

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072650.D
 Acq On : 31 May 2022 13:29
 Operator : JC\MD
 Sample : VN0531WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

Quant Time: Jun 01 02:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	23687	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	135513	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	120546	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	68827	30.366	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.233%
60) 4-Bromofluorobenzene	12.727	95	62074	29.321	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.733%
63) Toluene-d8	10.439	98	209910	30.625	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	34227	21.146	ug/l	98
3) Chloromethane	2.293	50	44028	20.285	ug/l	98
4) Vinyl Chloride	2.434	62	34805	19.180	ug/l	89
5) Bromomethane	2.840	94	15511	17.579	ug/l	99
6) Chloroethane	3.010	64	21611	19.036	ug/l	95
7) Trichlorofluoromethane	3.363	101	56249	21.631	ug/l	99
8) Diethyl Ether	3.816	74	24528	22.480	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.204	101	20279	13.960	ug/l #	15
10) 1,1-Dichloroethene	4.175	96	31205	21.876	ug/l	97
11) Methyl Iodide	4.416	142	27465	20.110	ug/l	96
12) Methyl Acetate	4.846	43	67874	24.246	ug/l	90
13) Acrolein	4.034	56	41110	128.230	ug/l	94
14) Acrylonitrile	5.551	53	142607	118.262	ug/l	98
15) Acetone	4.281	58	37358	120.347	ug/l	97
16) Carbon Disulfide	4.528	76	89325	22.831	ug/l	97
17) Allyl chloride	4.840	41	69544	23.466	ug/l	75
18) Methylene Chloride	5.093	84	41617	22.192	ug/l	95
19) trans-1,2-Dichloroethene	5.593	96	32373	20.749	ug/l	93
20) Diisopropyl ether	6.493	45	149195	21.957	ug/l #	87
21) 1,1-Dichloroethane	6.381	63	72388	20.929	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	42695	21.546	ug/l	96
23) tert-Butyl Alcohol	5.357	59	45186	111.639	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	121567	22.183	ug/l	95
25) Chloroform	7.816	83	71995	20.488	ug/l	98
26) Cyclohexane	8.092	56	65185	19.982	ug/l #	86
29) 1,1-Dichloropropene	8.222	75	51539	20.111	ug/l	98
30) 2-Butanone	7.328	43	208661	120.912	ug/l	93
31) 2,2-Dichloropropane	7.322	77	54972	21.179	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	59222	20.831	ug/l	98
33) Carbon Tetrachloride	8.204	117	52292	20.715	ug/l	93
34) Benzene	8.451	78	163120	20.248	ug/l #	95
35) Methacrylonitrile	7.634	41	38032	21.606	ug/l	88
36) 1,2-Dichloroethane	8.522	62	57312	21.893	ug/l #	88
37) Trichloroethene	9.216	130	37085	19.341	ug/l	92
38) Methylcyclohexane	9.457	83	61314	19.371	ug/l	92
39) 1,2-Dichloropropane	9.486	63	45644	21.246	ug/l	97
40) Dibromomethane	9.569	93	28266	20.749	ug/l	97
41) Bromodichloromethane	9.757	83	58232	21.325	ug/l	97
42) Vinyl Acetate	6.428	43	638870	113.429	ug/l	98

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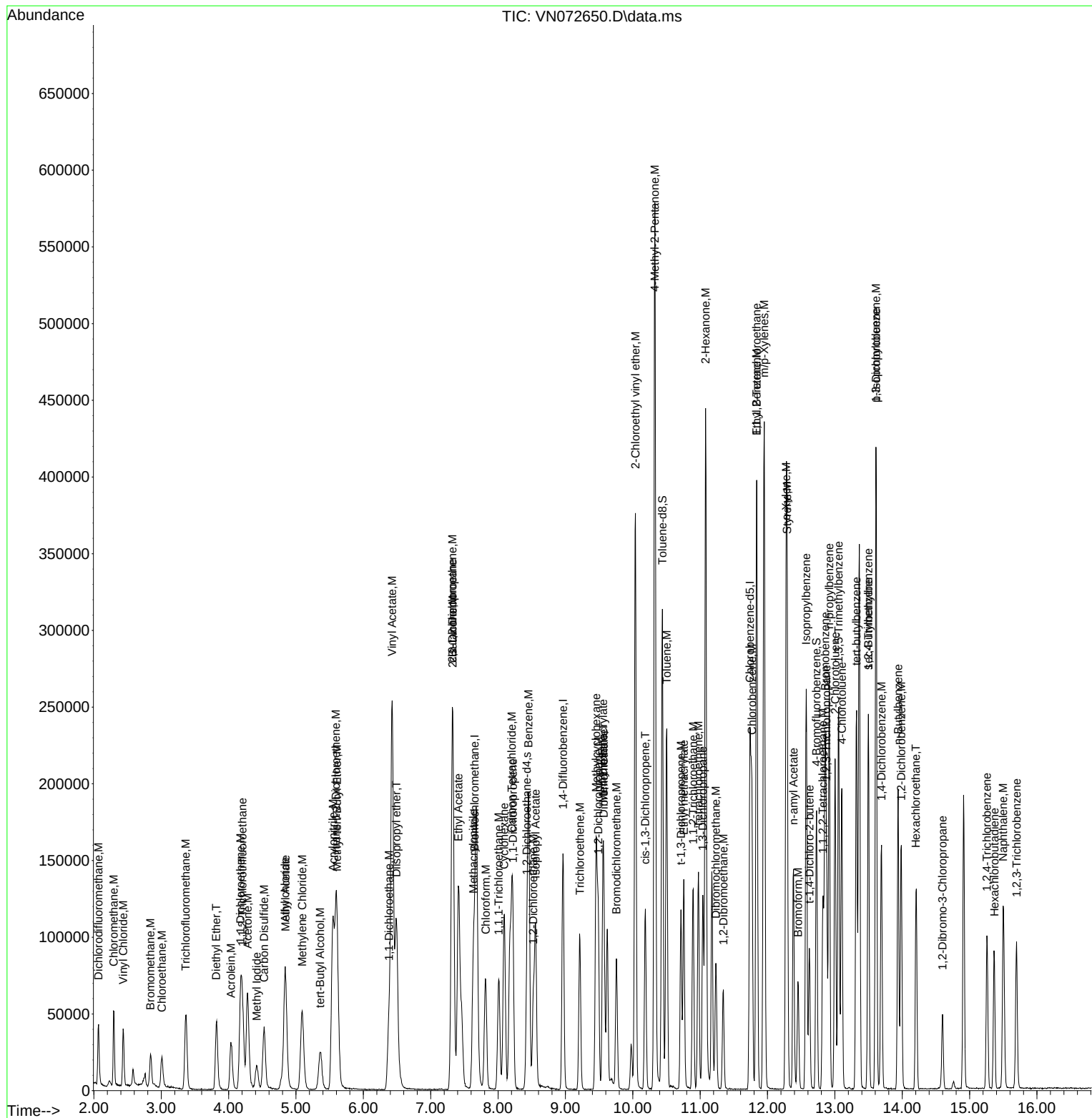
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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44) Isopropyl Acetate	8.557	43	117002	22.691	ug/l	98
45) 1,4-Dioxane	9.563	88	20505	474.298	ug/l #	86
46) Methyl methacrylate	9.557	41	55641	22.903	ug/l	81
47) n-amyl Acetate	12.386	43	84096	22.385	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	64750	21.952	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	70333	21.641	ug/l	95
50) 1,1,2-Trichloroethane	10.898	97	44040	21.991	ug/l	98
51) Ethyl methacrylate	10.757	69	71000	21.026	ug/l	89
52) 1,3-Dichloropropane	11.039	76	74791	21.179	ug/l	99
53) Dibromochloromethane	11.233	129	42708	20.743	ug/l	100
54) 1,2-Dibromoethane	11.345	107	45330	22.044	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	168959	114.390	ug/l	96
56) Bromoform	12.451	173	31820	21.408	ug/l #	100
58) 4-Methyl-2-Pentanone	10.328	43	415550	119.344	ug/l	97
59) 2-Hexanone	11.080	43	304860	122.767	ug/l	99
61) Tetrachloroethene	10.975	164	32077	20.106	ug/l	94
62) Toluene	10.504	91	175084	20.689	ug/l	98
64) Chlorobenzene	11.769	112	102577	20.860	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	38612	19.940	ug/l	97
66) Ethyl Benzene	11.839	91	184191	19.731	ug/l	96
67) m/p-Xylenes	11.951	106	138304	40.762	ug/l	98
68) o-Xylene	12.275	106	71865	21.289	ug/l	99
69) Styrene	12.292	104	115237	21.546	ug/l	98
70) Isopropylbenzene	12.575	105	174014	20.176	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.822	83	68017	22.971	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	81978	32.810	ug/l	47
73) Bromobenzene	12.857	156	37019	19.539	ug/l	83
74) n-propylbenzene	12.916	91	208530	21.383	ug/l	99
75) 2-Chlorotoluene	13.004	91	124156	20.990	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	140367	20.623	ug/l	98
77) t-1,4-Dichloro-2-butene	12.622	75	20597	21.095	ug/l	97
78) 4-Chlorotoluene	13.104	91	119385	22.169	ug/l	97
79) tert-butylbenzene	13.322	119	121332	20.371	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	169462	25.798	ug/l	100
81) sec-Butylbenzene	13.498	105	169462	19.666	ug/l	99
82) p-Isopropyltoluene	13.610	119	143765	21.522	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	70347	21.393	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	68478	21.436	ug/l	99
85) n-Butylbenzene	13.939	91	106311	19.367	ug/l	97
86) Hexachloroethane	14.204	117	29998	22.548	ug/l	98
87) 1,2-Dichlorobenzene	13.986	146	66973	20.621	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	13206	22.957	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	33451	20.875	ug/l	95
90) Hexachlorobutadiene	15.368	225	16763	20.859	ug/l	97
91) Naphthalene	15.498	128	115688	20.573	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	32302	19.745	ug/l	98

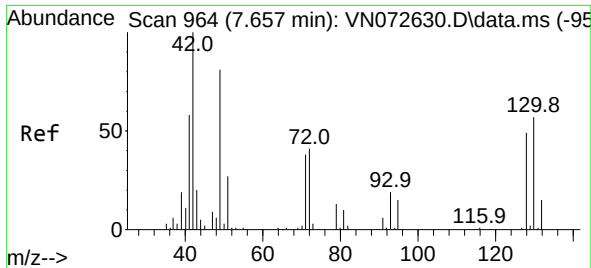
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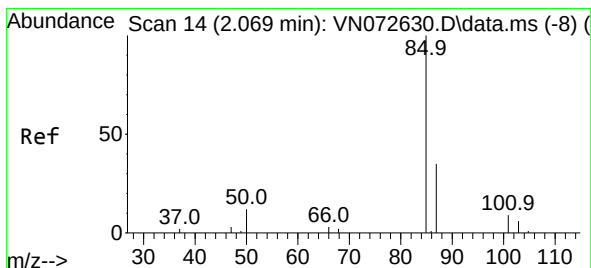
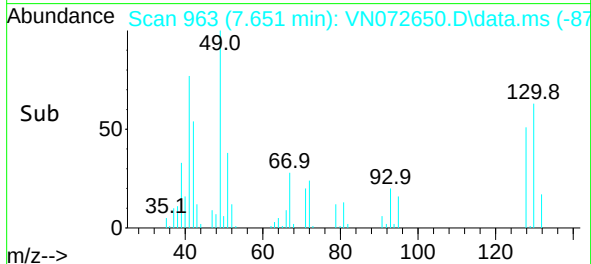
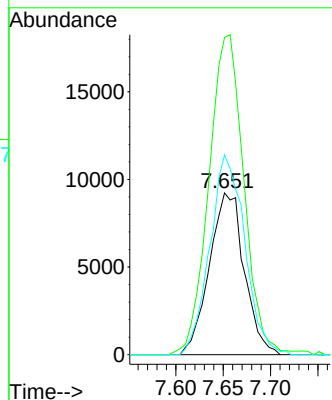
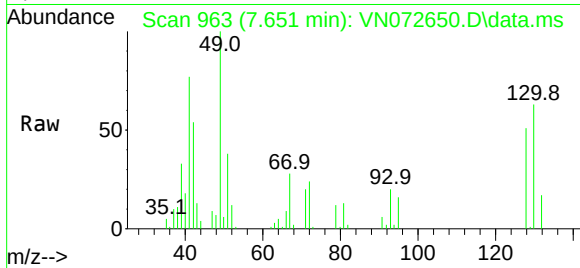




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072650.D
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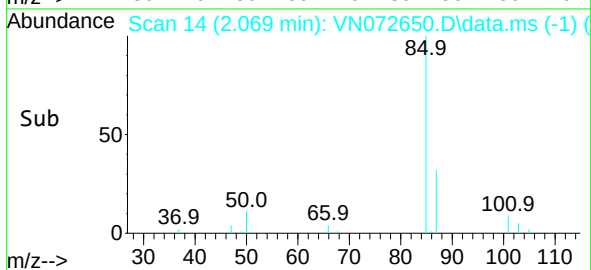
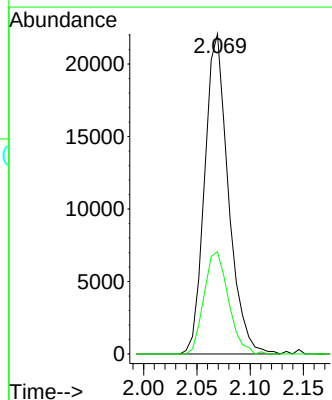
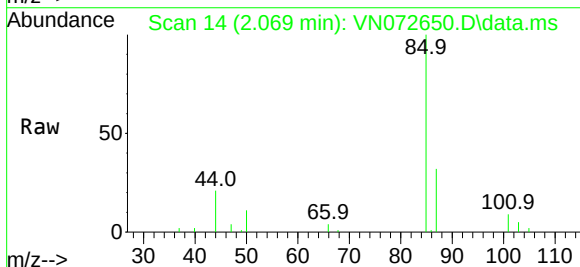
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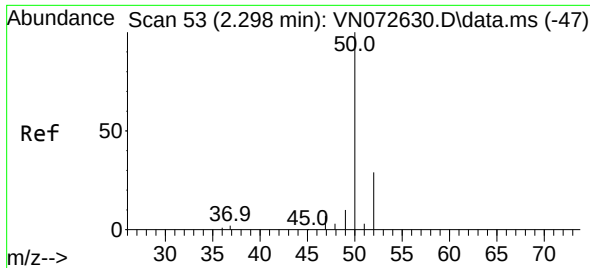
Tgt Ion:128 Resp: 23687
Ion Ratio Lower Upper
128 100
49 197.7 0.0 392.3
130 123.6 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 21.146 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 85 Resp: 34227
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.7

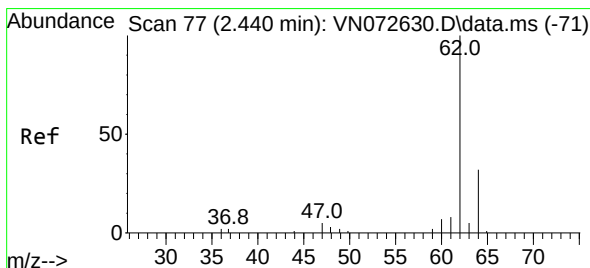
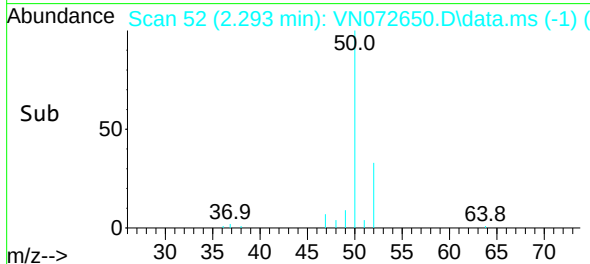
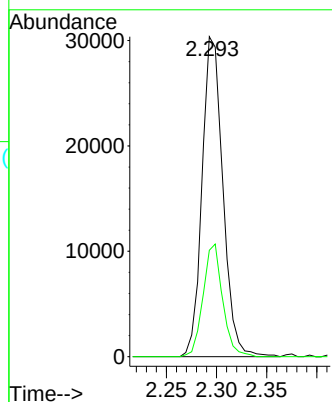
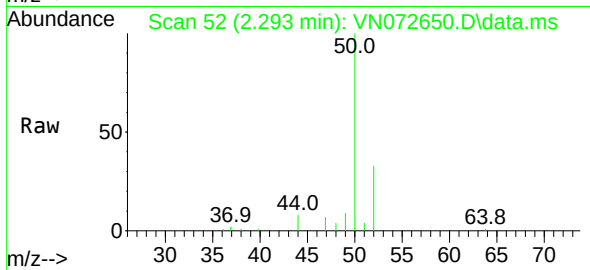




#3
Chloromethane
Concen: 20.285 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

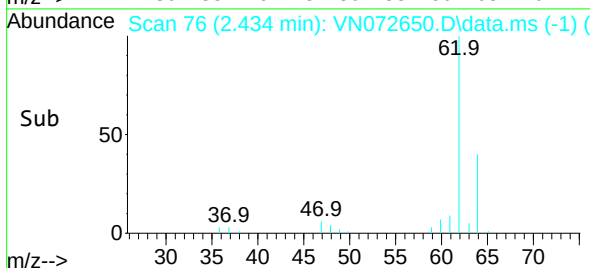
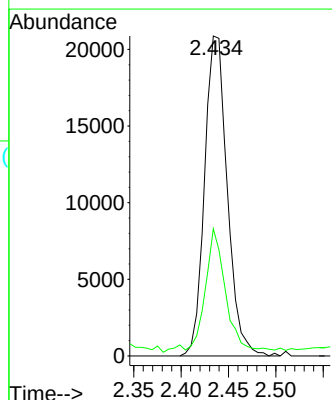
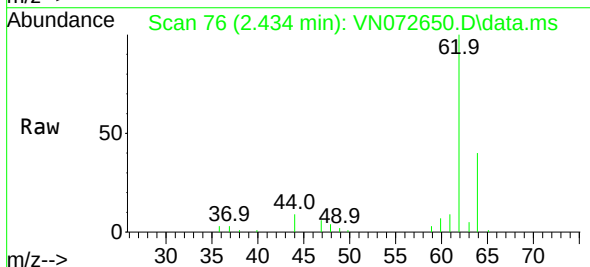
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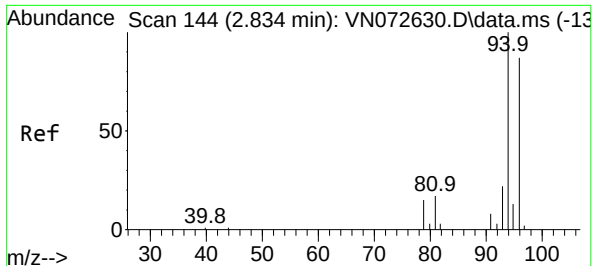
Tgt Ion: 50 Resp: 44028
Ion Ratio Lower Upper
50 100
52 33.3 27.8 41.6



#4
Vinyl Chloride
Concen: 19.180 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 62 Resp: 34805
Ion Ratio Lower Upper
62 100
64 37.3 25.1 37.7





#5

Bromomethane

Concen: 17.579 ug/l

RT: 2.840 min Scan# 144

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

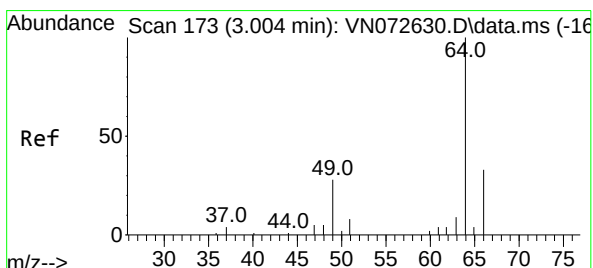
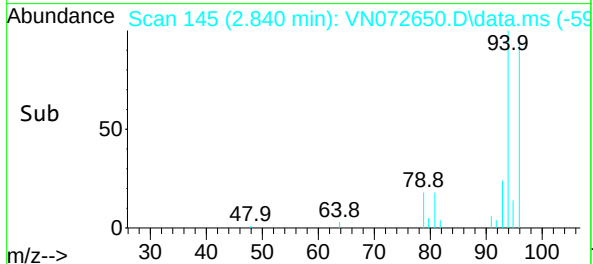
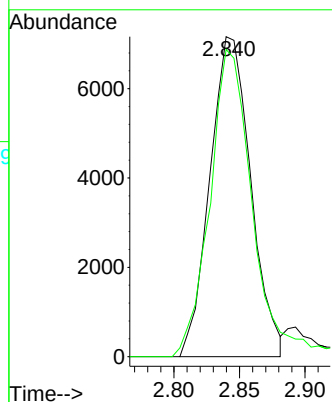
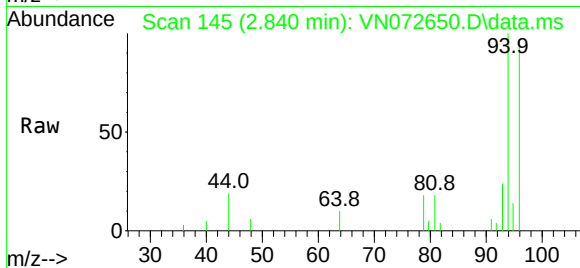
VN0531WBSD01

Tgt Ion: 94 Resp: 15511

Ion Ratio Lower Upper

94 100

96 93.3 75.2 112.8



#6

Chloroethane

Concen: 19.036 ug/l

RT: 3.010 min Scan# 174

Delta R.T. 0.006 min

Lab File: VN072650.D

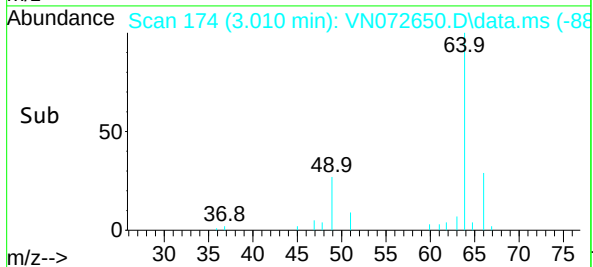
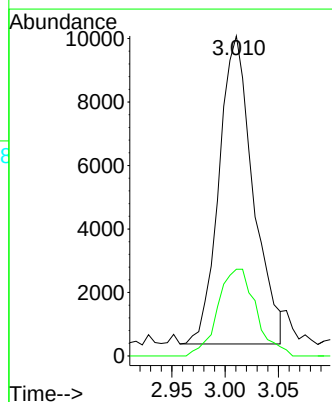
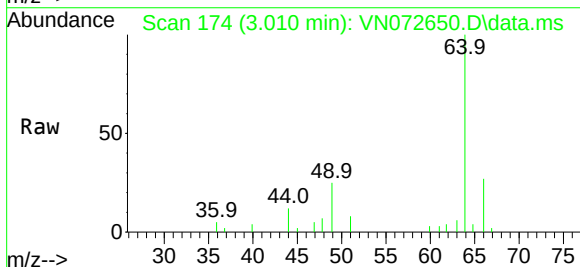
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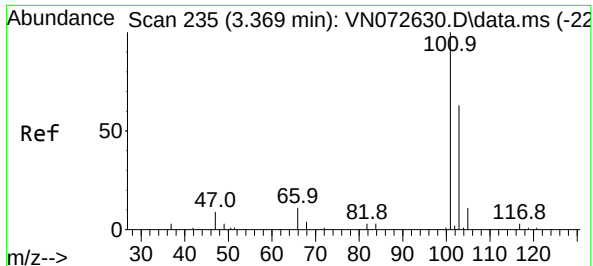
Tgt Ion: 64 Resp: 21611

Ion Ratio Lower Upper

64 100

66 28.2 24.6 36.8

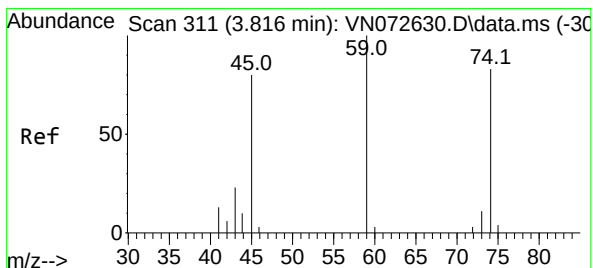
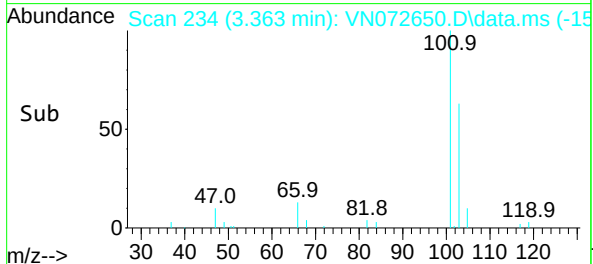
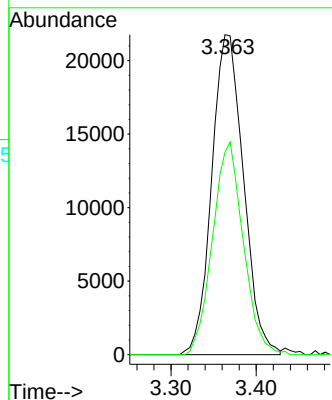
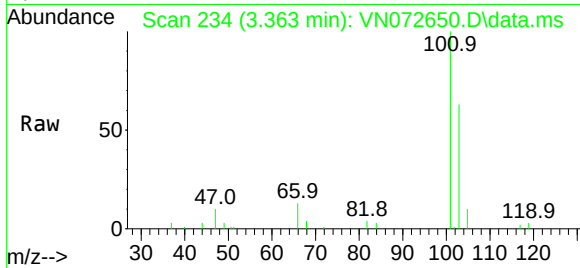




#7
 Trichlorofluoromethane
 Concen: 21.631 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072650.D
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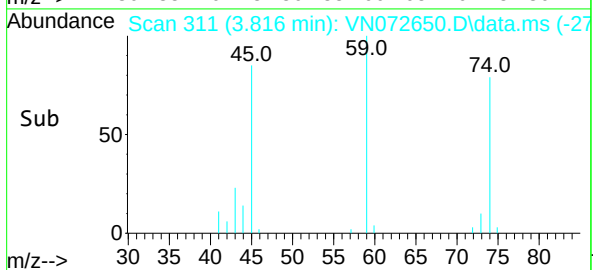
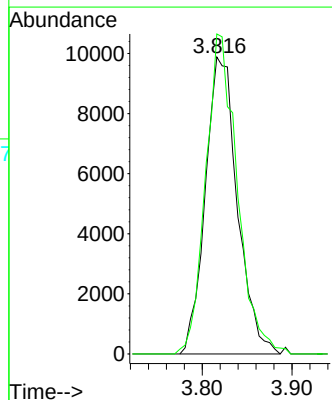
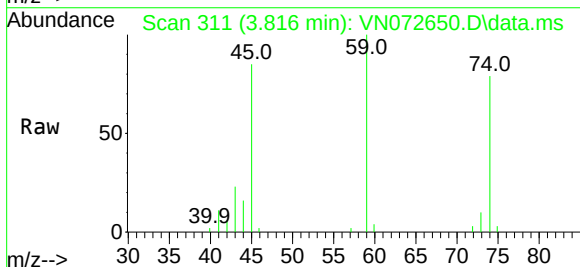
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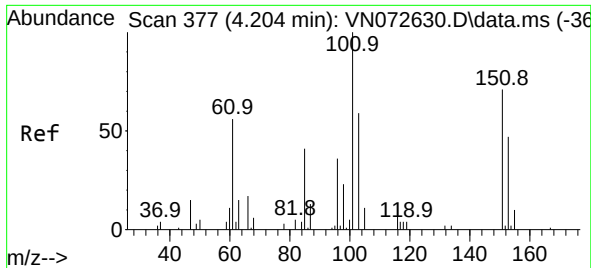
Tgt Ion:101 Resp: 56249
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 22.480 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

Tgt Ion: 74 Resp: 24528
 Ion Ratio Lower Upper
 74 100
 45 105.7 17.6 158.8

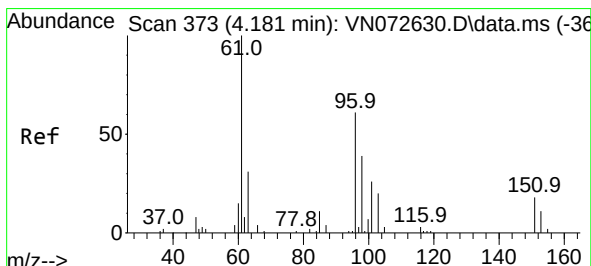
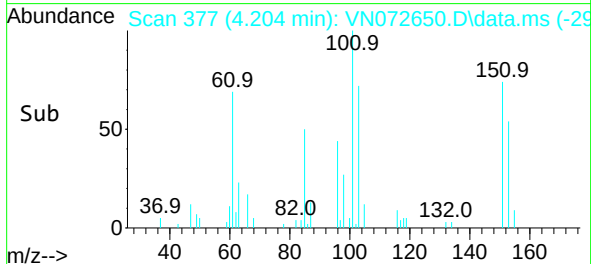
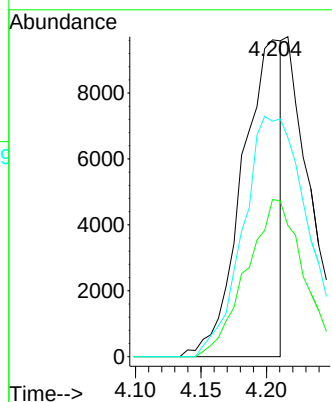
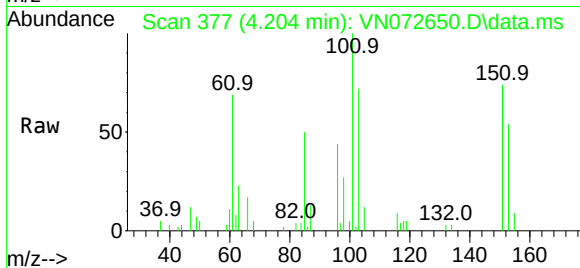




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.960 ug/l
 RT: 4.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

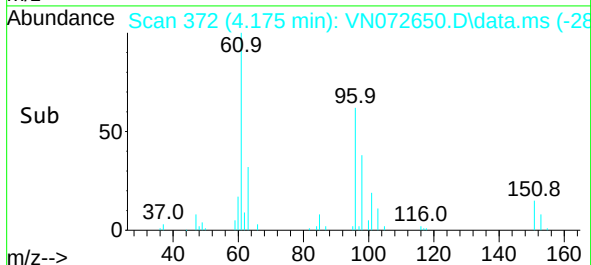
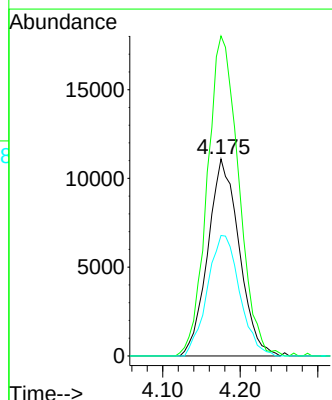
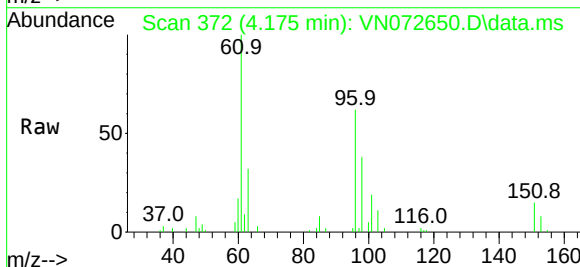
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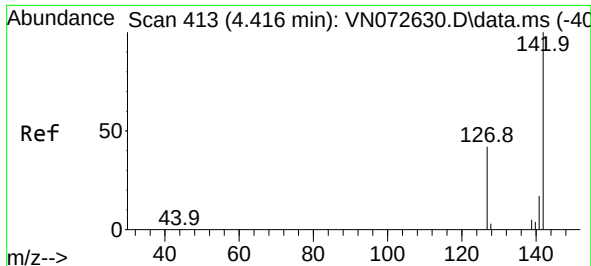
Tgt Ion:101 Resp: 20279
 Ion Ratio Lower Upper
 101 100
 85 72.7 0.0 94.0
 151 123.6 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 21.876 ug/l
 RT: 4.175 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

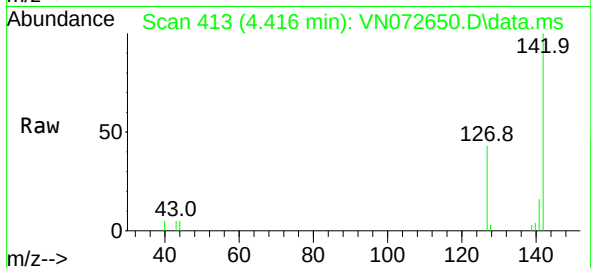
Tgt Ion: 96 Resp: 31205
 Ion Ratio Lower Upper
 96 100
 61 161.1 126.2 189.4
 98 61.2 50.9 76.3



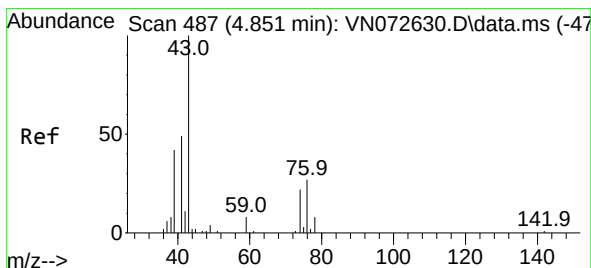
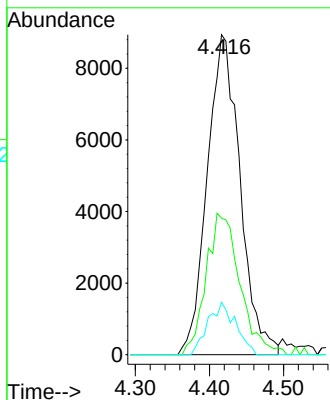
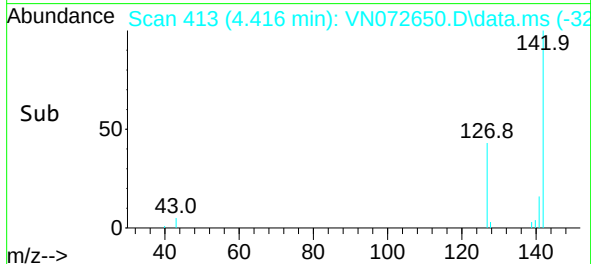


#11
Methyl Iodide
Concen: 20.110 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

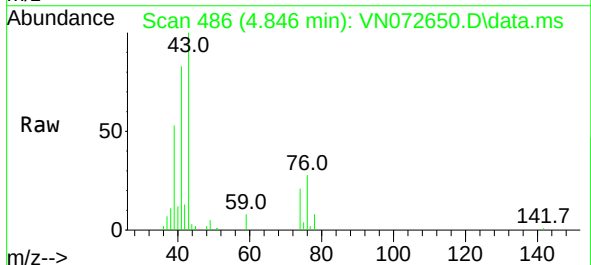
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01



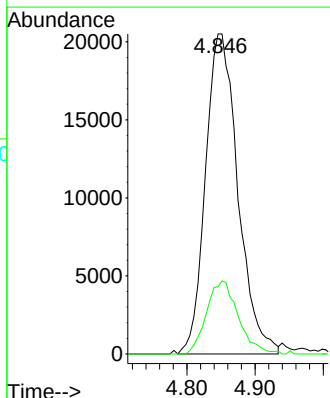
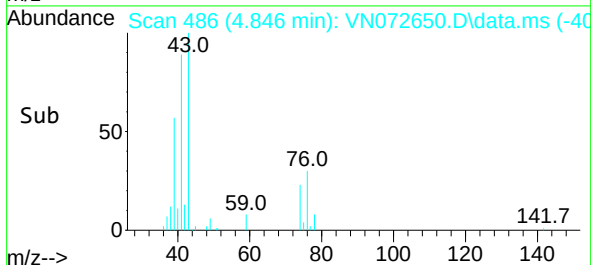
Tgt Ion:142 Resp: 27465
Ion Ratio Lower Upper
142 100
127 45.2 24.0 72.0
141 15.1 8.4 25.2

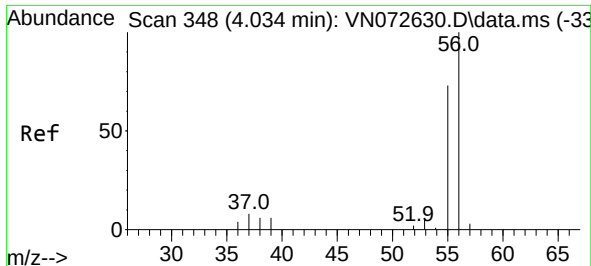


#12
Methyl Acetate
Concen: 24.246 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29



Tgt Ion: 43 Resp: 67874
Ion Ratio Lower Upper
43 100
74 20.8 20.8 31.2





#13

Acrolein

Concen: 128.230 ug/l

RT: 4.034 min Scan# 348

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

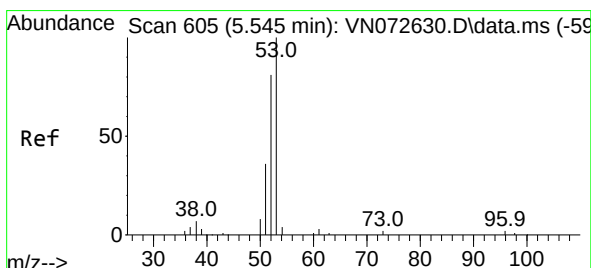
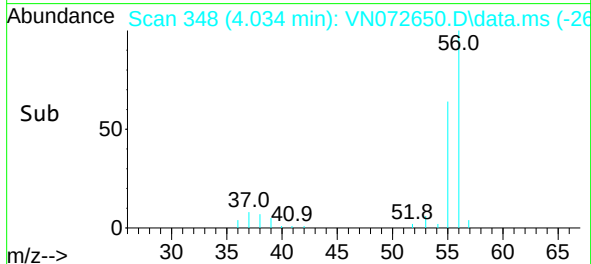
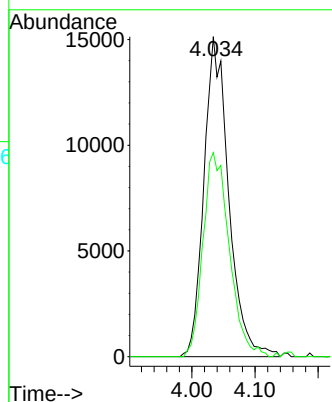
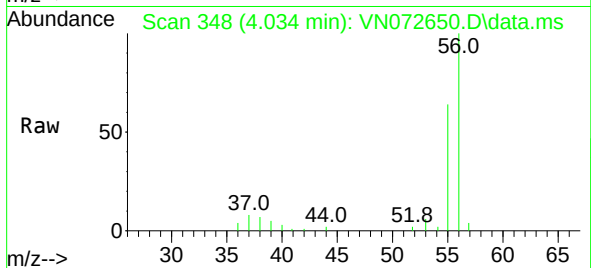
VN0531WBSD01

Tgt Ion: 56 Resp: 41110

Ion Ratio Lower Upper

56 100

55 67.0 57.6 86.4



#14

Acrylonitrile

Concen: 118.262 ug/l

RT: 5.551 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

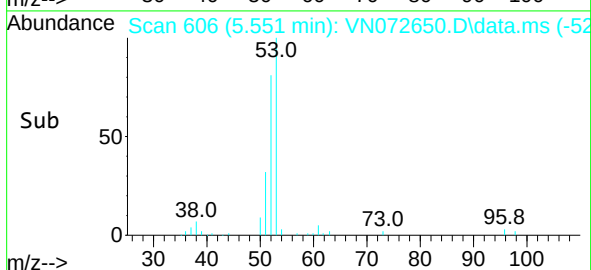
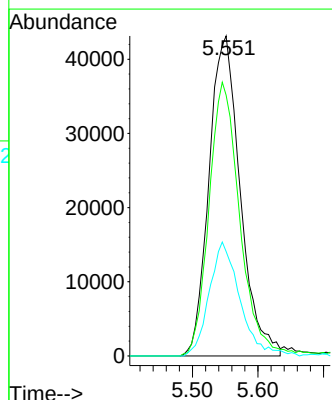
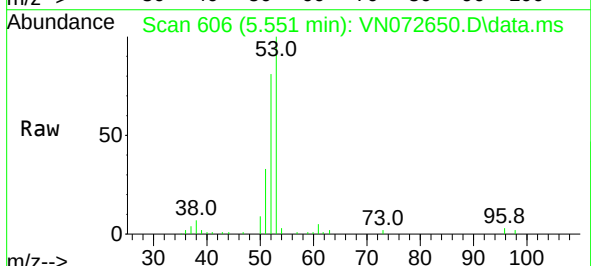
Tgt Ion: 53 Resp: 142607

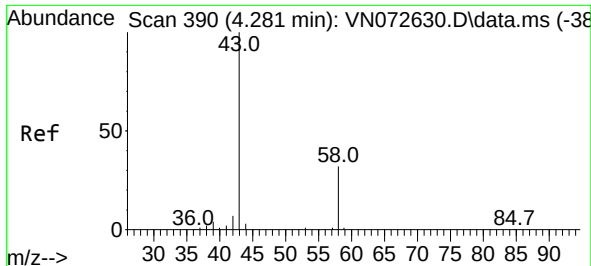
Ion Ratio Lower Upper

53 100

52 84.0 41.8 125.4

51 33.8 19.0 57.0





#15

Acetone

Concen: 120.347 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

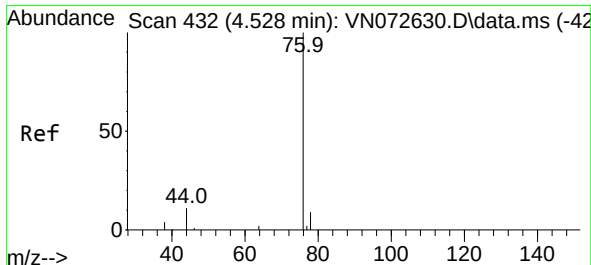
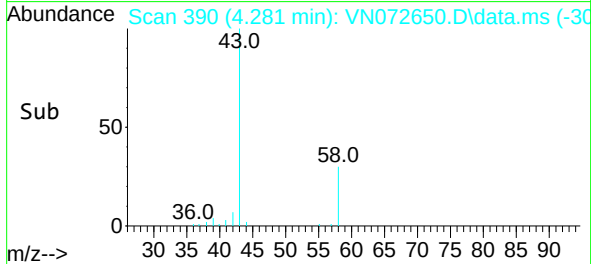
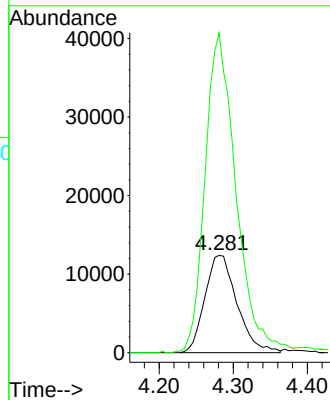
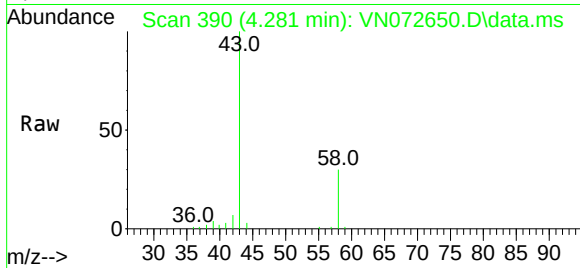
VN0531WBSD01

Tgt Ion: 58 Resp: 37358

Ion Ratio Lower Upper

58 100

43 327.0 256.6 384.8



#16

Carbon Disulfide

Concen: 22.831 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.000 min

Lab File: VN072650.D

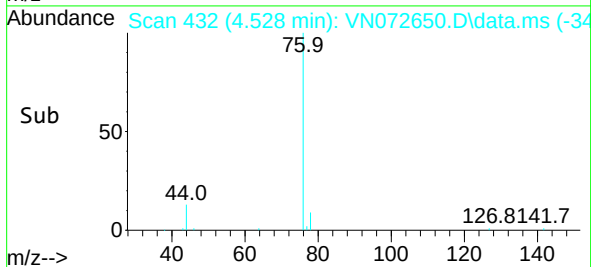
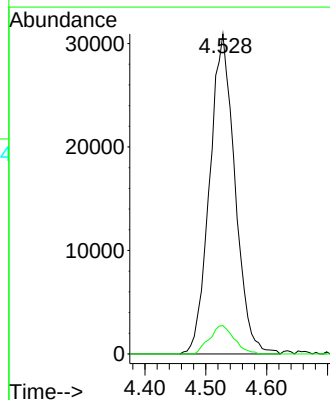
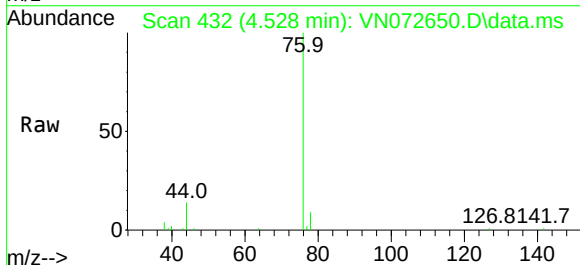
Acq: 31 May 2022 13:29

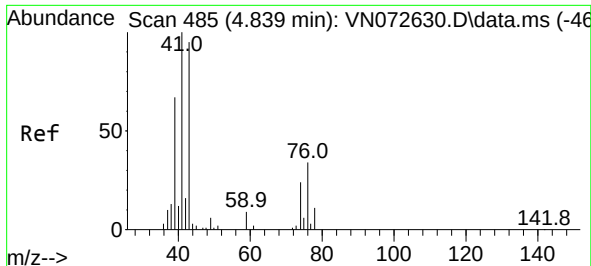
Tgt Ion: 76 Resp: 89325

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





#17

Allyl chloride

Concen: 23.466 ug/l

RT: 4.840 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

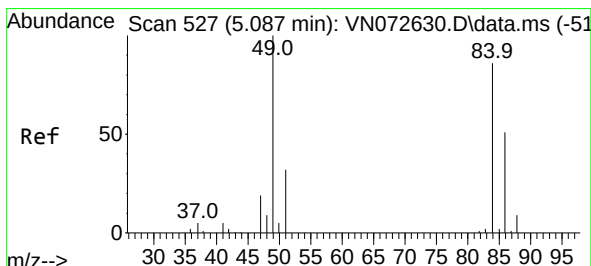
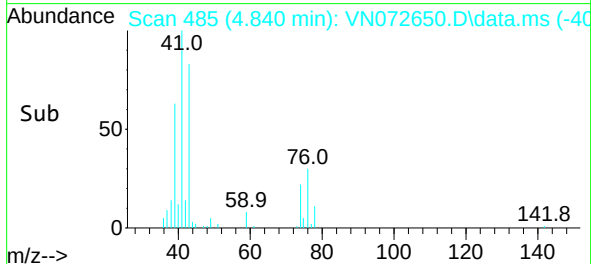
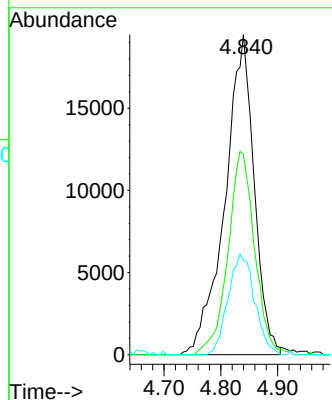
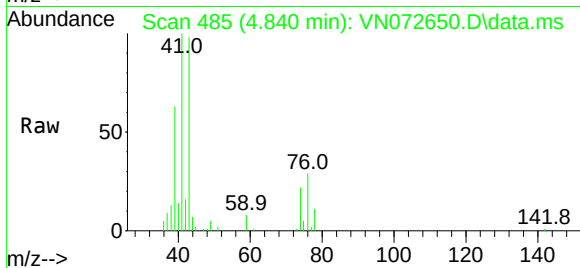
Tgt Ion: 41 Resp: 69544

Ion Ratio Lower Upper

41 100

39 62.7 44.6 134.0

76 29.4 19.6 58.7



#18

Methylene Chloride

Concen: 22.192 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Tgt Ion: 84 Resp: 41617

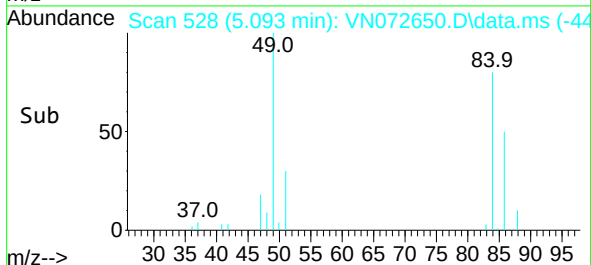
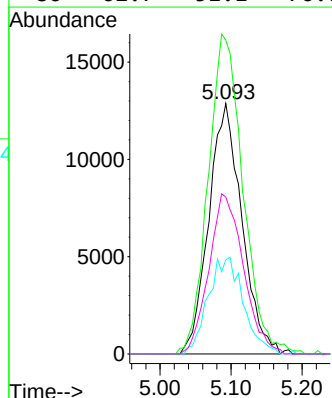
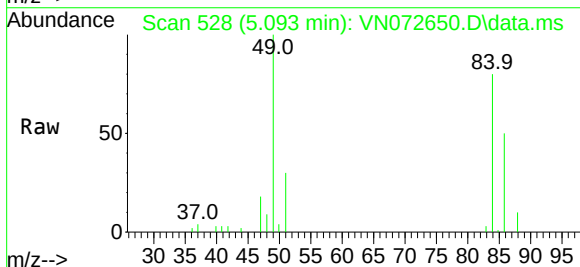
Ion Ratio Lower Upper

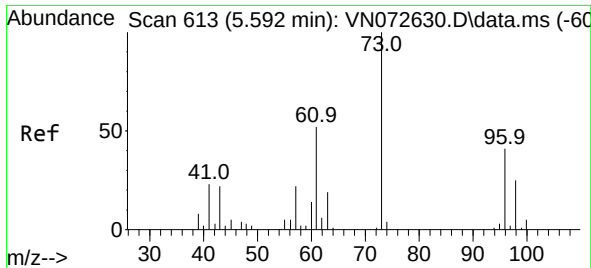
84 100

49 123.0 91.4 137.0

51 37.6 29.4 44.0

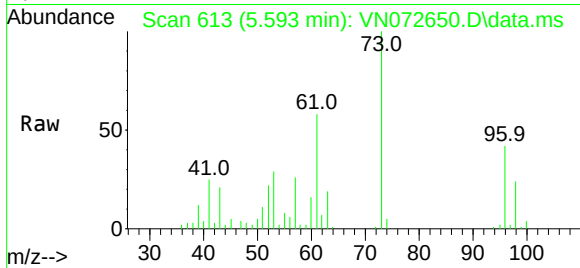
86 62.7 51.1 76.7



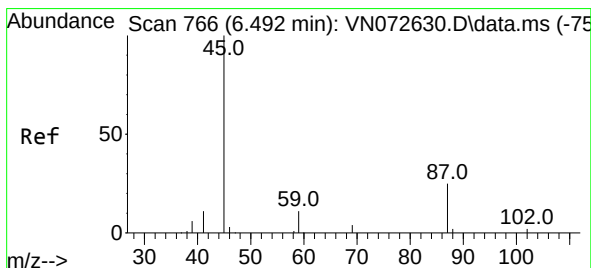
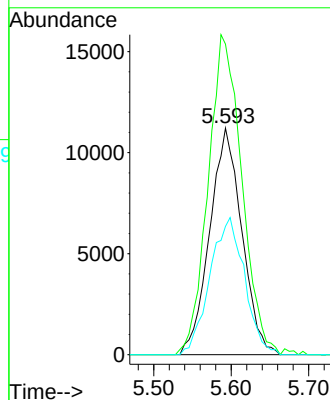
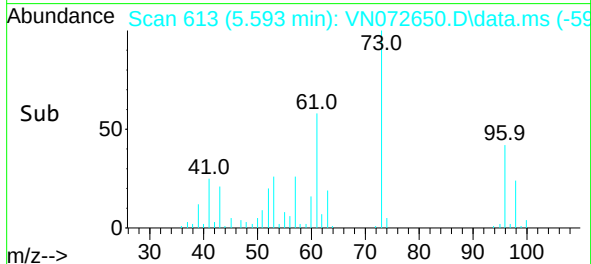


#19
trans-1,2-Dichloroethene
Concen: 20.749 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

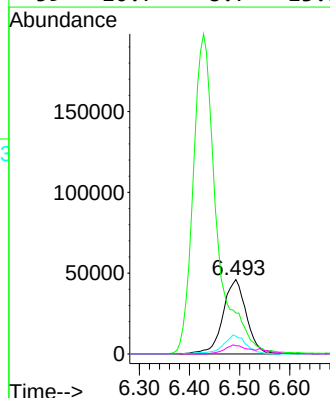
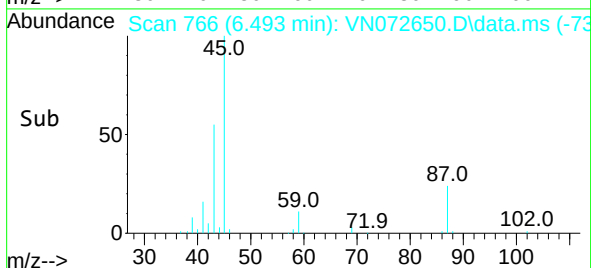
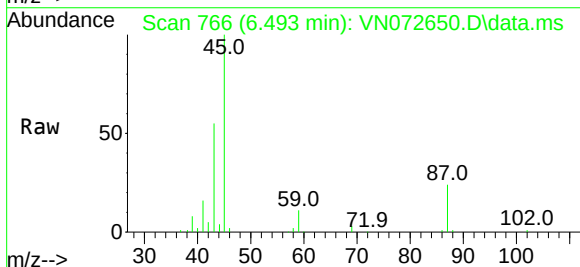


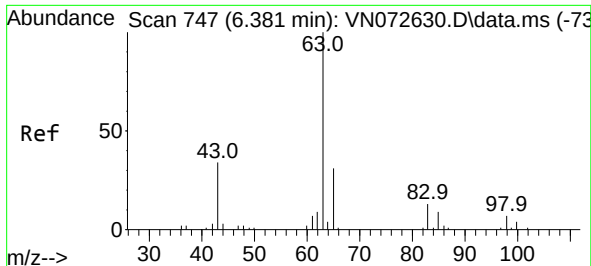
Tgt Ion: 96 Resp: 32373
Ion Ratio Lower Upper
96 100
61 137.1 102.8 154.2
98 56.6 49.3 73.9



#20
Diisopropyl ether
Concen: 21.957 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 45 Resp: 149195
Ion Ratio Lower Upper
45 100
43 52.3 51.0 76.4
87 23.8 25.0 37.4#
59 10.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.929 ug/l

RT: 6.381 min Scan# 747

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

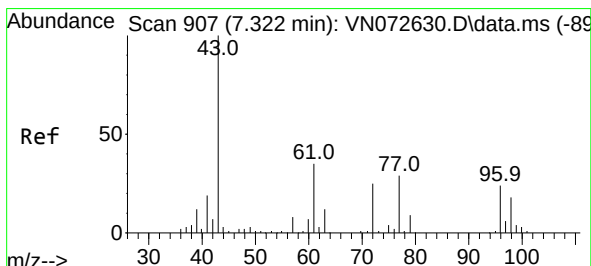
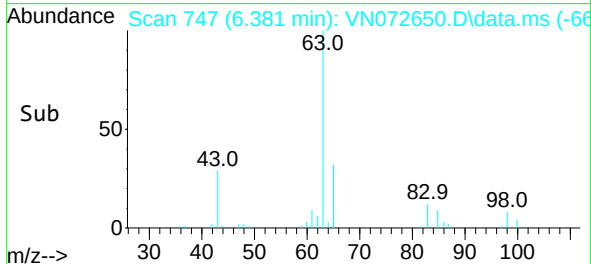
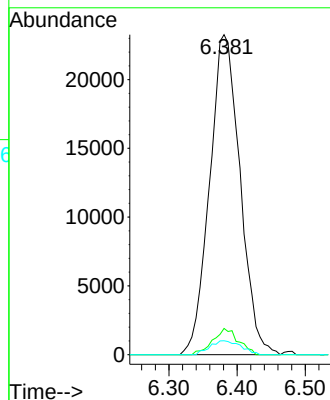
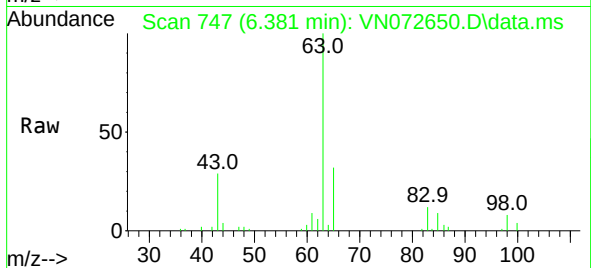
Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

Tgt Ion: 63	Resp: 72388
Ion Ratio	Lower Upper
63 100	
98 8.2	3.2 9.6
100 4.3	2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 21.546 ug/l

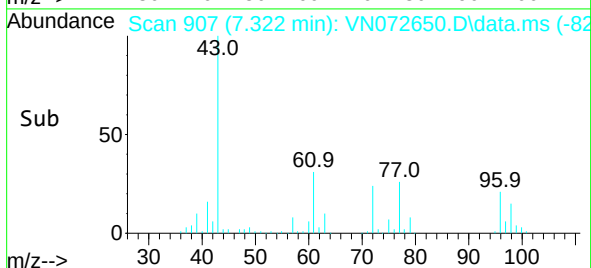
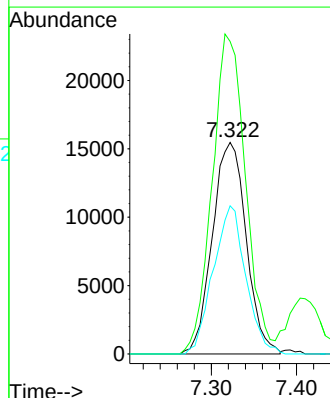
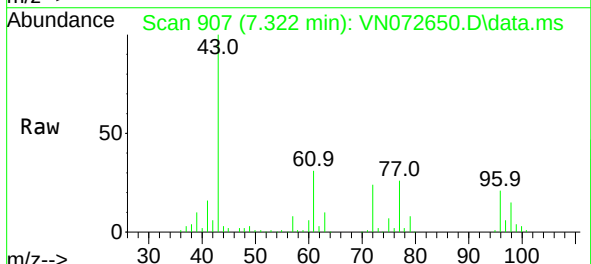
RT: 7.322 min Scan# 907

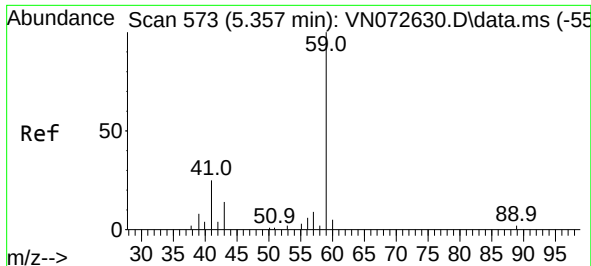
Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Tgt Ion: 96	Resp: 42695
Ion Ratio	Lower Upper
96 100	
61 149.0	115.7 173.5
98 67.4	51.6 77.4

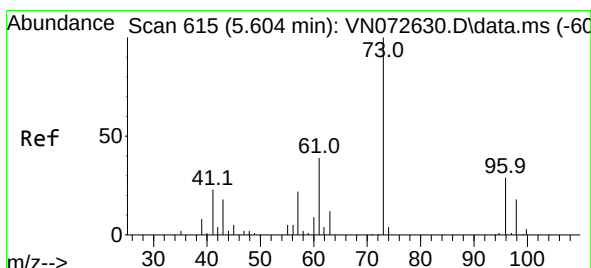
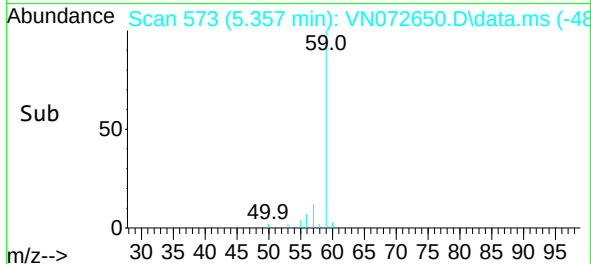
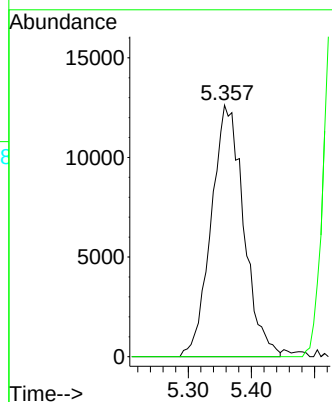
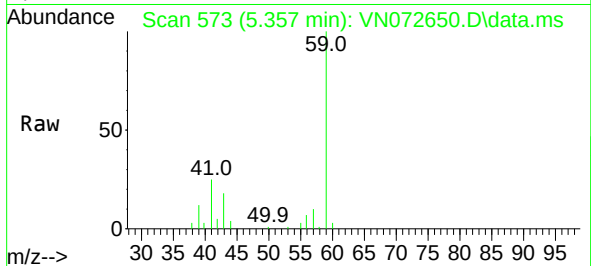




#23
tert-Butyl Alcohol
Concen: 111.639 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

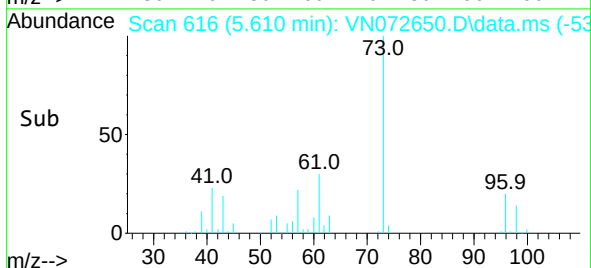
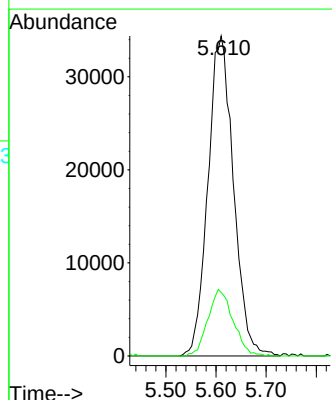
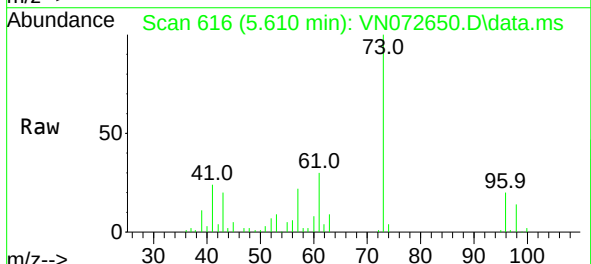
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

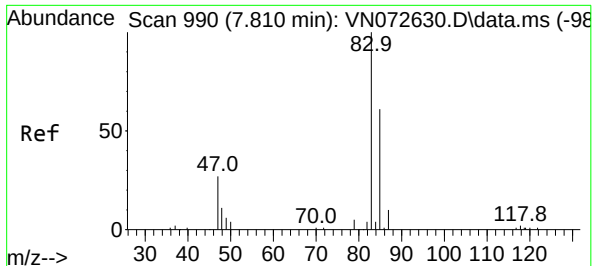
Tgt Ion: 59 Resp: 45186
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 22.183 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 73 Resp: 121567
Ion Ratio Lower Upper
73 100
43 20.4 18.1 27.1





#25

Chloroform

Concen: 20.488 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

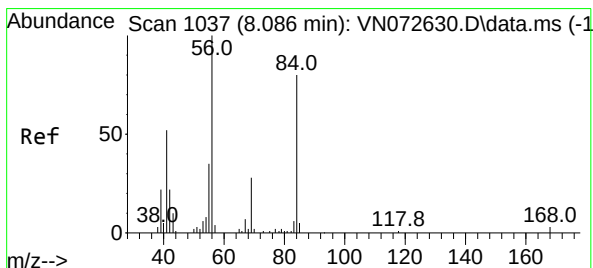
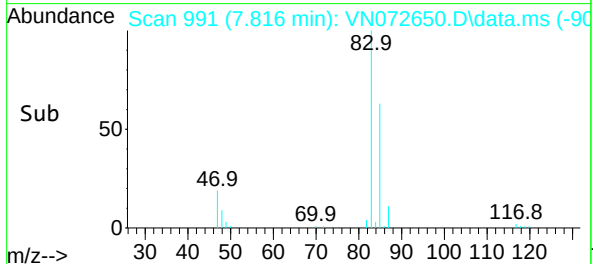
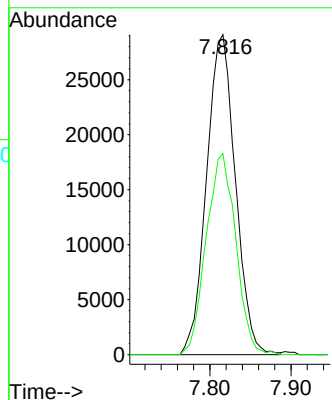
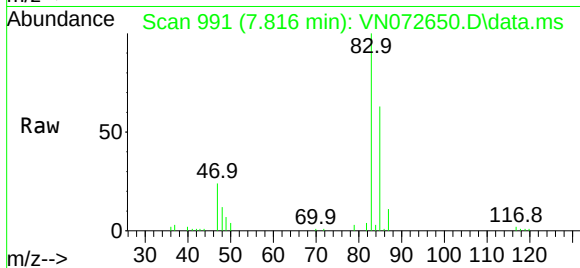
VN0531WBSD01

Tgt Ion: 83 Resp: 71995

Ion Ratio Lower Upper

83 100

85 62.8 51.3 76.9



#26

Cyclohexane

Concen: 19.982 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

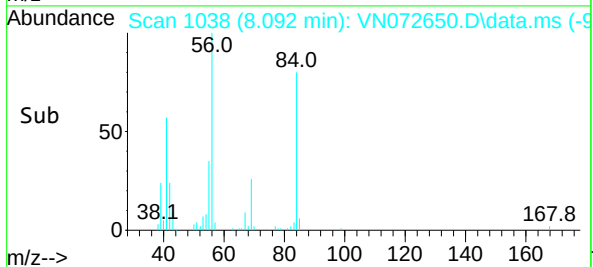
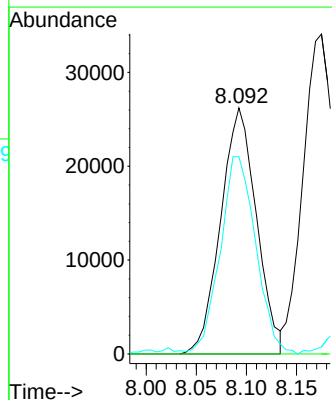
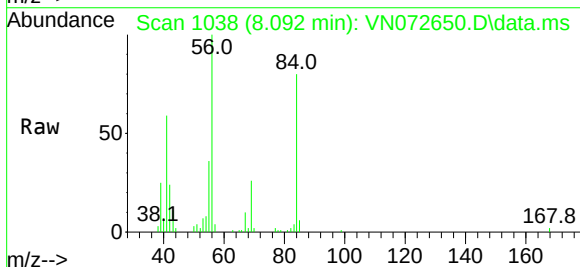
Tgt Ion: 56 Resp: 65185

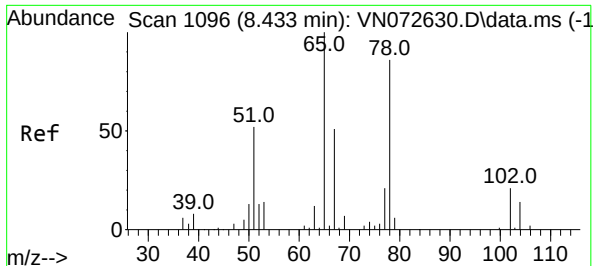
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 79.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.366 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

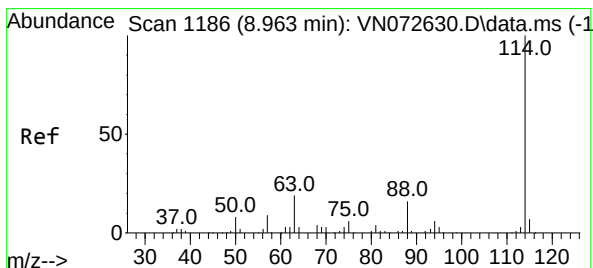
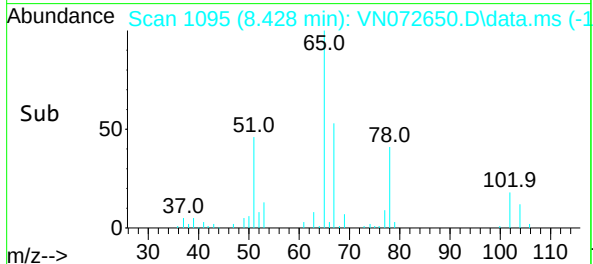
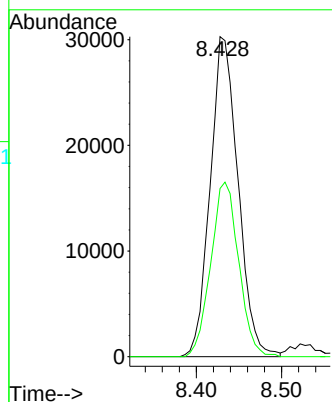
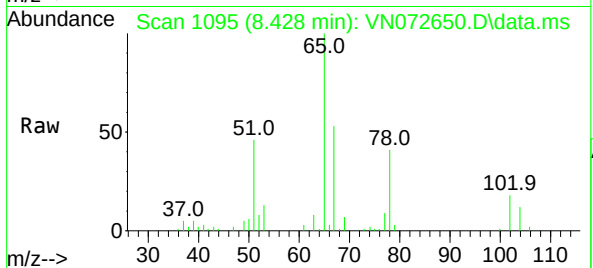
VN0531WBSD01

Tgt Ion: 65 Resp: 68827

Ion Ratio Lower Upper

65 100

67 54.5 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: VN072650.D

Acq: 31 May 2022 13:29

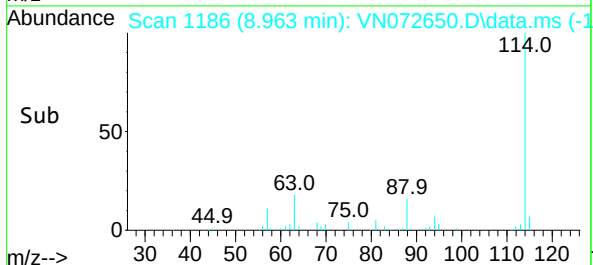
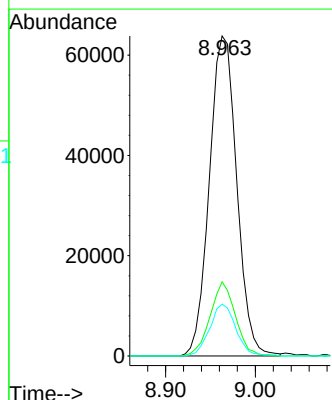
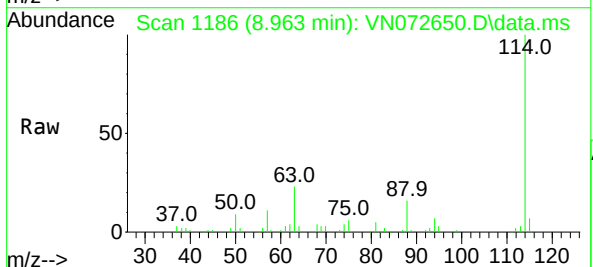
Tgt Ion: 114 Resp: 135513

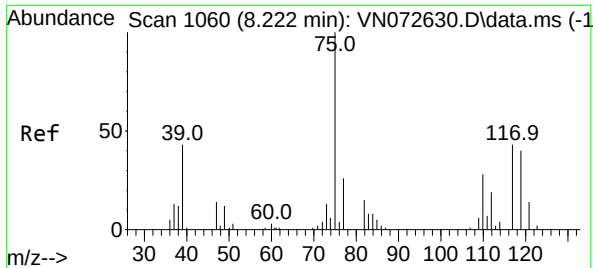
Ion Ratio Lower Upper

114 100

63 21.4 15.8 23.6

88 15.4 11.6 17.4

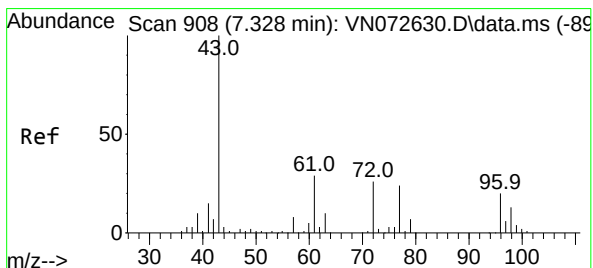
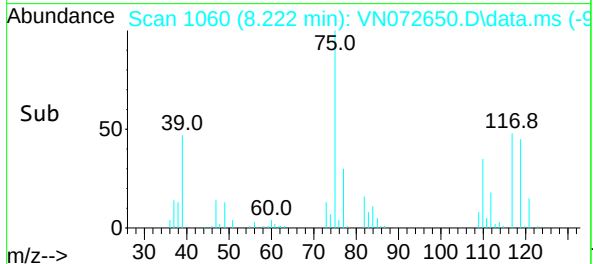
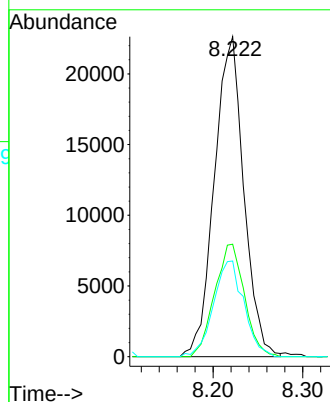
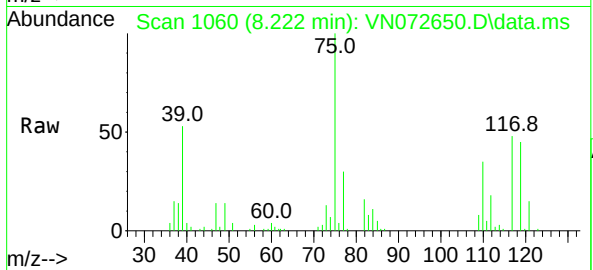




#29
1,1-Dichloropropene
Concen: 20.111 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

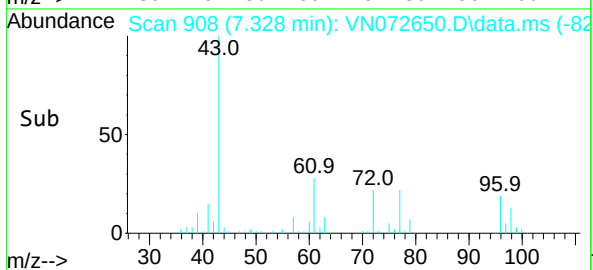
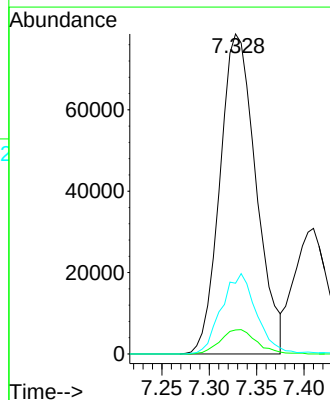
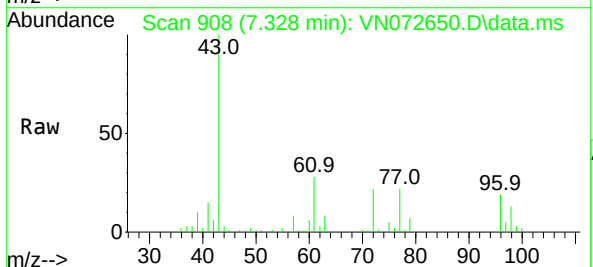
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

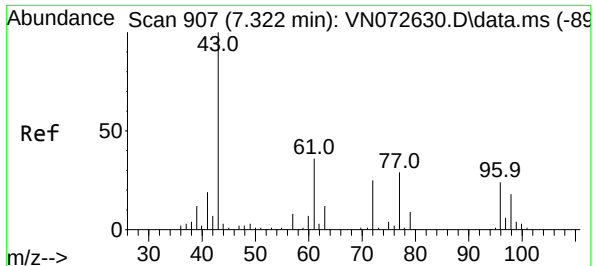
Tgt Ion: 75 Resp: 51539
Ion Ratio Lower Upper
75 100
110 35.5 0.0 74.2
77 30.9 0.0 63.2



#30
2-Butanone
Concen: 120.912 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 43 Resp: 208661
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 24.2 23.2 34.8

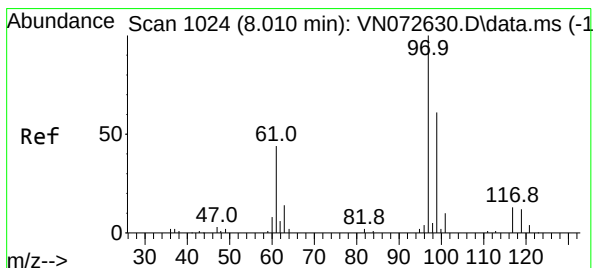
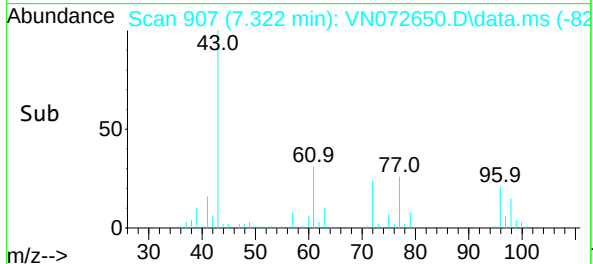
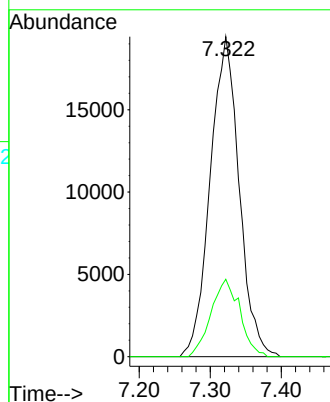
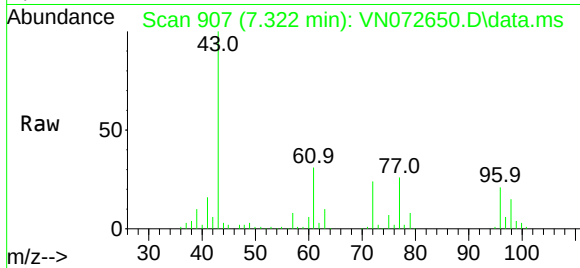




#31
2,2-Dichloropropane
Concen: 21.179 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

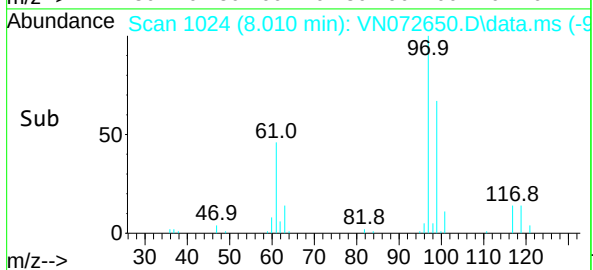
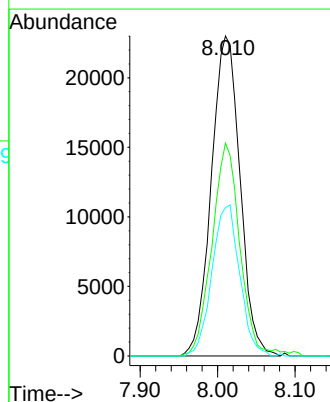
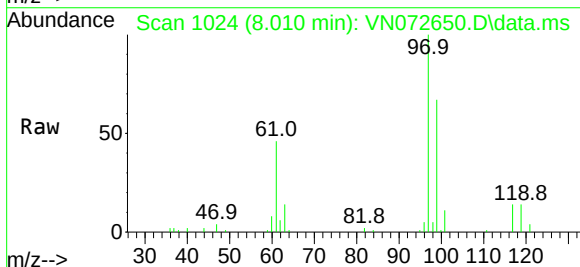
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

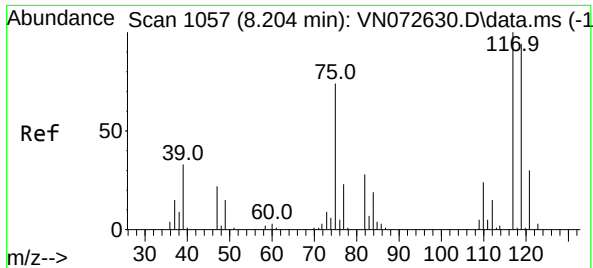
Tgt Ion: 77 Resp: 54972
Ion Ratio Lower Upper
77 100
97 24.2 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.831 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 97 Resp: 59222
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 45.6 34.6 51.8

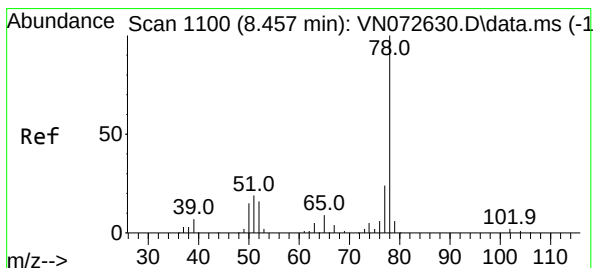
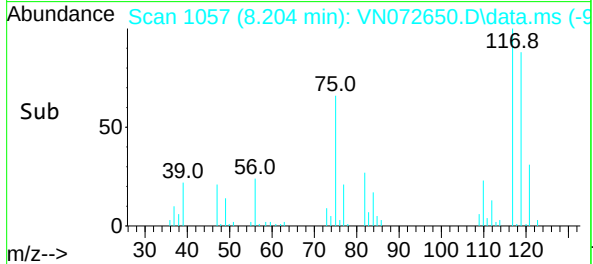
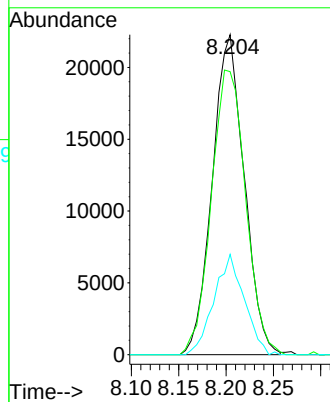
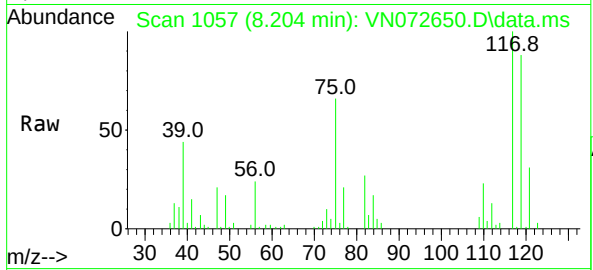




#33
Carbon Tetrachloride
Concen: 20.715 ug/l
RT: 8.204 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

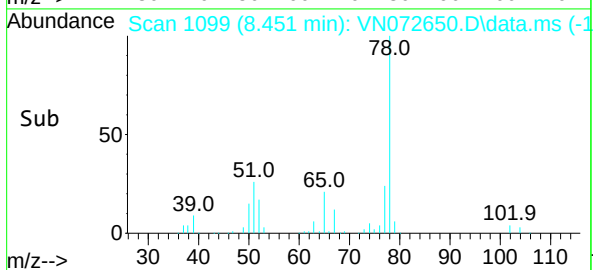
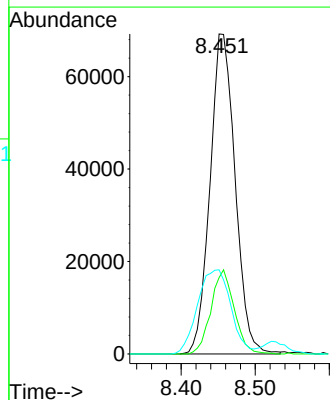
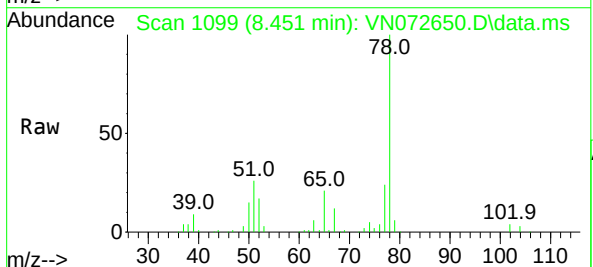
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

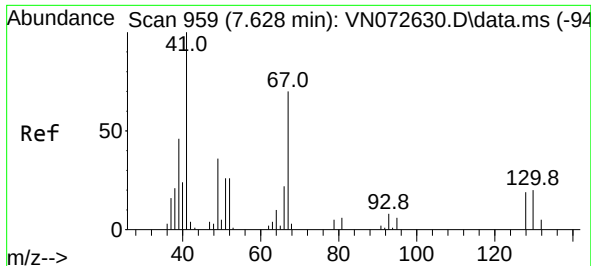
Tgt Ion:117 Resp: 52292
Ion Ratio Lower Upper
117 100
119 88.4 77.5 116.3
121 31.4 23.5 35.3



#34
Benzene
Concen: 20.248 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 78 Resp: 163120
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 25.3 16.0 24.0#

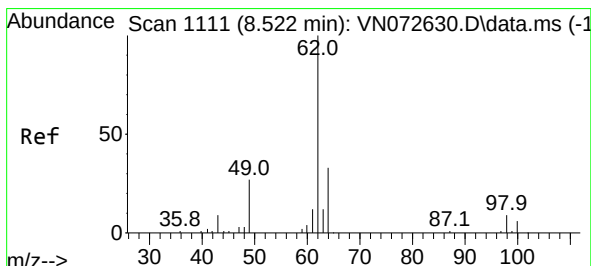
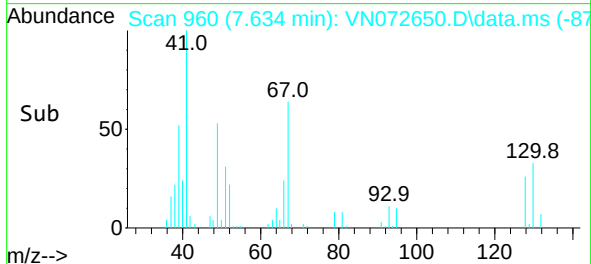
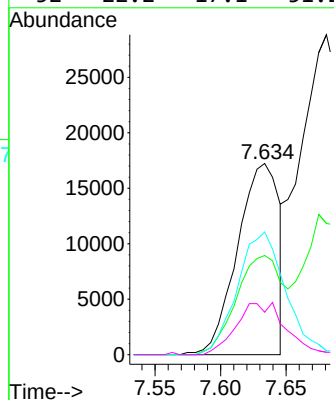
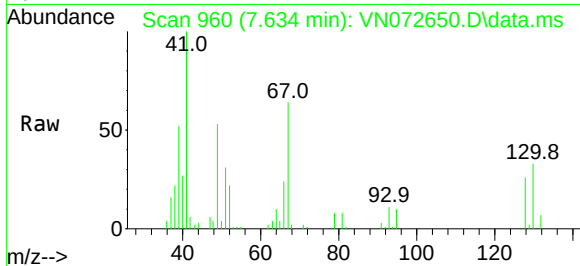




#35
Methacrylonitrile
Concen: 21.606 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

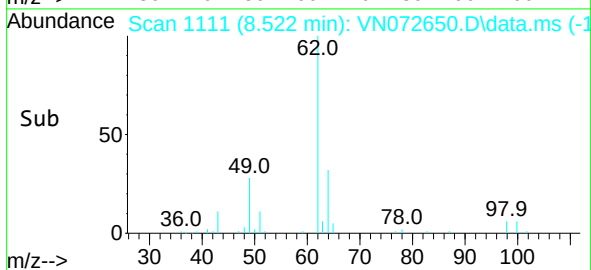
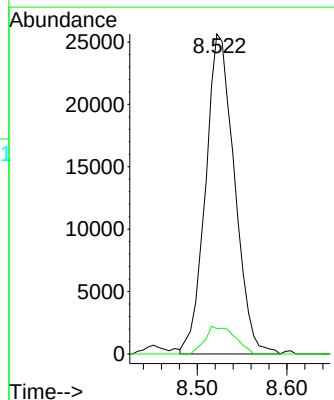
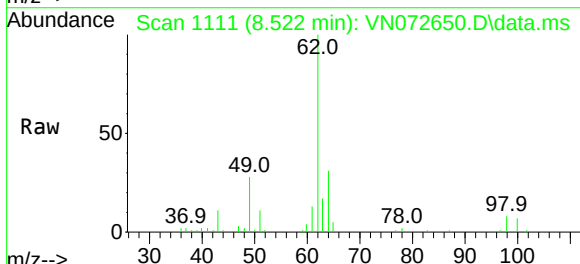
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

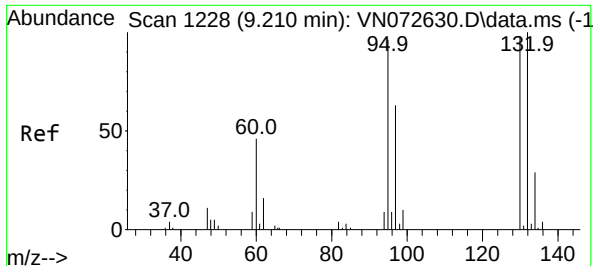
Tgt Ion:	41	Resp:	38032
Ion	Ratio	Lower	Upper
41	100		
39	51.9	28.0	83.9
67	64.1	37.7	113.1
52	22.2	17.1	51.2



#36
1,2-Dichloroethane
Concen: 21.893 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion:	62	Resp:	57312
Ion	Ratio	Lower	Upper
62	100		
98	4.1	6.6	10.0#





#37

Trichloroethene

Concen: 19.341 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

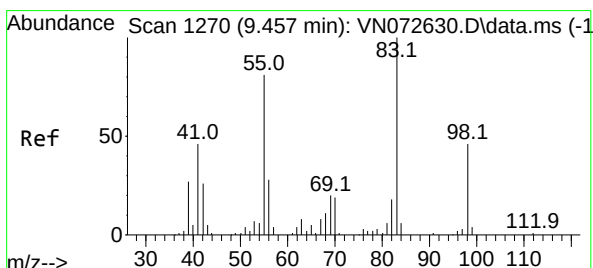
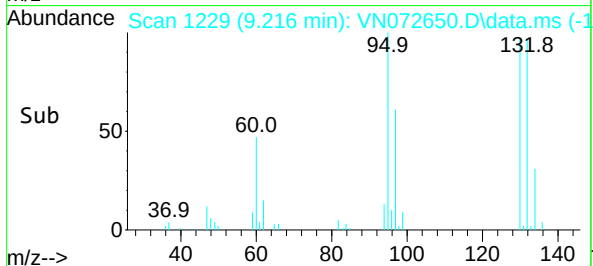
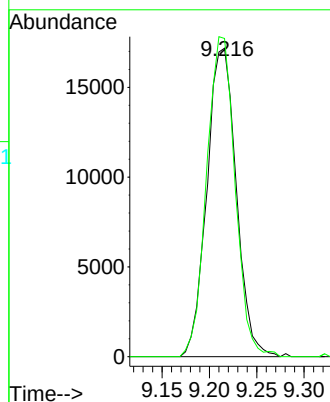
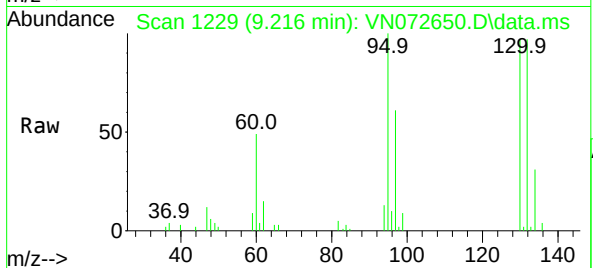
VN0531WBSD01

Tgt Ion:130 Resp: 37085

Ion Ratio Lower Upper

130 100

95 103.2 76.6 115.0



#38

Methylcyclohexane

Concen: 19.371 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

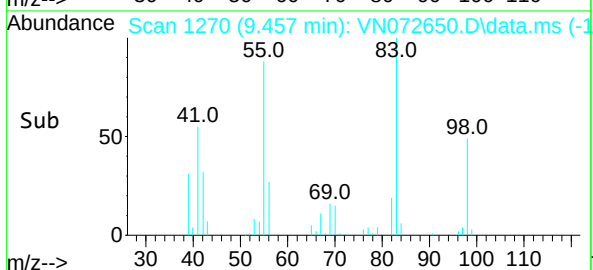
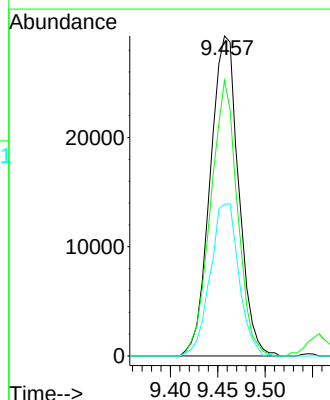
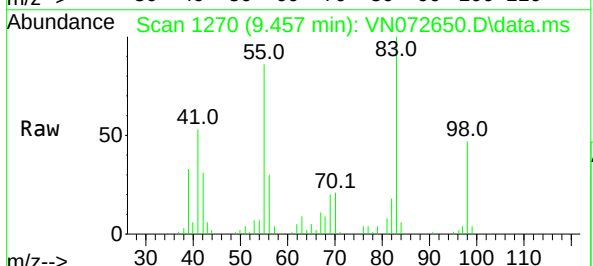
Tgt Ion: 83 Resp: 61314

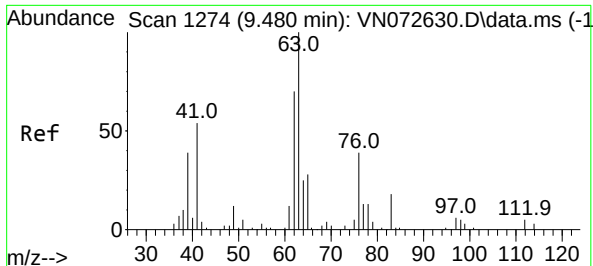
Ion Ratio Lower Upper

83 100

55 81.0 35.1 105.3

98 47.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.246 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

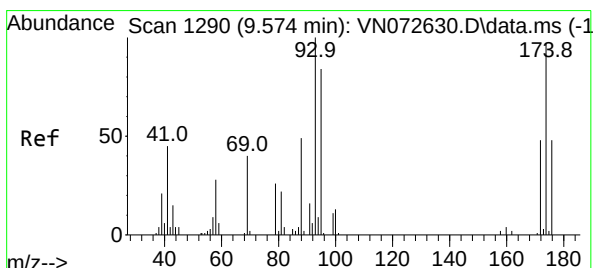
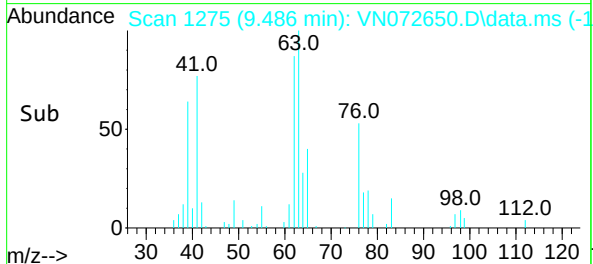
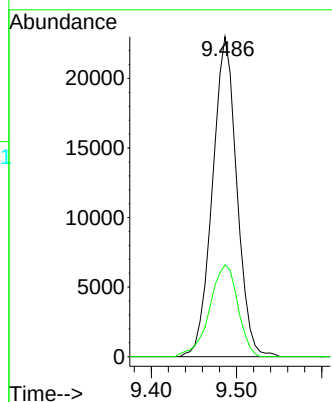
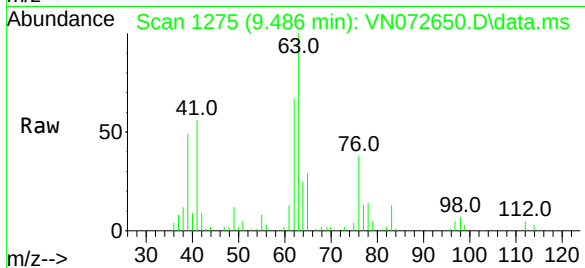
VN0531WBSD01

Tgt Ion: 63 Resp: 45644

Ion Ratio Lower Upper

63 100

65 28.7 24.2 36.4



#40

Dibromomethane

Concen: 20.749 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

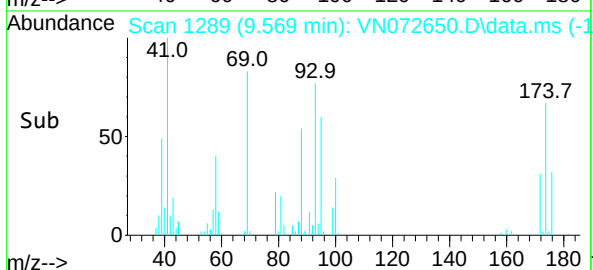
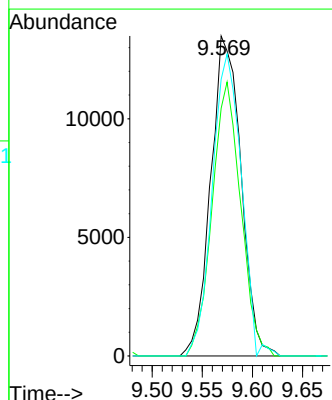
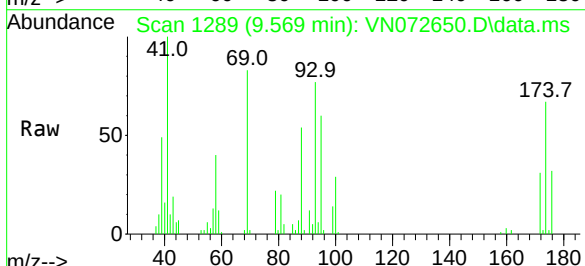
Tgt Ion: 93 Resp: 28266

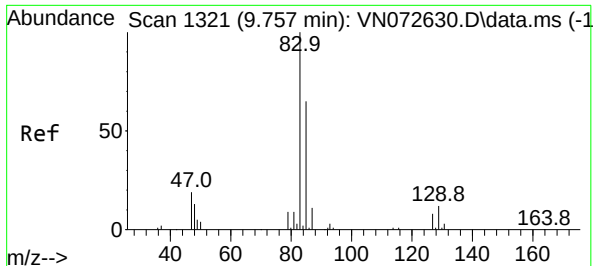
Ion Ratio Lower Upper

93 100

95 81.1 0.0 168.8

174 89.7 0.0 173.6

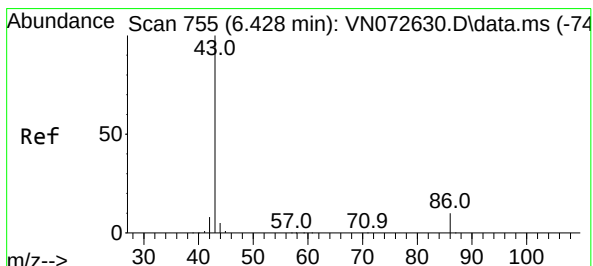
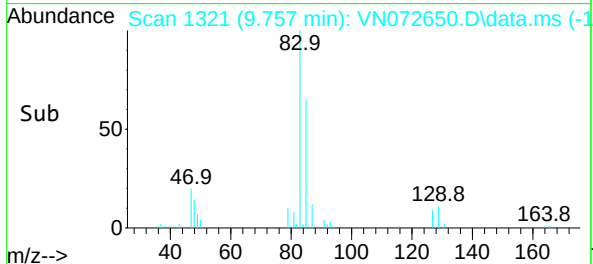
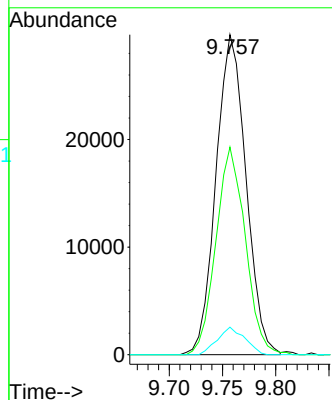
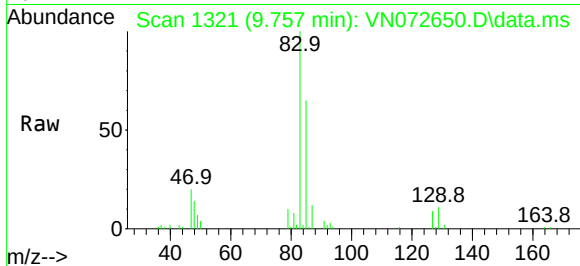




#41
Bromodichloromethane
Concen: 21.325 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

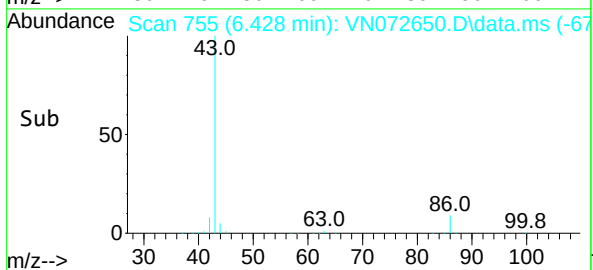
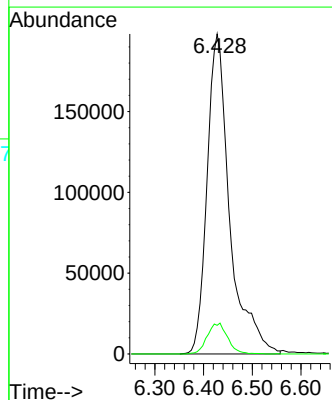
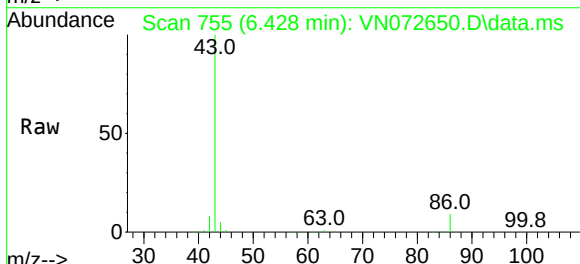
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

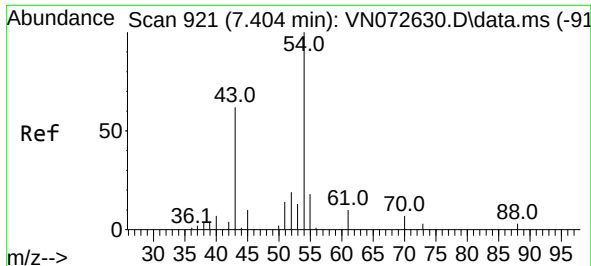
Tgt Ion: 83 Resp: 58232
Ion Ratio Lower Upper
83 100
85 64.9 54.1 81.1
127 8.6 7.6 11.4



#42
Vinyl Acetate
Concen: 113.429 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 43 Resp: 638870
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3

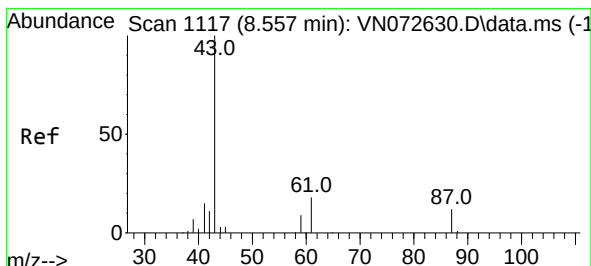
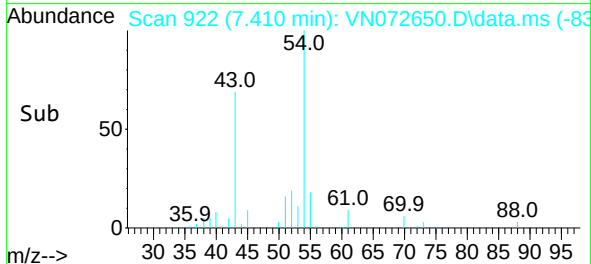
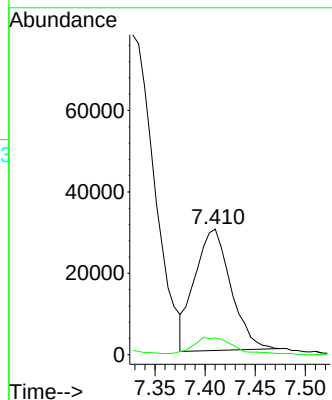
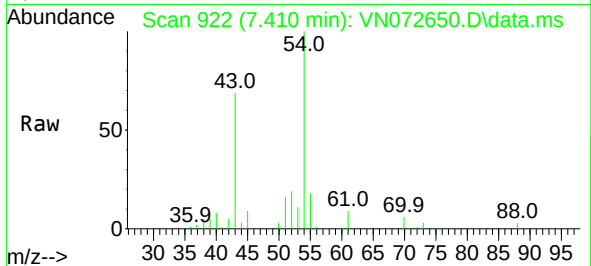




#43
Ethyl Acetate
Concen: 22.570 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

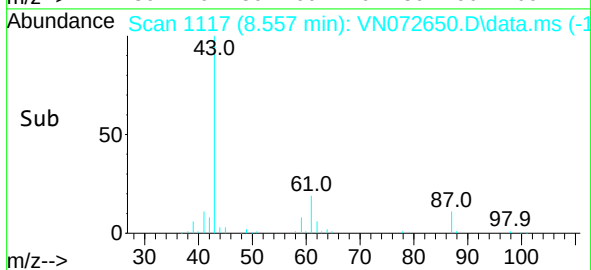
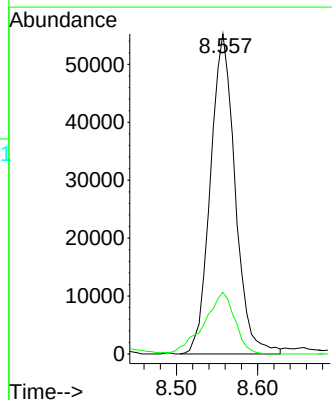
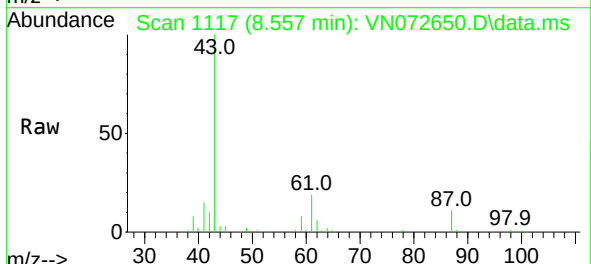
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

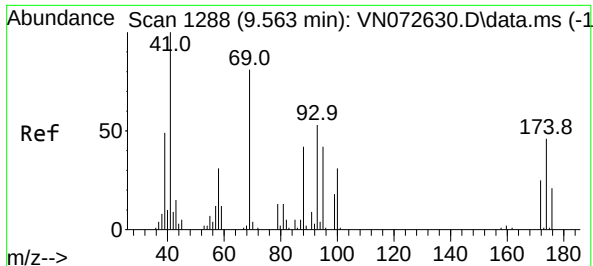
Tgt Ion: 43 Resp: 74692
Ion Ratio Lower Upper
43 100
45 6.4 10.6 16.0#



#44
Isopropyl Acetate
Concen: 22.691 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 43 Resp: 117002
Ion Ratio Lower Upper
43 100
61 24.0 20.1 30.1





#45

1,4-Dioxane

Concen: 474.298 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

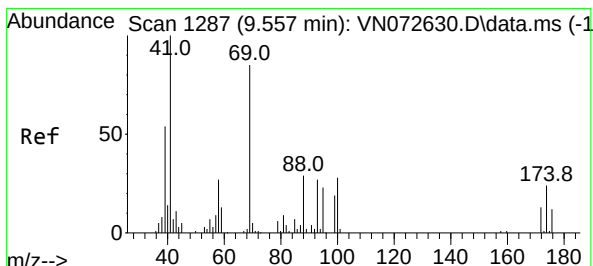
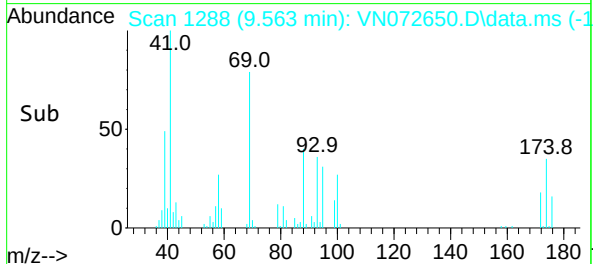
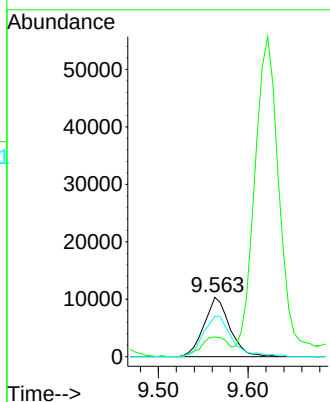
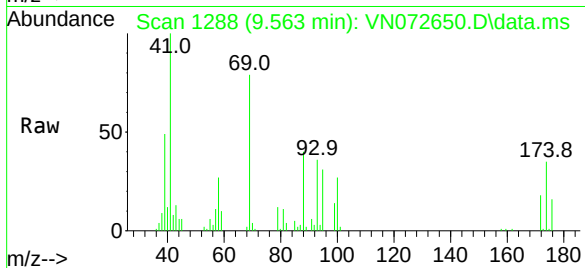
Tgt Ion: 88 Resp: 20505

Ion Ratio Lower Upper

88 100

43 34.4 25.0 37.6

58 76.0 49.4 74.2#



#46

Methyl methacrylate

Concen: 22.903 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

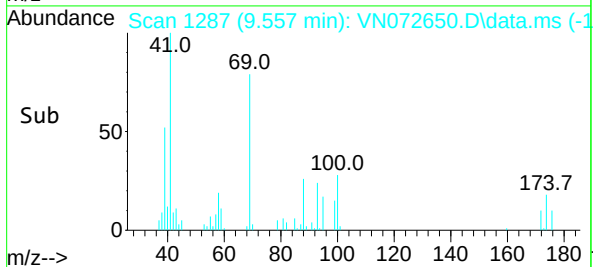
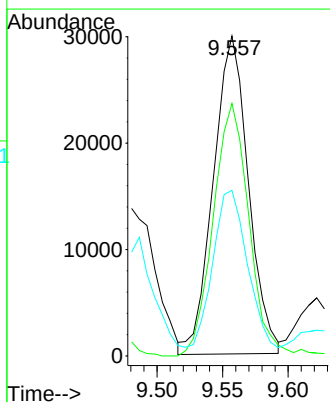
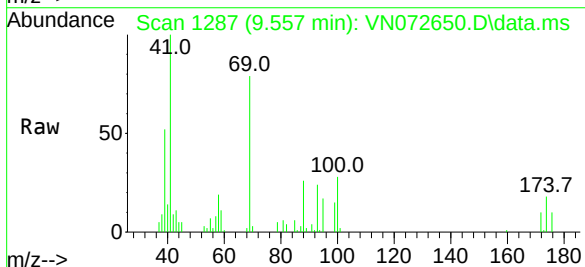
Tgt Ion: 41 Resp: 55641

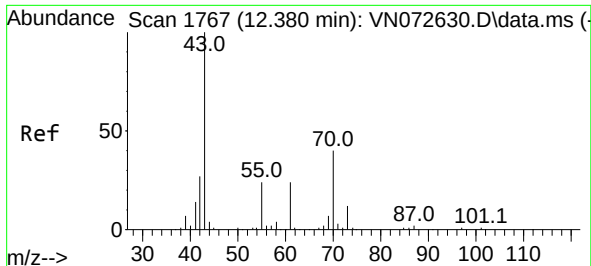
Ion Ratio Lower Upper

41 100

69 82.4 44.4 133.2

39 51.3 39.9 119.6

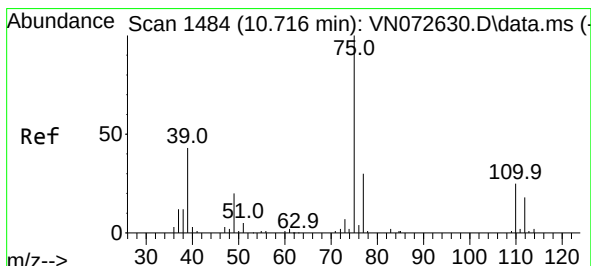
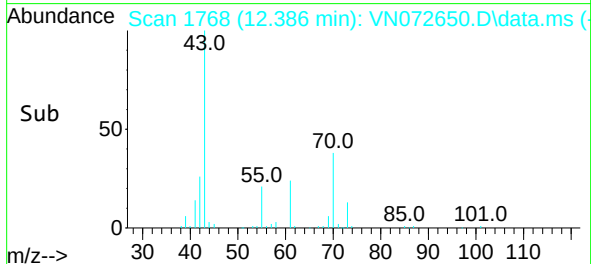
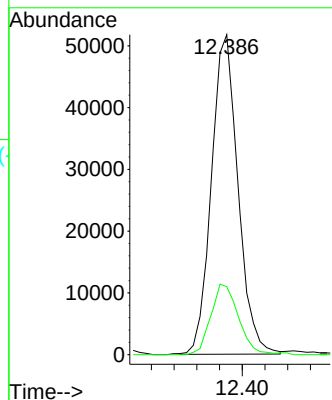
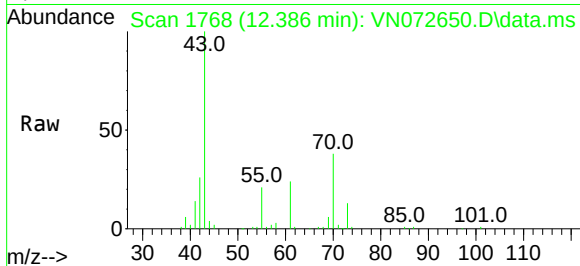




#47
n-amyl Acetate
Concen: 22.385 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

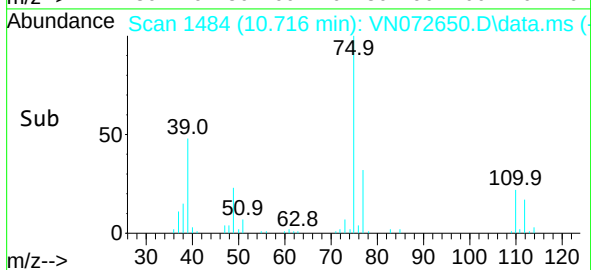
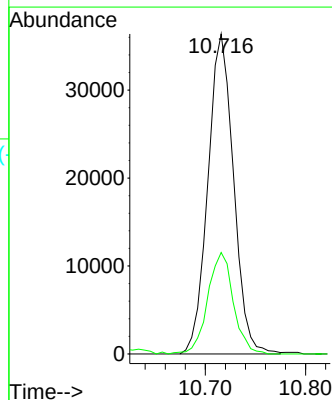
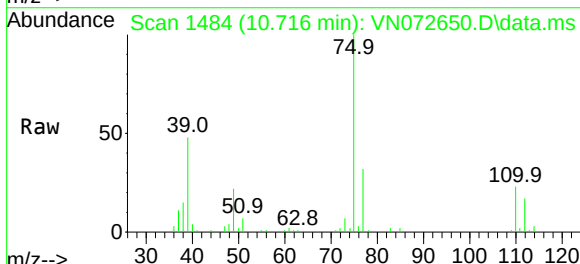
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

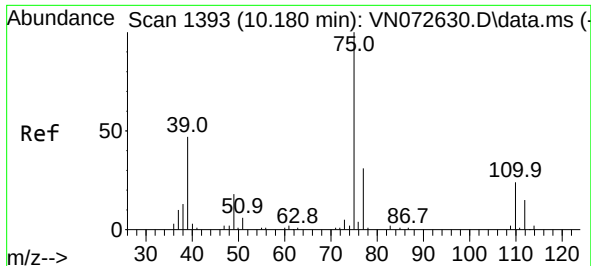
Tgt Ion: 43 Resp: 84096
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 21.952 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 75 Resp: 64750
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 21.641 ug/l

RT: 10.186 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

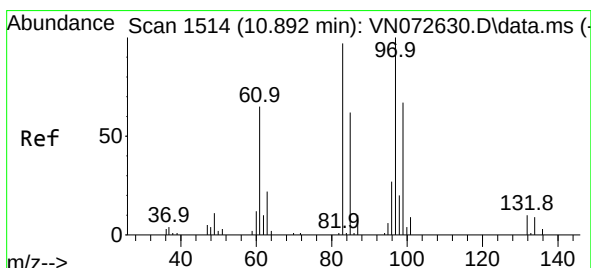
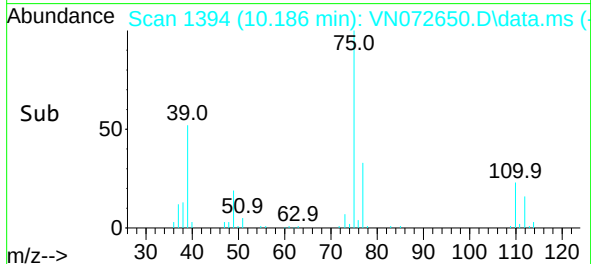
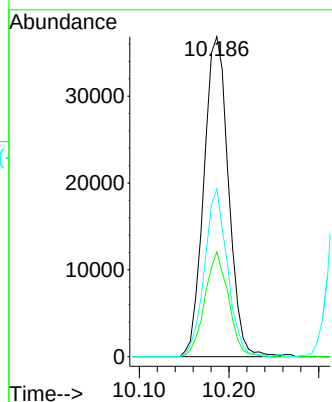
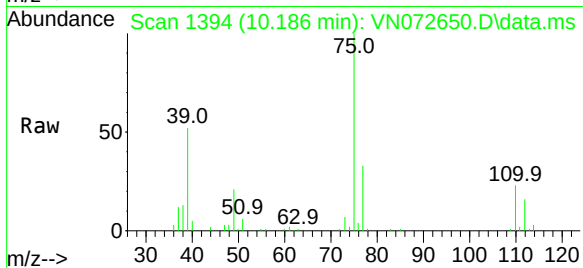
Tgt Ion: 75 Resp: 70333

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

39 52.4 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 21.991 ug/l

RT: 10.898 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Tgt Ion: 97 Resp: 44040

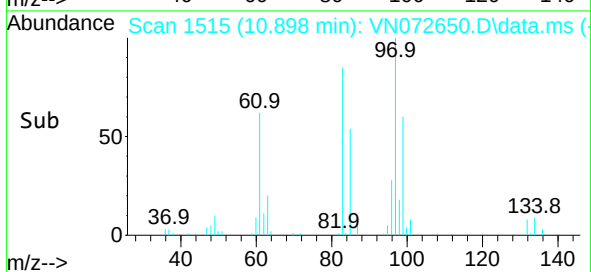
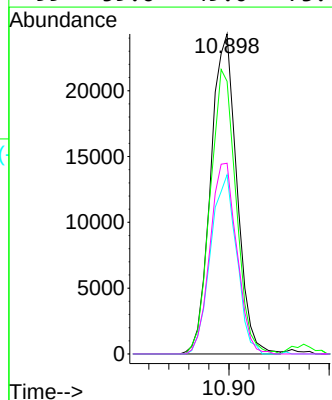
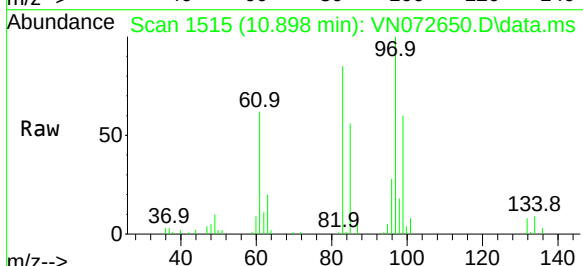
Ion Ratio Lower Upper

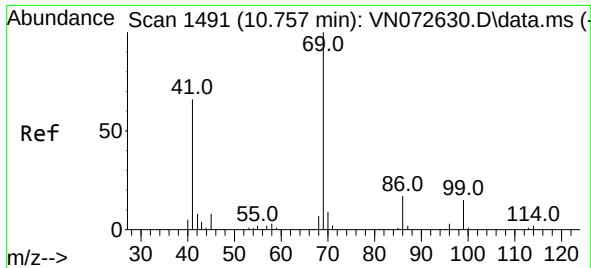
97 100

83 85.2 67.2 100.8

85 56.0 43.0 64.4

99 59.6 49.0 73.4

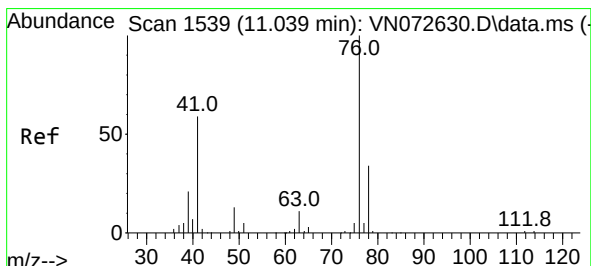
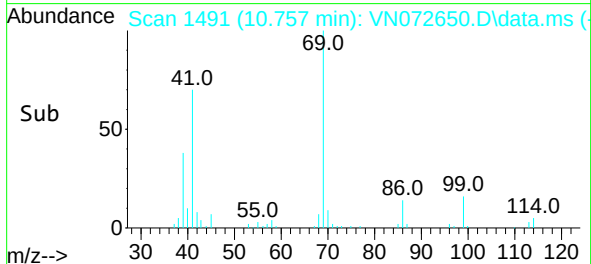
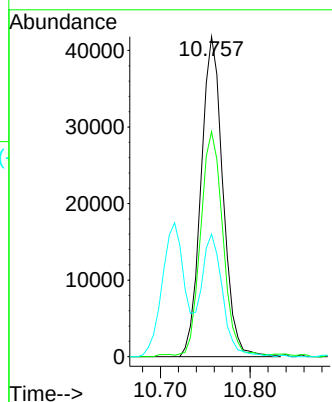
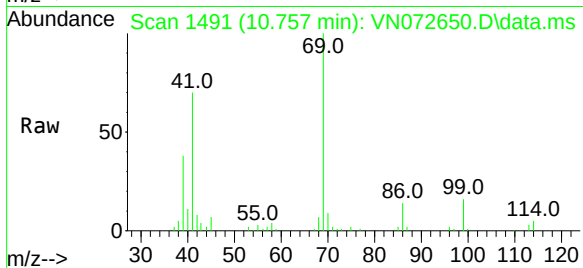




#51
Ethyl methacrylate
Concen: 21.026 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

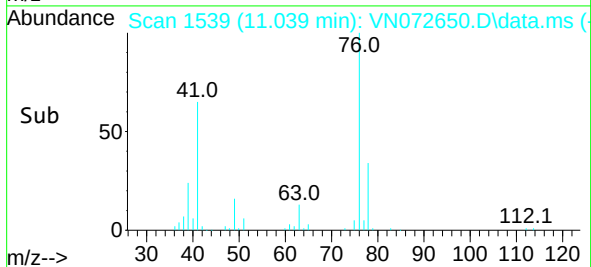
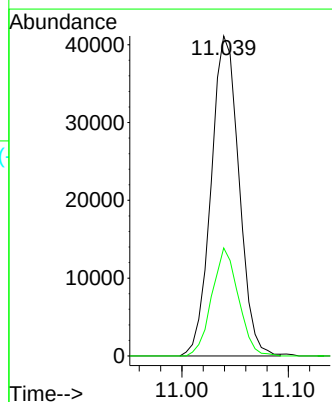
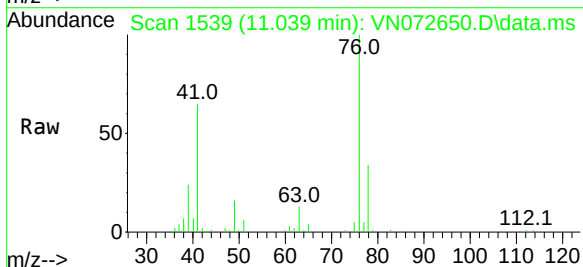
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

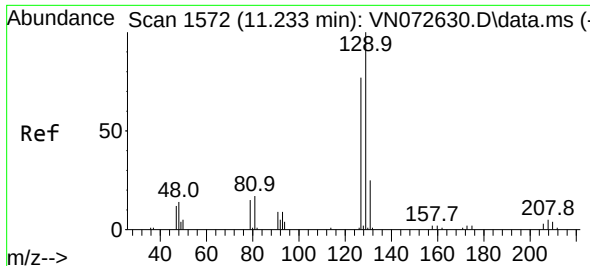
Tgt Ion: 69 Resp: 71000
Ion Ratio Lower Upper
69 100
41 69.5 33.0 98.9
39 37.9 25.4 76.4



#52
1,3-Dichloropropane
Concen: 21.179 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 76 Resp: 74791
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4

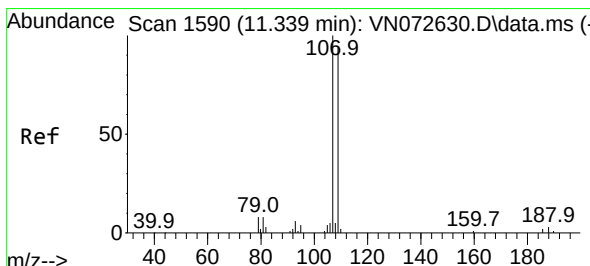
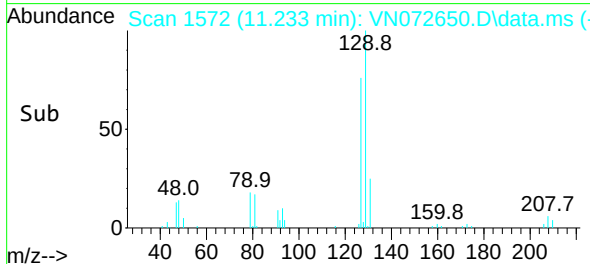
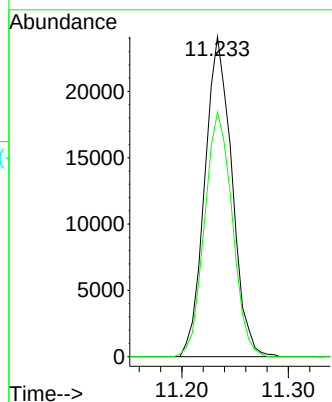
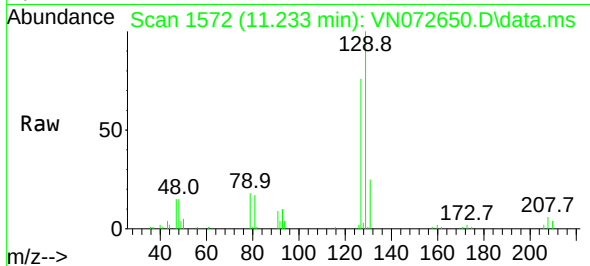




#53
Dibromochloromethane
Concen: 20.743 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

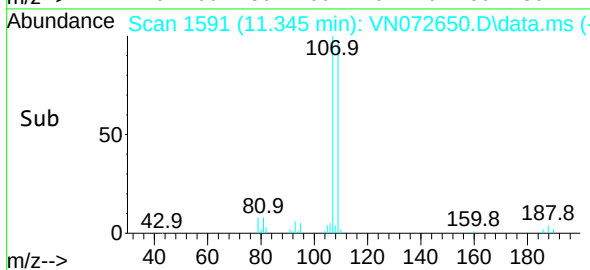
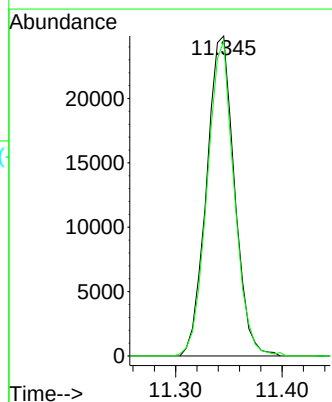
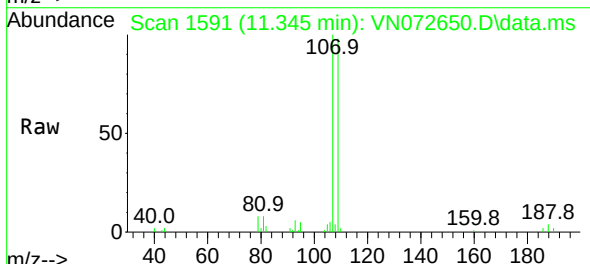
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

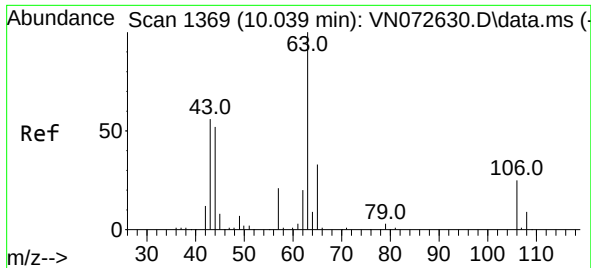
Tgt Ion:129 Resp: 42708
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 22.044 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion:107 Resp: 45330
Ion Ratio Lower Upper
107 100
109 94.9 72.8 109.2

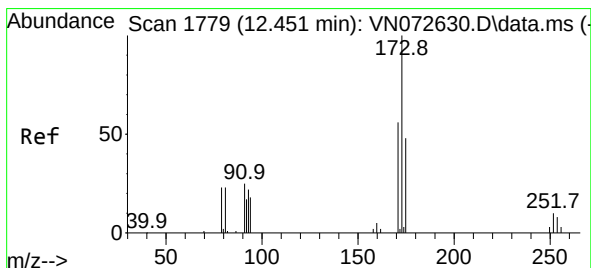
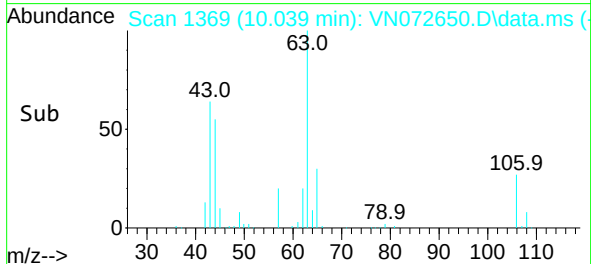
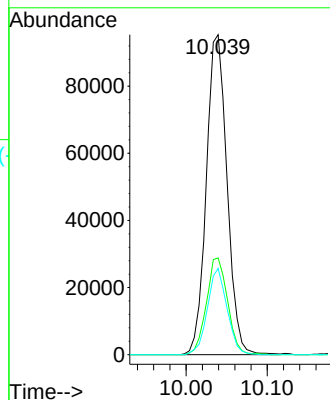
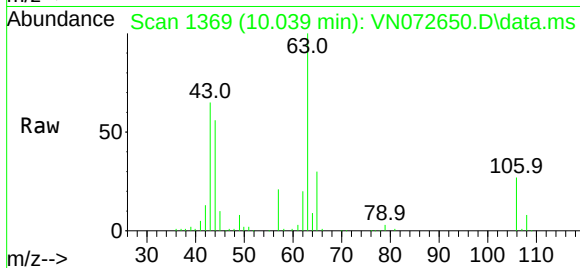




#55
2-Chloroethyl vinyl ether
Concen: 114.390 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

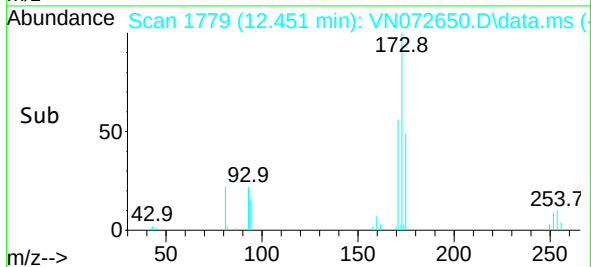
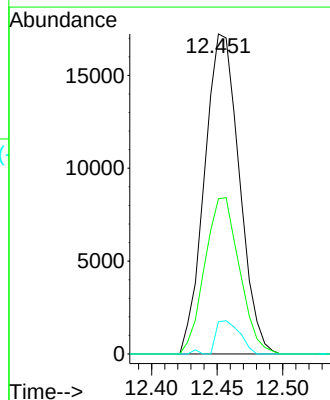
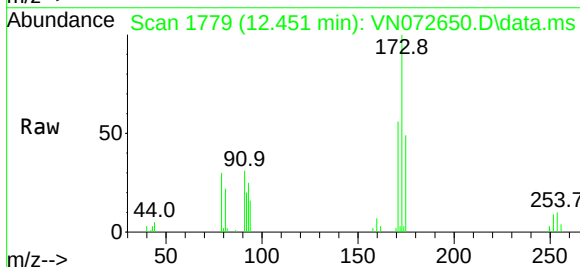
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

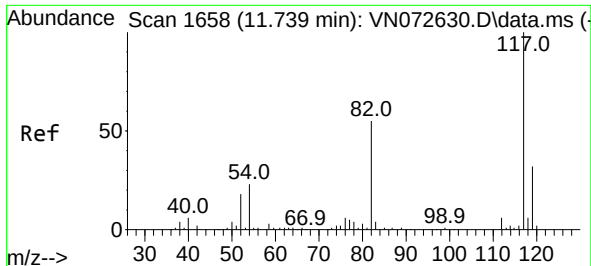
Tgt Ion: 63 Resp: 168959
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.0
106 25.6 23.2 34.8



#56
Bromoform
Concen: 21.408 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 173 Resp: 31820
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 7.0 0.0 0.0#

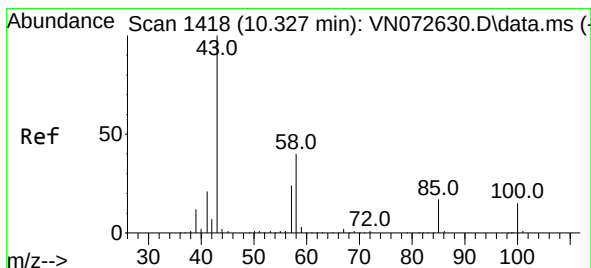
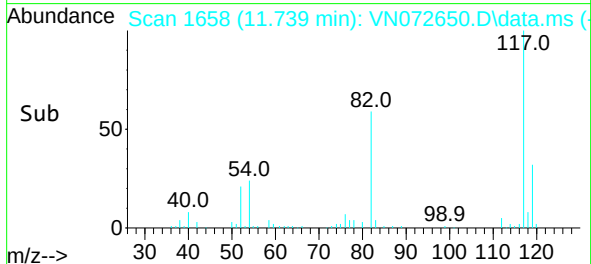
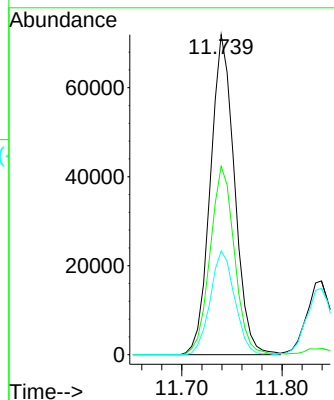
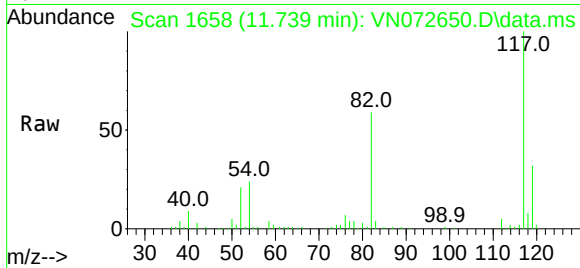




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

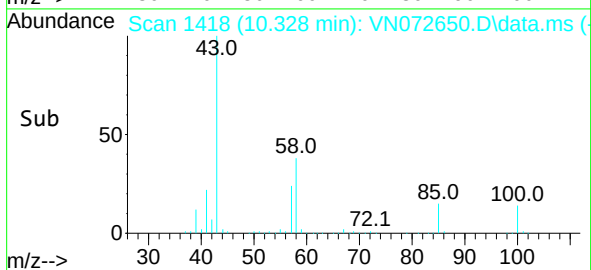
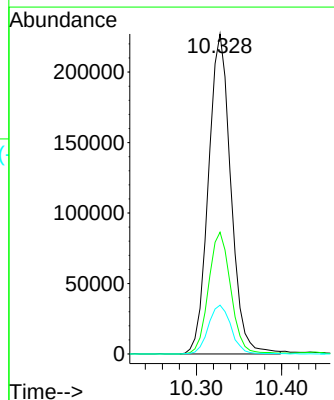
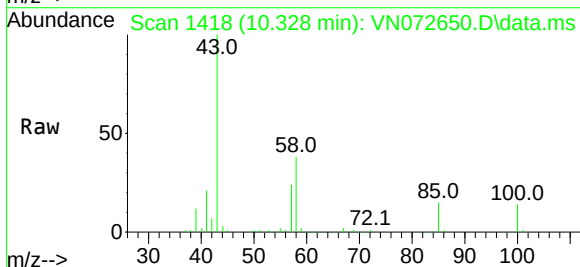
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

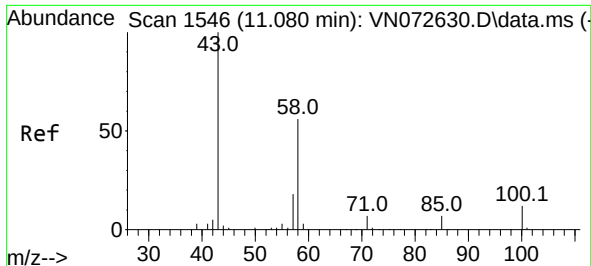
Tgt Ion:117 Resp: 120546
Ion Ratio Lower Upper
117 100
82 59.3 43.6 65.4
119 32.7 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 119.344 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 43 Resp: 415550
Ion Ratio Lower Upper
43 100
58 37.9 30.0 45.0
85 15.4 15.0 22.6

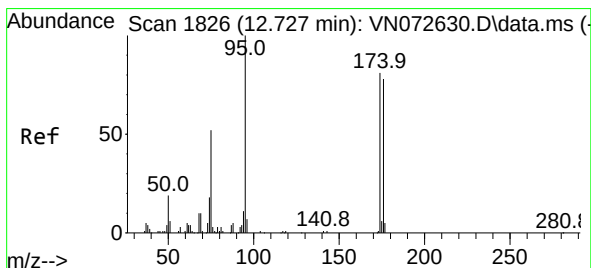
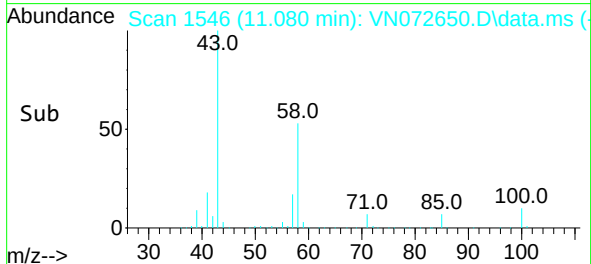
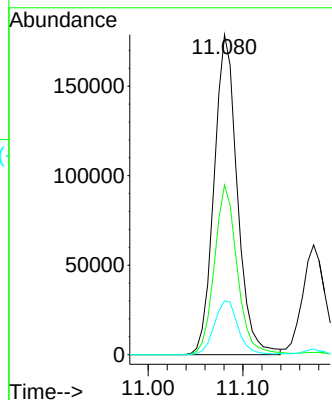
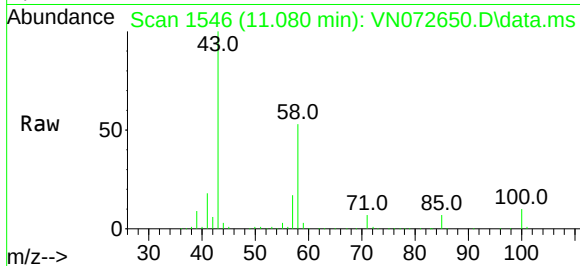




#59
2-Hexanone
Concen: 122.767 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

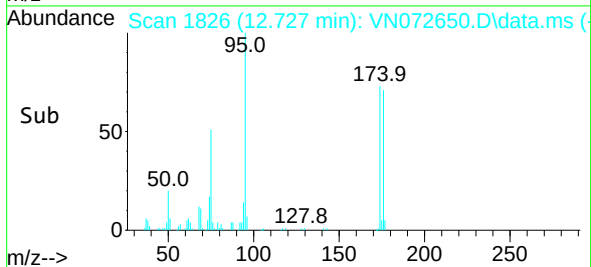
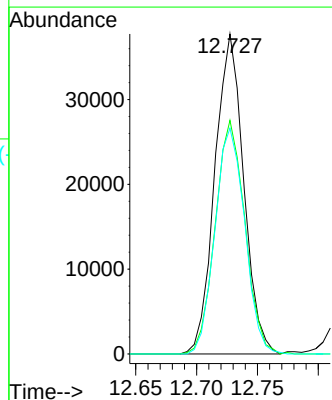
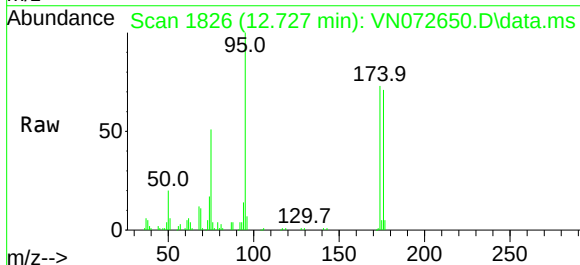
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

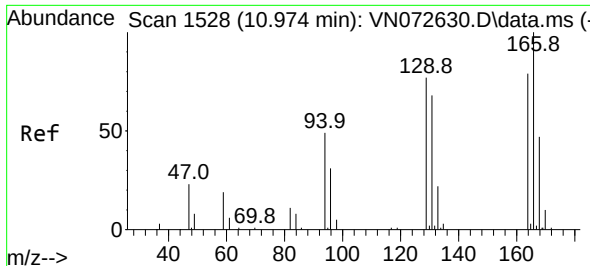
Tgt Ion: 43 Resp: 304860
Ion Ratio Lower Upper
43 100
58 52.2 42.2 63.2
57 17.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.321 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 95 Resp: 62074
Ion Ratio Lower Upper
95 100
174 75.1 62.9 94.3
176 72.8 61.0 91.4

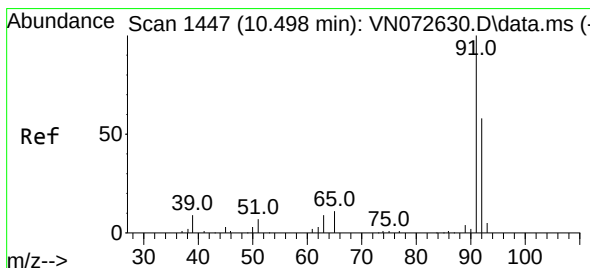
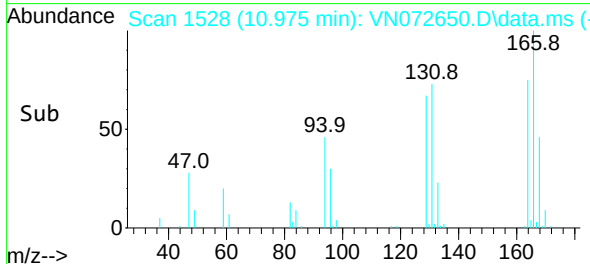
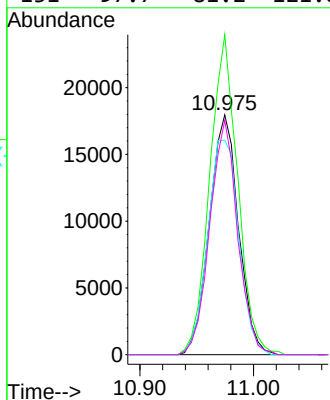
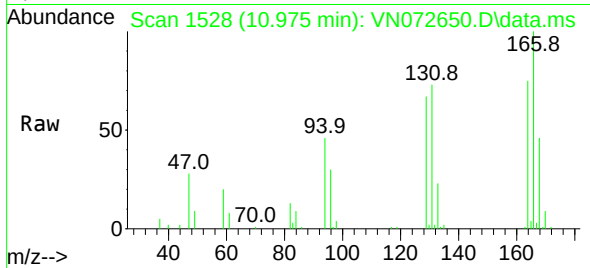




#61
Tetrachloroethene
Concen: 20.106 ug/l
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

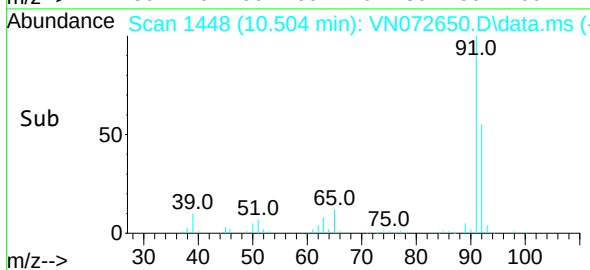
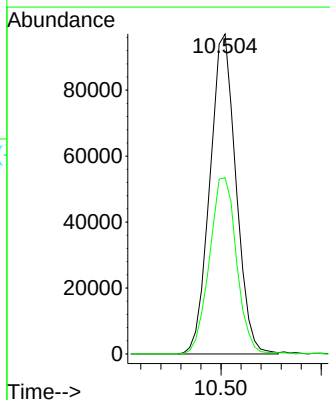
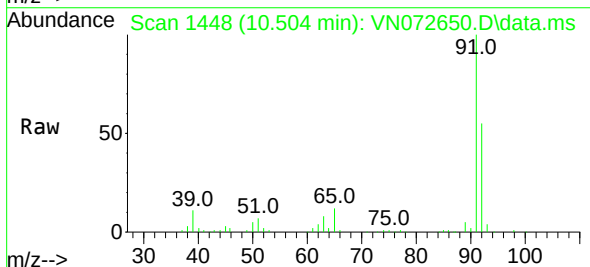
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

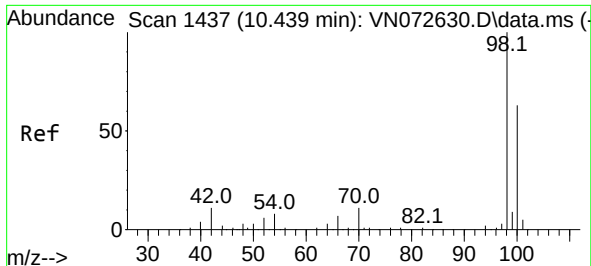
Tgt Ion:164 Resp: 32077
Ion Ratio Lower Upper
164 100
166 133.5 105.8 158.8
129 89.4 82.5 123.7
131 97.7 81.2 121.8



#62
Toluene
Concen: 20.689 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 91 Resp: 175084
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0

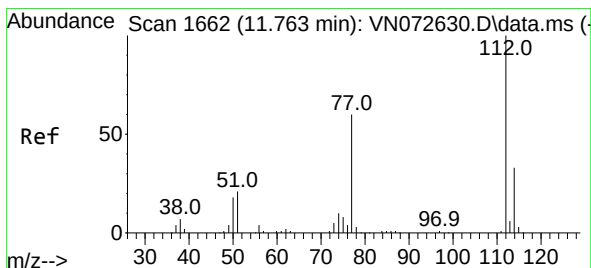
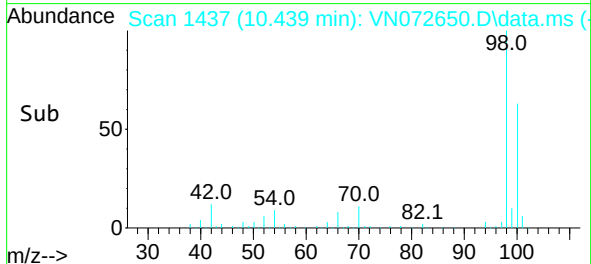
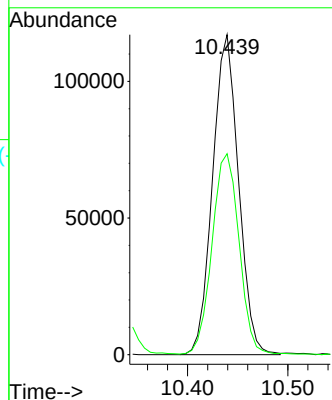
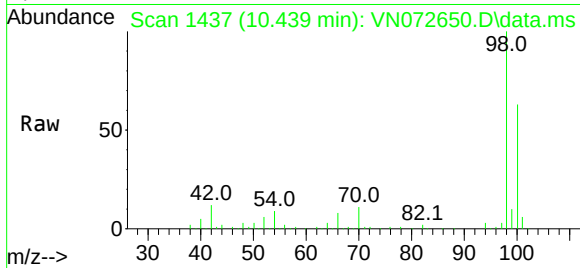




#63
Toluene-d8
Concen: 30.625 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

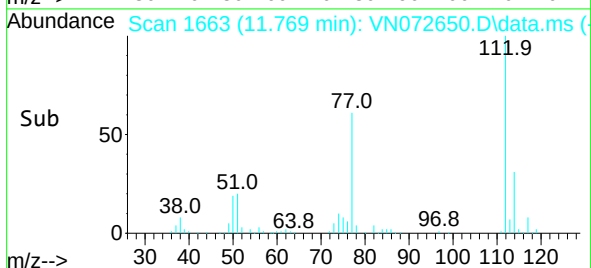
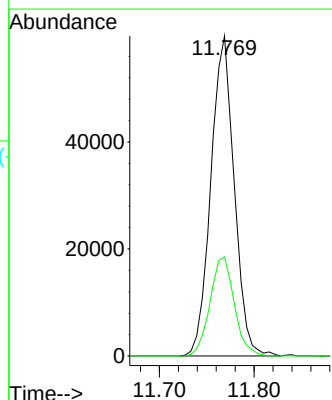
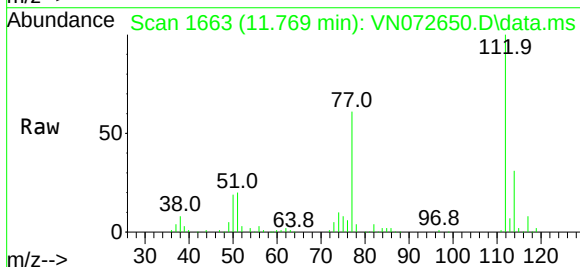
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

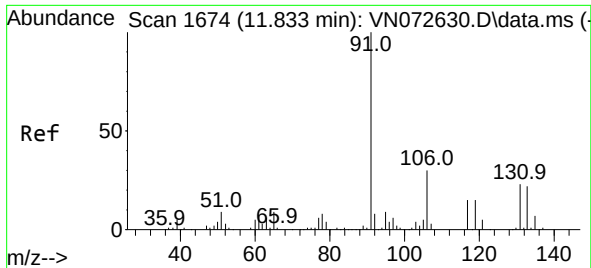
Tgt Ion: 98 Resp: 209910
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0



#64
Chlorobenzene
Concen: 20.860 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion:112 Resp: 102577
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6

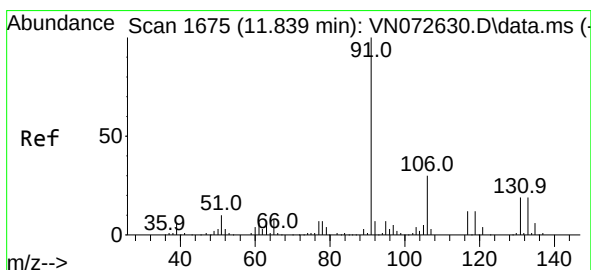
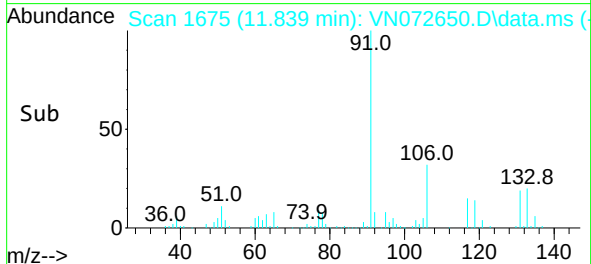
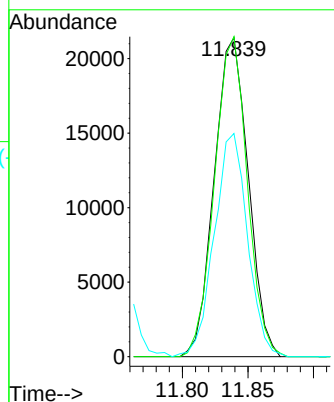
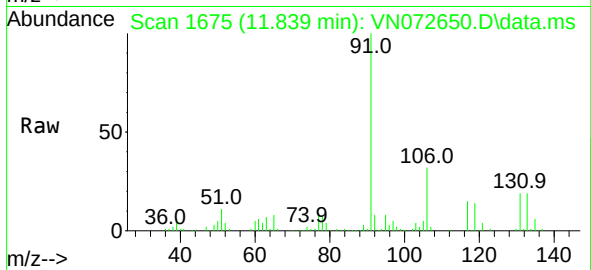




#65
1,1,1,2-Tetrachloroethane
Concen: 19.940 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

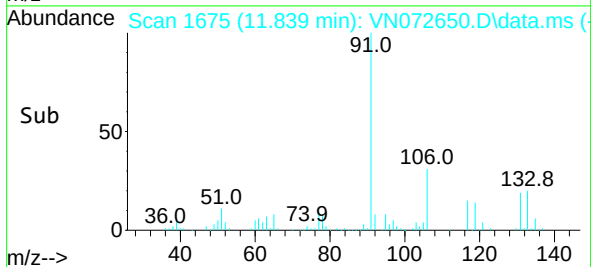
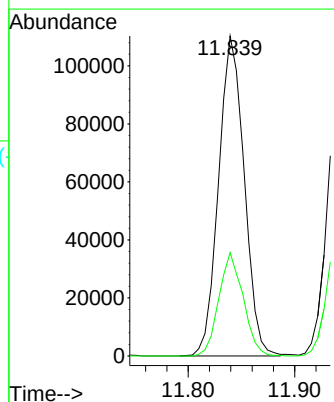
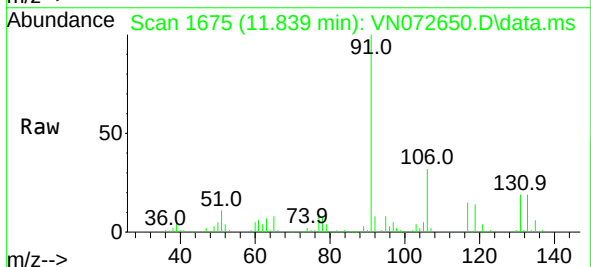
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

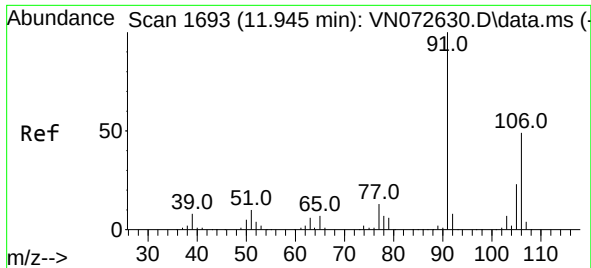
Tgt Ion:131 Resp: 38612
Ion Ratio Lower Upper
131 100
133 96.6 0.0 191.2
119 68.3 0.0 128.8



#66
Ethyl Benzene
Concen: 19.731 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 91 Resp: 184191
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0

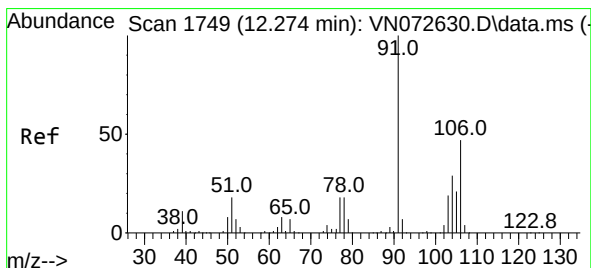
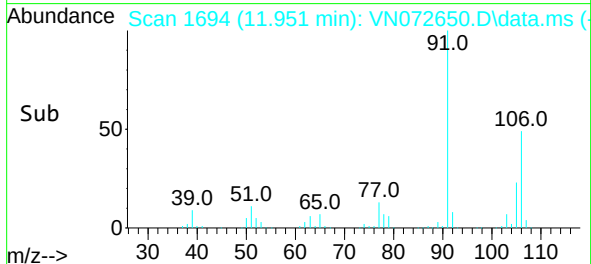
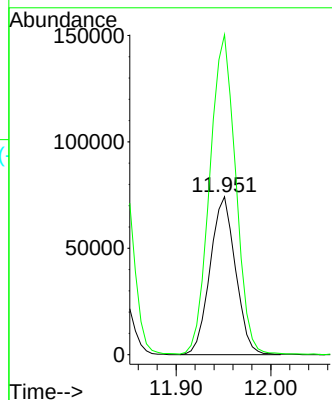
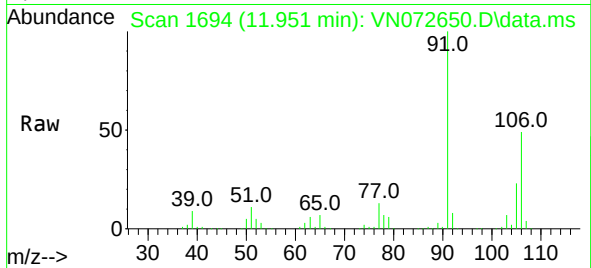




#67
m/p-Xylenes
Concen: 40.762 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

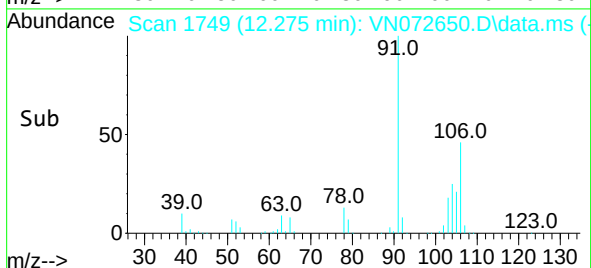
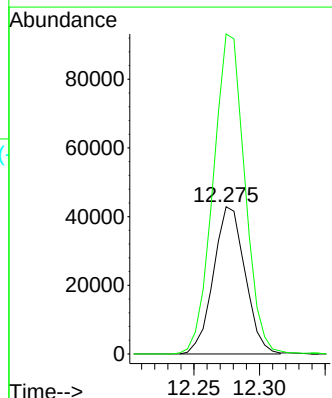
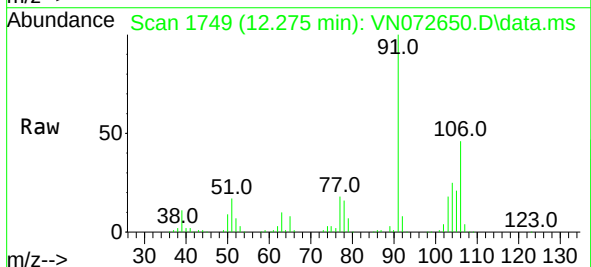
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

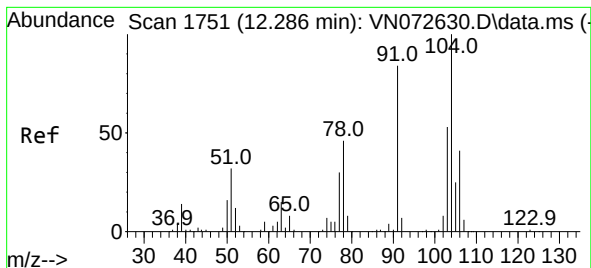
Tgt Ion:106 Resp: 138304
Ion Ratio Lower Upper
106 100
91 206.5 162.9 244.3



#68
o-Xylene
Concen: 21.289 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion:106 Resp: 71865
Ion Ratio Lower Upper
106 100
91 217.6 107.7 323.1





#69

Styrene

Concen: 21.546 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

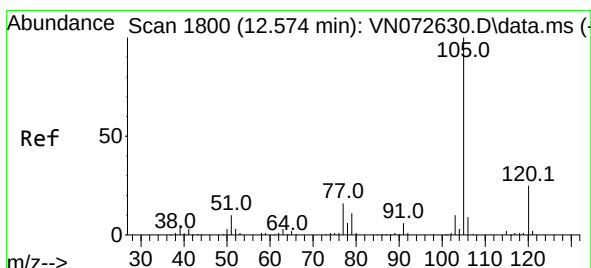
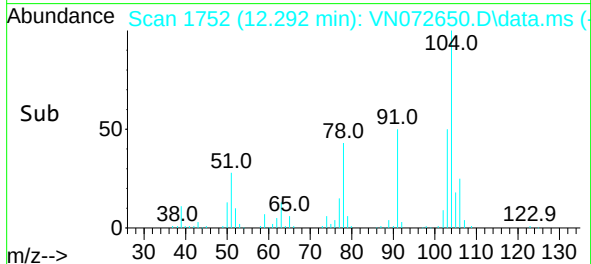
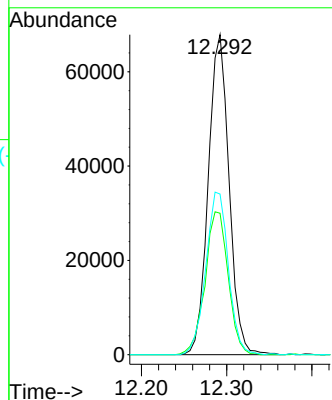
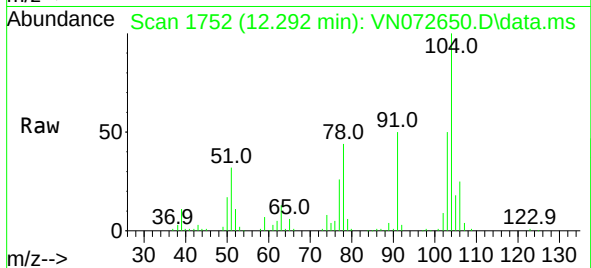
Tgt Ion:104 Resp: 115237

Ion Ratio Lower Upper

104 100

78 49.6 40.7 61.1

103 55.2 45.8 68.8



#70

Isopropylbenzene

Concen: 20.176 ug/l

RT: 12.575 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072650.D

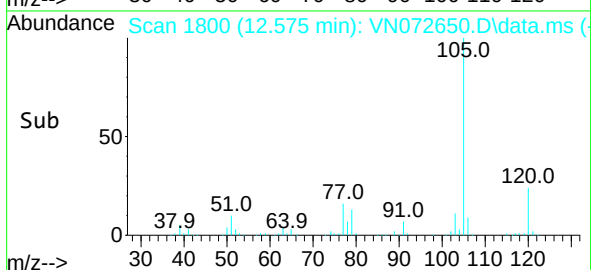
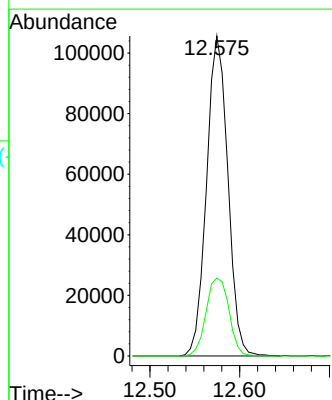
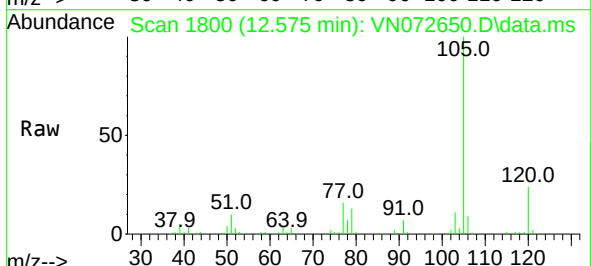
Acq: 31 May 2022 13:29

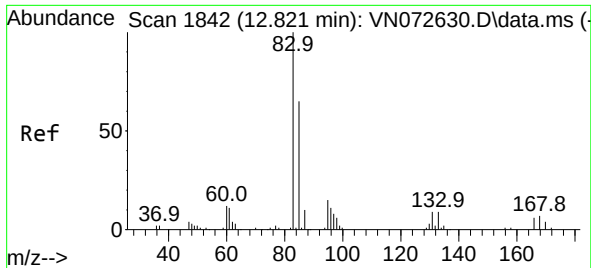
Tgt Ion:105 Resp: 174014

Ion Ratio Lower Upper

105 100

120 26.2 18.3 34.1

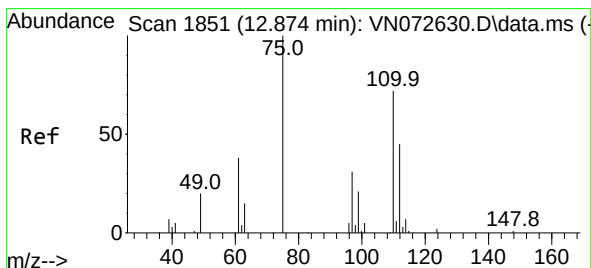
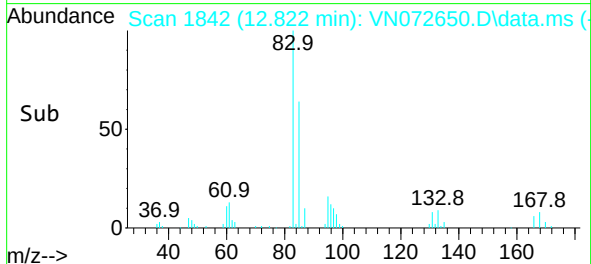
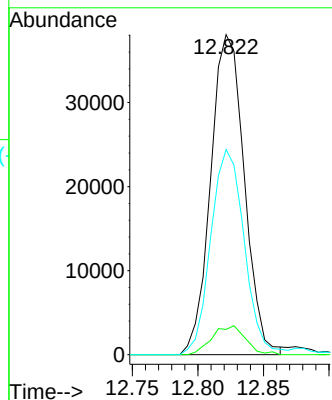
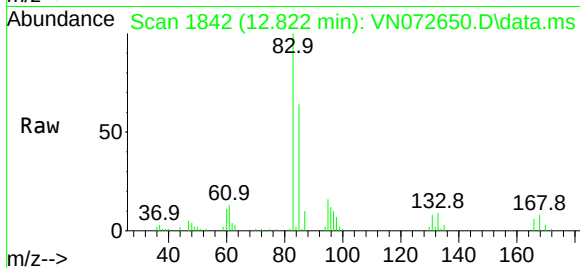




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.971 ug/l
 RT: 12.822 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

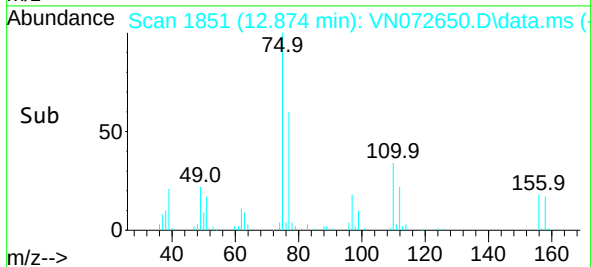
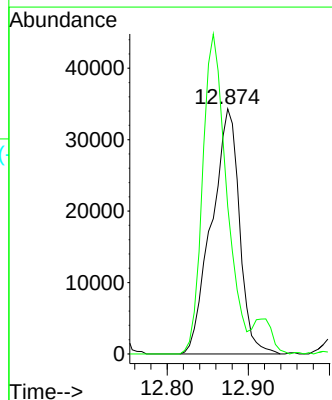
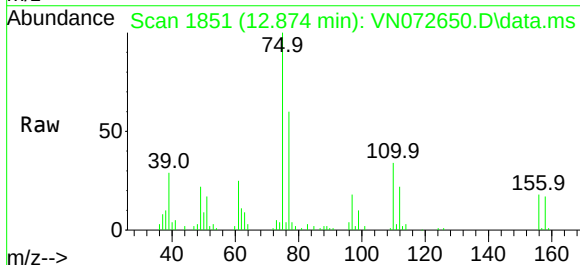
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

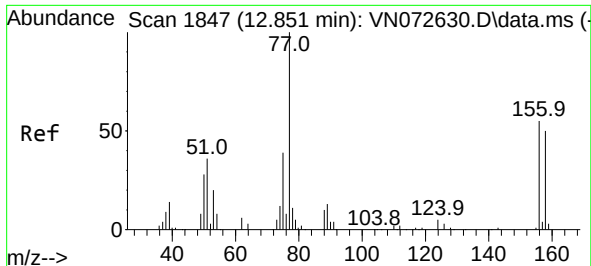
Tgt Ion: 83 Resp: 68017
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.1 15.3
 85 63.7 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 32.810 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

Tgt Ion: 75 Resp: 81978
 Ion Ratio Lower Upper
 75 100
 77 111.6 0.0 378.0

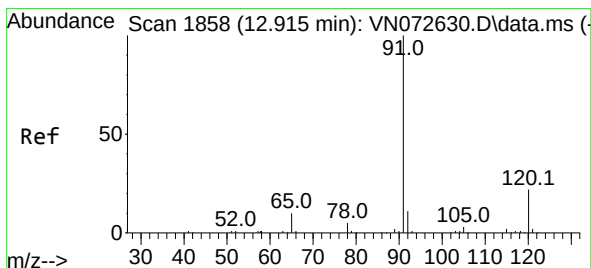
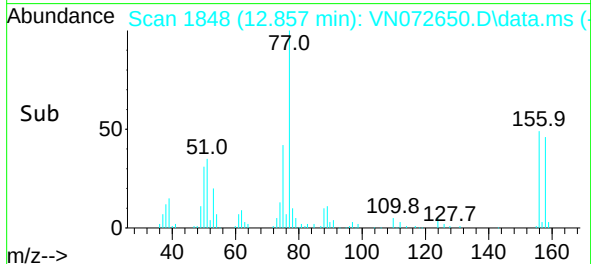
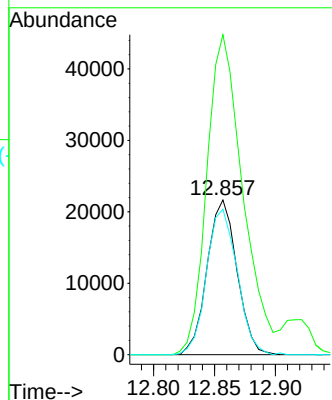
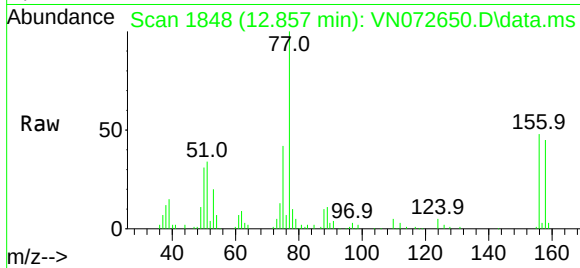




#73
Bromobenzene
Concen: 19.539 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

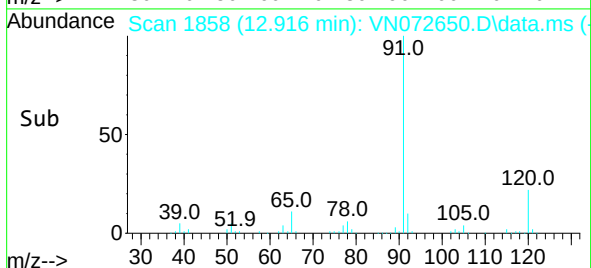
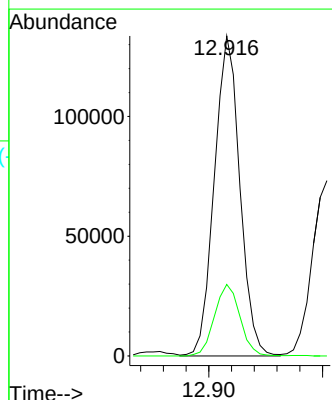
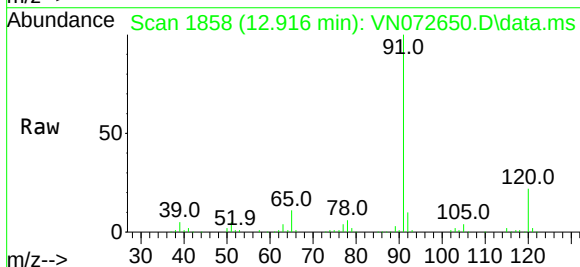
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

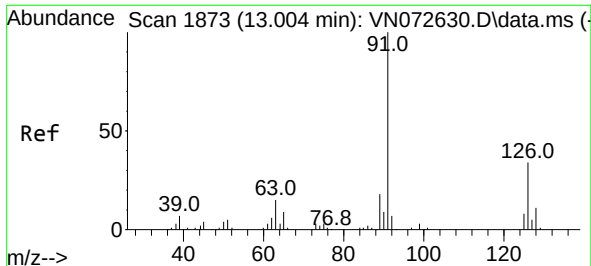
Tgt Ion:156 Resp: 37019
Ion Ratio Lower Upper
156 100
77 247.2 0.0 416.0
158 96.8 0.0 195.4



#74
n-propylbenzene
Concen: 21.383 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 91 Resp: 208530
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.0

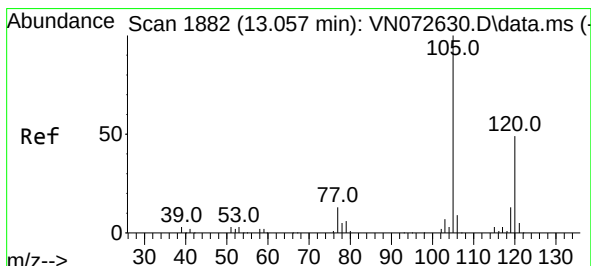
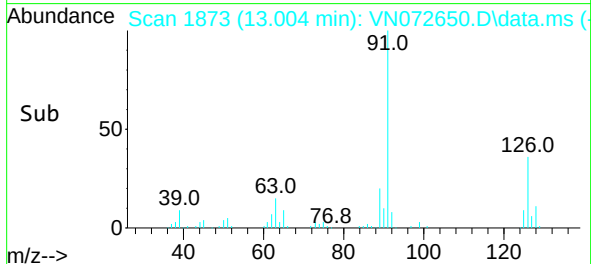
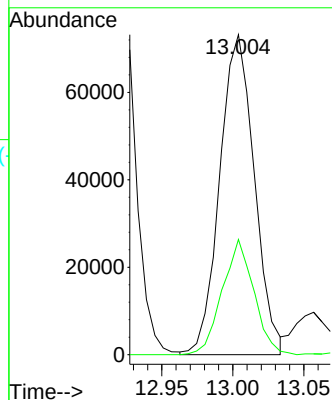
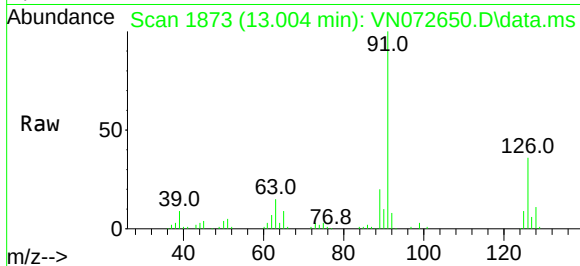




#75
2-Chlorotoluene
Concen: 20.990 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

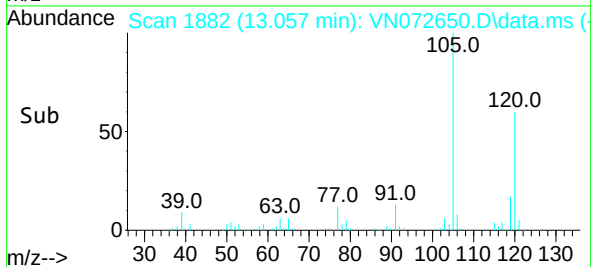
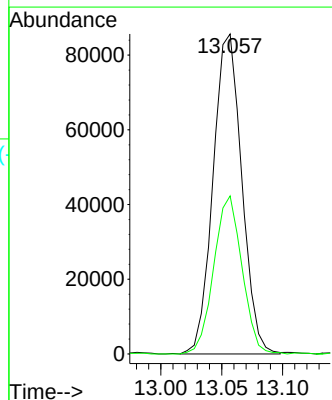
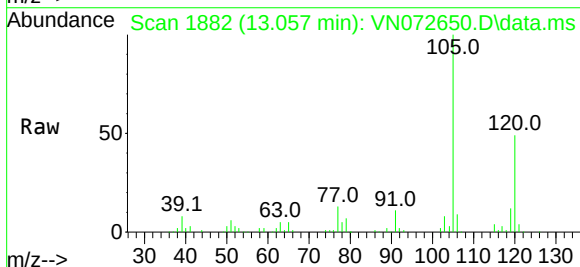
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

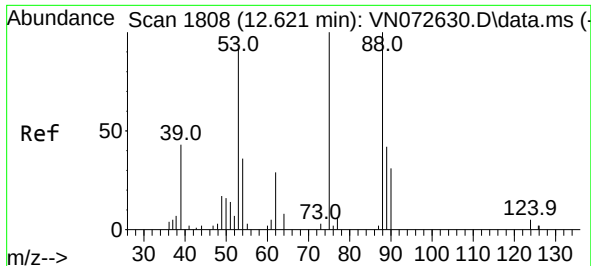
Tgt Ion: 91 Resp: 124156
Ion Ratio Lower Upper
91 100
126 32.9 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 20.623 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 105 Resp: 140367
Ion Ratio Lower Upper
105 100
120 48.5 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 21.095 ug/l

RT: 12.622 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

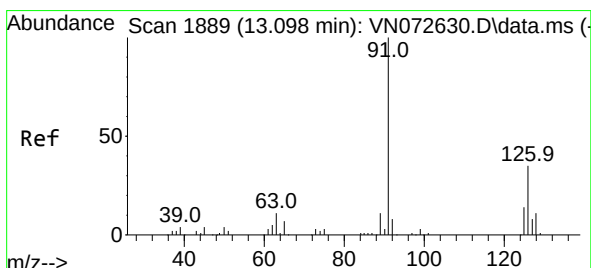
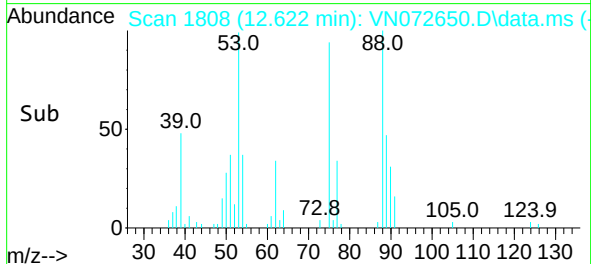
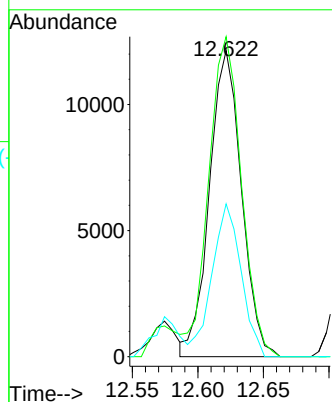
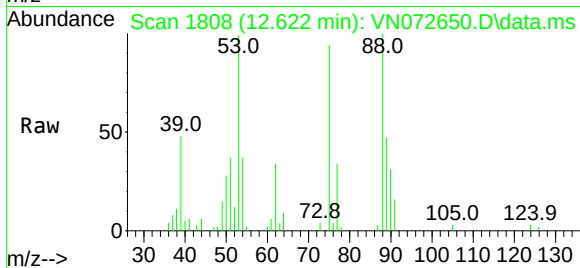
Tgt Ion: 75 Resp: 20597

Ion Ratio Lower Upper

75 100

53 104.6 51.8 155.5

89 50.0 22.9 68.7



#78

4-Chlorotoluene

Concen: 22.169 ug/l

RT: 13.104 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN072650.D

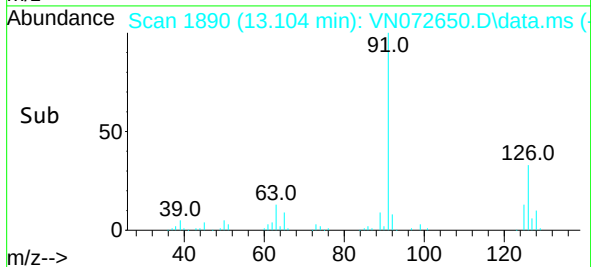
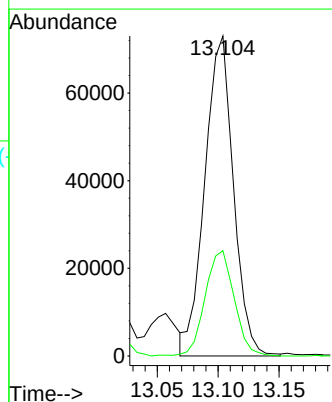
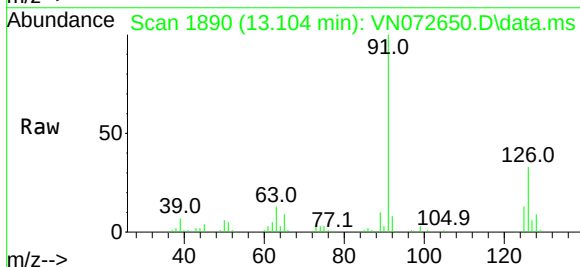
Acq: 31 May 2022 13:29

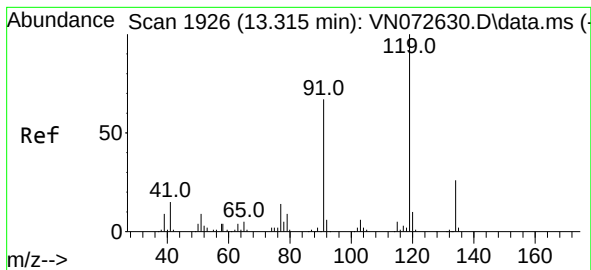
Tgt Ion: 91 Resp: 119385

Ion Ratio Lower Upper

91 100

126 33.3 0.0 70.6





#79

tert-butylbenzene

Concen: 20.371 ug/l

RT: 13.322 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

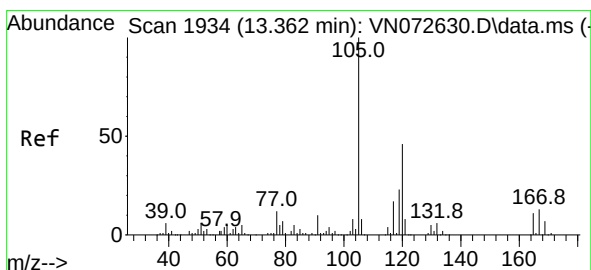
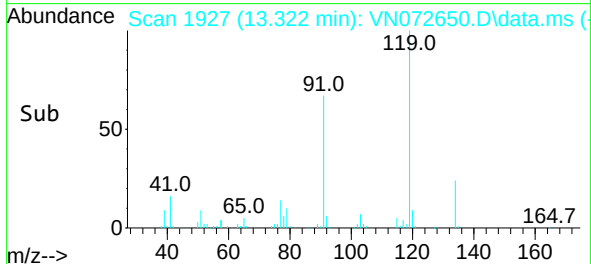
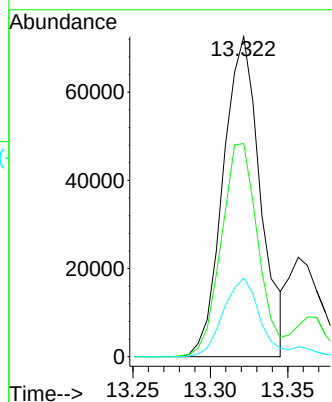
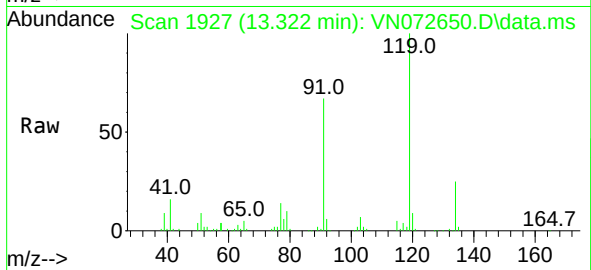
Tgt Ion:119 Resp: 121332

Ion Ratio Lower Upper

119 100

91 65.4 0.0 137.0

134 24.0 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 25.798 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.136 min

Lab File: VN072650.D

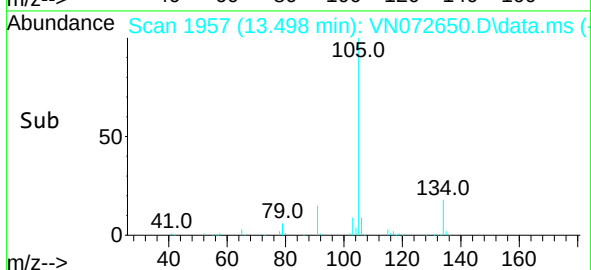
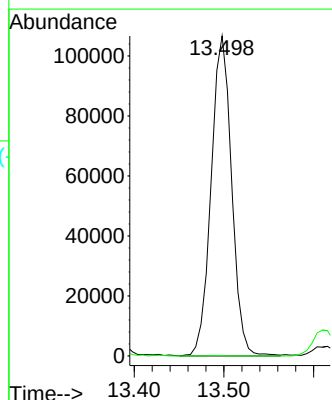
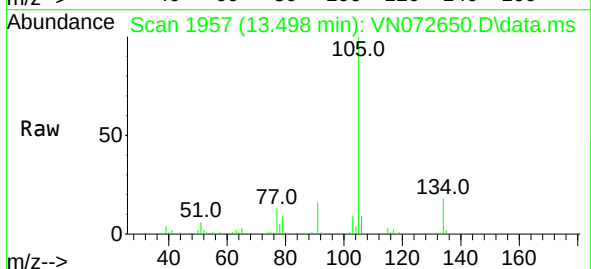
Acq: 31 May 2022 13:29

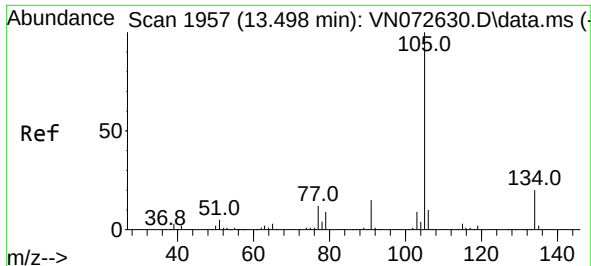
Tgt Ion:105 Resp: 169462

Ion Ratio Lower Upper

105 100

120 0.1 0.0 0.2

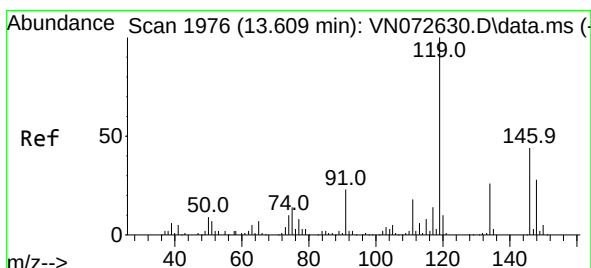
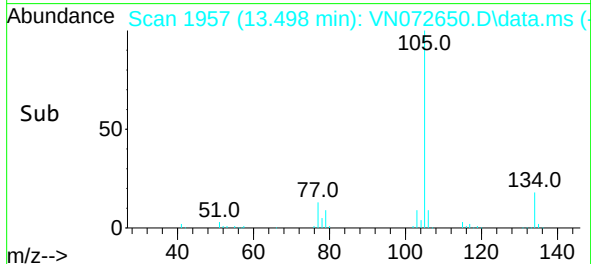
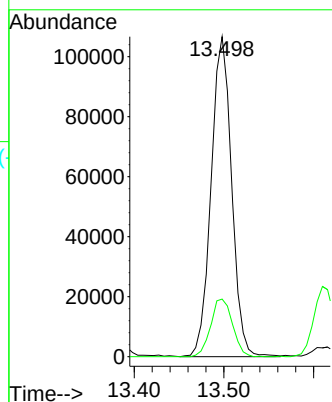
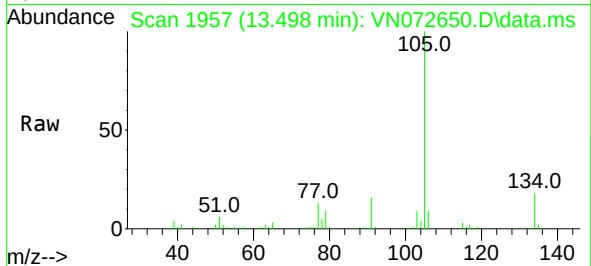




#81
 sec-Butylbenzene
 Concen: 19.666 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

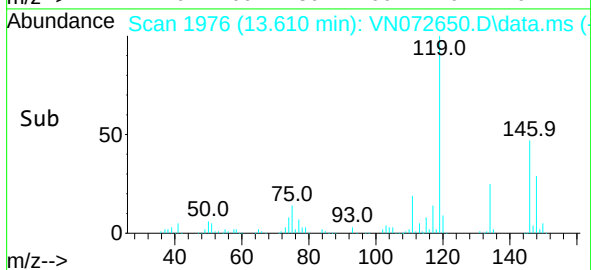
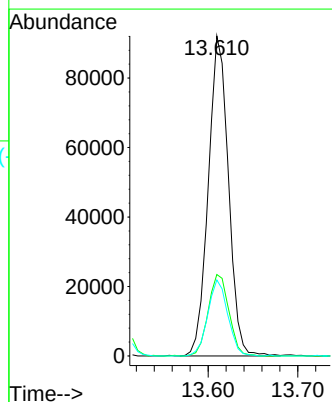
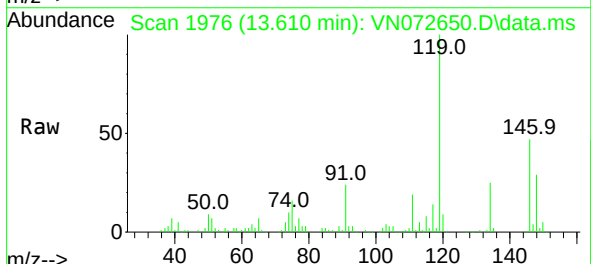
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

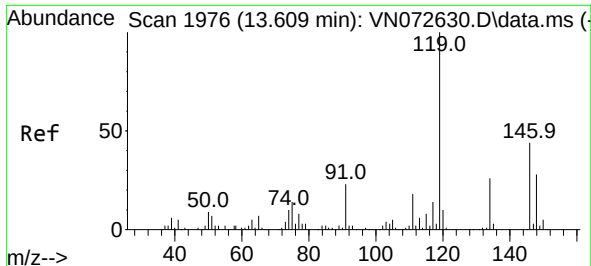
Tgt Ion:105 Resp: 169462
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 21.522 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

Tgt Ion:119 Resp: 143765
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 23.5 0.0 50.4

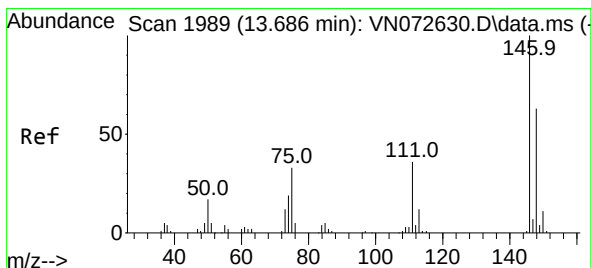
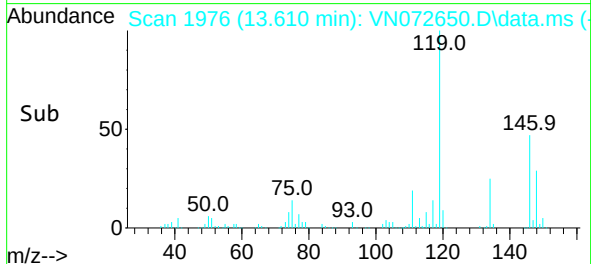
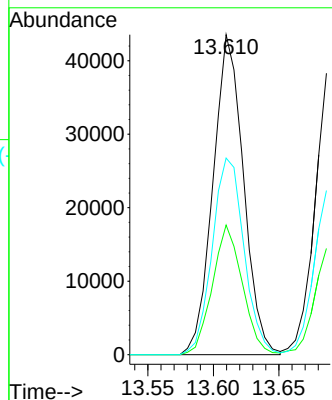
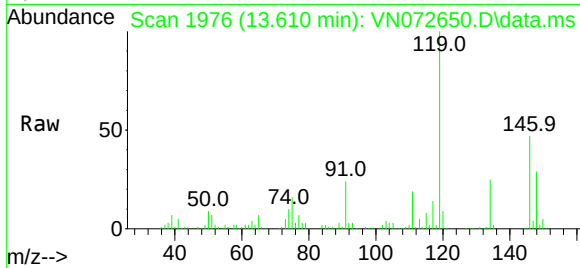




#83
 1,3-Dichlorobenzene
 Concen: 21.393 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

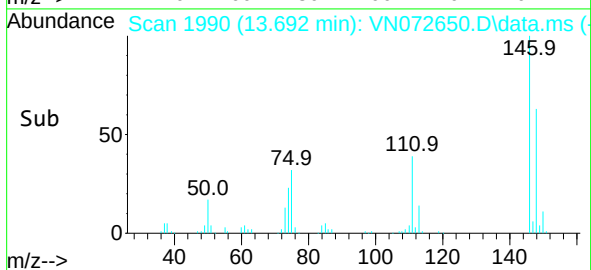
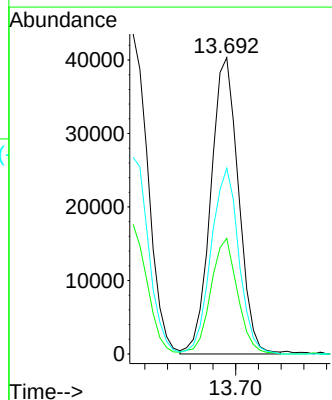
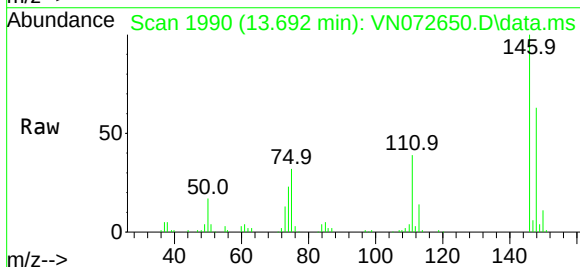
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

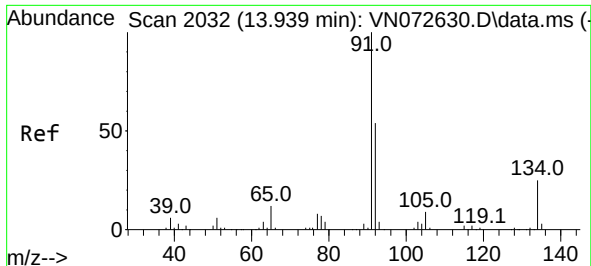
Tgt Ion:146 Resp: 70347
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.8 62.2
 148 64.3 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 21.436 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.006 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

Tgt Ion:146 Resp: 68478
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.5 58.5
 148 62.7 31.1 93.5

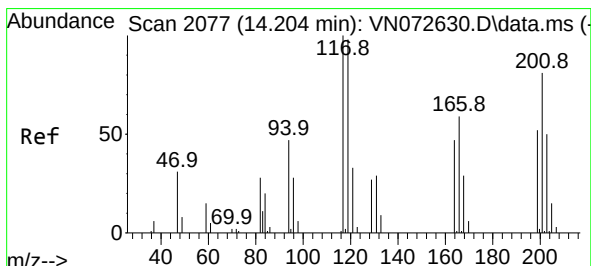
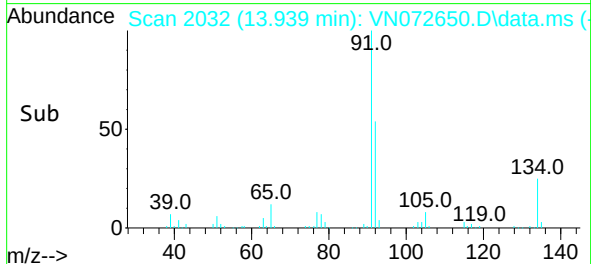
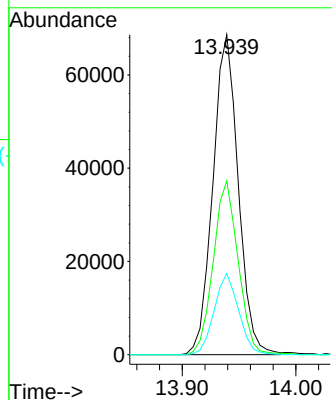
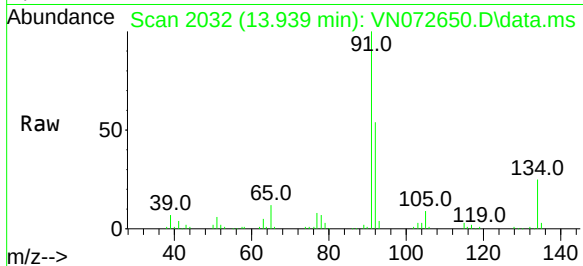




#85
n-Butylbenzene
Concen: 19.367 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

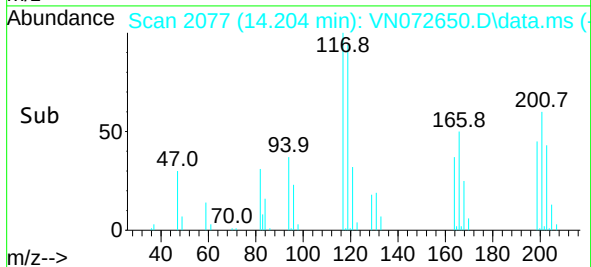
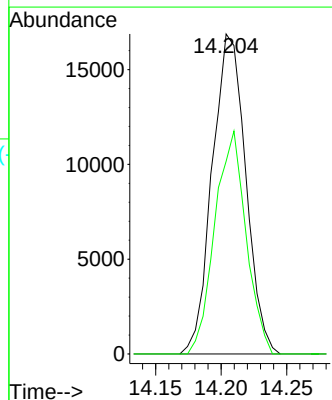
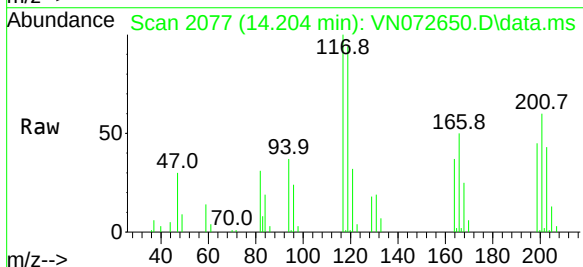
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

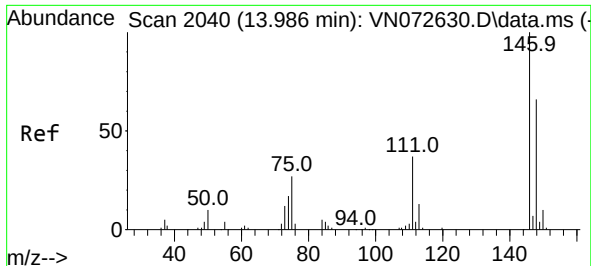
Tgt Ion: 91 Resp: 106311
Ion Ratio Lower Upper
91 100
92 53.4 0.0 100.6
134 24.4 0.0 50.2



#86
Hexachloroethane
Concen: 22.548 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072650.D
Acq: 31 May 2022 13:29

Tgt Ion: 117 Resp: 29998
Ion Ratio Lower Upper
117 100
201 64.8 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.621 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

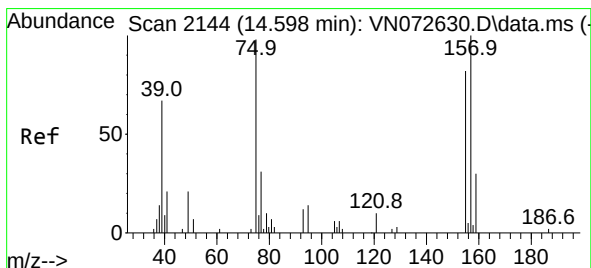
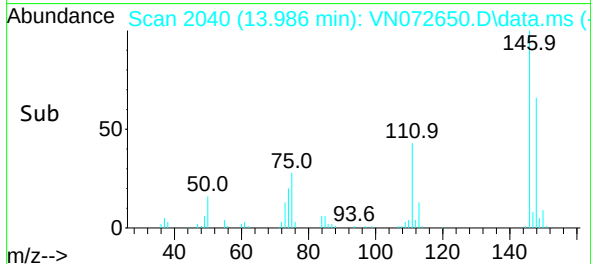
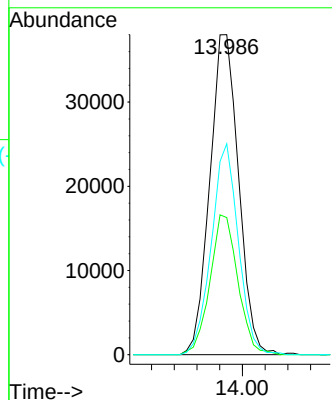
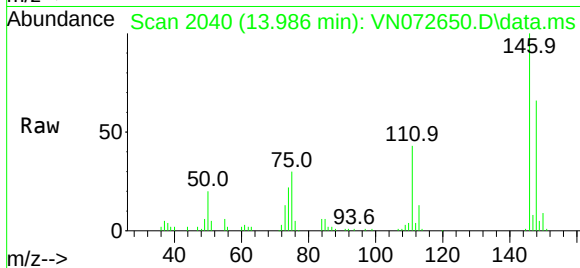
Tgt Ion:146 Resp: 66973

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

148 61.7 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.957 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

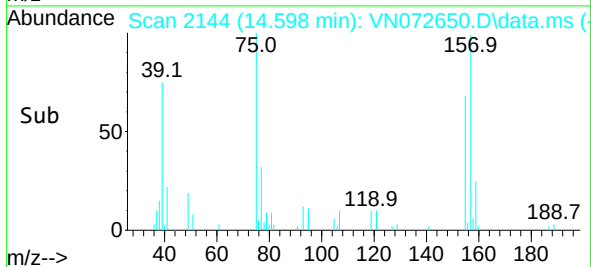
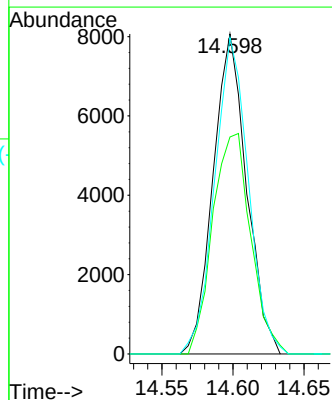
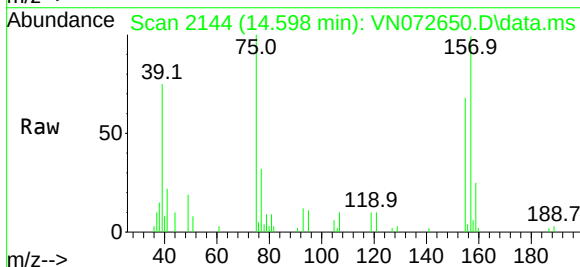
Tgt Ion: 75 Resp: 13206

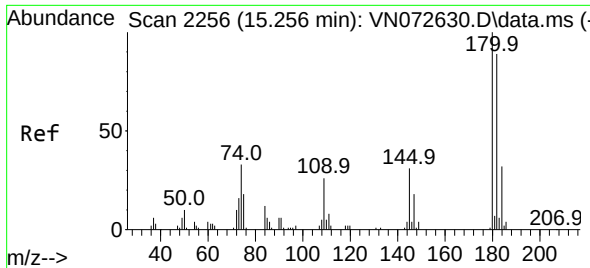
Ion Ratio Lower Upper

75 100

155 78.3 63.8 95.8

157 99.1 77.9 116.9

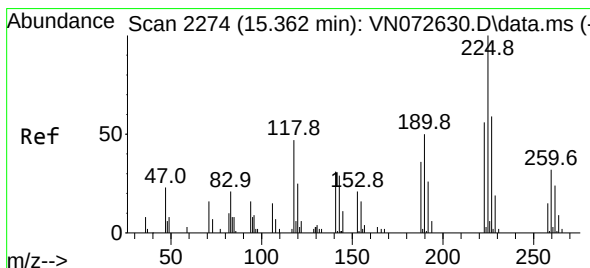
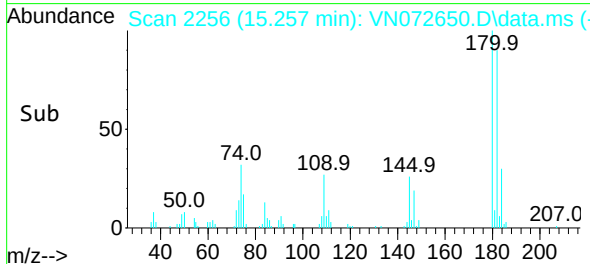
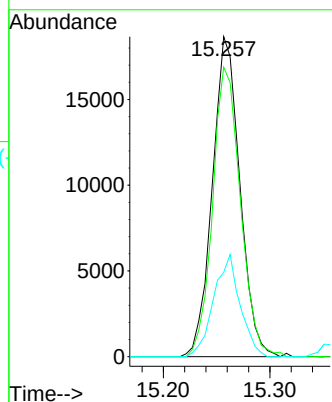
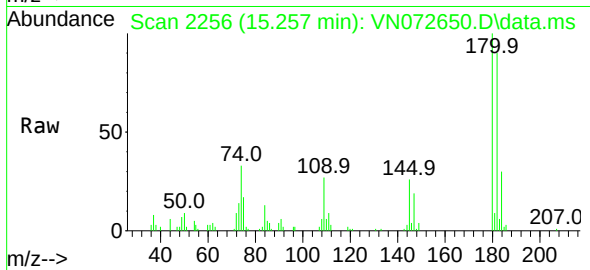




#89
 1,2,4-Trichlorobenzene
 Concen: 20.875 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

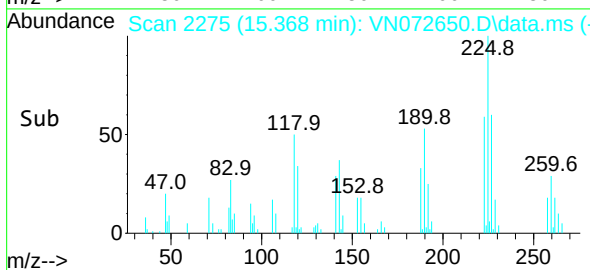
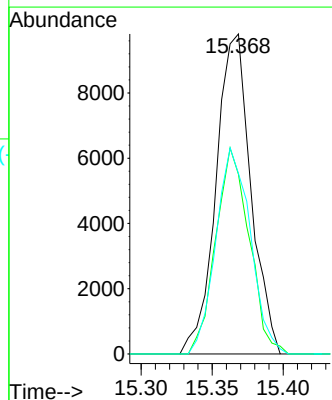
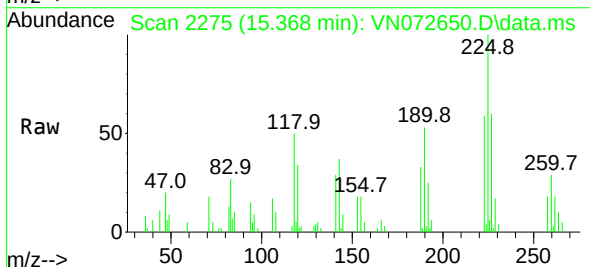
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

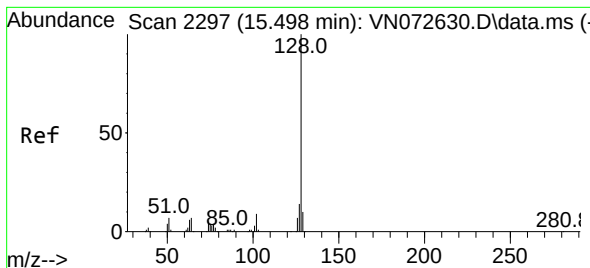
Tgt Ion:180 Resp: 33451
 Ion Ratio Lower Upper
 180 100
 182 91.5 77.7 116.5
 145 30.6 26.6 39.8



#90
 Hexachlorobutadiene
 Concen: 20.859 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN072650.D
 Acq: 31 May 2022 13:29

Tgt Ion:225 Resp: 16763
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 126.8
 227 63.7 0.0 123.0





#91

Naphthalene

Concen: 20.573 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

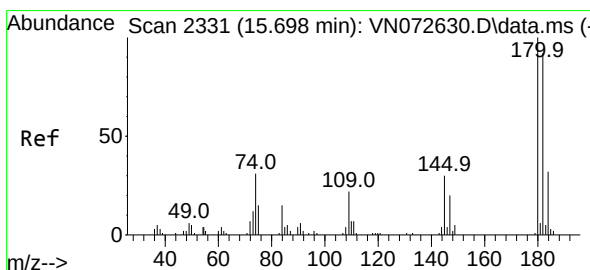
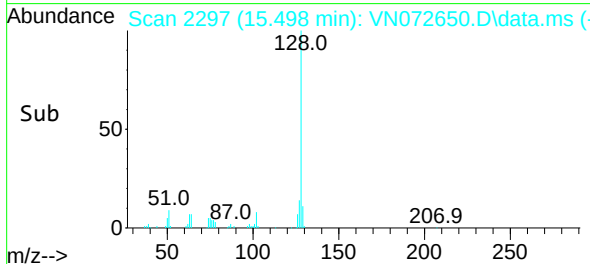
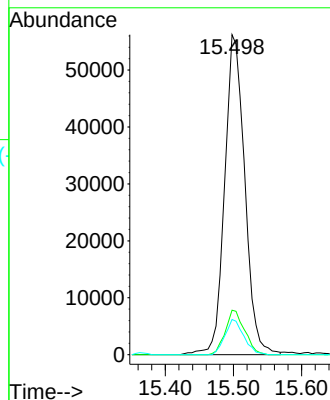
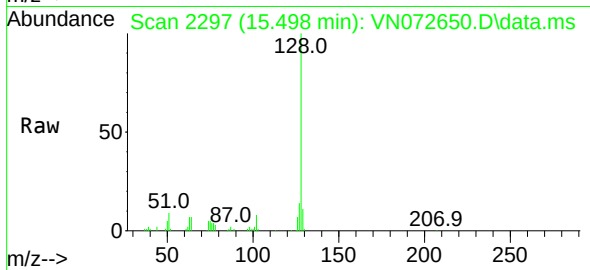
Tgt Ion:128 Resp: 115688

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.2 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 19.745 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072650.D

Acq: 31 May 2022 13:29

Tgt Ion:180 Resp: 32302

Ion Ratio Lower Upper

180 100

182 93.3 0.0 190.0

145 32.2 0.0 67.8

