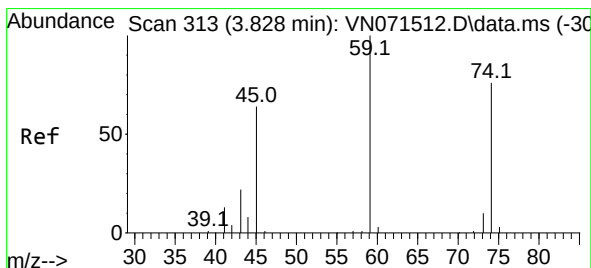
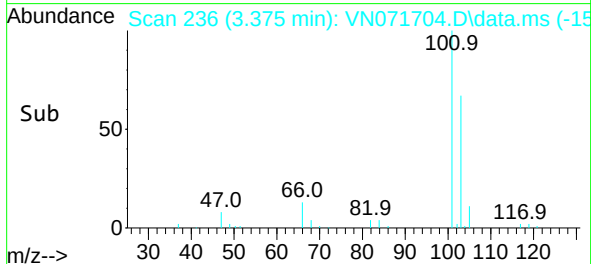
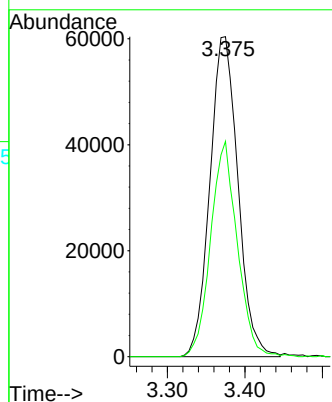
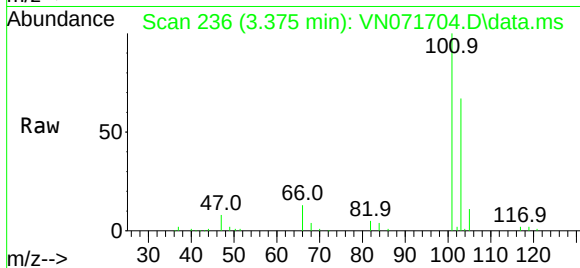




#7
 Trichlorofluoromethane
 Concen: 18.022 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

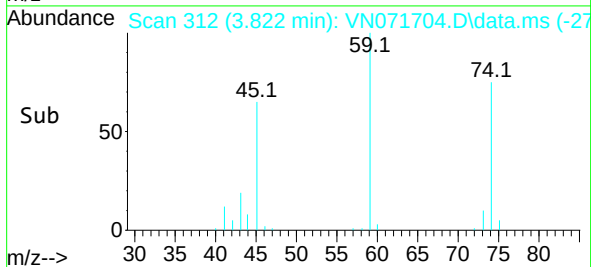
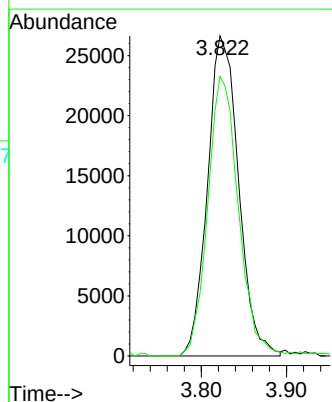
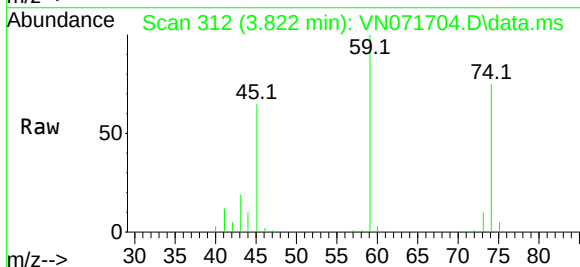
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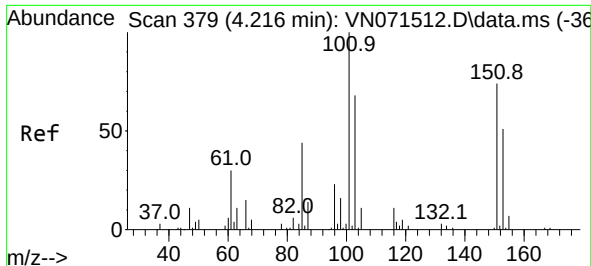
Tgt Ion:101 Resp: 152017
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.042 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Tgt Ion: 74 Resp: 67490
 Ion Ratio Lower Upper
 74 100
 45 85.9 17.6 158.8

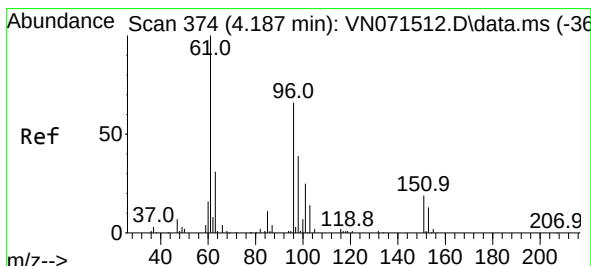
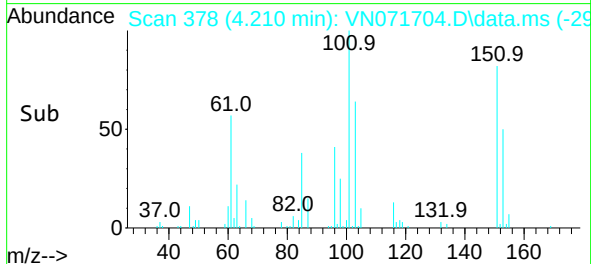
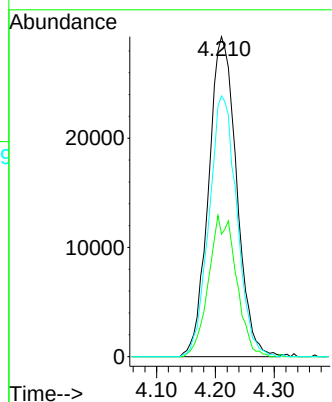
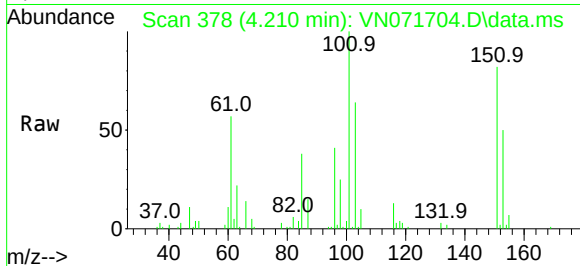




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.229 ug/l
RT: 4.210 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

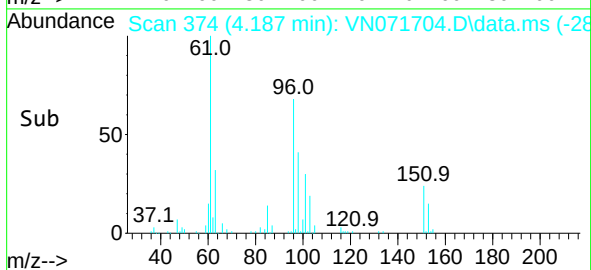
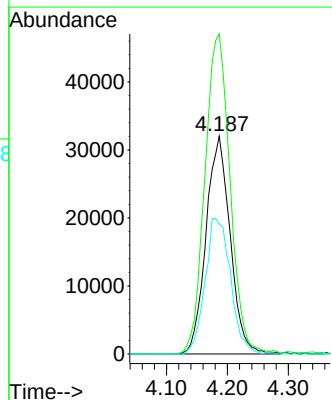
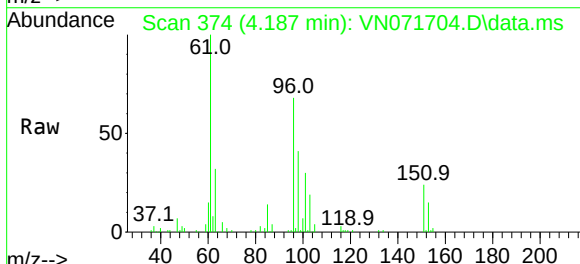
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

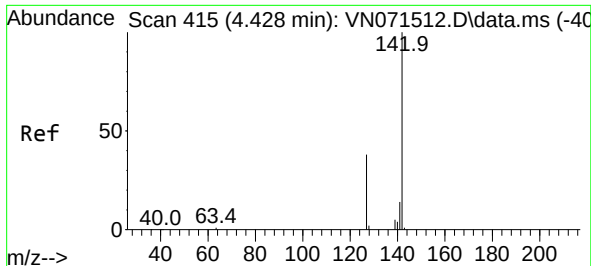
Tgt Ion:101 Resp: 97138
Ion Ratio Lower Upper
101 100
85 22.1 0.0 94.0
151 80.8 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 17.704 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 96 Resp: 88202
Ion Ratio Lower Upper
96 100
61 146.4 126.2 189.4
98 59.5 50.9 76.3

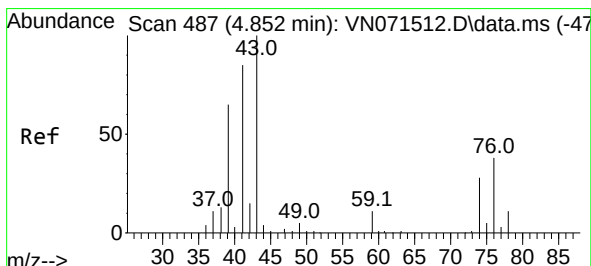
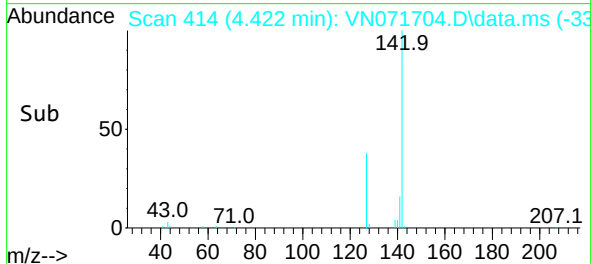
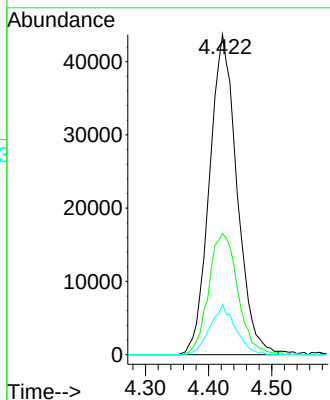
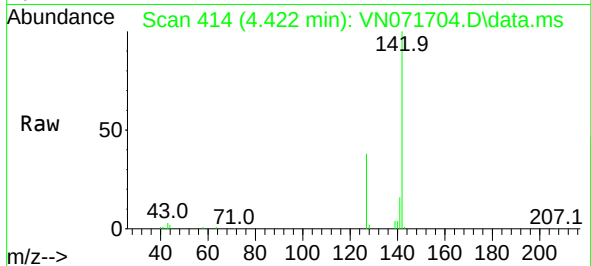




#11
Methyl Iodide
Concen: 18.147 ug/l
RT: 4.422 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

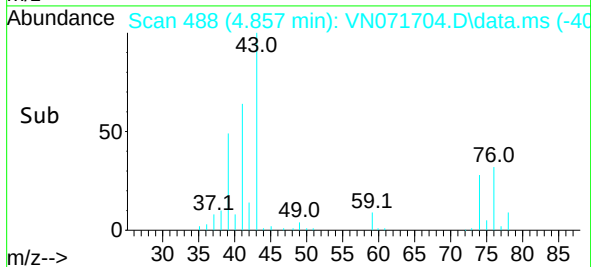
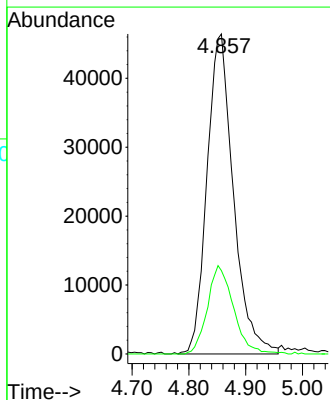
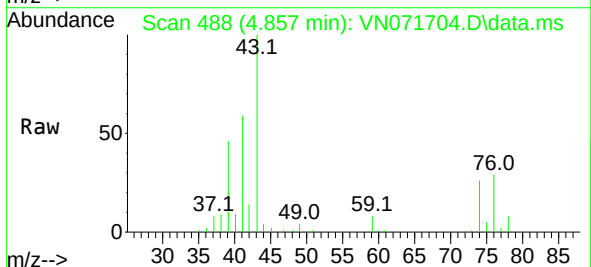
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

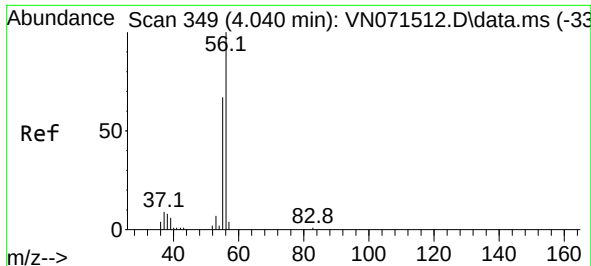
Tgt Ion:142 Resp: 132480
Ion Ratio Lower Upper
142 100
127 37.6 24.0 72.0
141 15.8 8.4 25.2



#12
Methyl Acetate
Concen: 21.339 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 43 Resp: 149827
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2





#13

Acrolein

Concen: 0.206 ug/l

RT: 4.198 min Scan# 31

Delta R.T. 0.159 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

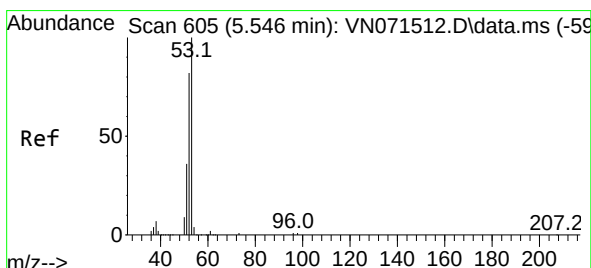
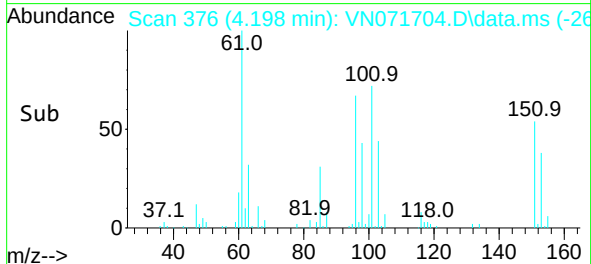
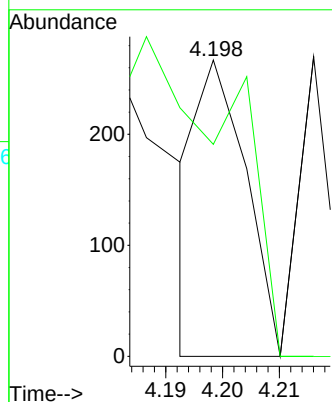
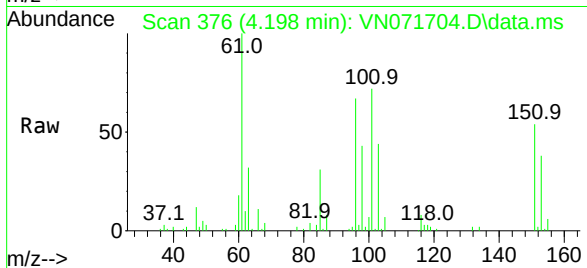
VN0331WBSD01

Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

56 100

55 57.8 57.6 86.4



#14

Acrylonitrile

Concen: 104.298 ug/l

RT: 5.551 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

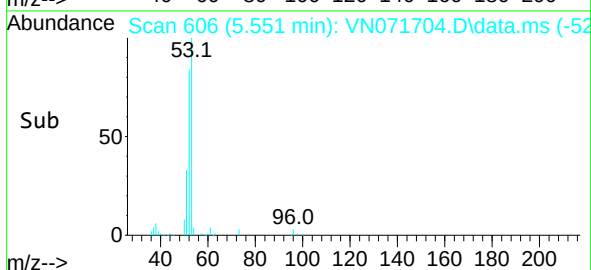
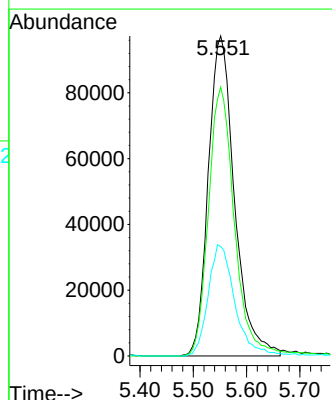
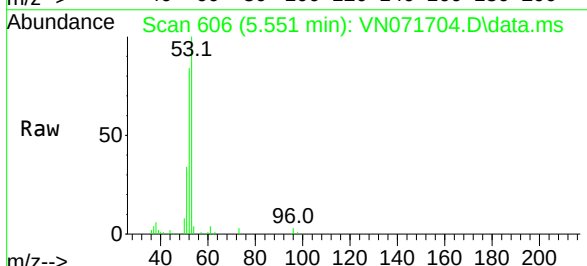
Tgt Ion: 53 Resp: 331665

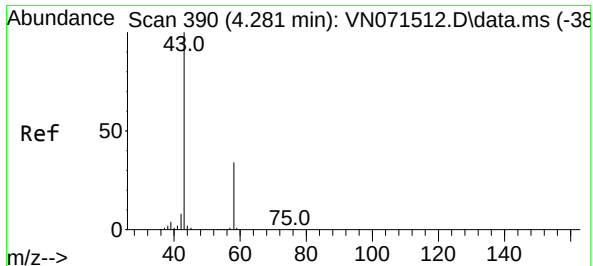
Ion Ratio Lower Upper

53 100

52 83.1 41.8 125.4

51 35.0 19.0 57.0





#15

Acetone

Concen: 97.424 ug/l

RT: 4.281 min Scan# 390

Delta R.T. -0.000 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

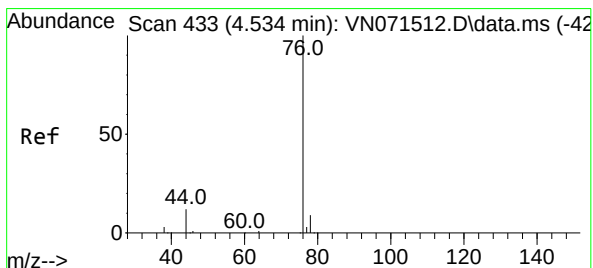
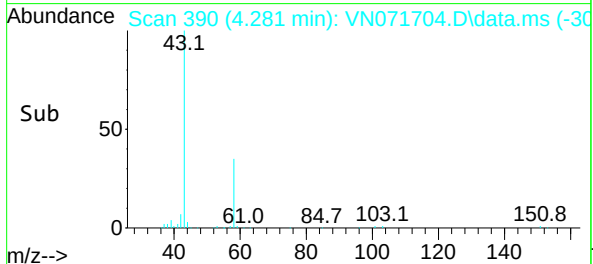
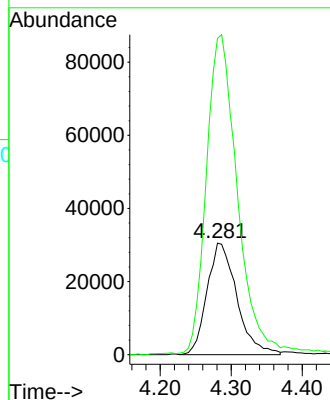
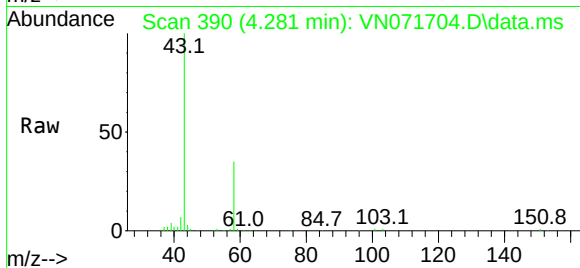
VN0331WBSD01

Tgt Ion: 58 Resp: 89156

Ion Ratio Lower Upper

58 100

43 282.2 256.6 384.8



#16

Carbon Disulfide

Concen: 14.282 ug/l

RT: 4.534 min Scan# 433

Delta R.T. -0.000 min

Lab File: VN071704.D

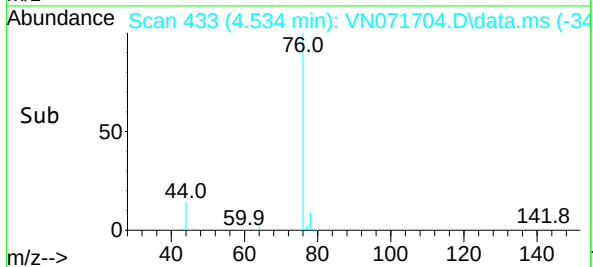
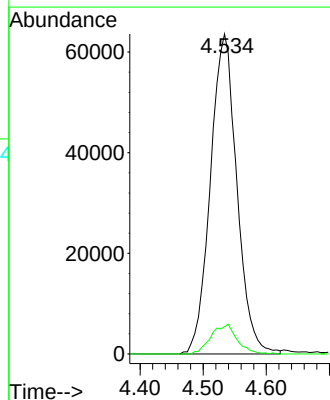
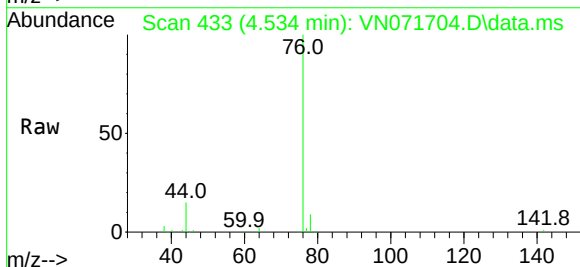
Acq: 31 Mar 2022 15:13

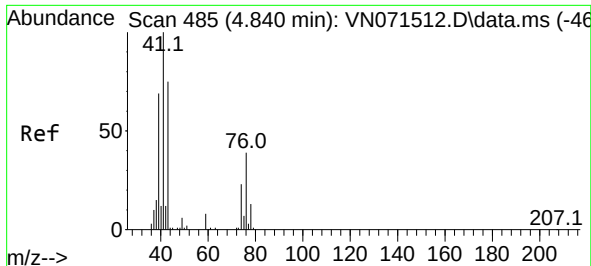
Tgt Ion: 76 Resp: 185256

Ion Ratio Lower Upper

76 100

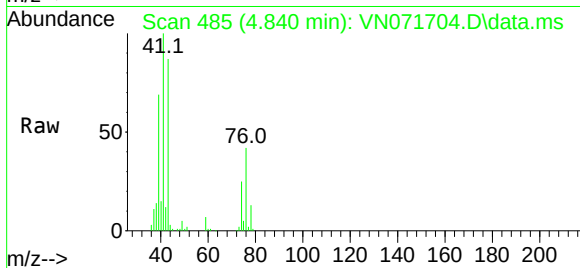
78 8.5 7.8 11.8



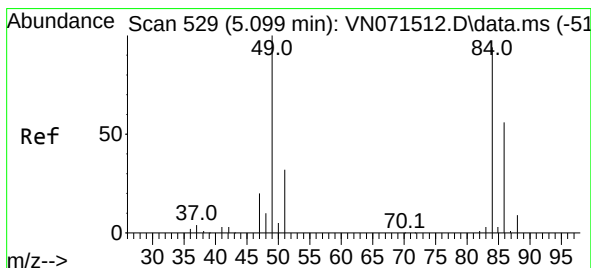
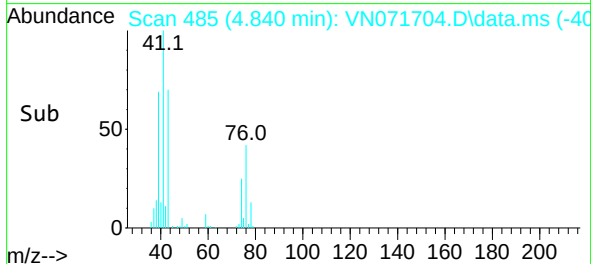
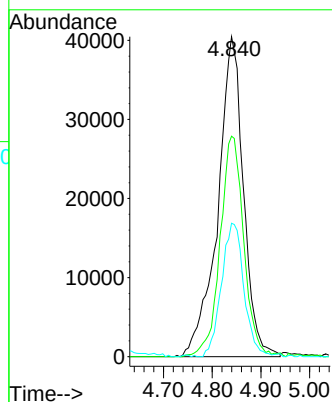


#17
 Allyl chloride
 Concen: 18.329 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

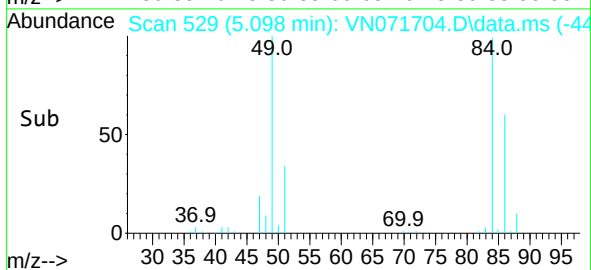
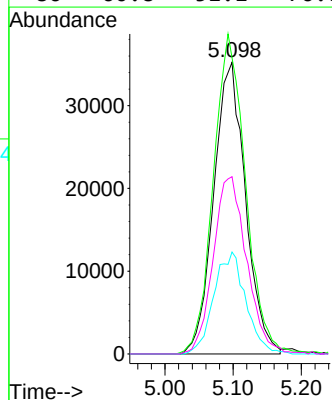
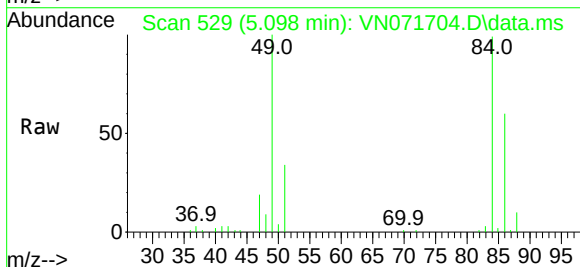


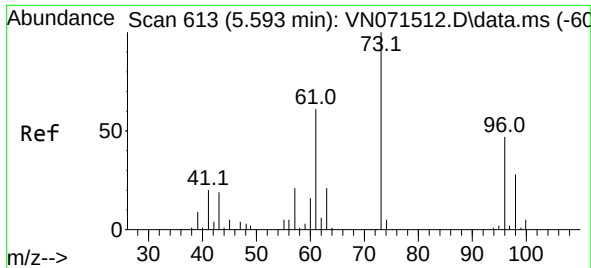
Tgt Ion: 41 Resp: 148110
 Ion Ratio Lower Upper
 41 100
 39 68.9 44.6 134.0
 76 41.7 19.6 58.7



#18
 Methylene Chloride
 Concen: 19.064 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Tgt Ion: 84 Resp: 113940
 Ion Ratio Lower Upper
 84 100
 49 101.0 91.4 137.0
 51 34.9 29.4 44.0
 86 60.8 51.1 76.7

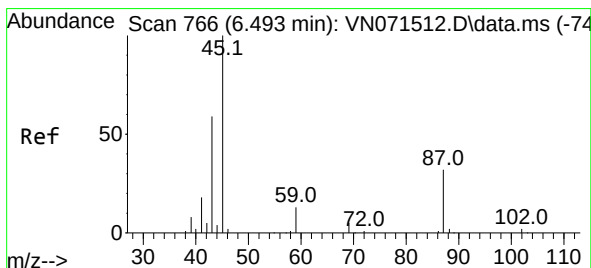
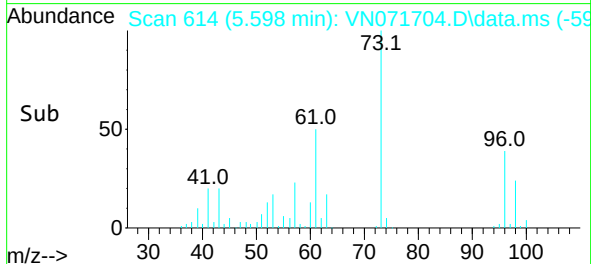
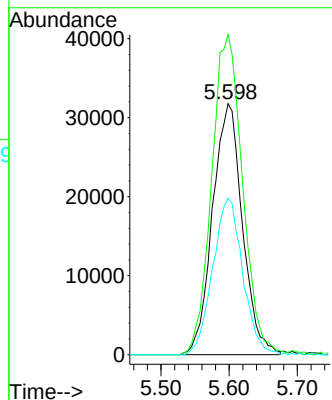
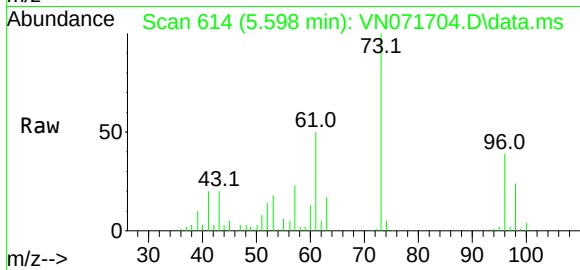




#19
trans-1,2-Dichloroethene
Concen: 18.183 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

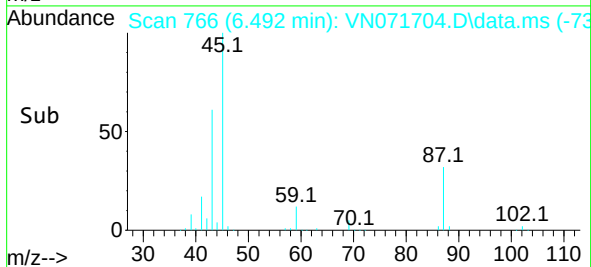
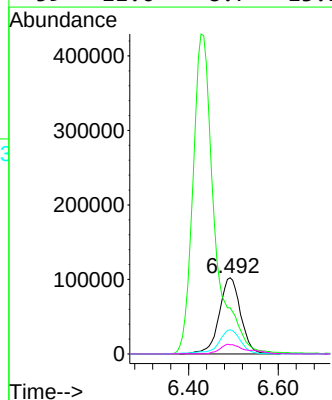
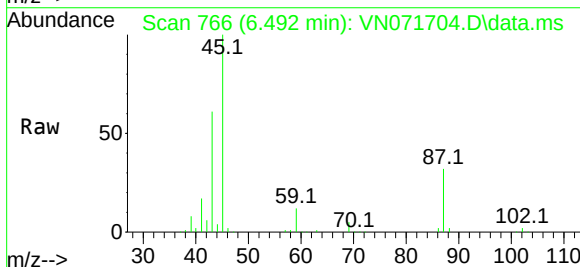
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

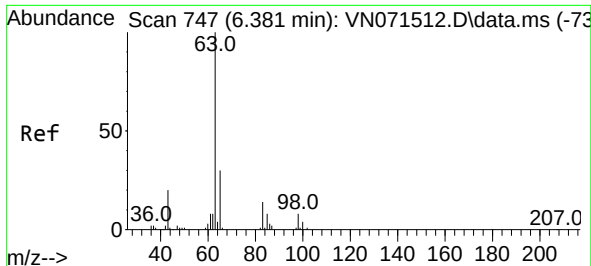
Tgt Ion: 96 Resp: 96895
Ion Ratio Lower Upper
96 100
61 127.5 102.8 154.2
98 62.3 49.3 73.9



#20
Diisopropyl ether
Concen: 20.136 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 45 Resp: 340452
Ion Ratio Lower Upper
45 100
43 58.5 51.0 76.4
87 31.7 25.0 37.4
59 11.6 8.7 13.1

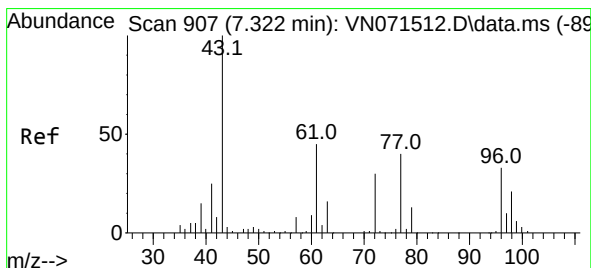
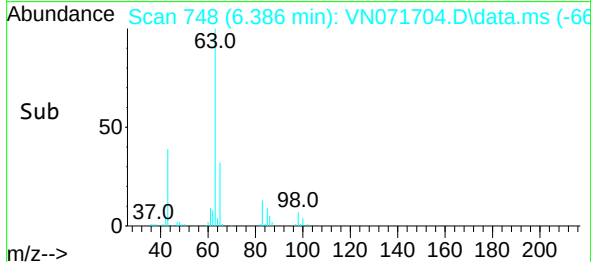
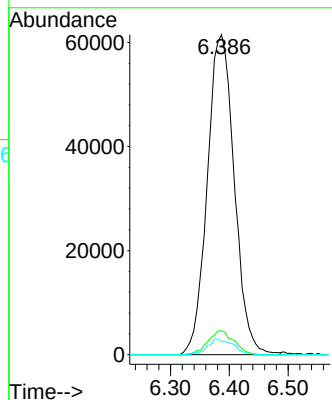
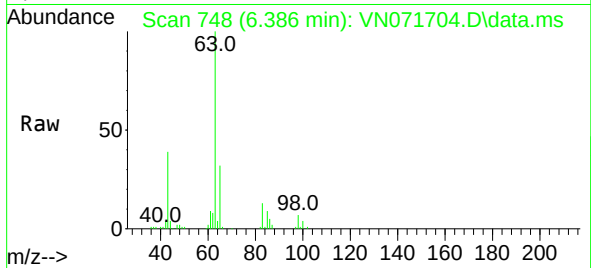




#21
1,1-Dichloroethane
Concen: 19.252 ug/l
RT: 6.386 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

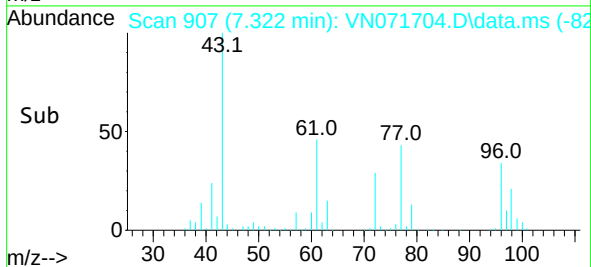
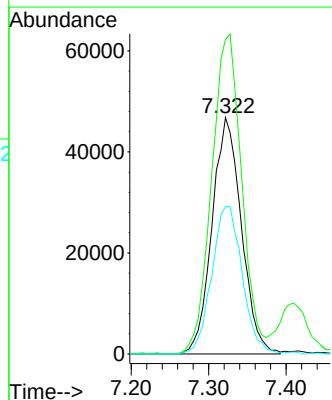
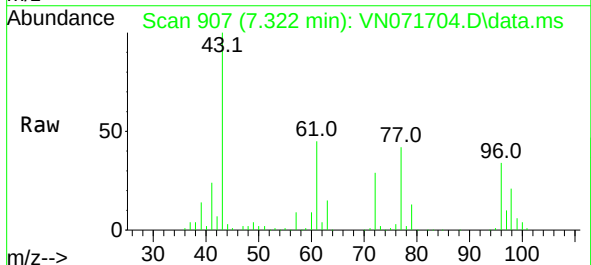
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

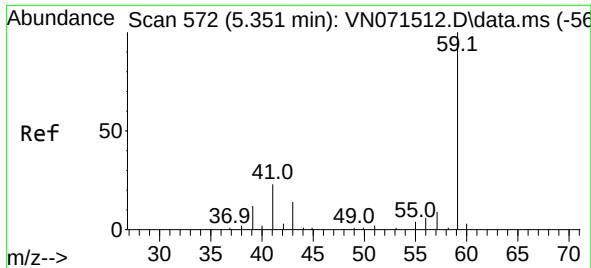
Tgt Ion: 63 Resp: 196523
Ion Ratio Lower Upper
63 100
98 7.4 3.2 9.6
100 4.1 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 19.030 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 96 Resp: 123198
Ion Ratio Lower Upper
96 100
61 138.7 115.7 173.5
98 64.8 51.6 77.4

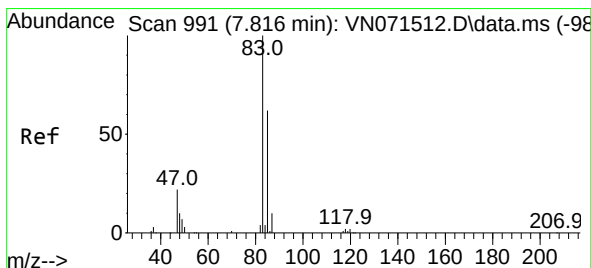
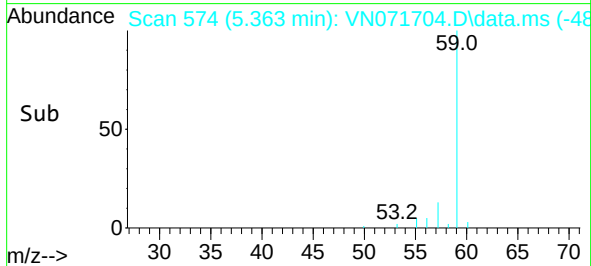
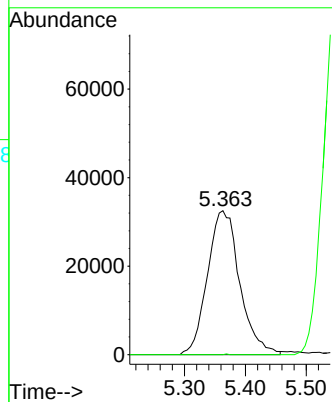
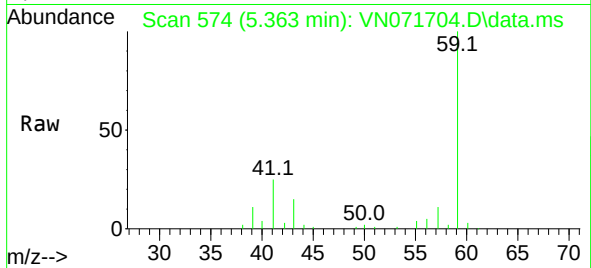




#23
tert-Butyl Alcohol
Concen: 105.526 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

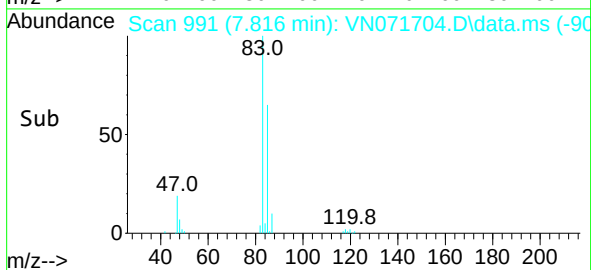
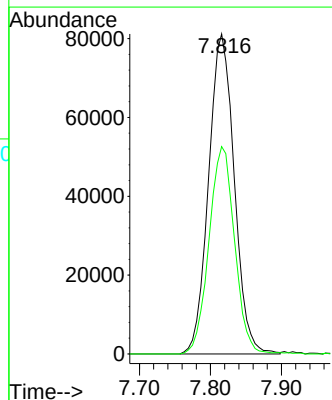
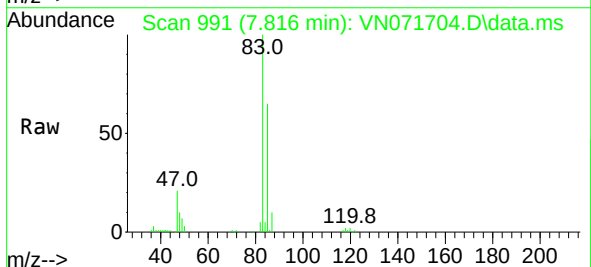
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

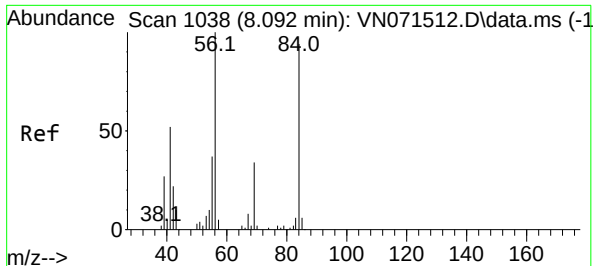
Tgt Ion: 59 Resp: 119741
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 19.842 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 83 Resp: 203708
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9

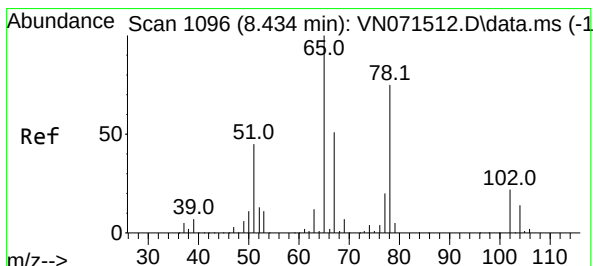
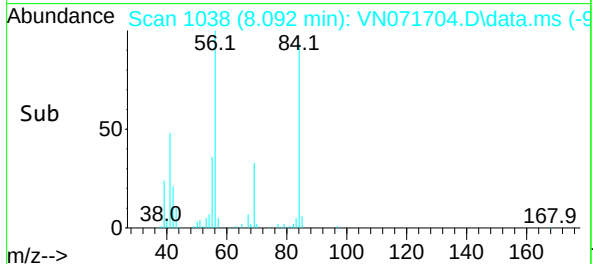
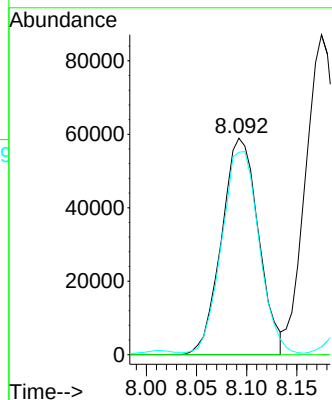
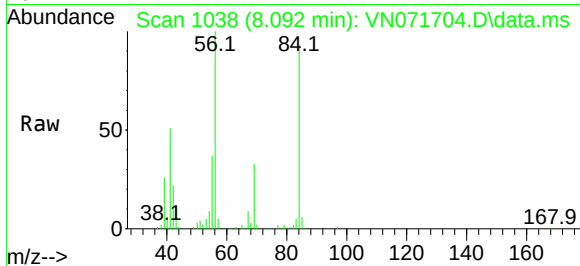




#26
Cyclohexane
Concen: 17.164 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

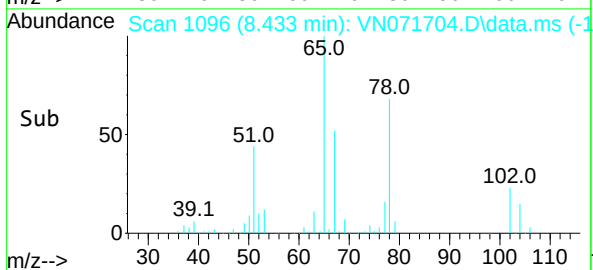
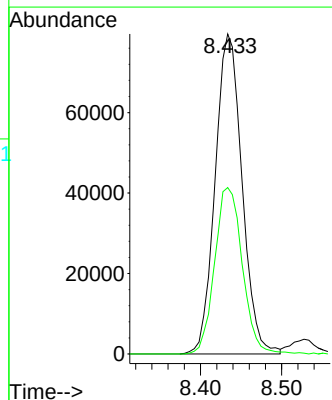
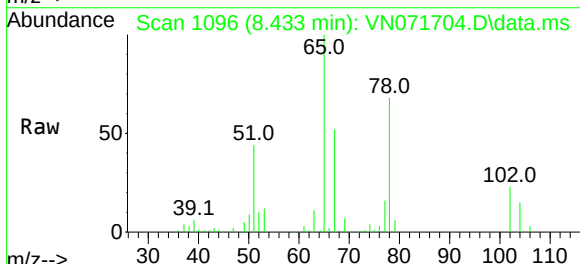
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

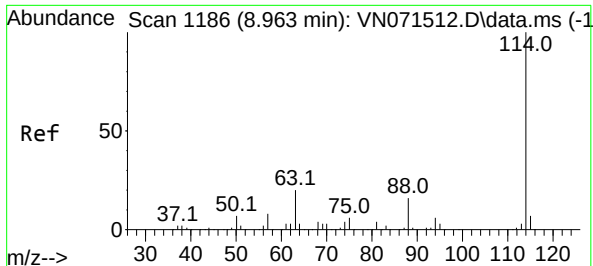
Tgt Ion: 56 Resp: 151449
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.0 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 30.229 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 65 Resp: 183151
Ion Ratio Lower Upper
65 100
67 53.5 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: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

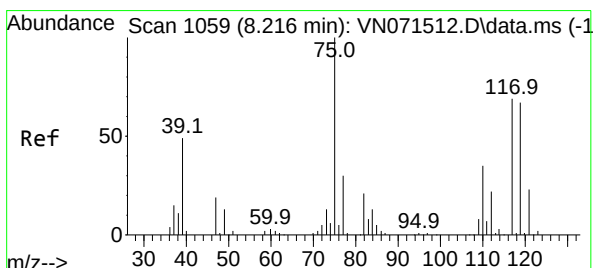
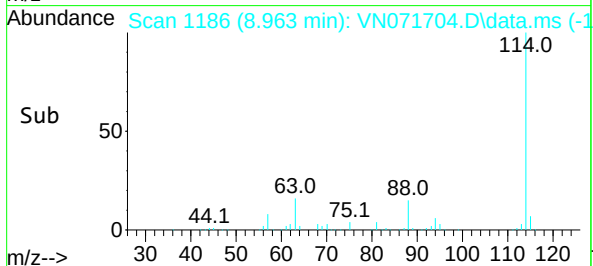
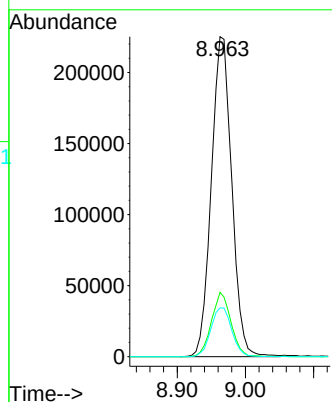
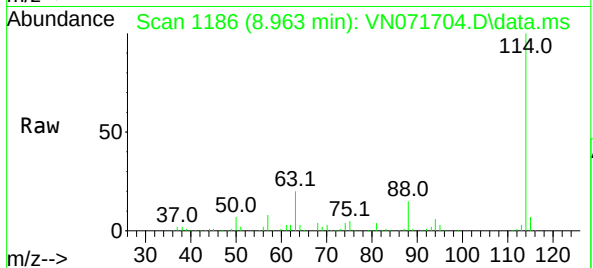
Tgt Ion:114 Resp: 469517

Ion Ratio Lower Upper

114 100

63 19.1 15.8 23.6

88 15.7 11.6 17.4



#29

1,1-Dichloropropene

Concen: 18.189 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

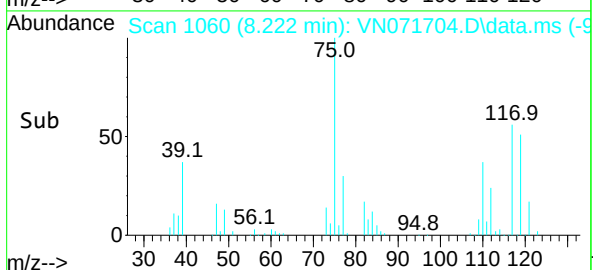
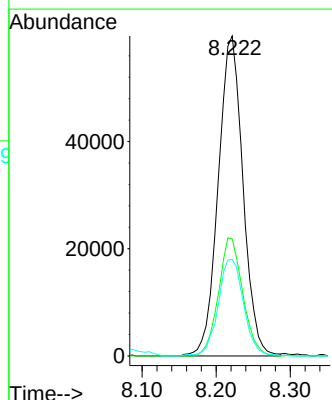
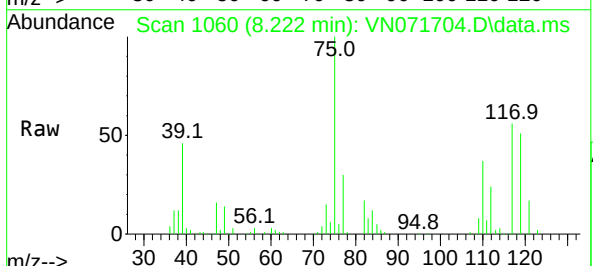
Tgt Ion: 75 Resp: 138228

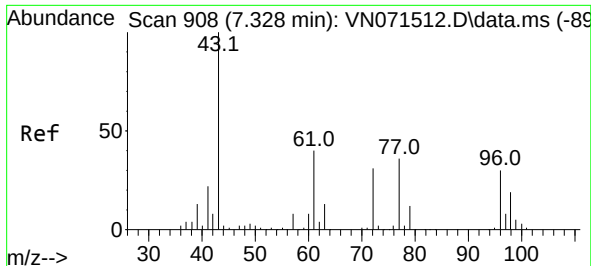
Ion Ratio Lower Upper

75 100

110 36.2 0.0 74.2

77 30.9 0.0 63.2

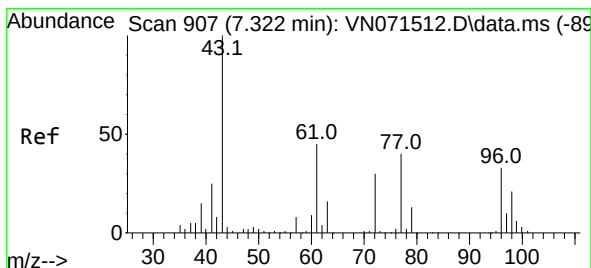
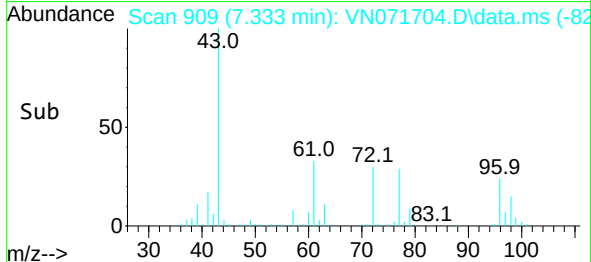
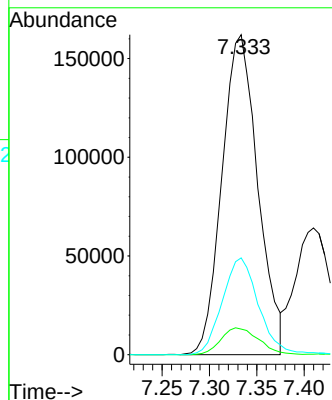
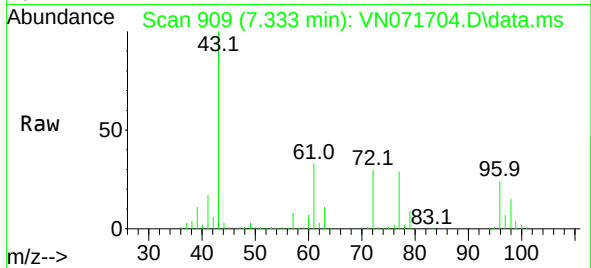




#30
2-Butanone
Concen: 100.959 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

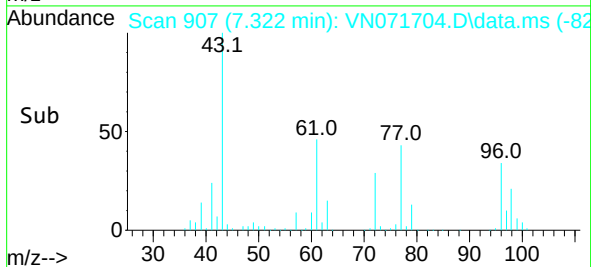
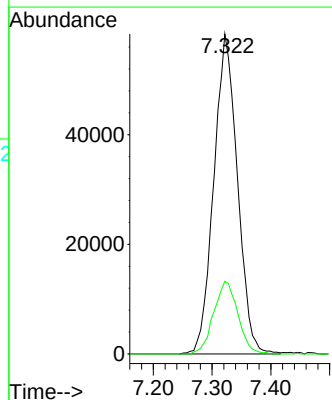
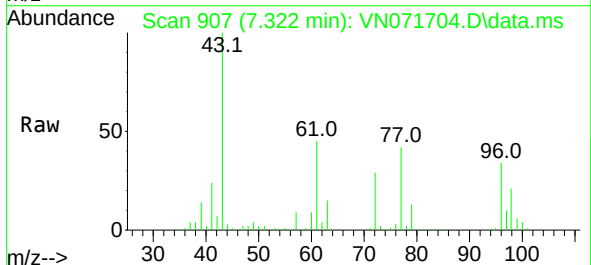
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

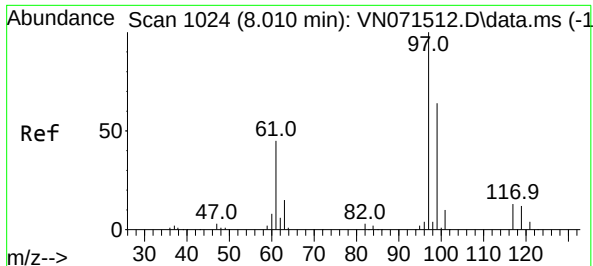
Tgt Ion: 43 Resp: 427083
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.8 23.2 34.8



#31
2,2-Dichloropropane
Concen: 18.829 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 77 Resp: 163012
Ion Ratio Lower Upper
77 100
97 23.2 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 19.126 ug/l

RT: 8.016 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

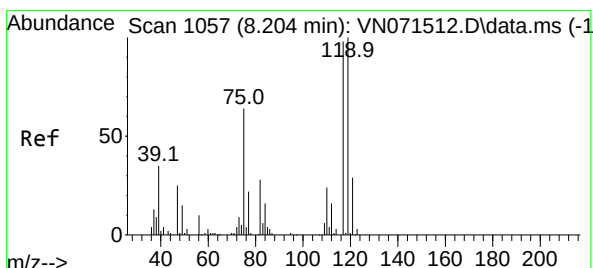
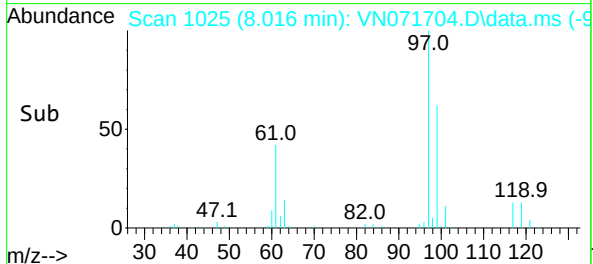
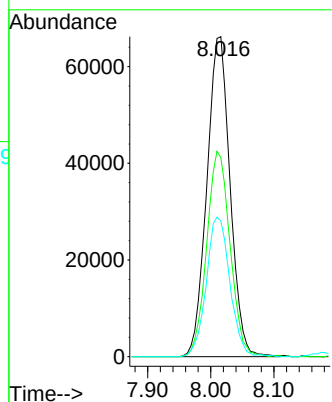
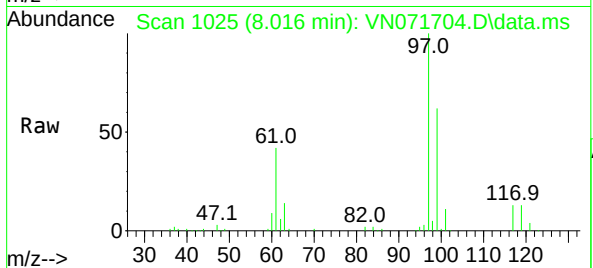
Tgt Ion: 97 Resp: 169286

Ion Ratio Lower Upper

97 100

99 64.5 50.4 75.6

61 44.0 34.6 51.8



#33

Carbon Tetrachloride

Concen: 18.440 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

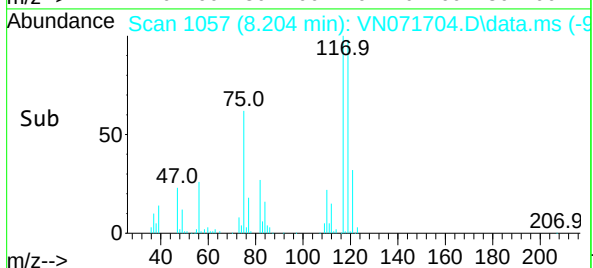
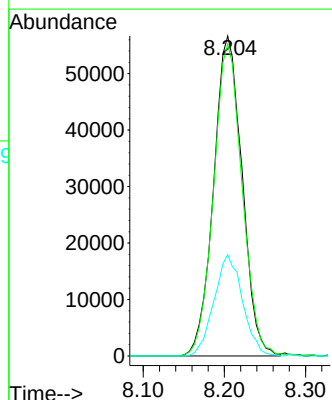
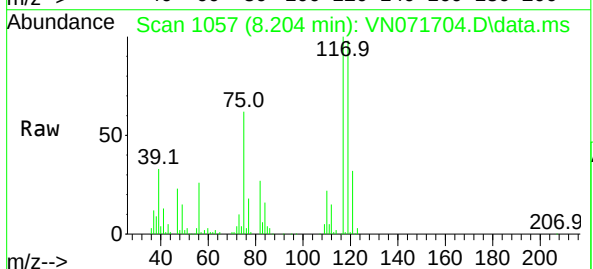
Tgt Ion: 117 Resp: 138161

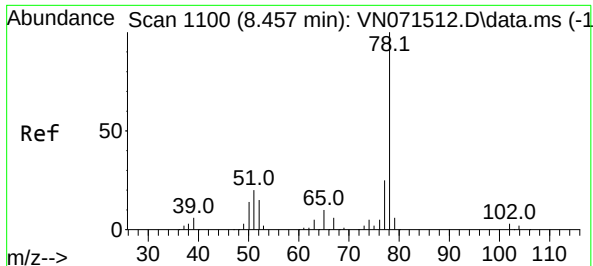
Ion Ratio Lower Upper

117 100

119 97.5 77.5 116.3

121 31.7 23.5 35.3

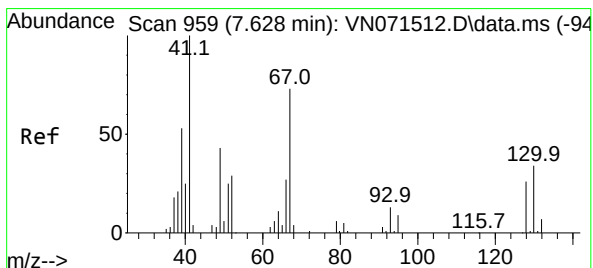
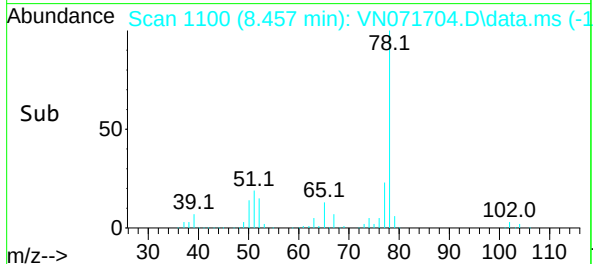
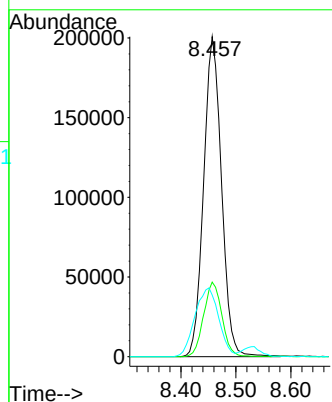
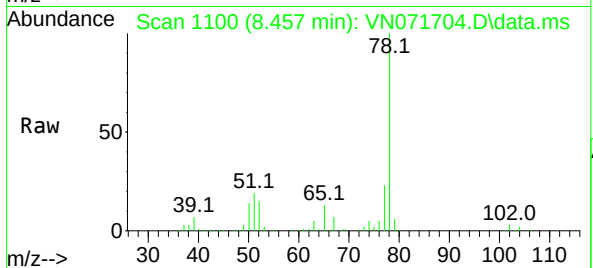




#34
Benzene
Concen: 19.228 ug/l
RT: 8.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

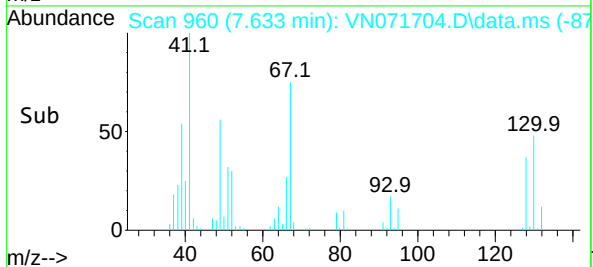
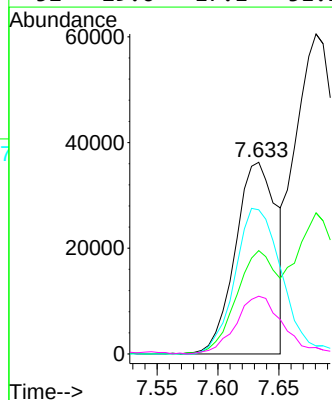
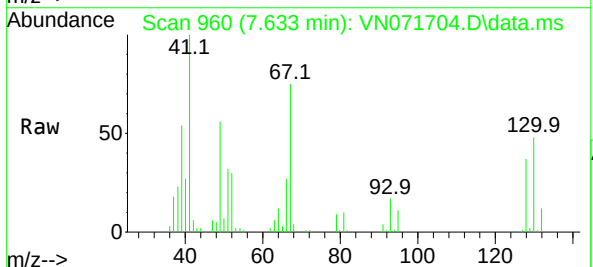
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

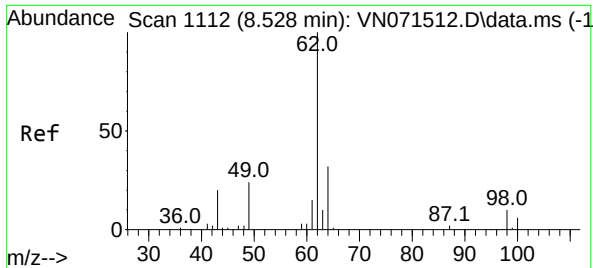
Tgt Ion: 78 Resp: 454010
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
51 19.1 16.0 24.0



#35
Methacrylonitrile
Concen: 21.107 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 41 Resp: 85665
Ion Ratio Lower Upper
41 100
39 53.9 28.0 83.9
67 75.2 37.7 113.1
52 29.6 17.1 51.2





#36

1,2-Dichloroethane

Concen: 19.425 ug/l

RT: 8.527 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

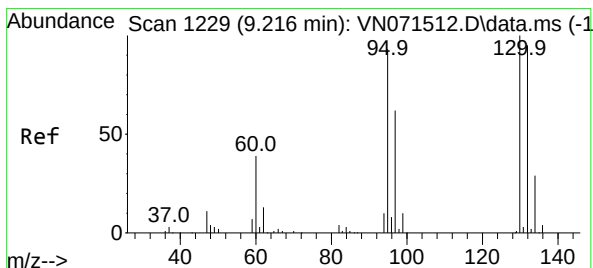
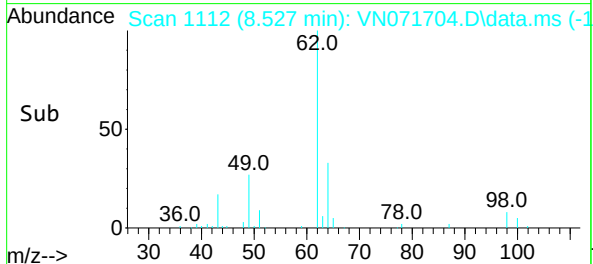
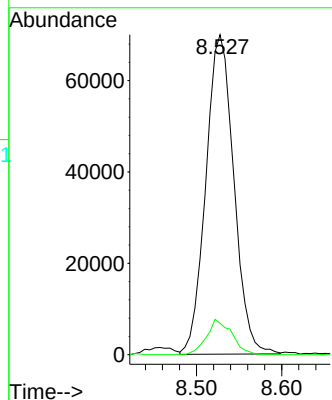
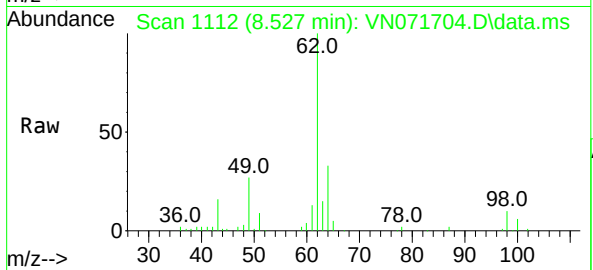
VN0331WBSD01

Tgt Ion: 62 Resp: 160001

Ion Ratio Lower Upper

62 100

98 9.9 6.6 10.0



#37

Trichloroethene

Concen: 18.796 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VN071704.D

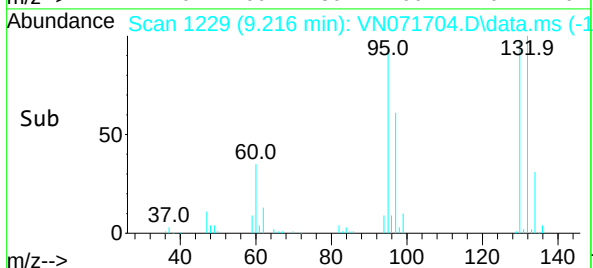
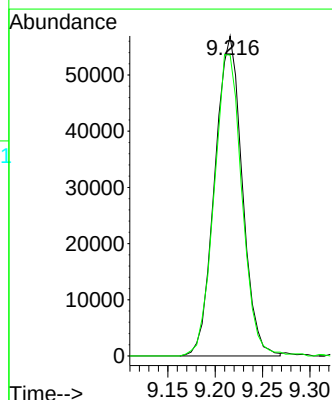
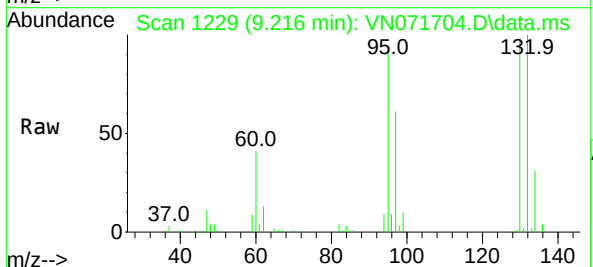
Acq: 31 Mar 2022 15:13

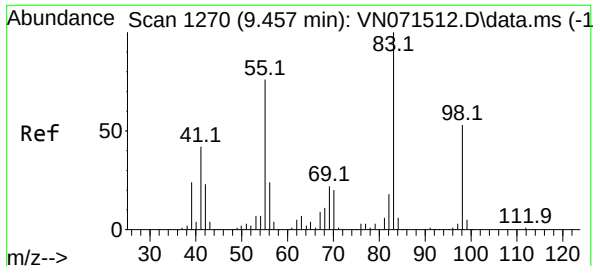
Tgt Ion: 130 Resp: 114511

Ion Ratio Lower Upper

130 100

95 94.1 76.6 115.0

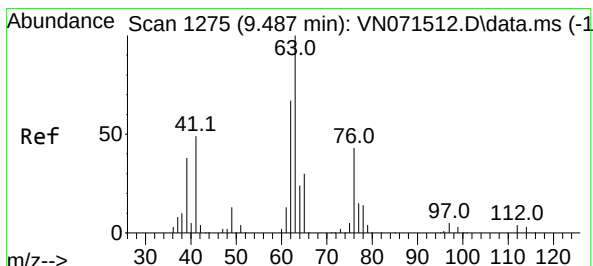
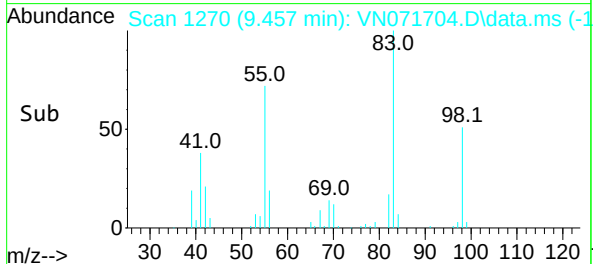
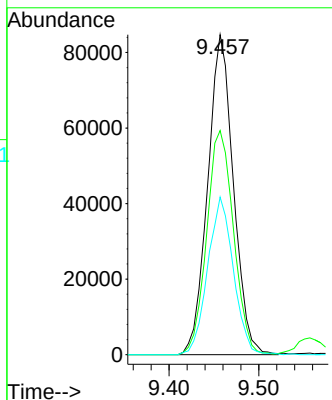
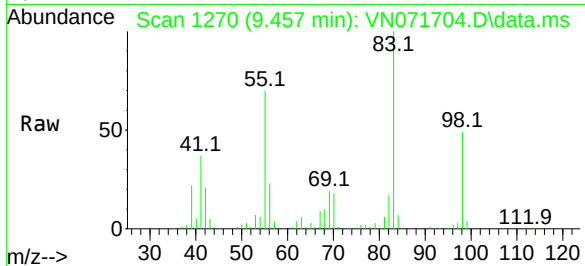




#38
Methylcyclohexane
Concen: 17.609 ug/l
RT: 9.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

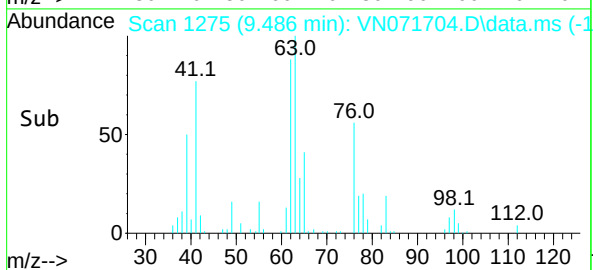
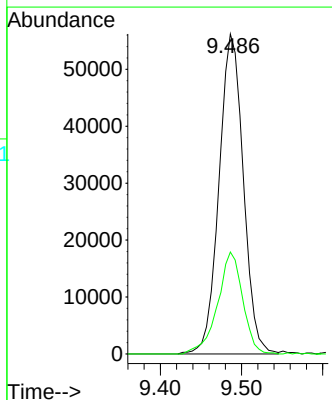
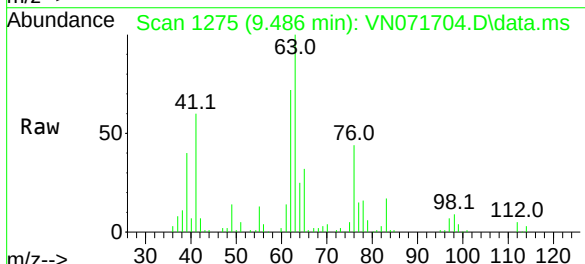
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

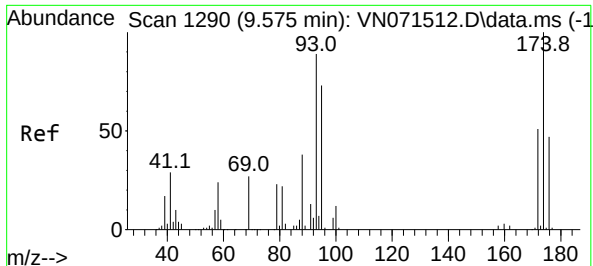
Tgt Ion: 83 Resp: 168676
Ion Ratio Lower Upper
83 100
55 73.2 35.1 105.3
98 49.0 23.4 70.2



#39
1,2-Dichloropropane
Concen: 19.788 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 63 Resp: 116892
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.4

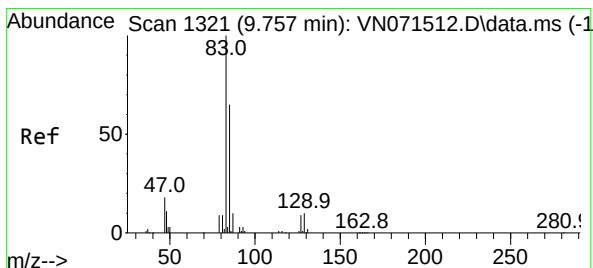
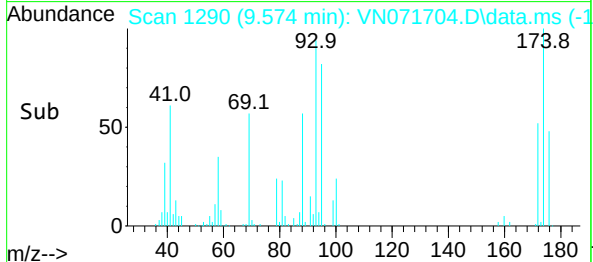
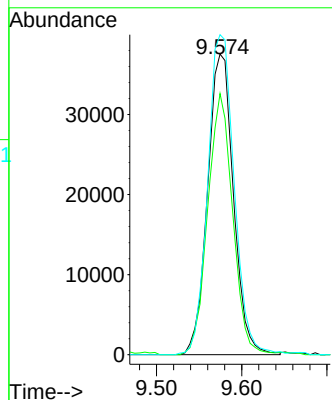
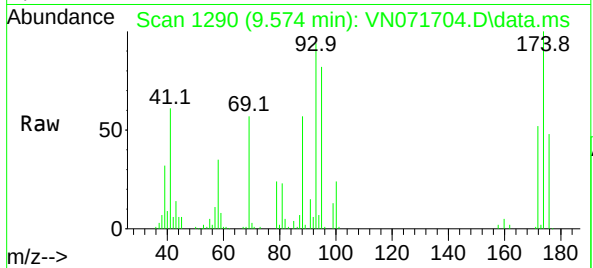




#40
Dibromomethane
Concen: 19.824 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

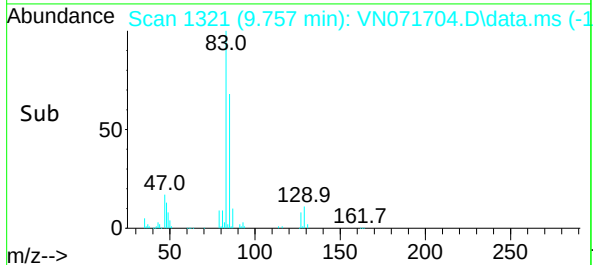
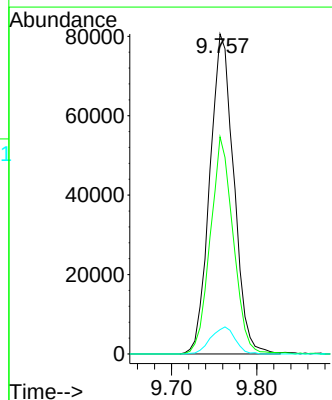
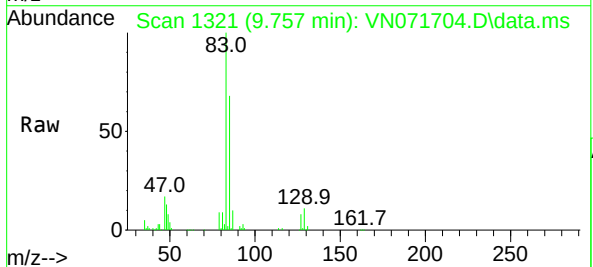
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

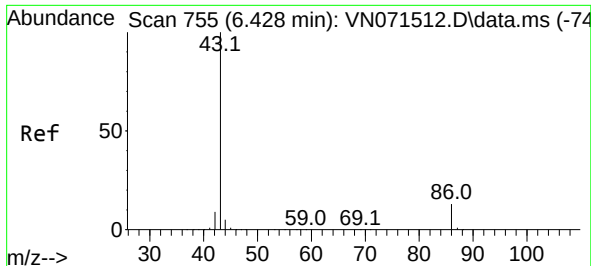
Tgt Ion: 93 Resp: 79265
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.8
174 108.8 0.0 173.6



#41
Bromodichloromethane
Concen: 19.746 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 83 Resp: 157997
Ion Ratio Lower Upper
83 100
85 67.8 54.1 81.1
127 7.6 7.6 11.4

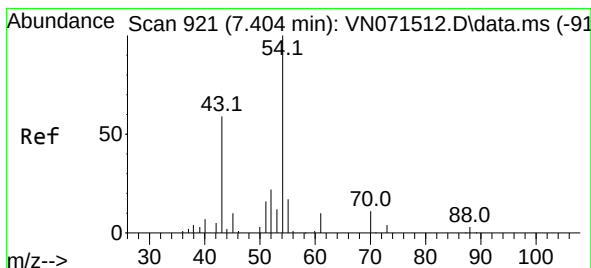
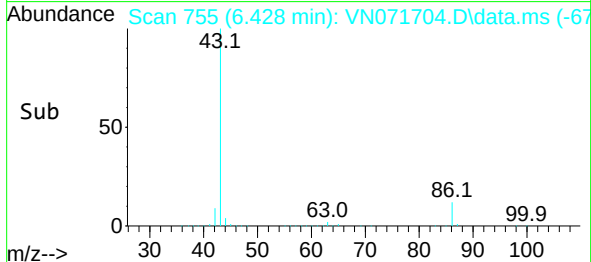
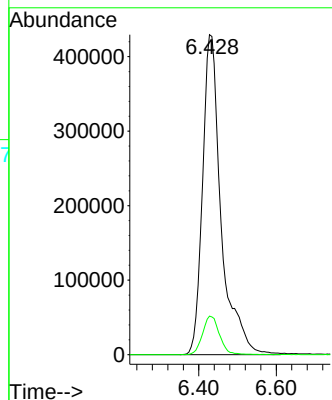
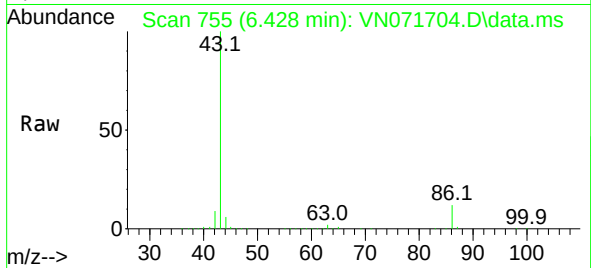




#42
 Vinyl Acetate
 Concen: 98.866 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

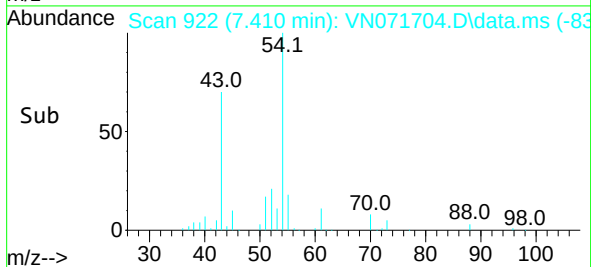
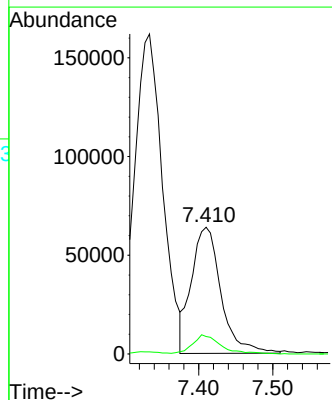
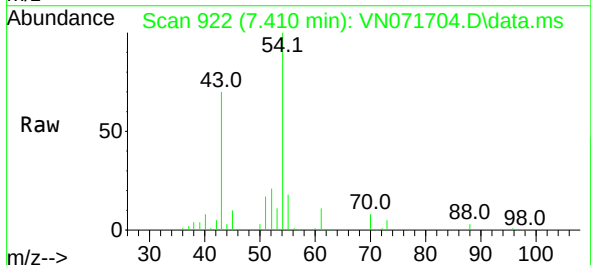
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

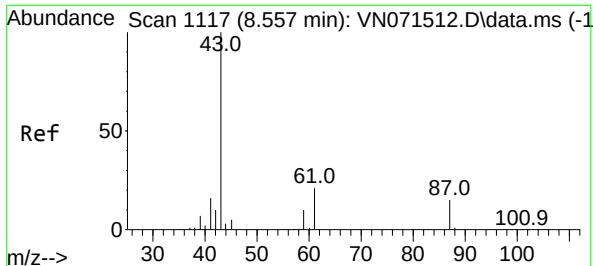
Tgt Ion: 43 Resp: 1433025
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#43
 Ethyl Acetate
 Concen: 21.631 ug/l
 RT: 7.410 min Scan# 922
 Delta R.T. 0.006 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Tgt Ion: 43 Resp: 177437
 Ion Ratio Lower Upper
 43 100
 45 12.6 10.6 16.0

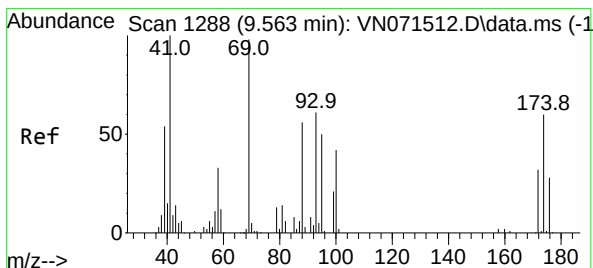
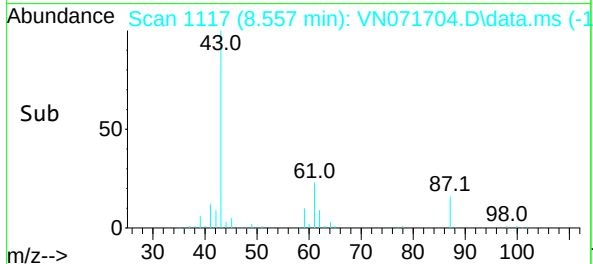
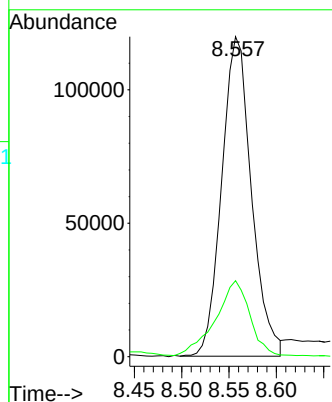
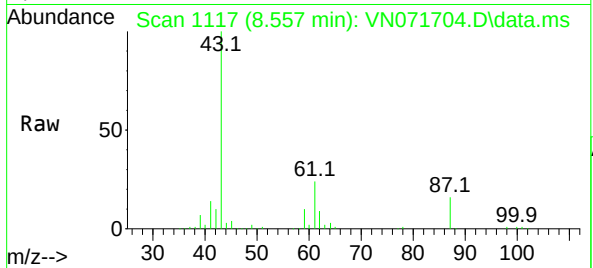




#44
Isopropyl Acetate
Concen: 19.901 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

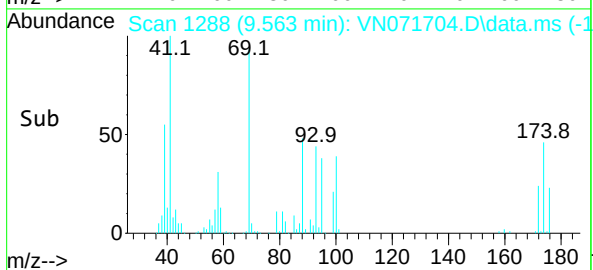
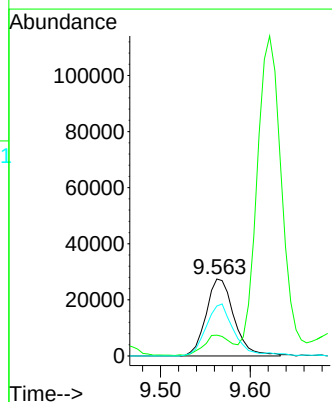
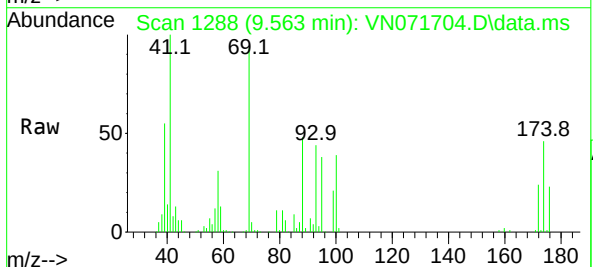
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

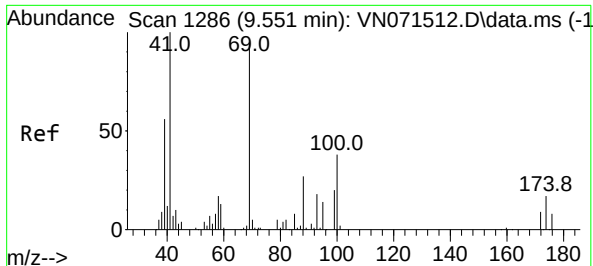
Tgt Ion: 43 Resp: 261818
Ion Ratio Lower Upper
43 100
61 27.4 20.1 30.1



#45
1,4-Dioxane
Concen: 446.171 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 88 Resp: 59224
Ion Ratio Lower Upper
88 100
43 26.4 25.0 37.6
58 66.0 49.4 74.2





#46

Methyl methacrylate

Concen: 19.157 ug/l

RT: 9.557 min Scan# 110522

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

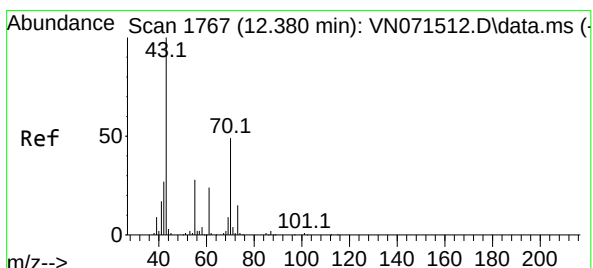
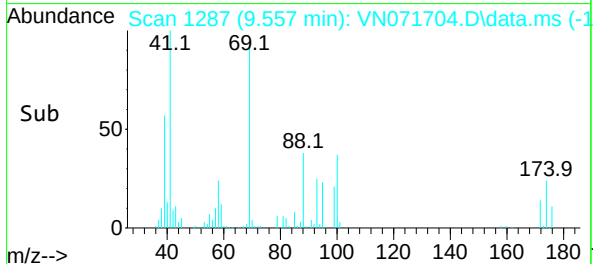
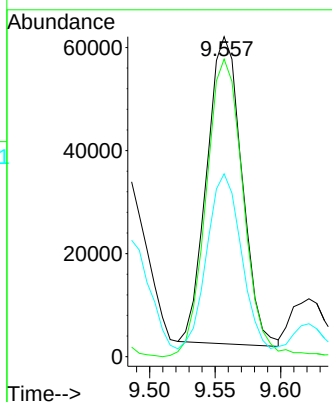
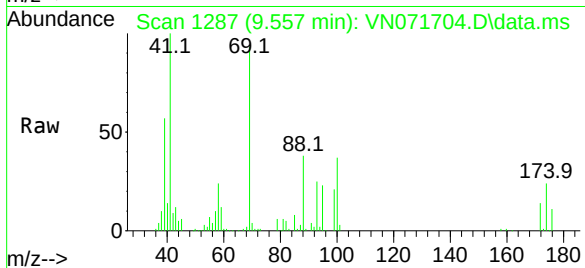
Tgt Ion: 41 Resp: 110522

Ion Ratio Lower Upper

41 100

69 96.0 44.4 133.2

39 57.4 39.9 119.6



#47

n-amy1 Acetate

Concen: 18.607 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071704.D

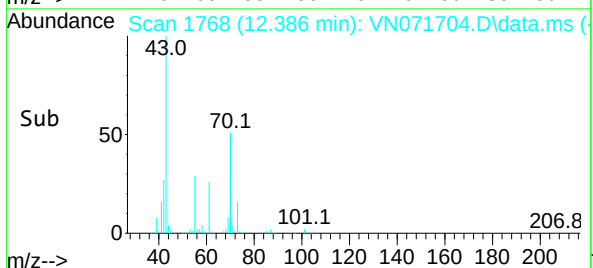
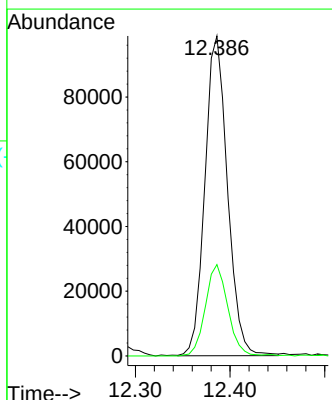
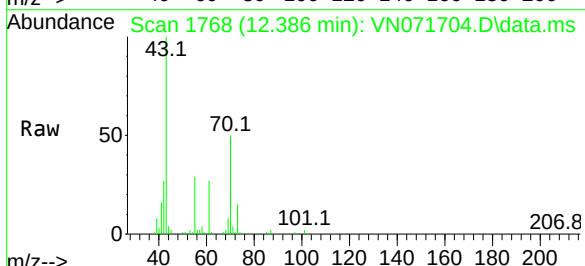
Acq: 31 Mar 2022 15:13

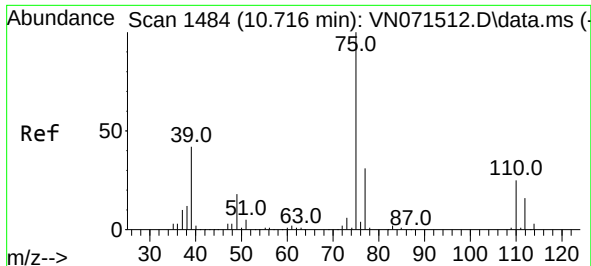
Tgt Ion: 43 Resp: 163353

Ion Ratio Lower Upper

43 100

55 28.3 19.0 28.6

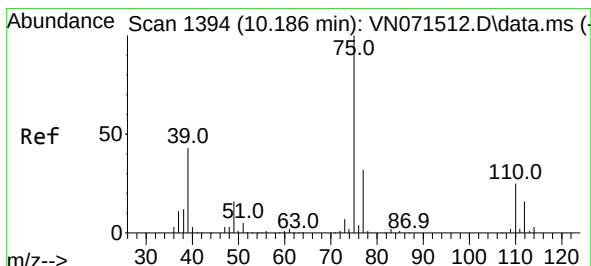
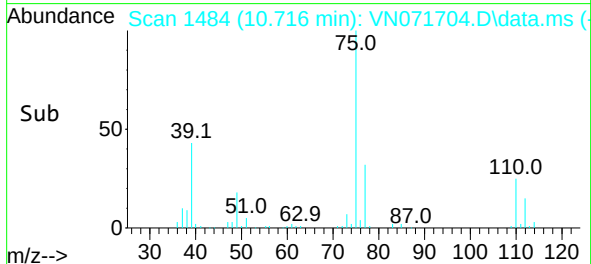
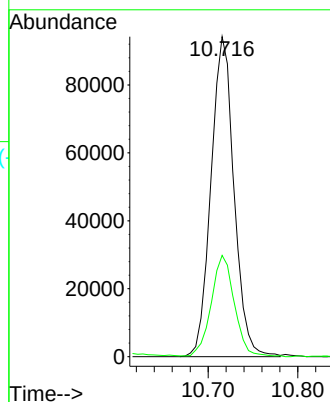
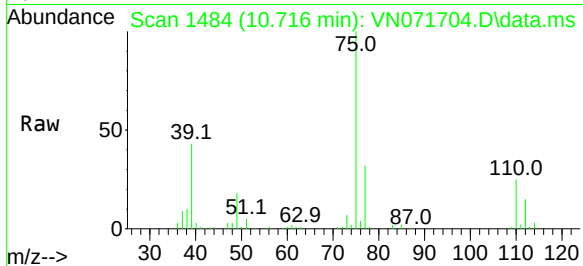




#48
t-1,3-Dichloropropene
Concen: 19.294 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

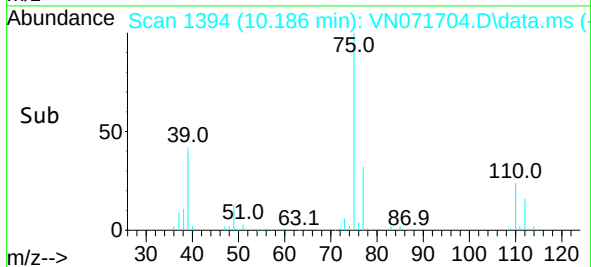
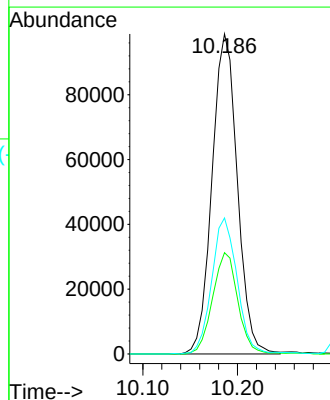
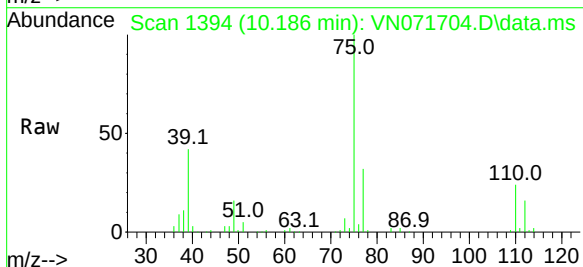
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

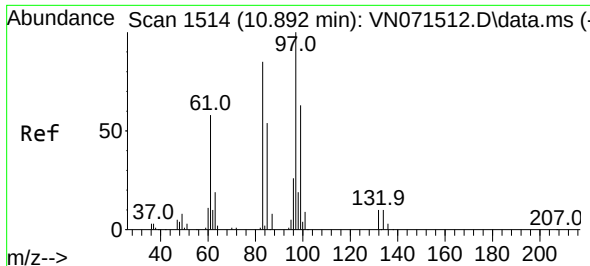
Tgt Ion: 75 Resp: 167792
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 19.275 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 75 Resp: 183311
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 42.5 46.2 69.4#

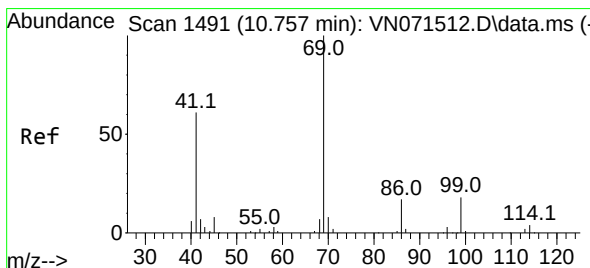
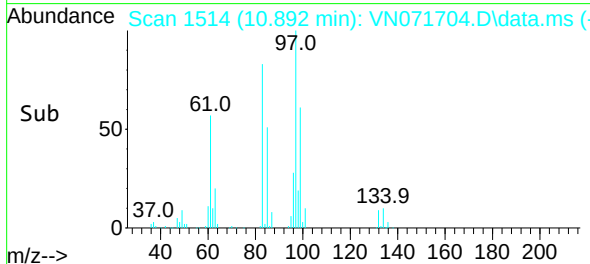
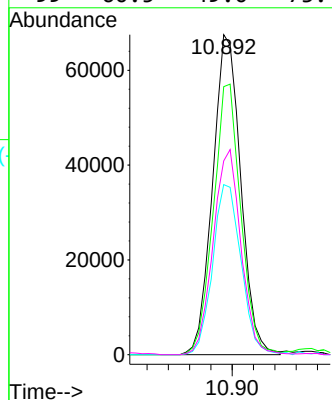
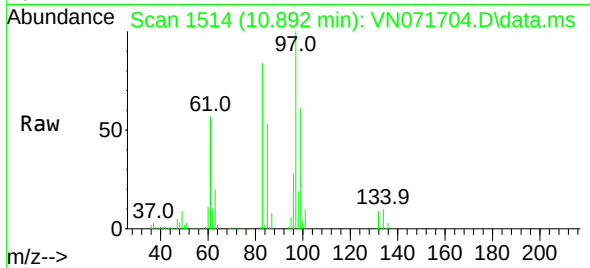




#50
1,1,2-Trichloroethane
Concen: 20.683 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

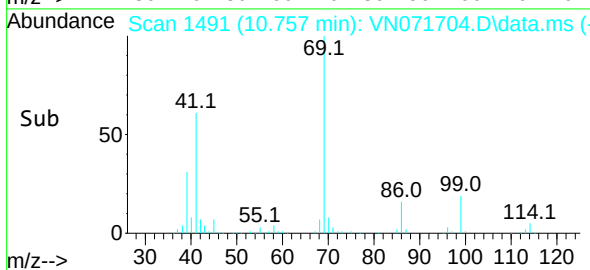
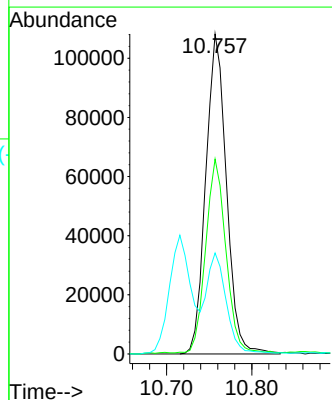
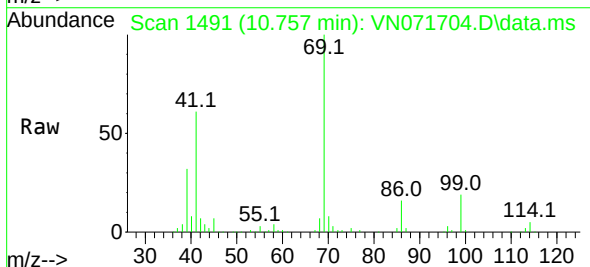
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

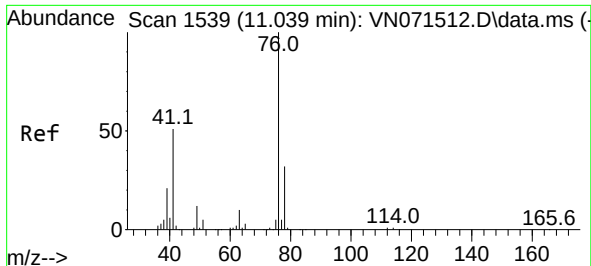
Tgt Ion:	97	Resp:	123633
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	53.1	43.0	64.4
99	60.5	49.0	73.4



#51
Ethyl methacrylate
Concen: 19.797 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:	69	Resp:	182712
Ion	Ratio	Lower	Upper
69	100		
41	60.5	33.0	98.9
39	31.2	25.4	76.4

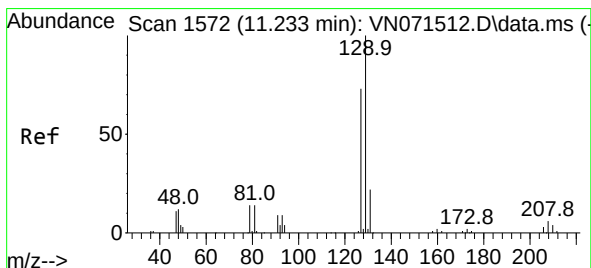
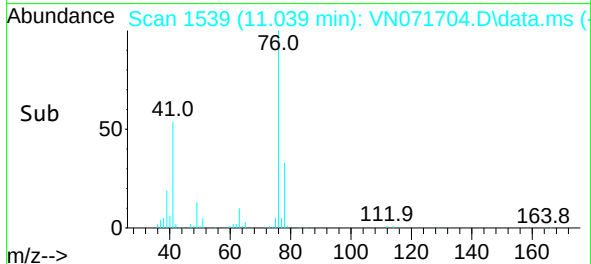
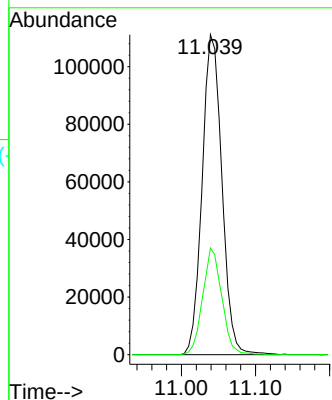
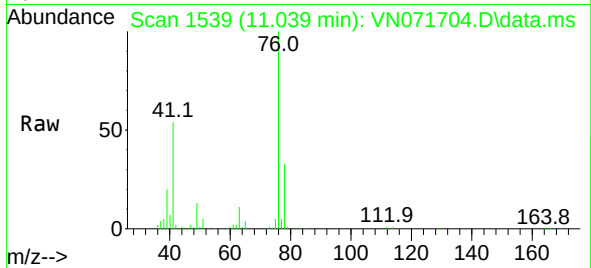




#52
1,3-Dichloropropane
Concen: 20.172 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

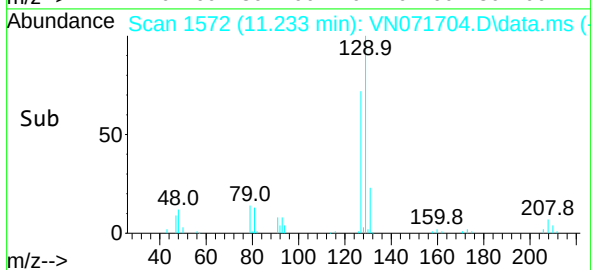
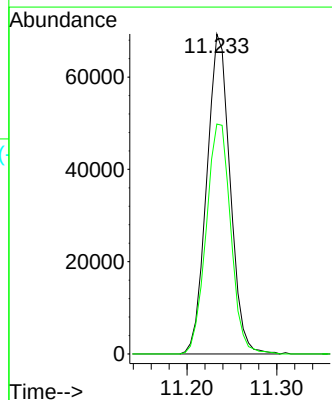
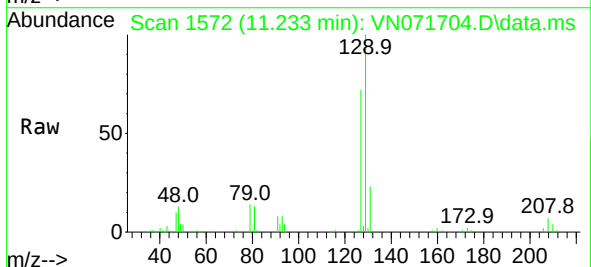
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

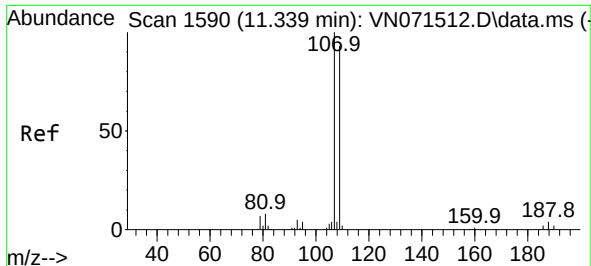
Tgt Ion: 76 Resp: 205917
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4



#53
Dibromochloromethane
Concen: 20.262 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 129 Resp: 125376
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

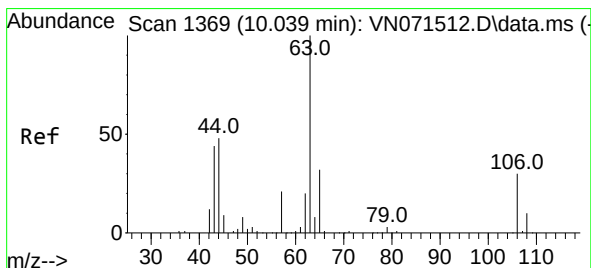
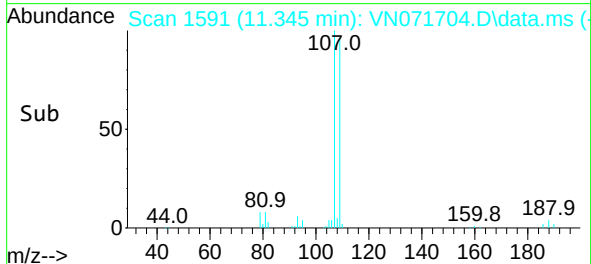
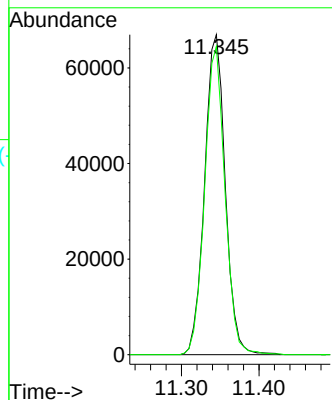
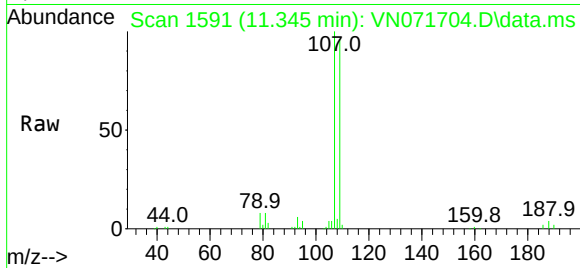




#54
1,2-Dibromoethane
Concen: 20.175 ug/l
RT: 11.345 min Scan# 11345
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

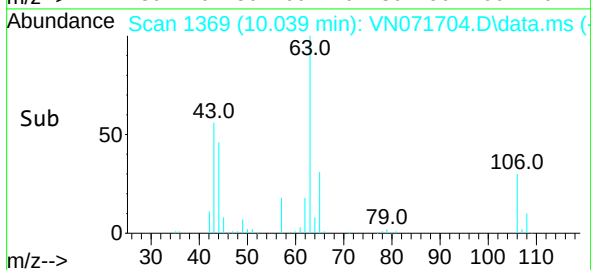
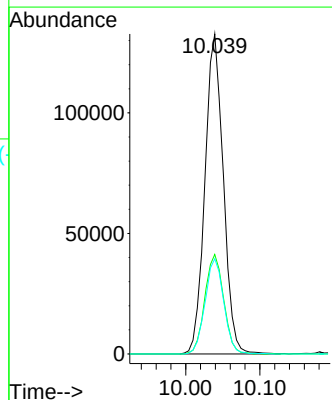
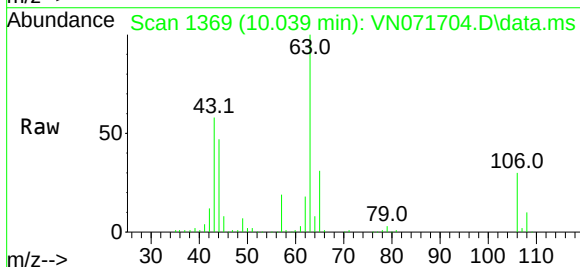
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

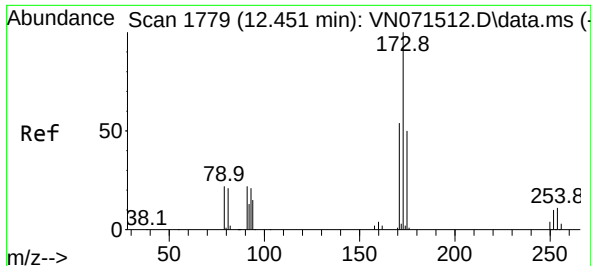
Tgt Ion:107 Resp: 124049
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 92.106 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 63 Resp: 229040
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 30.1 23.2 34.8

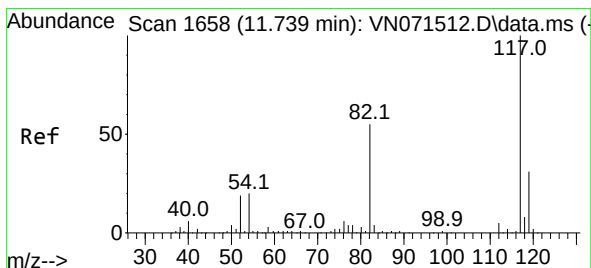
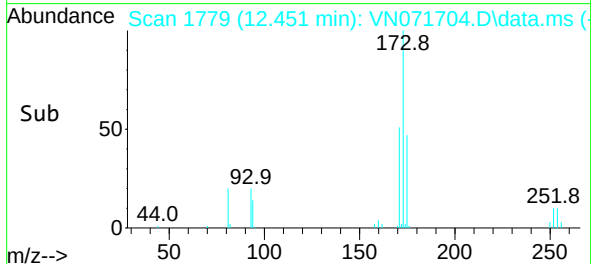
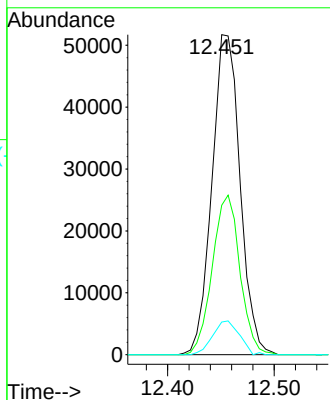
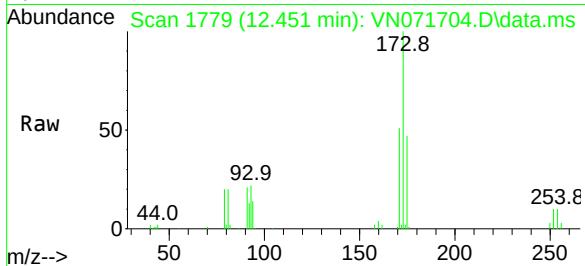




#56
Bromoform
Concen: 19.859 ug/l
RT: 12.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

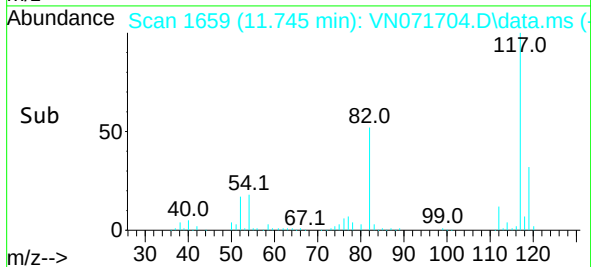
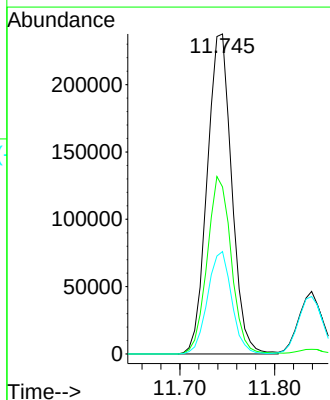
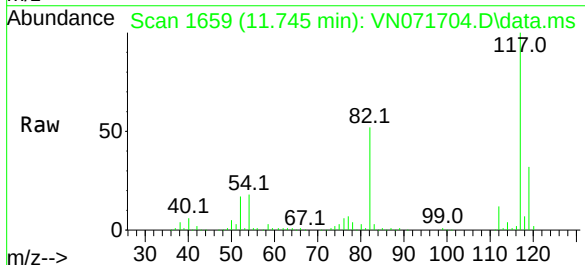
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

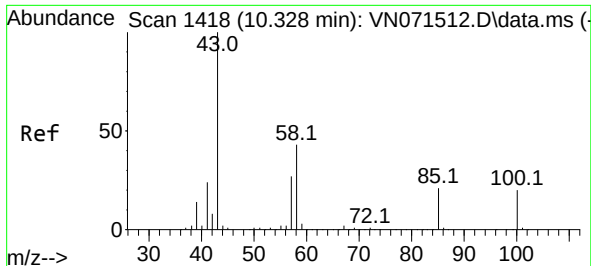
Tgt Ion:173 Resp: 94743
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 10.0 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:117 Resp: 427456
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.5 25.8 38.6

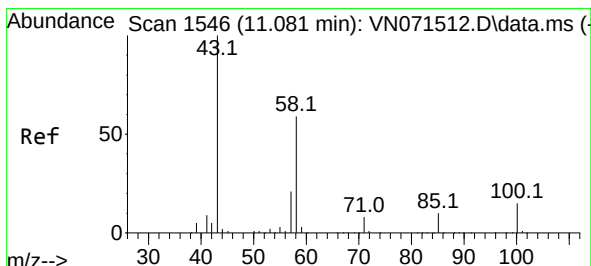
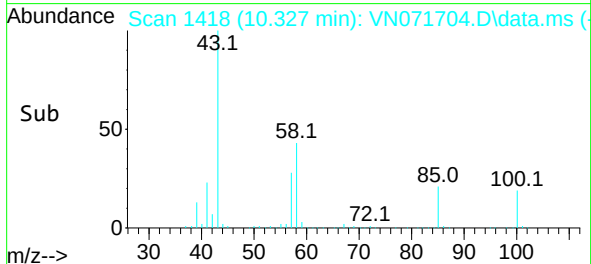
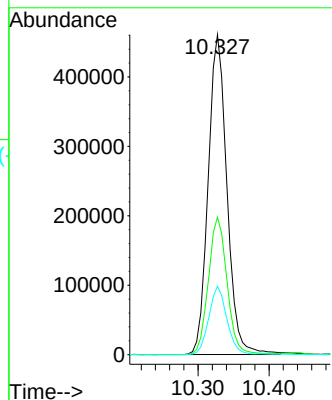
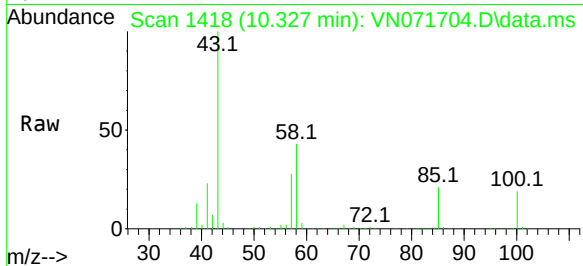




#58
4-Methyl-2-Pentanone
Concen: 104.349 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

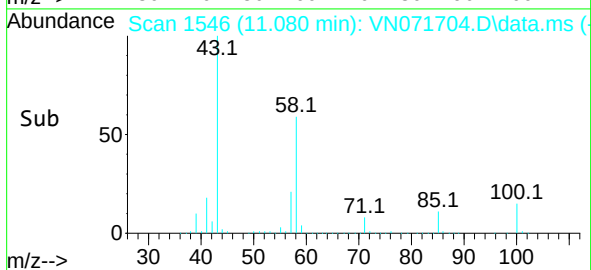
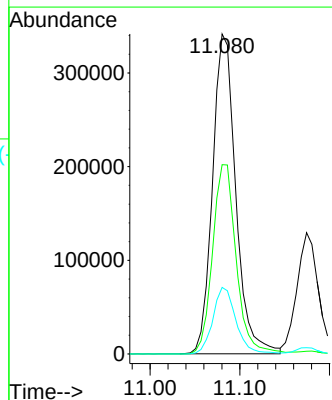
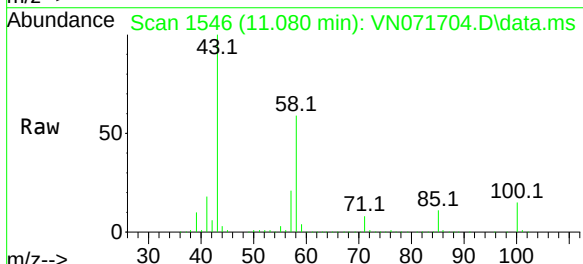
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

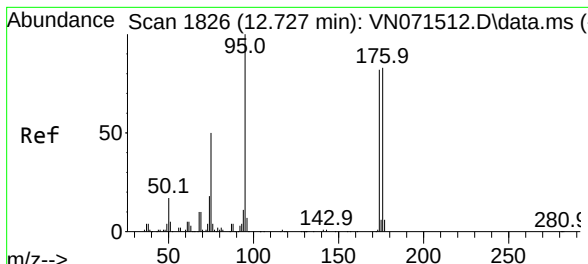
Tgt Ion: 43 Resp: 846730
Ion Ratio Lower Upper
43 100
58 43.0 30.0 45.0
85 20.6 15.0 22.6



#59
2-Hexanone
Concen: 103.744 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 43 Resp: 614619
Ion Ratio Lower Upper
43 100
58 60.2 42.2 63.2
57 20.7 15.0 22.4

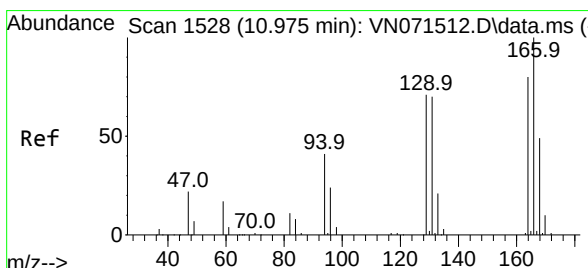
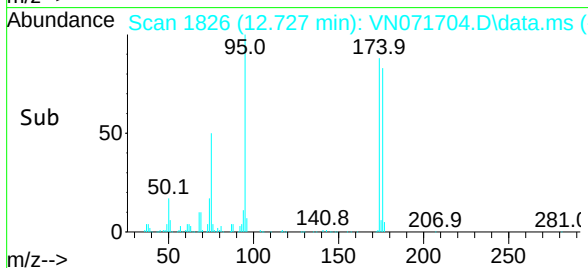
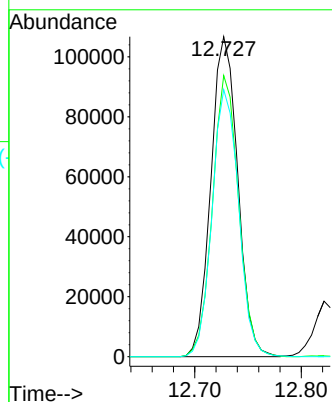
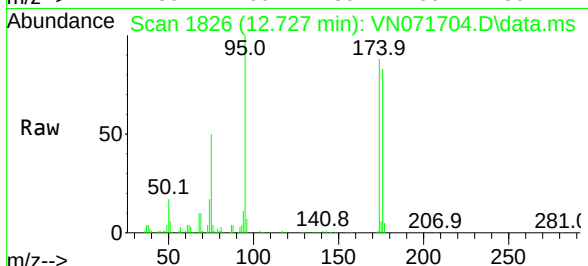




#60
4-Bromofluorobenzene
Concen: 29.468 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

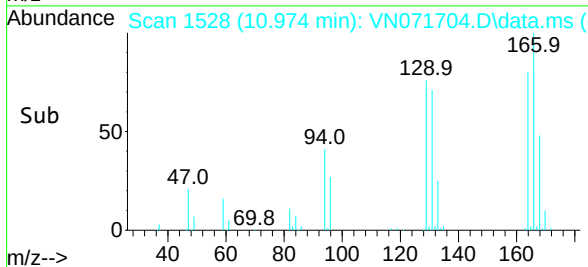
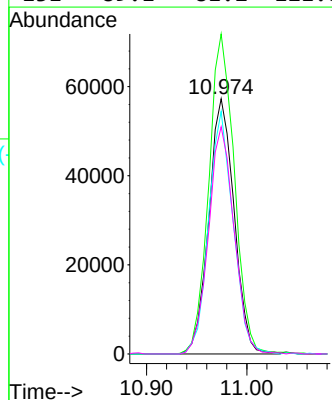
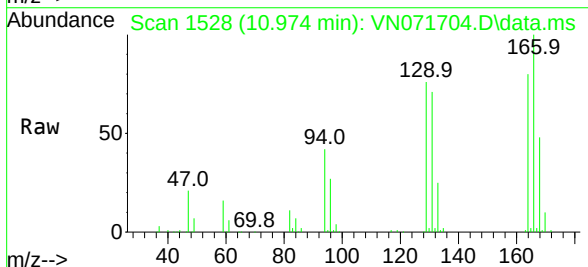
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

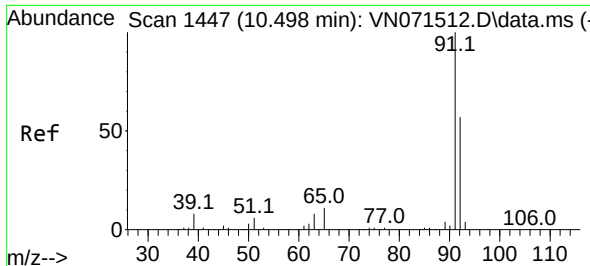
Tgt Ion: 95 Resp: 186771
Ion Ratio Lower Upper
95 100
174 85.3 62.9 94.3
176 82.3 61.0 91.4



#61
Tetrachloroethene
Concen: 19.357 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 164 Resp: 100703
Ion Ratio Lower Upper
164 100
166 125.1 105.8 158.8
129 95.1 82.5 123.7
131 89.1 81.2 121.8

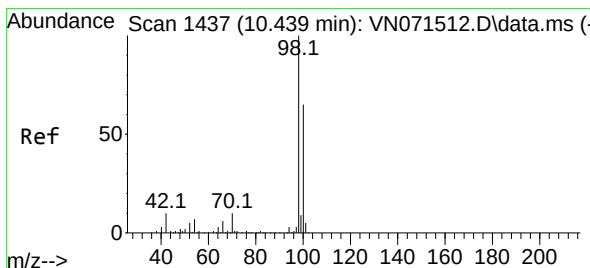
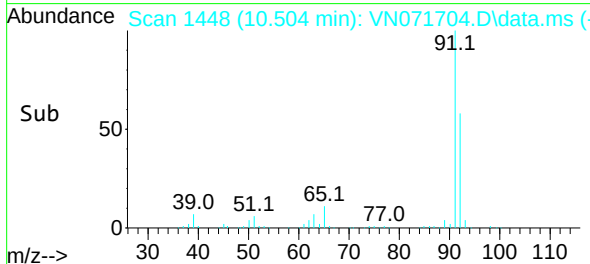
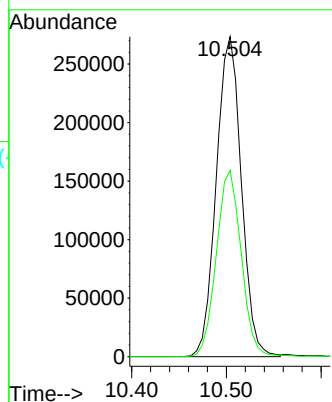
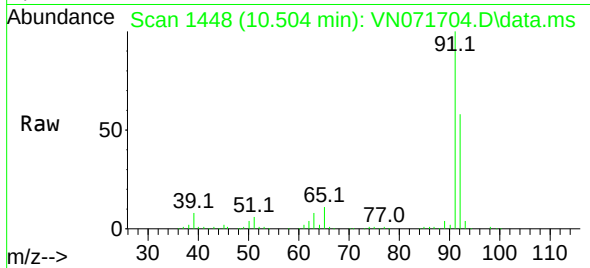




#62
Toluene
Concen: 19.412 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

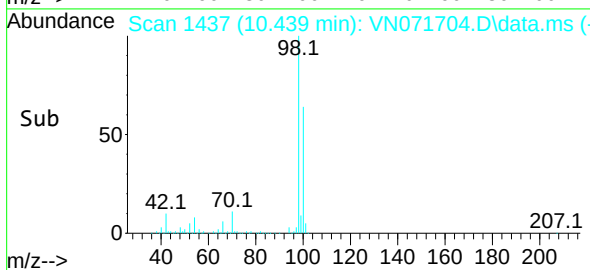
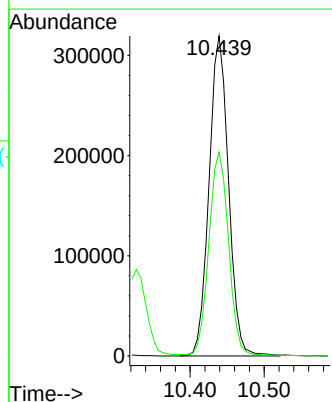
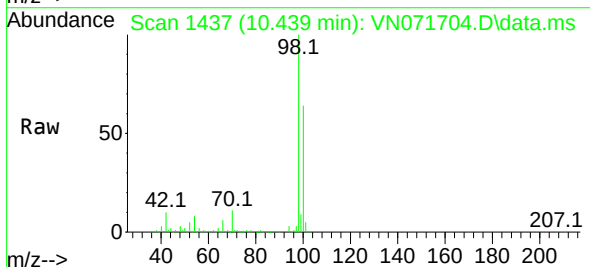
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

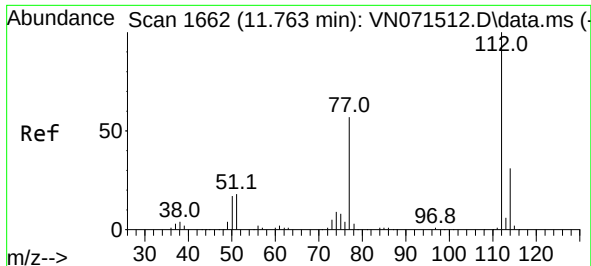
Tgt Ion: 91 Resp: 503143
Ion Ratio Lower Upper
91 100
92 57.9 44.6 67.0



#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 98 Resp: 582759
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

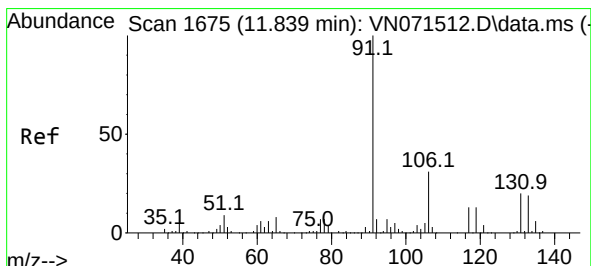
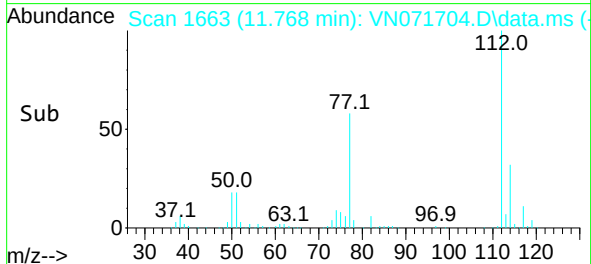
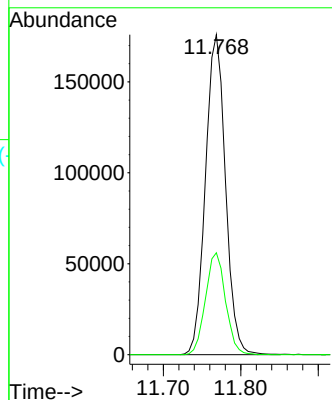
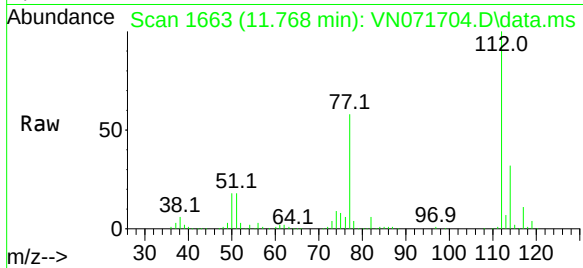




#64
Chlorobenzene
Concen: 19.743 ug/l
RT: 11.768 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

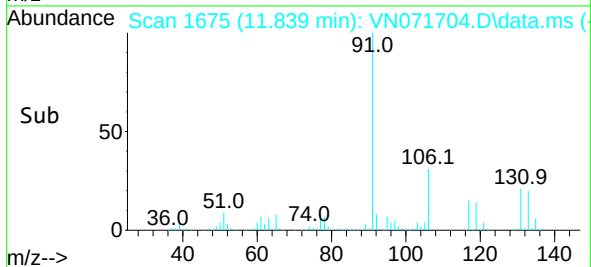
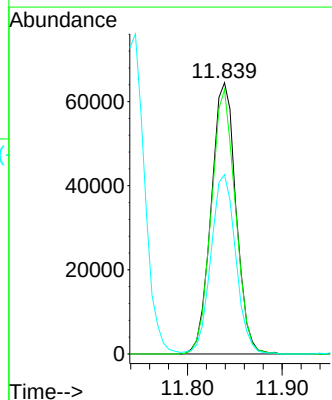
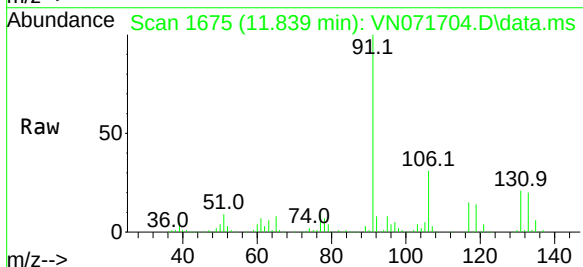
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

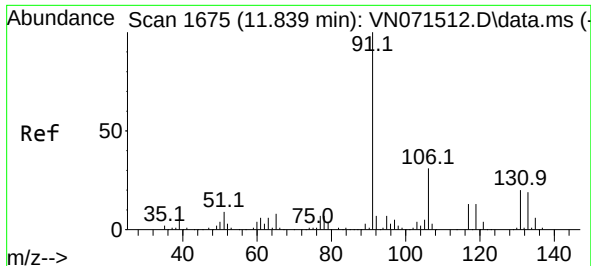
Tgt Ion:112 Resp: 315647
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 19.995 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:131 Resp: 117275
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 66.3 0.0 128.8

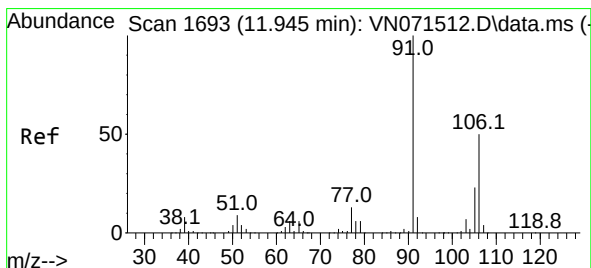
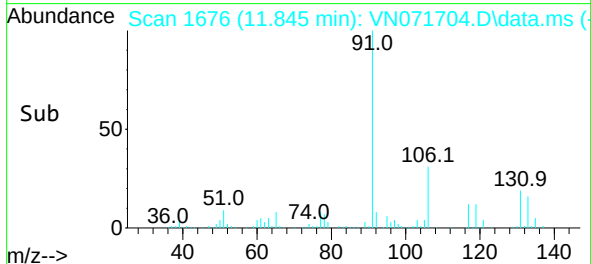
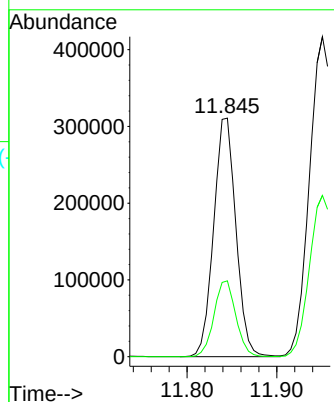
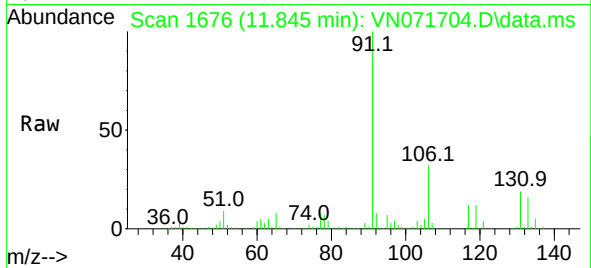




#66
Ethyl Benzene
Concen: 19.027 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

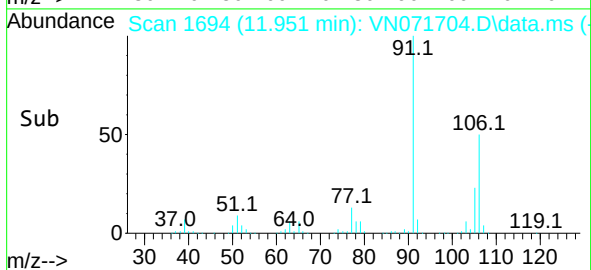
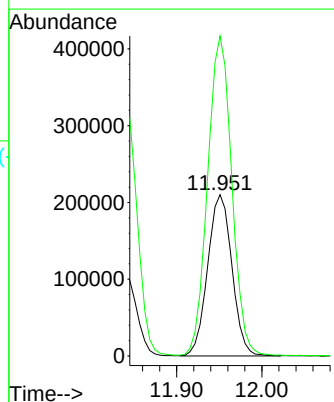
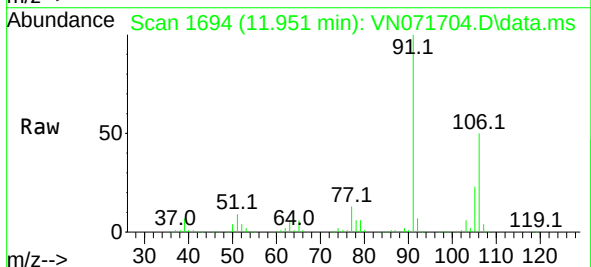
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

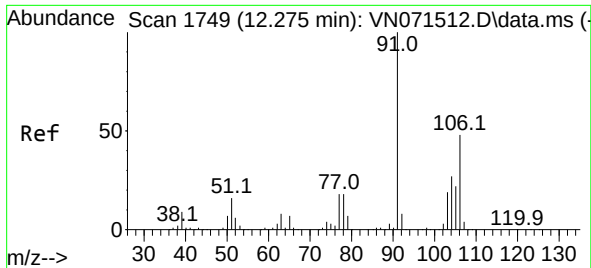
Tgt Ion: 91 Resp: 535932
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



#67
m/p-Xylenes
Concen: 37.923 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 106 Resp: 415554
Ion Ratio Lower Upper
106 100
91 197.1 162.9 244.3

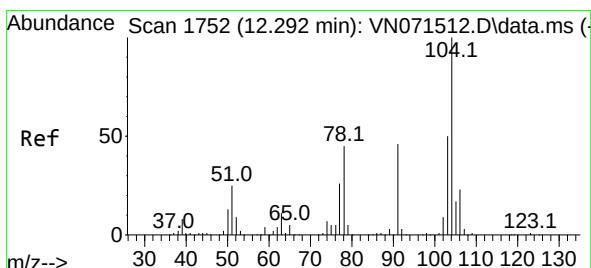
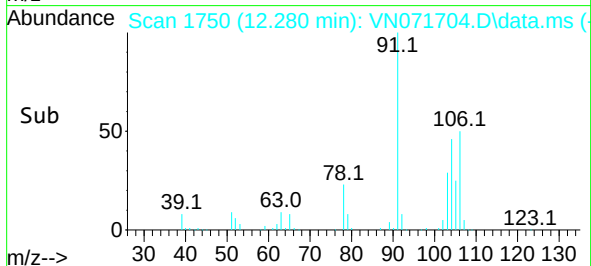
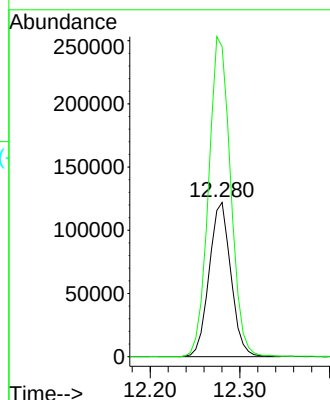
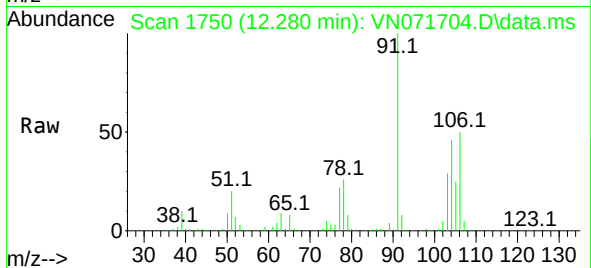




#68
o-Xylene
Concen: 18.842 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

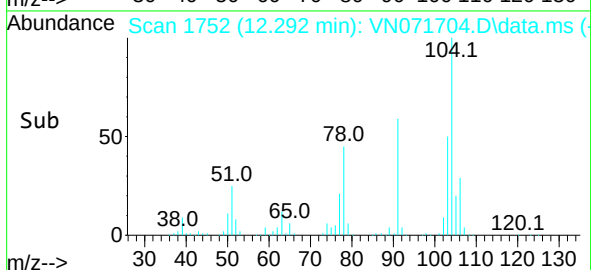
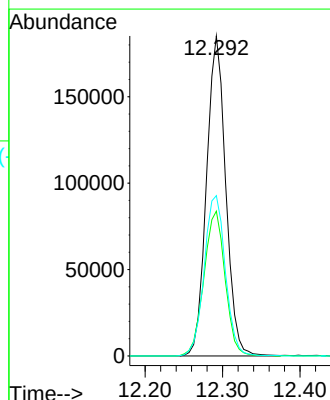
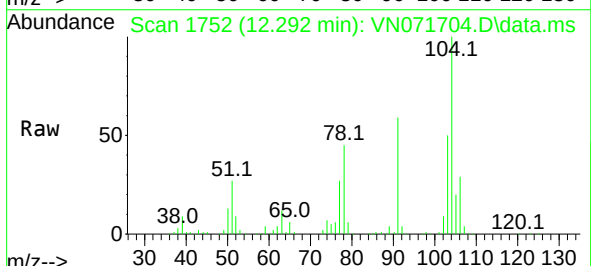
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

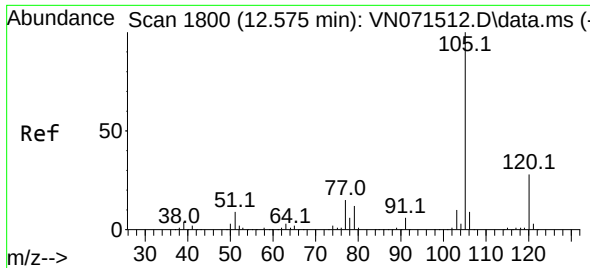
Tgt Ion:106 Resp: 205213
Ion Ratio Lower Upper
106 100
91 210.4 107.7 323.1



#69
Styrene
Concen: 18.629 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:104 Resp: 319314
Ion Ratio Lower Upper
104 100
78 49.7 40.7 61.1
103 55.2 45.8 68.8

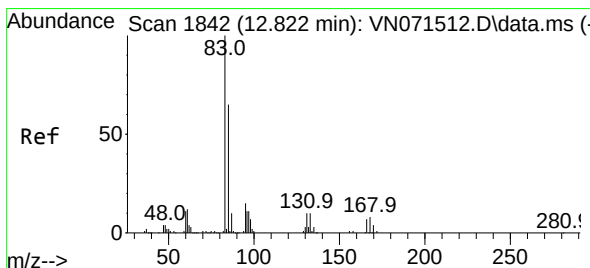
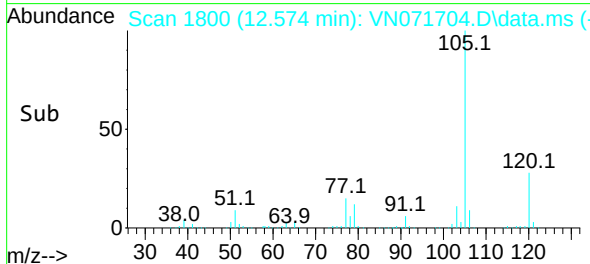
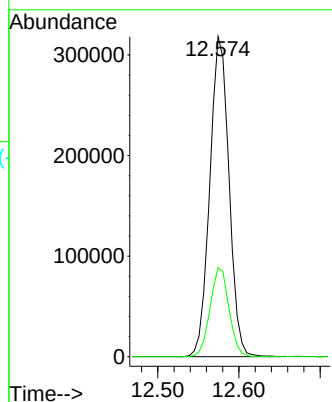
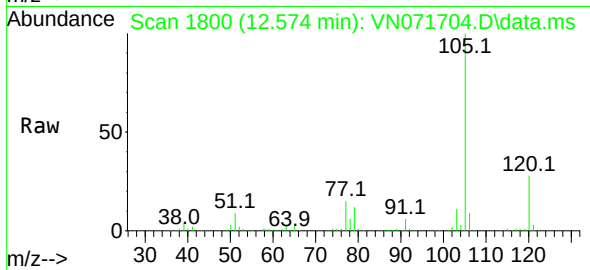




#70
Isopropylbenzene
Concen: 19.111 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

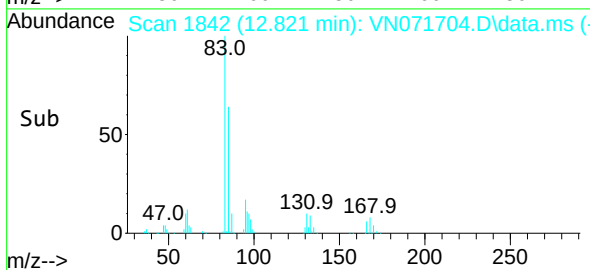
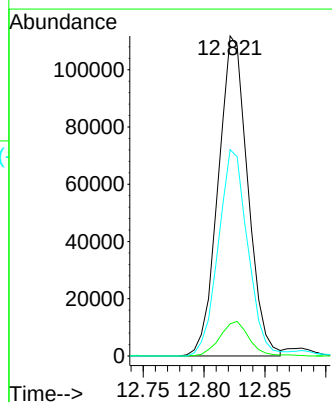
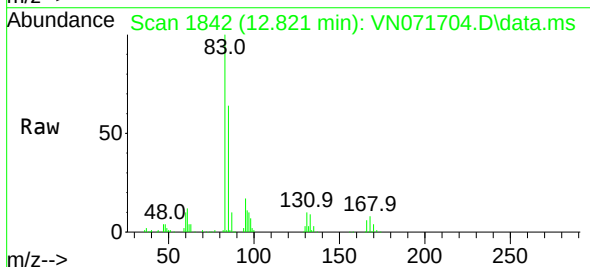
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

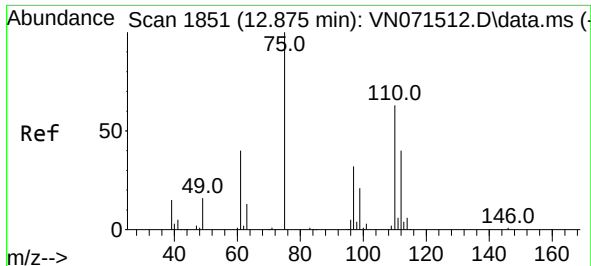
Tgt Ion:105 Resp: 522420
Ion Ratio Lower Upper
105 100
120 27.4 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 21.207 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 83 Resp: 188671
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.3 33.1 99.2

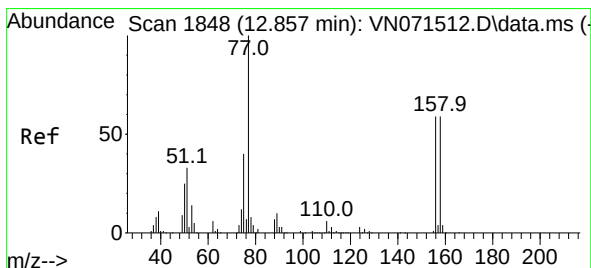
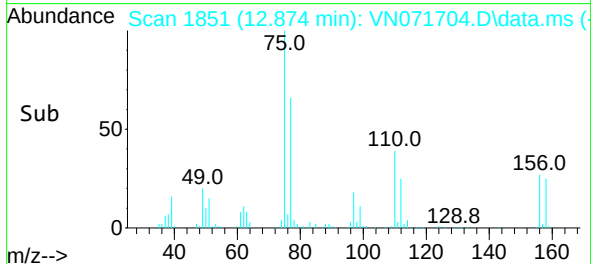
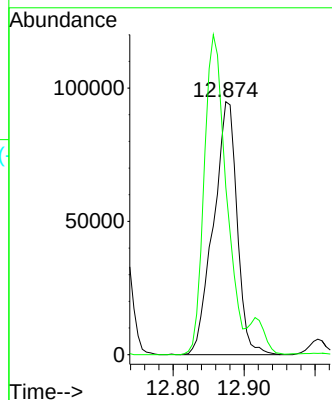
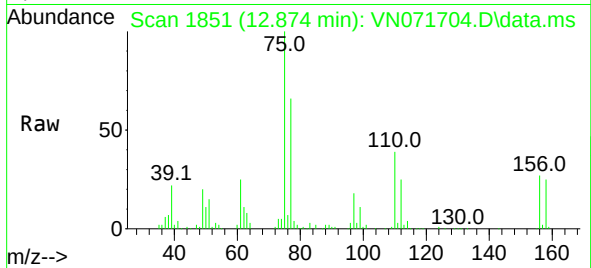




#72
1,2,3-Trichloropropane
Concen: 28.688 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

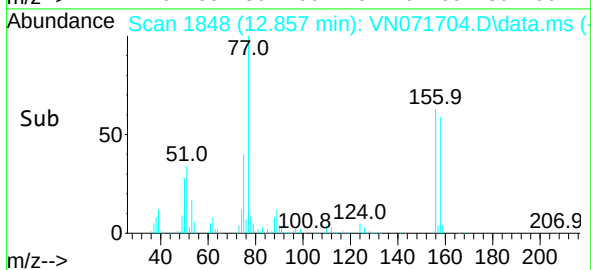
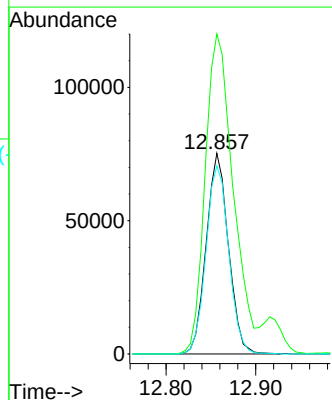
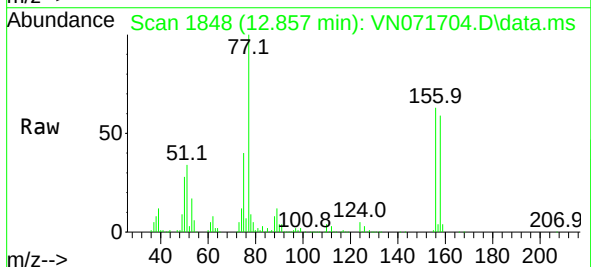
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

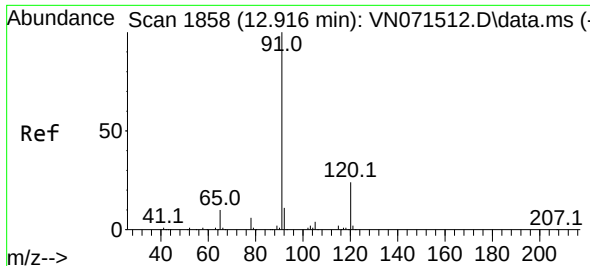
Tgt Ion: 75 Resp: 219270
Ion Ratio Lower Upper
75 100
77 117.4 0.0 378.0



#73
Bromobenzene
Concen: 19.410 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:156 Resp: 129434
Ion Ratio Lower Upper
156 100
77 199.0 0.0 416.0
158 95.9 0.0 195.4

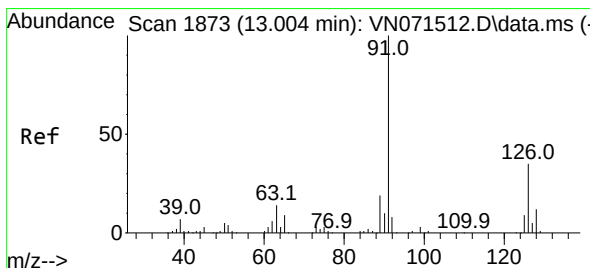
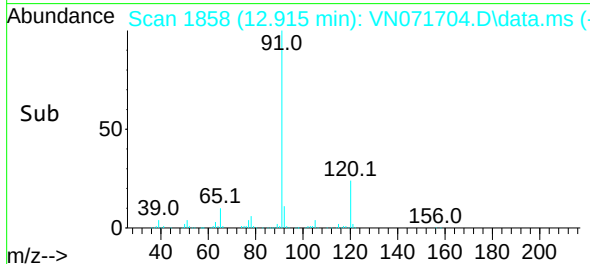
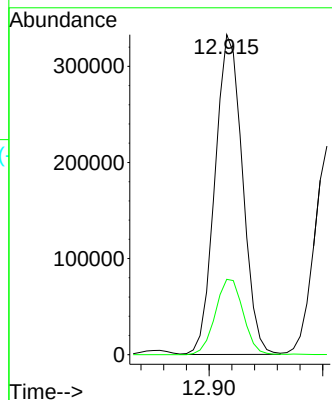
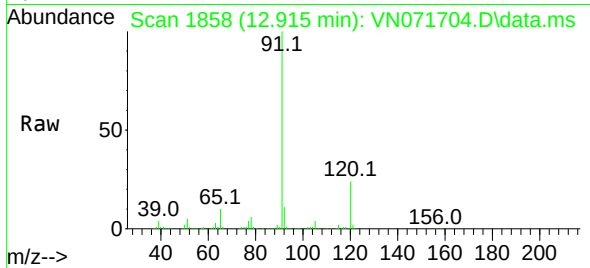




#74
n-propylbenzene
Concen: 18.766 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

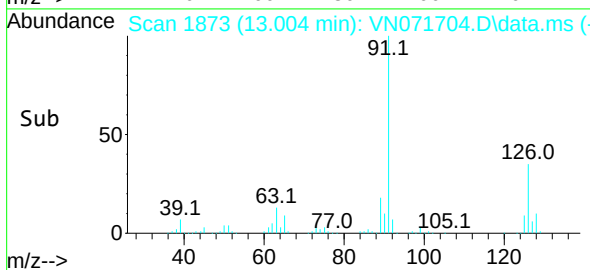
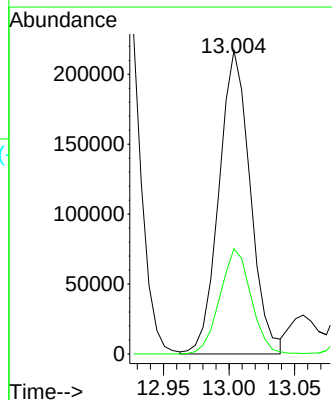
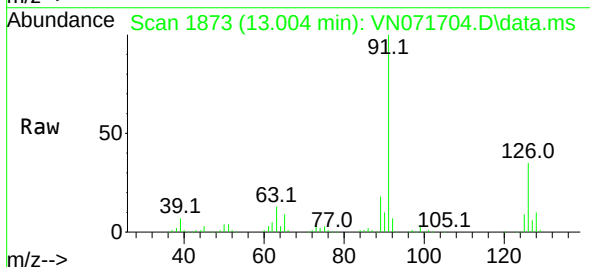
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

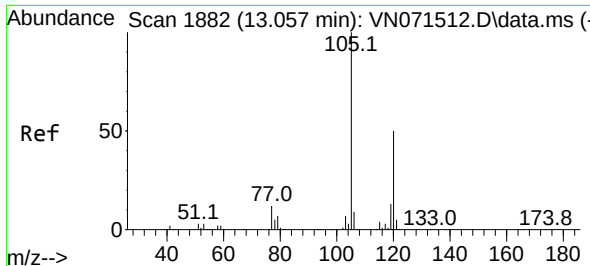
Tgt Ion: 91 Resp: 559862
Ion Ratio Lower Upper
91 100
120 23.8 0.0 45.0



#75
2-Chlorotoluene
Concen: 19.327 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 91 Resp: 360336
Ion Ratio Lower Upper
91 100
126 34.5 0.0 69.8

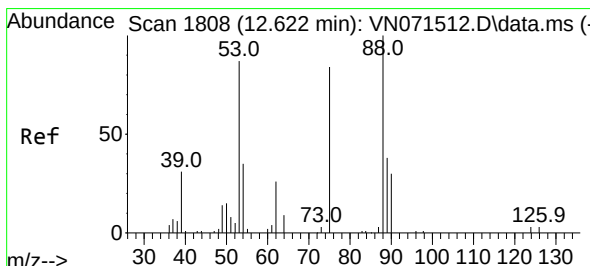
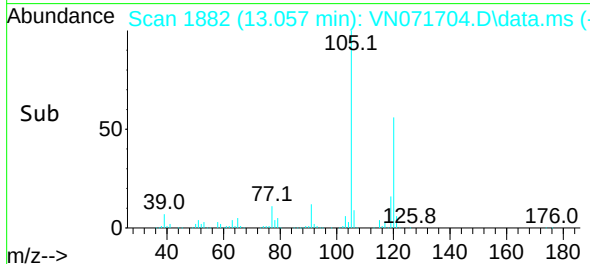
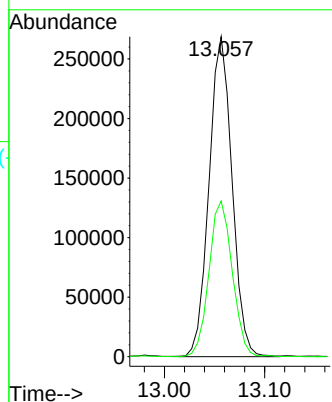
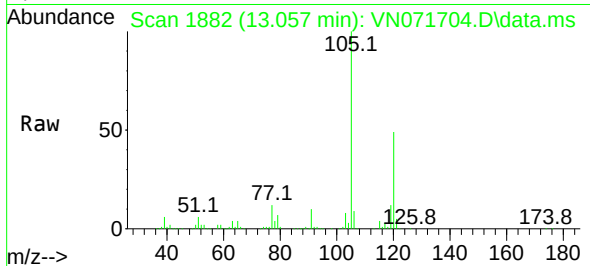




#76
1,3,5-Trimethylbenzene
Concen: 19.571 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

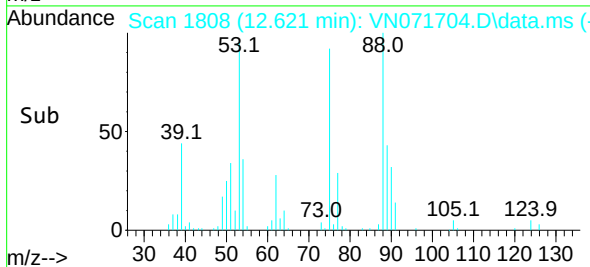
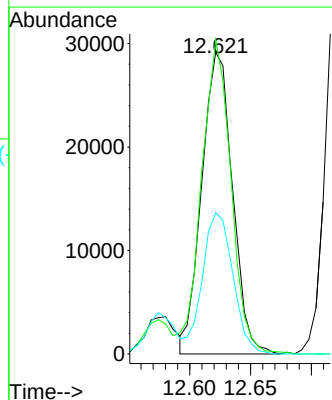
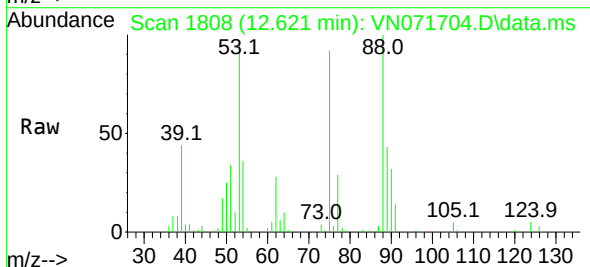
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

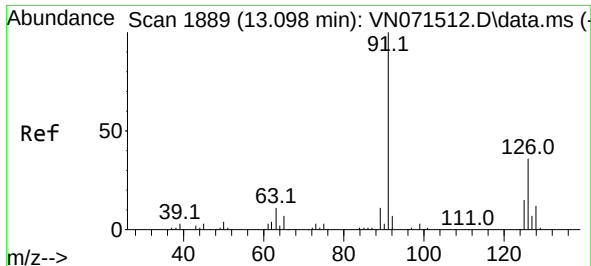
Tgt Ion:105 Resp: 429209
Ion Ratio Lower Upper
105 100
120 49.1 0.0 93.8



#77
t-1,4-Dichloro-2-butene
Concen: 19.055 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 75 Resp: 51137
Ion Ratio Lower Upper
75 100
53 103.5 51.8 155.5
89 46.8 22.9 68.7

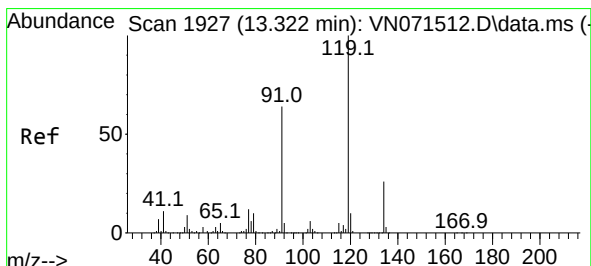
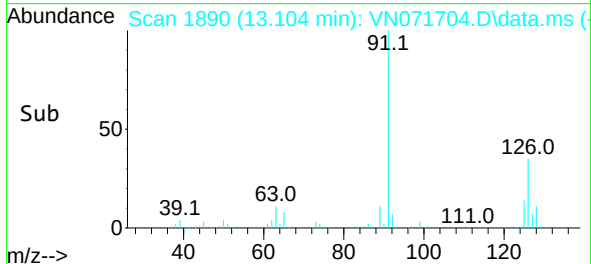
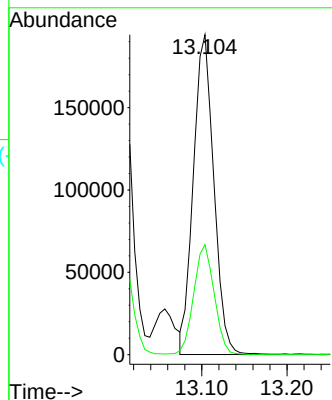
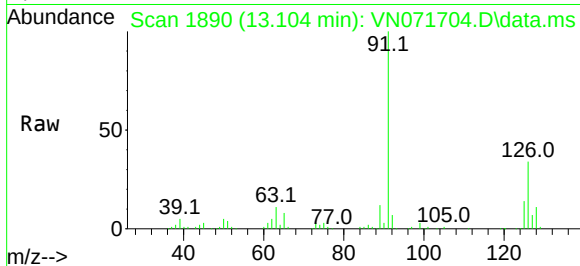




#78
4-Chlorotoluene
Concen: 18.572 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

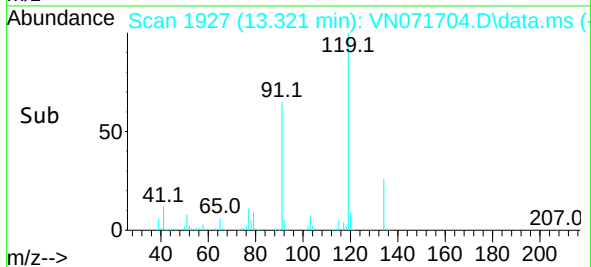
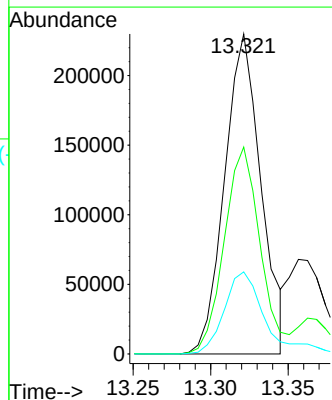
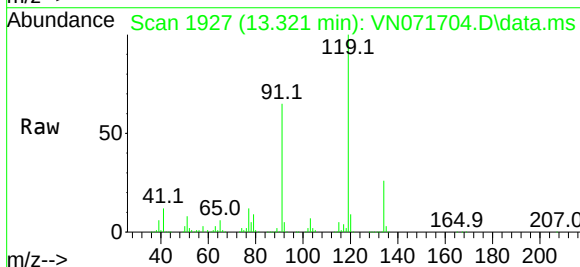
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

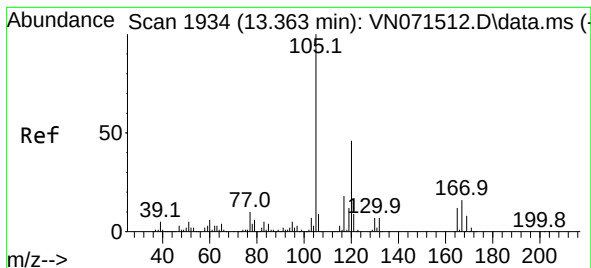
Tgt Ion: 91 Resp: 323385
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6



#79
tert-butylbenzene
Concen: 18.996 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 119 Resp: 375919
Ion Ratio Lower Upper
119 100
91 64.1 0.0 137.0
134 27.1 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 19.566 ug/l

RT: 13.368 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

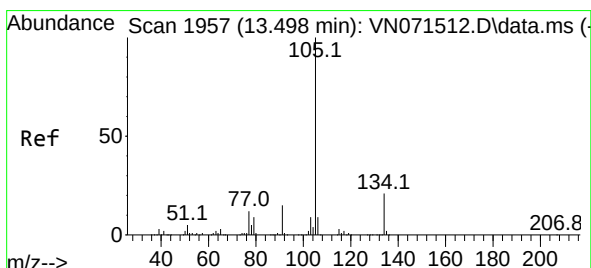
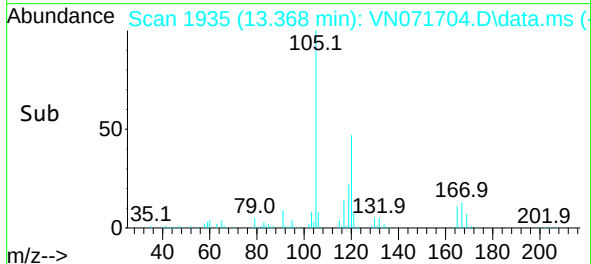
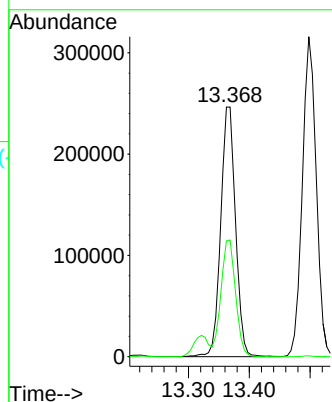
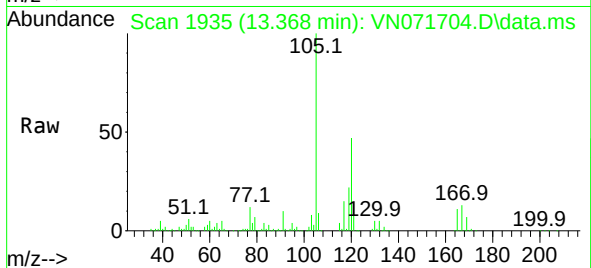
VN0331WBSD01

Tgt Ion:105 Resp: 416331

Ion Ratio Lower Upper

105 100

120 45.9 0.0 0.2#



#81

sec-Butylbenzene

Concen: 18.825 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071704.D

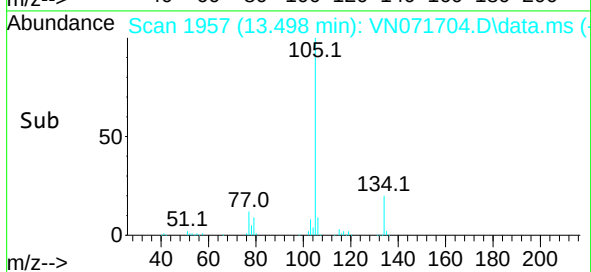
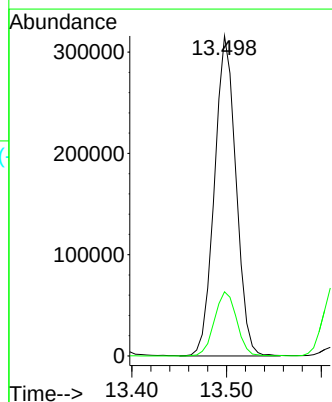
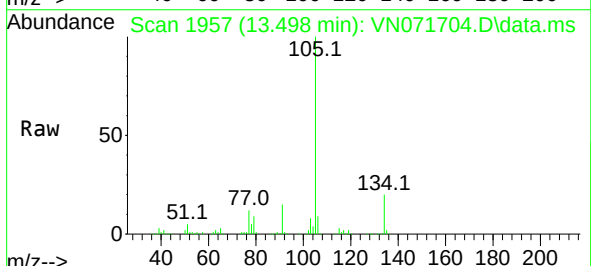
Acq: 31 Mar 2022 15:13

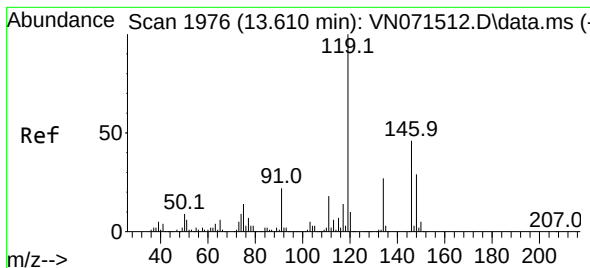
Tgt Ion:105 Resp: 500572

Ion Ratio Lower Upper

105 100

134 20.7 0.0 39.4

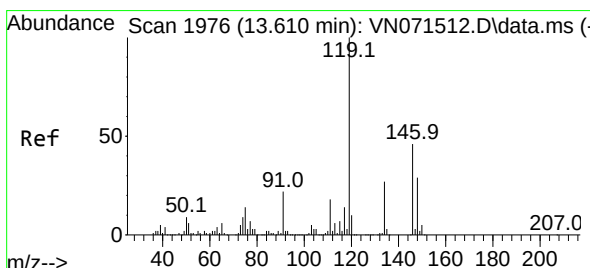
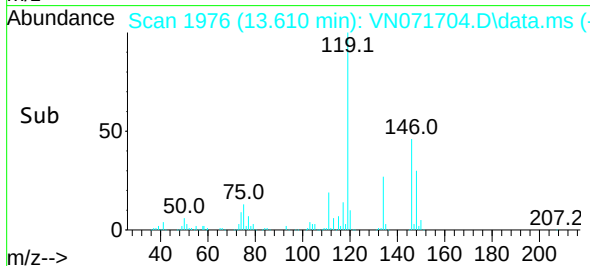
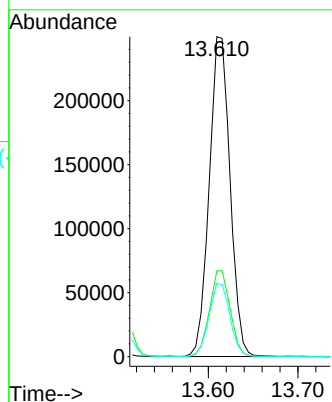
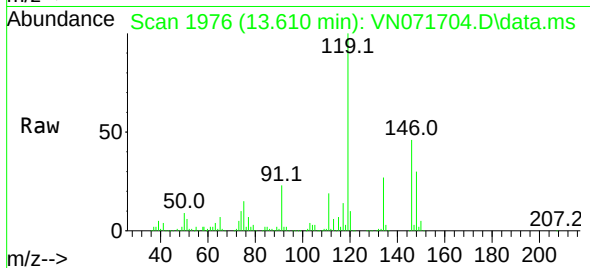




#82
p-Isopropyltoluene
Concen: 18.646 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

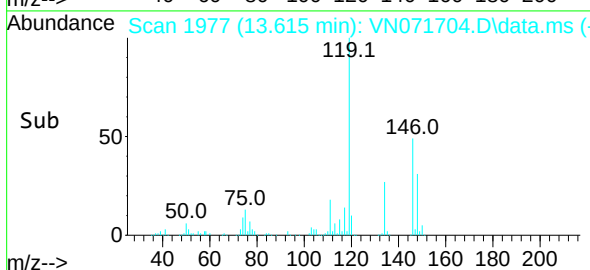
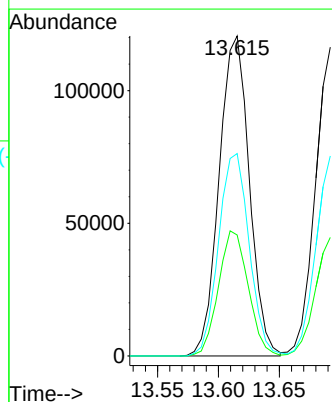
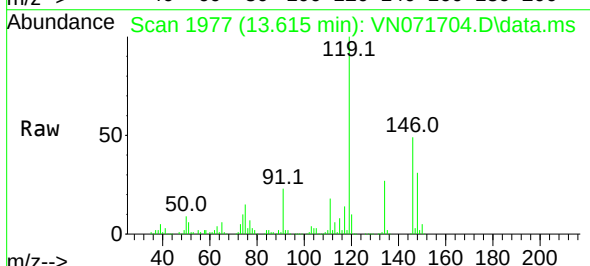
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

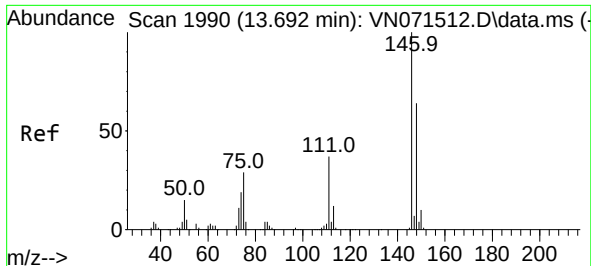
Tgt Ion:119 Resp: 402845
Ion Ratio Lower Upper
119 100
134 26.8 0.0 51.8
91 23.0 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 19.082 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:146 Resp: 208218
Ion Ratio Lower Upper
146 100
111 38.5 20.8 62.2
148 64.2 31.4 94.3

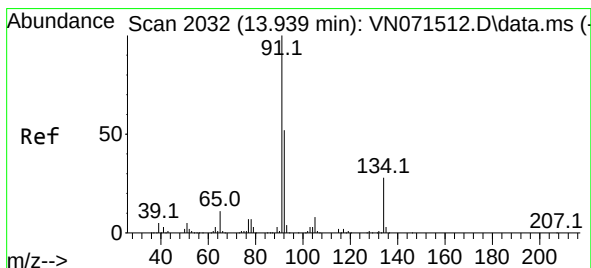
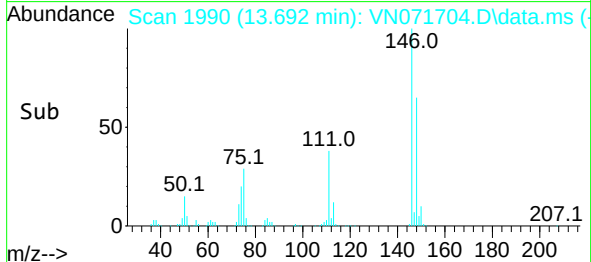
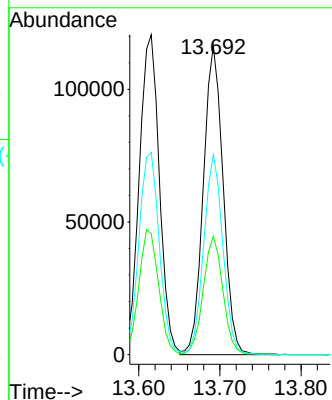
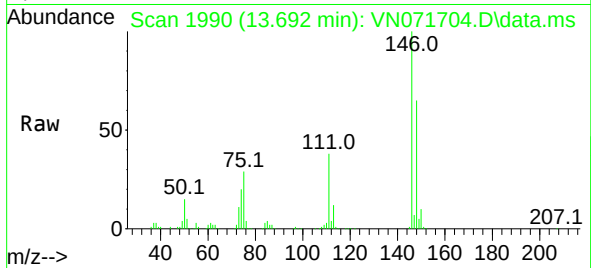




#84
1,4-Dichlorobenzene
Concen: 18.895 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

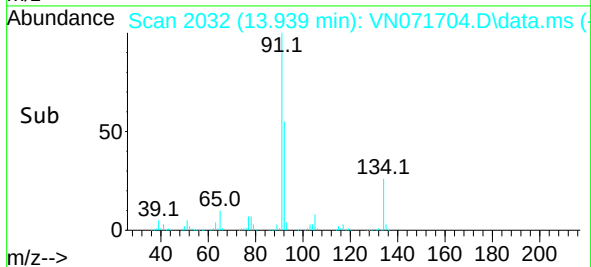
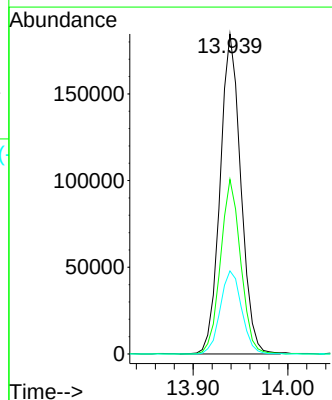
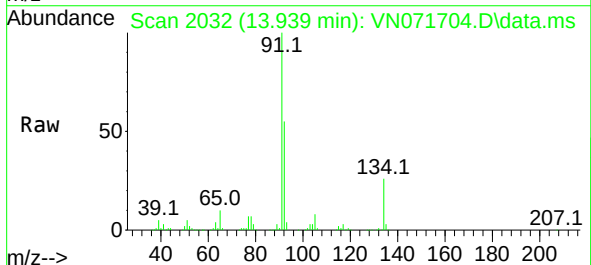
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

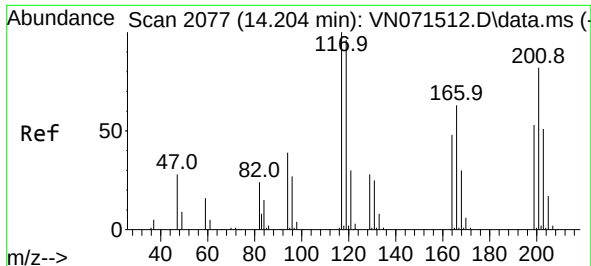
Tgt Ion:146 Resp: 196794
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 62.9 31.1 93.5



#85
n-Butylbenzene
Concen: 17.500 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion: 91 Resp: 280838
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 26.8 0.0 50.2

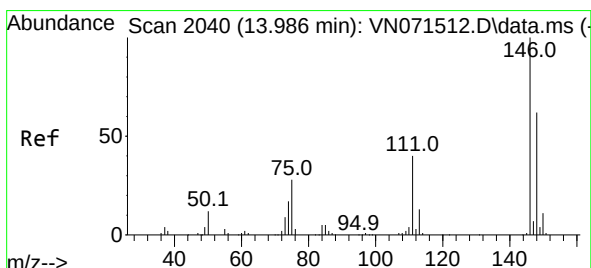
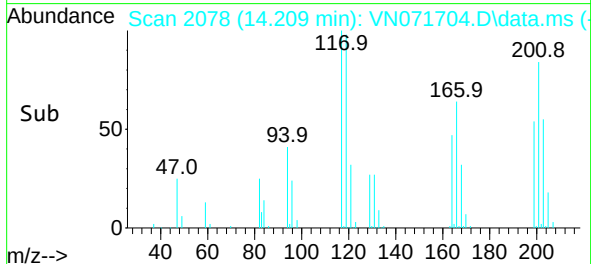
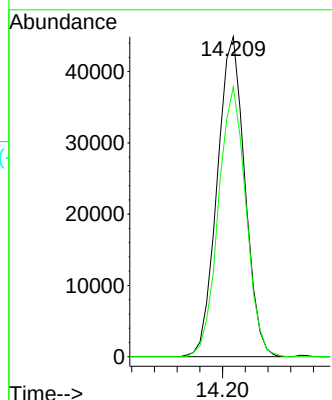
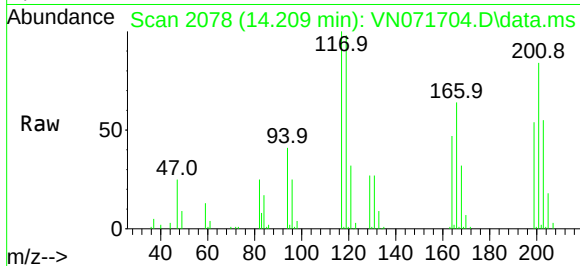




#86
Hexachloroethane
Concen: 18.803 ug/l
RT: 14.209 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

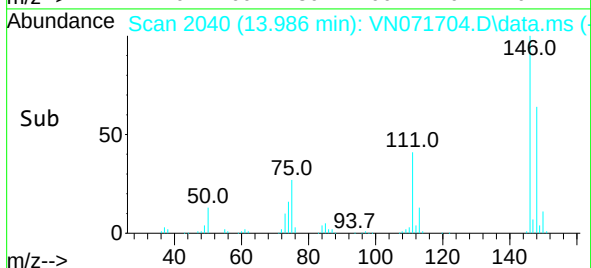
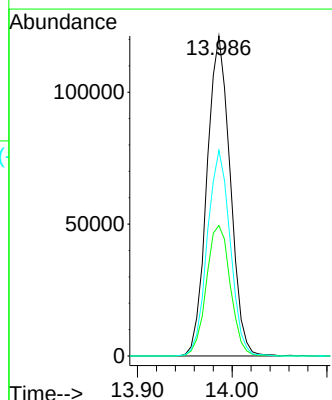
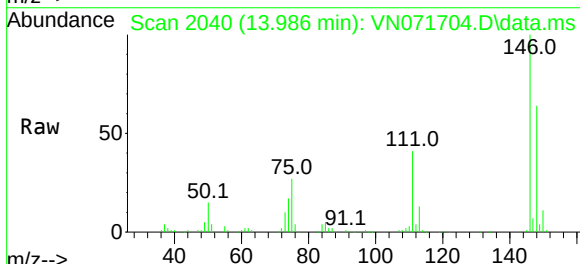
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

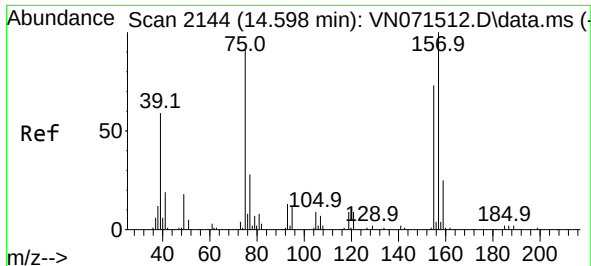
Tgt Ion:117 Resp: 75859
Ion Ratio Lower Upper
117 100
201 84.0 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 19.625 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071704.D
Acq: 31 Mar 2022 15:13

Tgt Ion:146 Resp: 207028
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 63.2 32.5 97.4

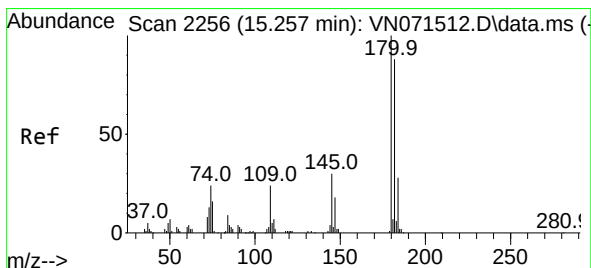
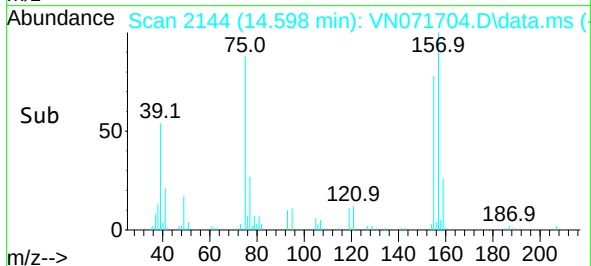
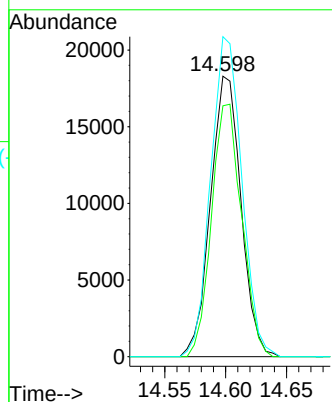
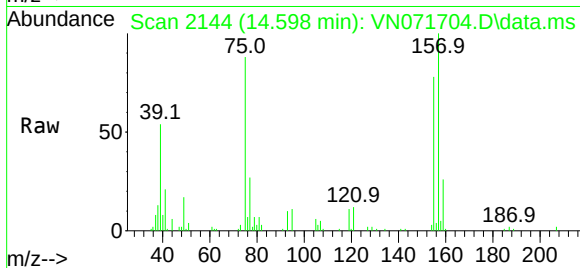




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.153 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

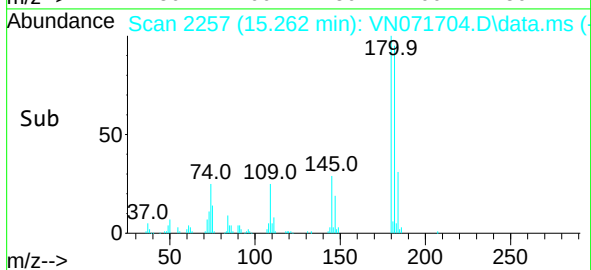
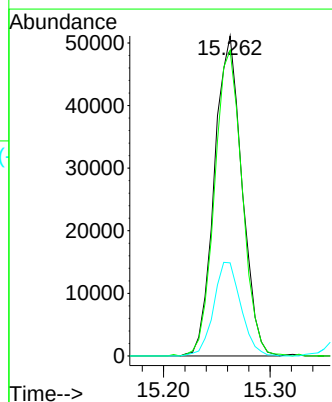
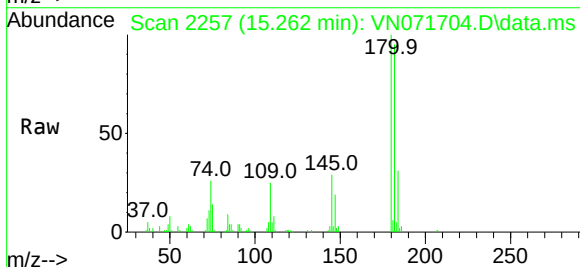
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

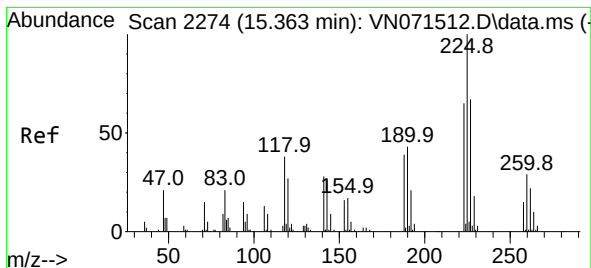
Tgt Ion: 75 Resp: 31901
 Ion Ratio Lower Upper
 75 100
 155 88.8 63.8 95.8
 157 116.3 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 18.835 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Tgt Ion: 180 Resp: 91847
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.7 116.5
 145 28.9 26.6 39.8





#90

Hexachlorobutadiene

Concen: 21.023 ug/l

RT: 15.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

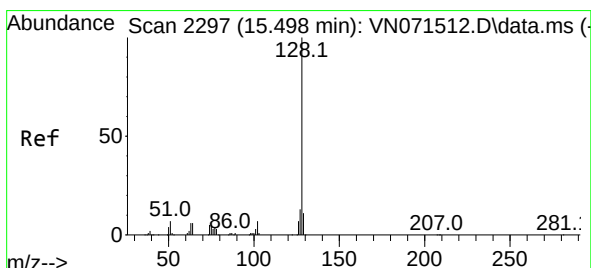
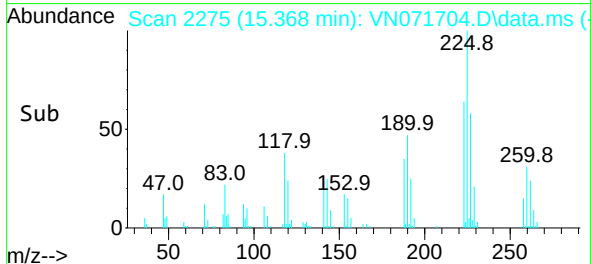
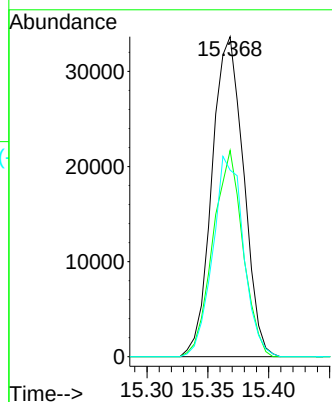
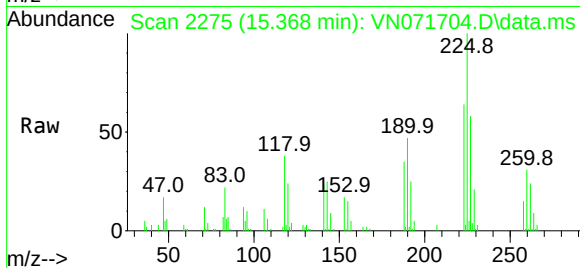
Tgt Ion:225 Resp: 60748

Ion Ratio Lower Upper

225 100

223 61.1 0.0 126.8

227 60.7 0.0 123.0



#91

Naphthalene

Concen: 20.175 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071704.D

Acq: 31 Mar 2022 15:13

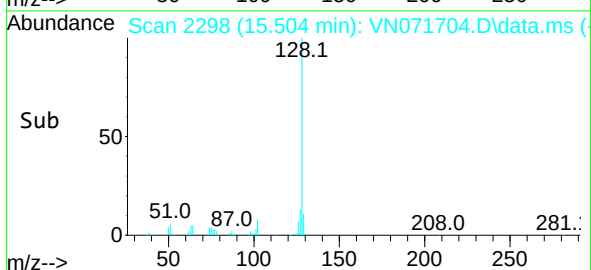
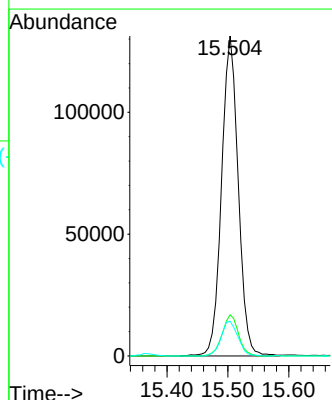
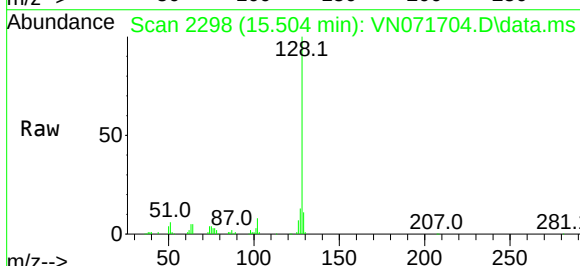
Tgt Ion:128 Resp: 249719

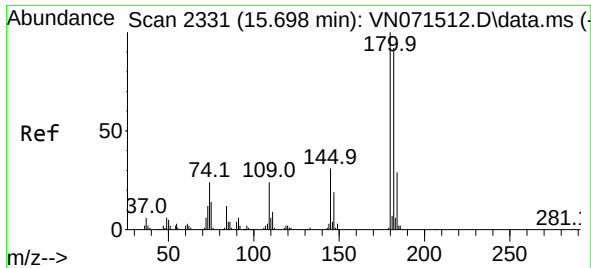
Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.0 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 19.558 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071704.D
 Acq: 31 Mar 2022 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Tgt Ion:	180	Resp:	93537
Ion Ratio	Lower	Upper	
180	100		
182	95.0	0.0	190.0
145	30.7	0.0	67.8

