

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072002.D
 Acq On : 15 Apr 2022 14:46
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 15 23:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	112508	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	599741	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	553333	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	216727	27.341	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.133%
60) 4-Bromofluorobenzene	12.727	95	245713	29.948	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.833%
63) Toluene-d8	10.439	98	755683	30.085	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	162082	23.145	ug/l	98
3) Chloromethane	2.299	50	164112	19.884	ug/l	98
4) Vinyl Chloride	2.440	62	169413	17.898	ug/l	98
5) Bromomethane	2.846	94	105628	18.938	ug/l	98
6) Chloroethane	3.010	64	103054	17.002	ug/l	99
7) Trichlorofluoromethane	3.375	101	225054	20.393	ug/l	97
8) Diethyl Ether	3.822	74	85780	18.499	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	135390	20.485	ug/l #	63
10) 1,1-Dichloroethene	4.181	96	126018	19.333	ug/l	92
11) Methyl Iodide	4.422	142	172893	18.101	ug/l	89
12) Methyl Acetate	4.851	43	171199	18.637	ug/l	99
13) Acrolein	4.040	56	54763	56.037	ug/l	98
14) Acrylonitrile	5.545	53	417518	100.356	ug/l	97
15) Acetone	4.281	58	101932	85.136	ug/l	81
16) Carbon Disulfide	4.534	76	337380	19.880	ug/l	98
17) Allyl chloride	4.840	41	184744	17.475	ug/l	84
18) Methylene Chloride	5.093	84	160210	20.489	ug/l	90
19) trans-1,2-Dichloroethene	5.598	96	149099	21.387	ug/l	99
20) Diisopropyl ether	6.487	45	438720	19.833	ug/l	94
21) 1,1-Dichloroethane	6.381	63	272591	20.411	ug/l	95
22) cis-1,2-Dichloroethene	7.316	96	176470	20.835	ug/l	93
23) tert-Butyl Alcohol	5.357	59	116808	78.683	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	460027	19.556	ug/l #	88
25) Chloroform	7.816	83	277122	20.632	ug/l	98
26) Cyclohexane	8.092	56	234455	20.310	ug/l #	96
29) 1,1-Dichloropropene	8.216	75	206614	21.284	ug/l	99
30) 2-Butanone	7.328	43	508382	94.083	ug/l	95
31) 2,2-Dichloropropane	7.322	77	214119	19.362	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	236977	20.960	ug/l	99
33) Carbon Tetrachloride	8.198	117	204049	21.321	ug/l	99
34) Benzene	8.457	78	649585	21.538	ug/l	96
35) Methacrylonitrile	7.628	41	95086	18.341	ug/l	90
36) 1,2-Dichloroethane	8.522	62	208347	19.802	ug/l #	93
37) Trichloroethene	9.210	130	168265	21.622	ug/l	96
38) Methylcyclohexane	9.457	83	261879	21.403	ug/l	99
39) 1,2-Dichloropropane	9.486	63	161363	21.385	ug/l	100
40) Dibromomethane	9.575	93	108665	21.276	ug/l	85
41) Bromodichloromethane	9.757	83	215943	21.128	ug/l	98
42) Vinyl Acetate	6.428	43	1793087	96.846	ug/l #	93

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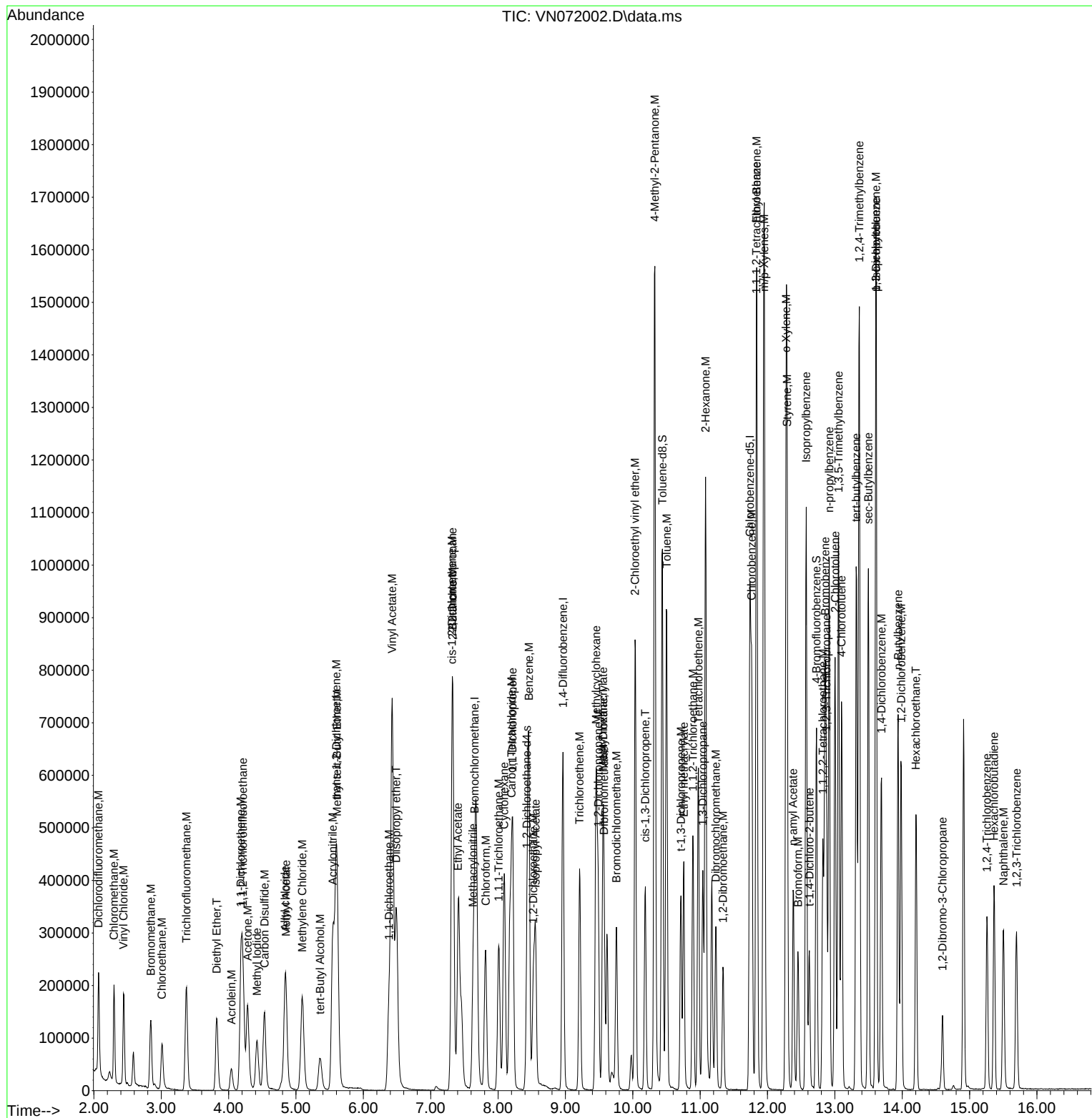
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	209540	19.998	ug/l	98
44) Isopropyl Acetate	8.557	43	308841	18.378	ug/l	92
45) 1,4-Dioxane	9.563	88	64544	380.668	ug/l #	95
46) Methyl methacrylate	9.557	41	132897	18.033	ug/l	74
47) n-amyl Acetate	12.380	43	197223	17.587	ug/l #	87
48) t-1,3-Dichloropropene	10.716	75	222583	20.036	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	253611	20.876	ug/l #	82
50) 1,1,2-Trichloroethane	10.892	97	168266	22.038	ug/l	99
51) Ethyl methacrylate	10.757	69	247254	20.973	ug/l	76
52) 1,3-Dichloropropane	11.039	76	281064	21.555	ug/l	98
53) Dibromochloromethane	11.233	129	175964	22.263	ug/l	99
54) 1,2-Dibromoethane	11.339	107	170177	21.667	ug/l	95
55) 2-Chloroethyl vinyl ether	10.033	63	404446	127.329	ug/l	98
56) Bromoform	12.451	173	132192	21.692	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	1032979	98.343	ug/l #	88
59) 2-Hexanone	11.080	43	725931	94.658	ug/l #	87
61) Tetrachloroethene	10.975	164	157495	23.387	ug/l	87
62) Toluene	10.504	91	737491	21.980	ug/l	97
64) Chlorobenzene	11.763	112	450687	21.777	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	164077	21.611	ug/l	99
66) Ethyl Benzene	11.839	91	778479	21.351	ug/l	97
67) m/p-Xylenes	11.951	106	611124	43.084	ug/l	97
68) o-Xylene	12.274	106	301791	21.406	ug/l	93
69) Styrene	12.292	104	475392	21.425	ug/l	95
70) Isopropylbenzene	12.574	105	749944	21.194	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	243157	21.114	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	282394	28.542	ug/l	56
73) Bromobenzene	12.857	156	180514	20.912	ug/l	94
74) n-propylbenzene	12.916	91	819063	21.208	ug/l	98
75) 2-Chlorotoluene	13.004	91	506211	20.975	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	617501	21.752	ug/l	94
77) t-1,4-Dichloro-2-butene	12.621	75	63352	18.236	ug/l	90
78) 4-Chlorotoluene	13.098	91	471182	20.904	ug/l	99
79) tert-butylbenzene	13.316	119	541431	21.135	ug/l	92
80) 1,2,4-Trimethylbenzene	13.363	105	600532	21.802	ug/l #	80
81) sec-Butylbenzene	13.498	105	722097	20.978	ug/l	98
82) p-Isopropyltoluene	13.610	119	589378	21.074	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	300444	21.270	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	283601	21.035	ug/l	98
85) n-Butylbenzene	13.939	91	405841	19.537	ug/l	95
86) Hexachloroethane	14.204	117	103821	19.879	ug/l	75
87) 1,2-Dichlorobenzene	13.986	146	291567	21.351	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	37436	18.270	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.257	180	127577	20.210	ug/l	95
90) Hexachlorobutadiene	15.362	225	87612	23.422	ug/l	98
91) Naphthalene	15.504	128	312470	19.731	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	124004	20.030	ug/l	98

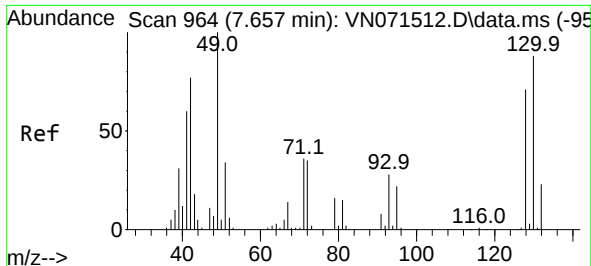
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 ALS Vial : 2 Sample Multiplier: 1

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 VSTDC0020

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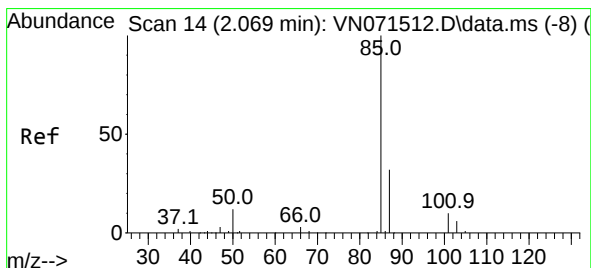
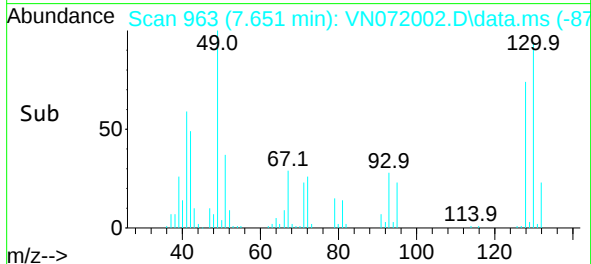
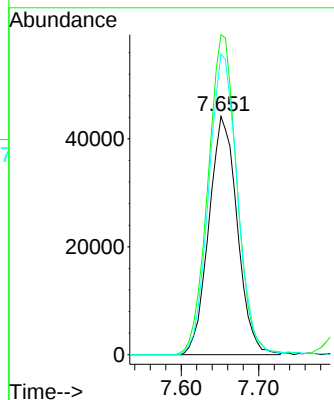
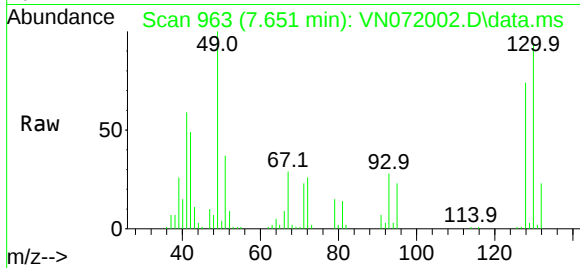




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

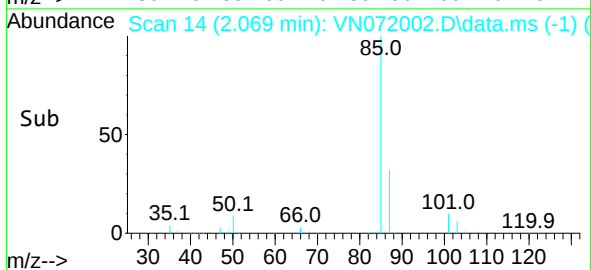
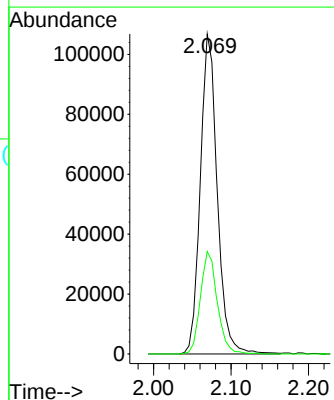
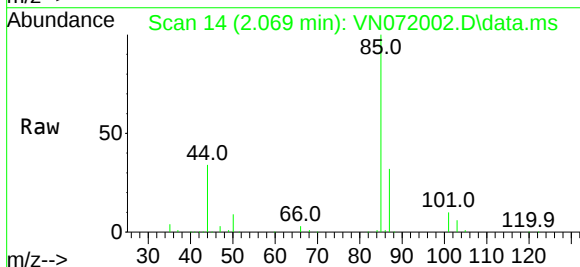
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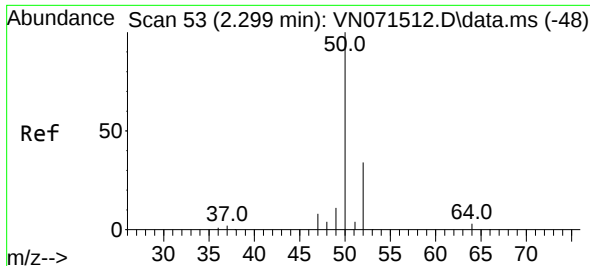
Tgt Ion:128 Resp: 112508
Ion Ratio Lower Upper
128 100
49 136.8 0.0 392.3
130 127.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 23.145 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 85 Resp: 162082
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7

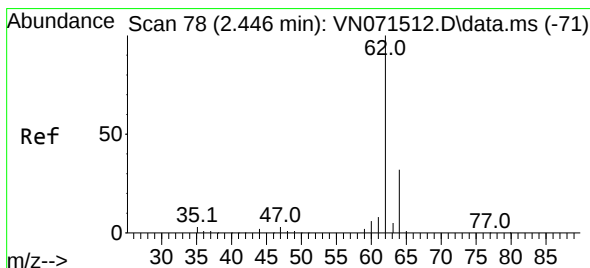
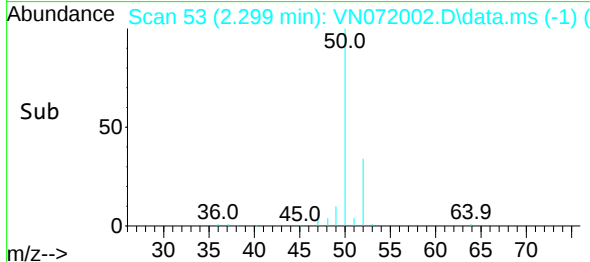
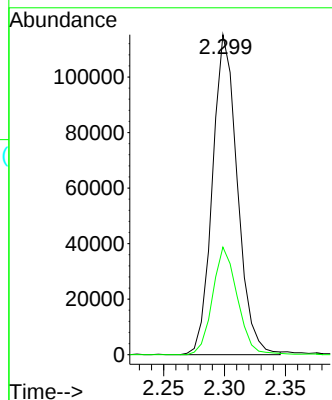
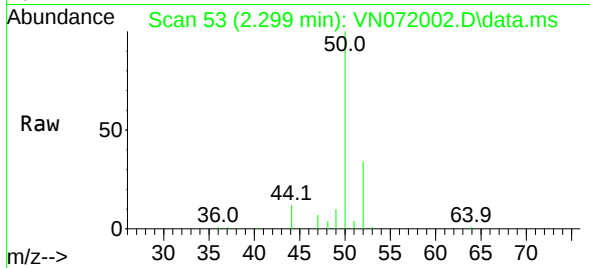




#3
Chloromethane
Concen: 19.884 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

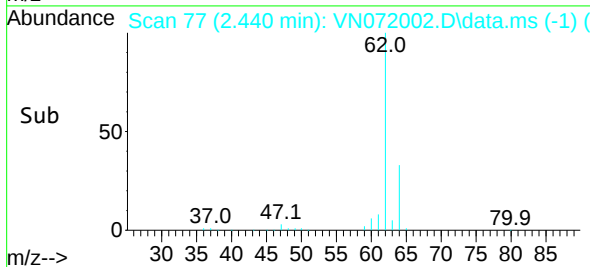
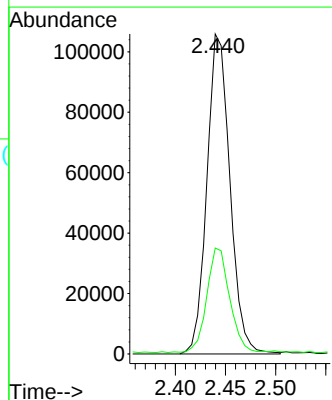
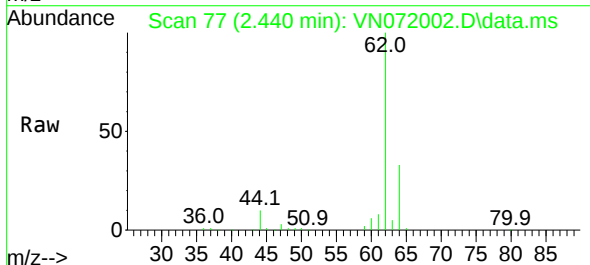
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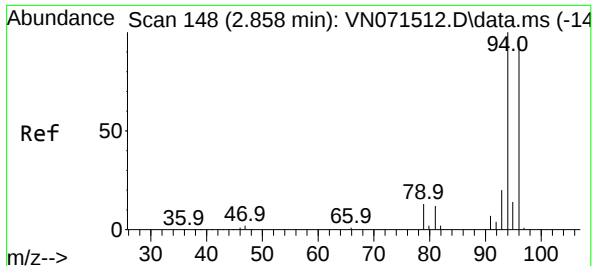
Tgt Ion: 50 Resp: 164112
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.6



#4
Vinyl Chloride
Concen: 17.898 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 62 Resp: 169413
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

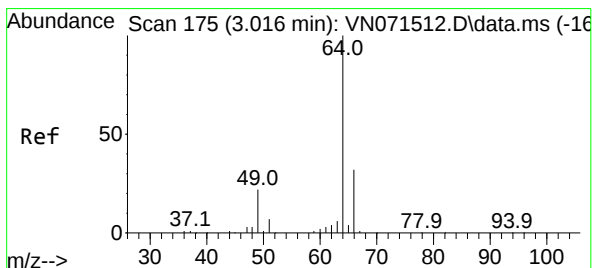
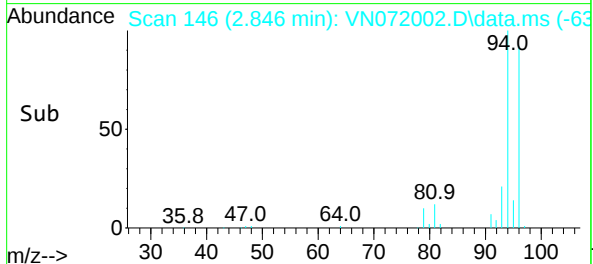
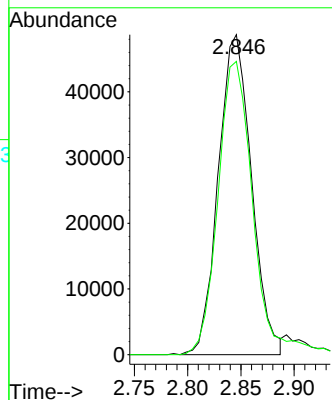
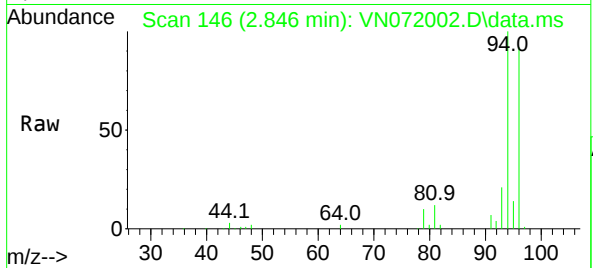




#5
Bromomethane
Concen: 18.938 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

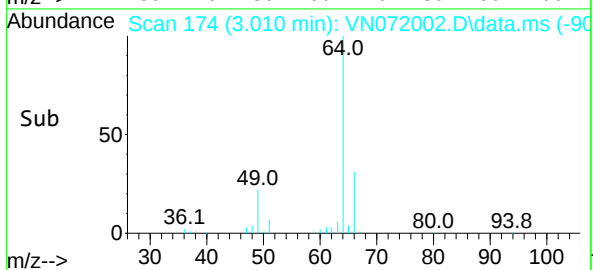
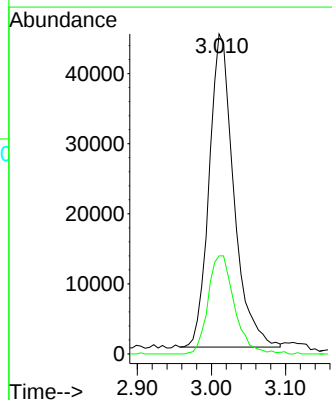
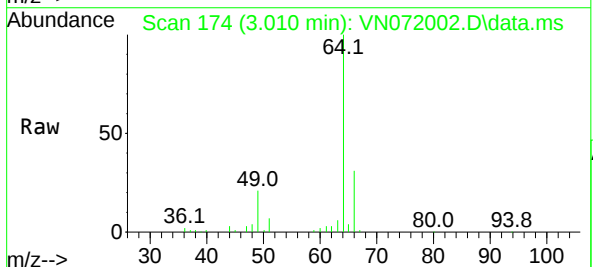
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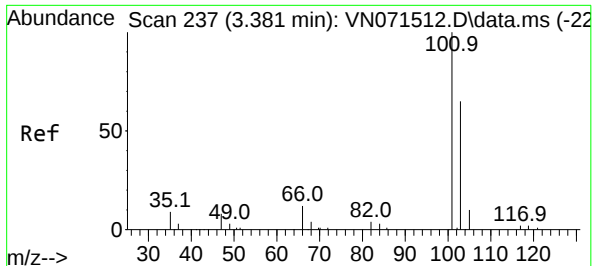
Tgt Ion: 94 Resp: 105628
Ion Ratio Lower Upper
94 100
96 91.6 75.2 112.8



#6
Chloroethane
Concen: 17.002 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 64 Resp: 103054
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8

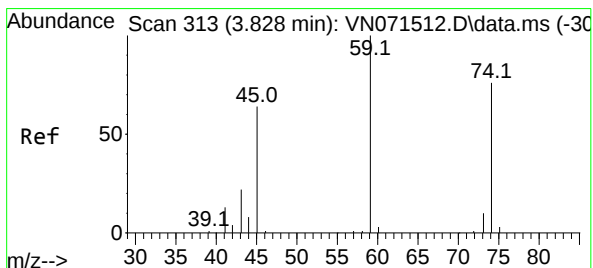
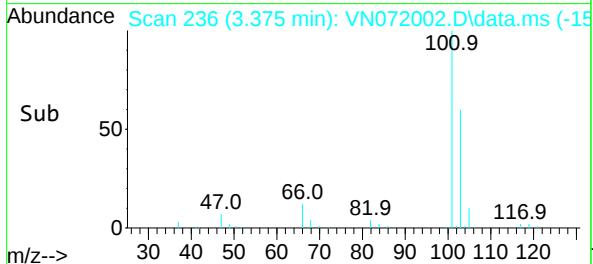
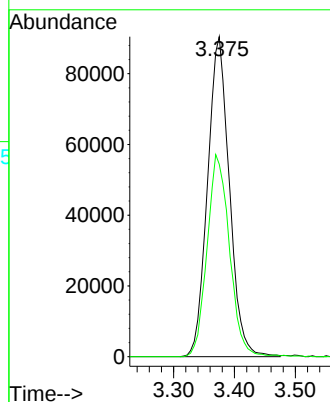
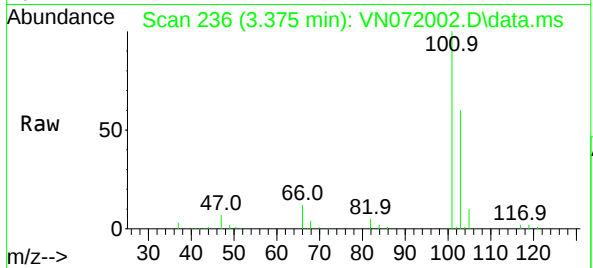




#7
 Trichlorofluoromethane
 Concen: 20.393 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072002.D
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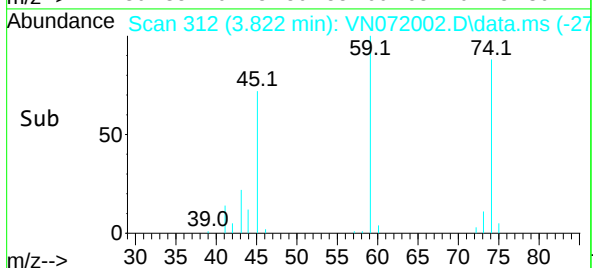
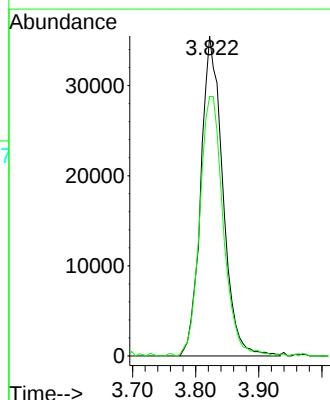
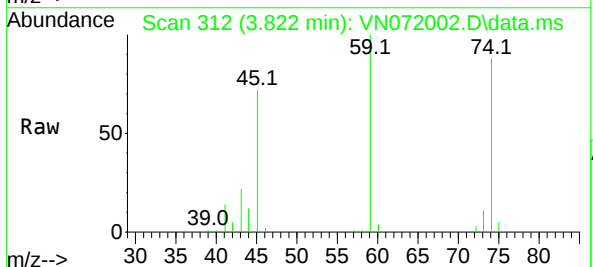
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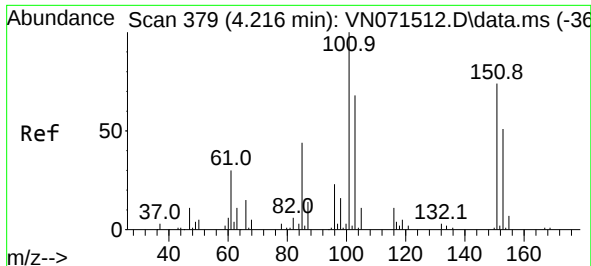
Tgt Ion:101 Resp: 225054
 Ion Ratio Lower Upper
 101 100
 103 60.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.499 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN072002.D
 Acq: 15 Apr 2022 14:46

Tgt Ion: 74 Resp: 85780
 Ion Ratio Lower Upper
 74 100
 45 85.9 17.6 158.8

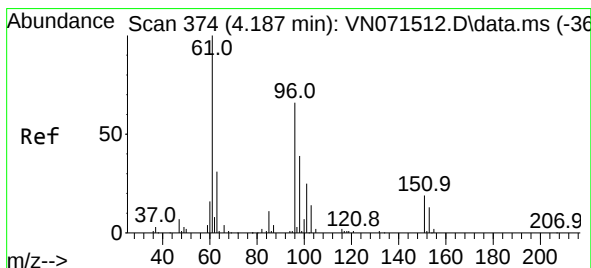
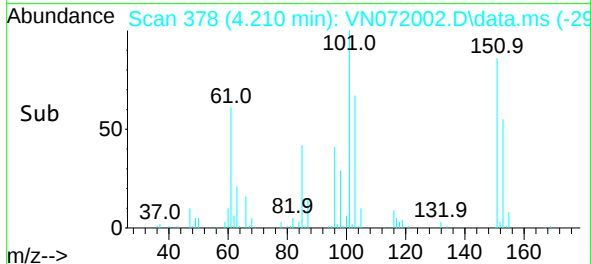
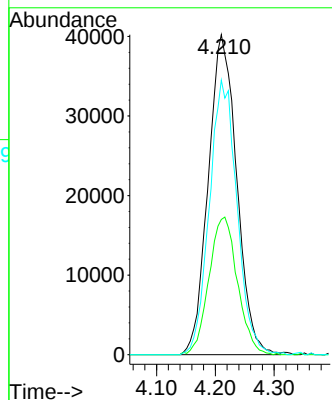
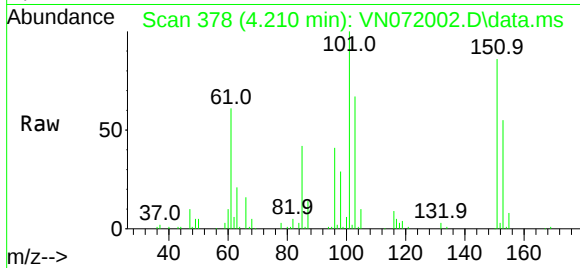




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.485 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
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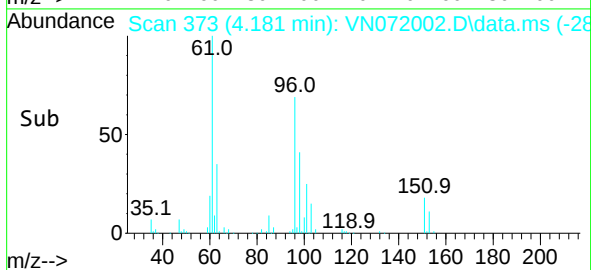
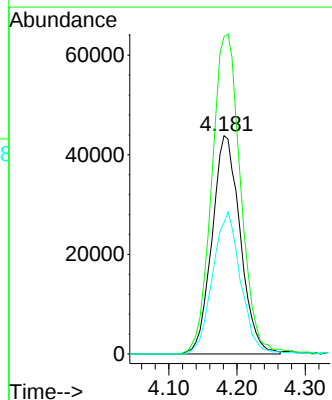
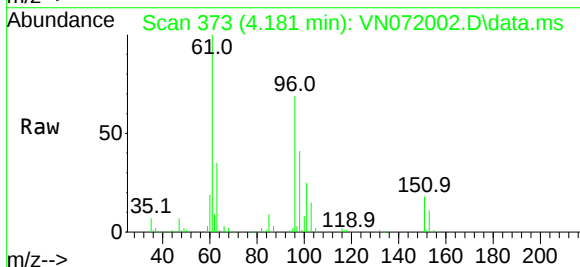
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ClientSampleId :
VSTDCCC020

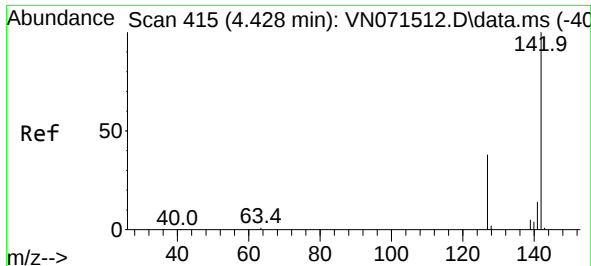
Tgt Ion:101 Resp: 135390
Ion Ratio Lower Upper
101 100
85 42.9 0.0 94.0
151 83.2 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 19.333 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 96 Resp: 126018
Ion Ratio Lower Upper
96 100
61 145.4 126.2 189.4
98 60.1 50.9 76.3

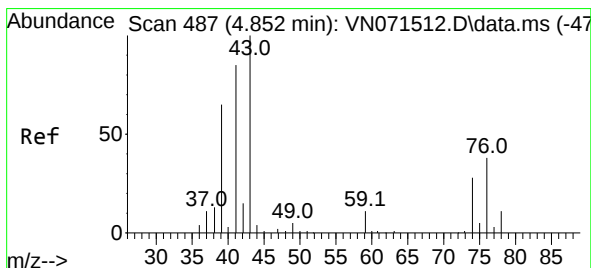
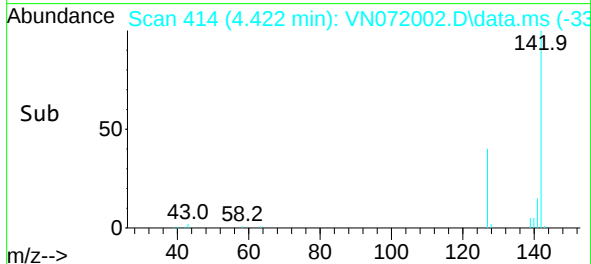
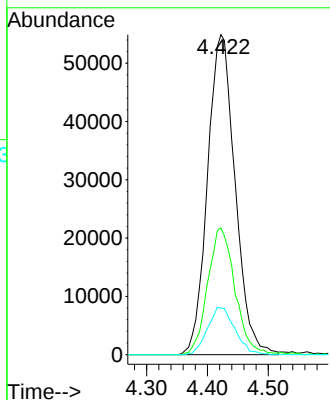
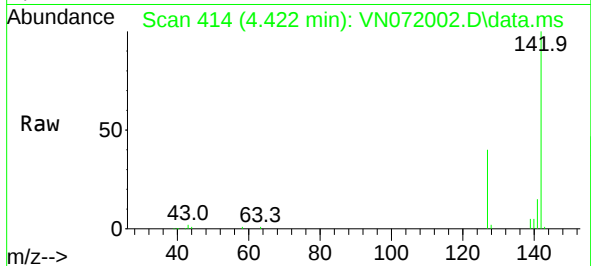




#11
Methyl Iodide
Concen: 18.101 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

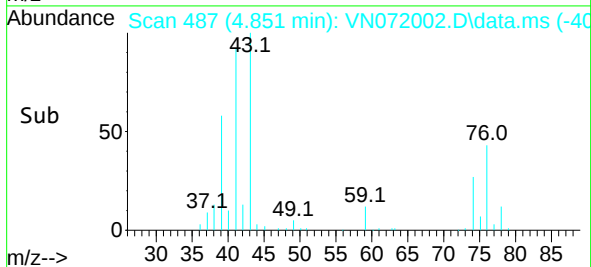
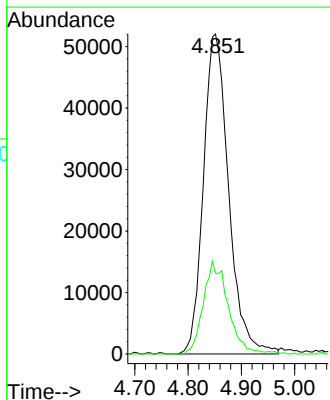
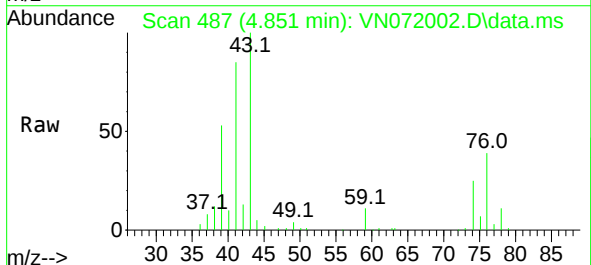
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

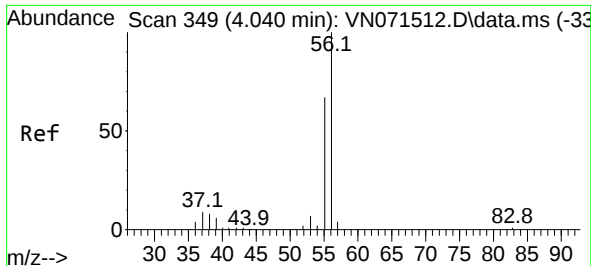
Tgt Ion:142 Resp: 172893
Ion Ratio Lower Upper
142 100
127 39.4 24.0 72.0
141 14.7 8.4 25.2



#12
Methyl Acetate
Concen: 18.637 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 43 Resp: 171199
Ion Ratio Lower Upper
43 100
74 25.4 20.8 31.2

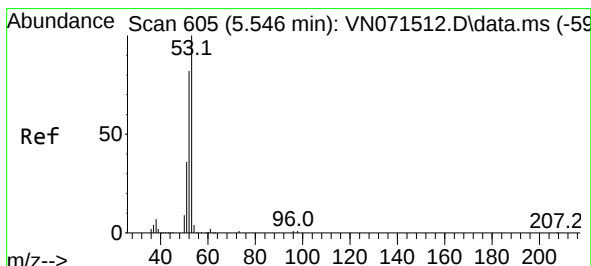
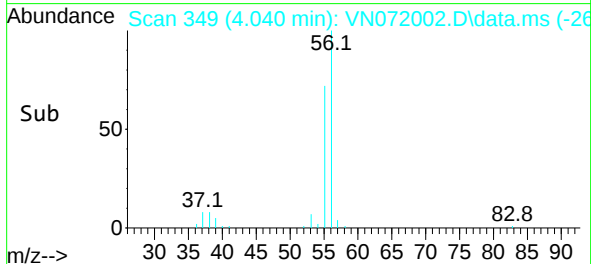
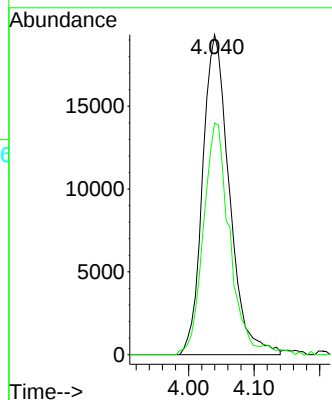
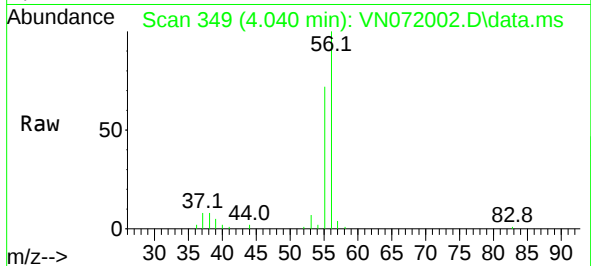




#13
Acrolein
Concen: 56.037 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

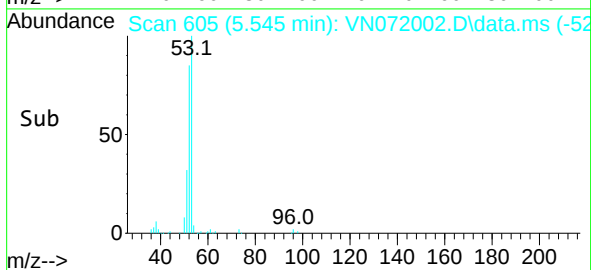
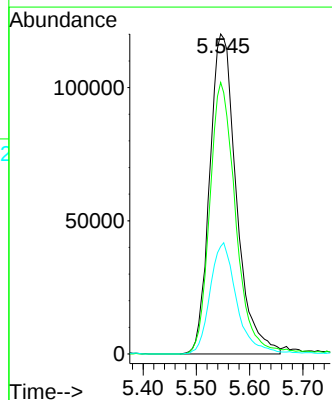
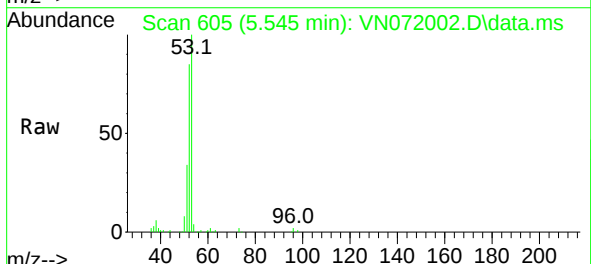
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

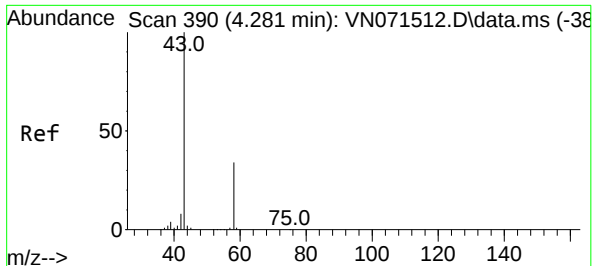
Tgt Ion: 56 Resp: 54763
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4



#14
Acrylonitrile
Concen: 100.356 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 53 Resp: 417518
Ion Ratio Lower Upper
53 100
52 82.0 41.8 125.4
51 34.6 19.0 57.0

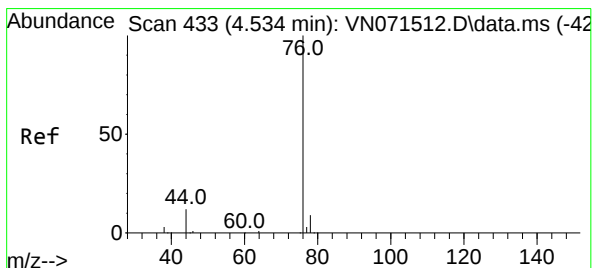
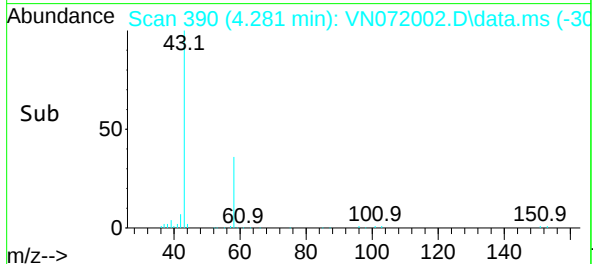
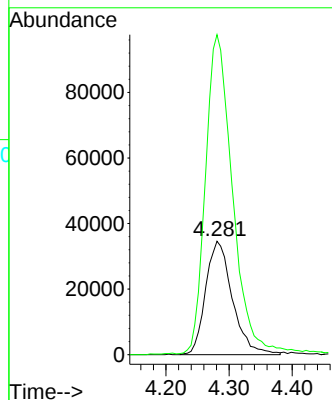
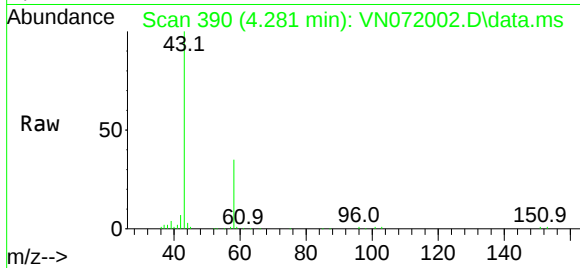




#15
Acetone
Concen: 85.136 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

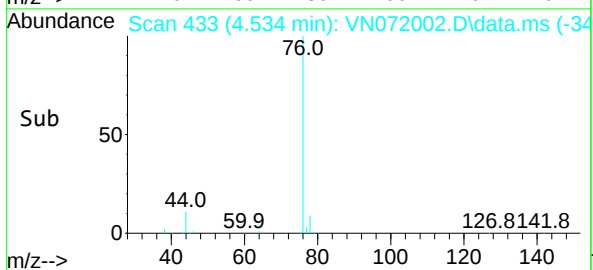
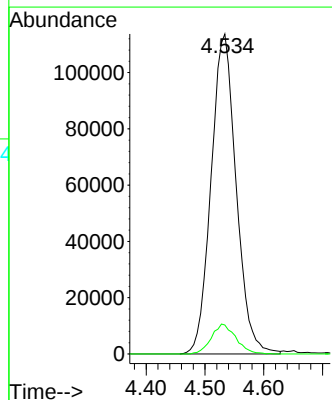
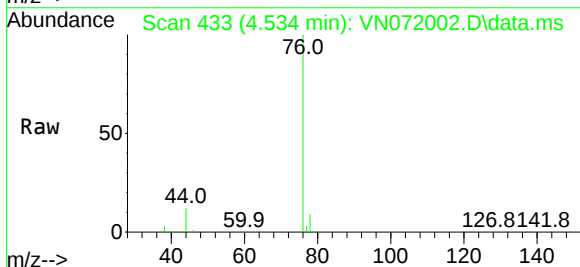
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

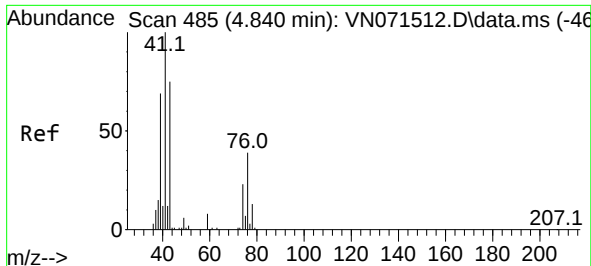
Tgt Ion: 58 Resp: 101932
Ion Ratio Lower Upper
58 100
43 280.9 256.6 384.8



#16
Carbon Disulfide
Concen: 19.880 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 76 Resp: 337380
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17

Allyl chloride

Concen: 17.475 ug/l

RT: 4.840 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072002.D

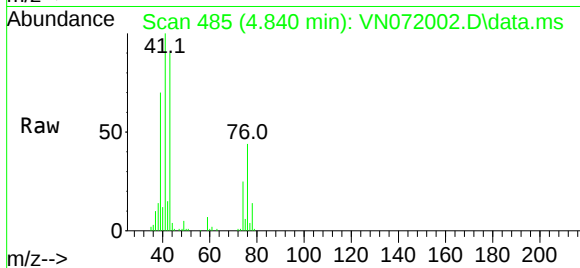
Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



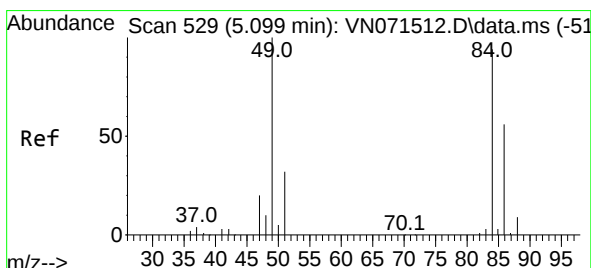
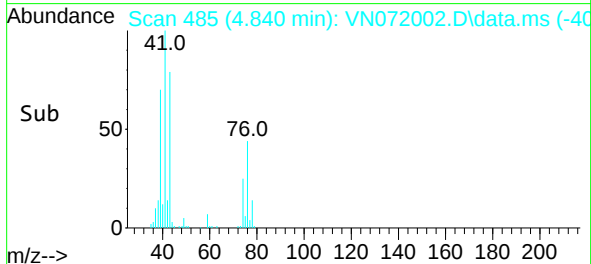
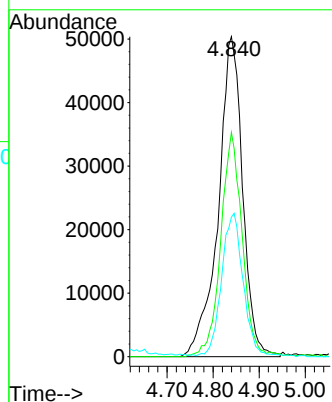
Tgt Ion: 41 Resp: 184744

Ion Ratio Lower Upper

41 100

39 70.0 44.6 134.0

76 43.0 19.6 58.7



#18

Methylene Chloride

Concen: 20.489 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Tgt Ion: 84 Resp: 160210

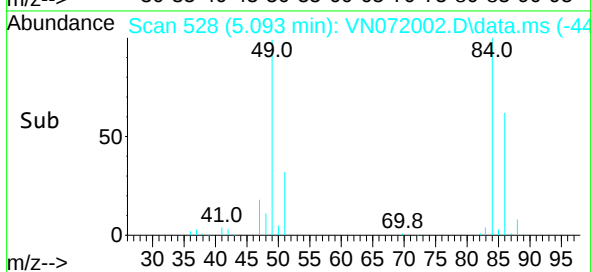
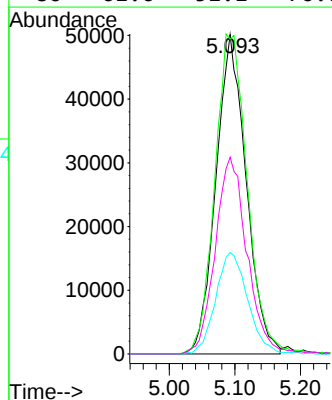
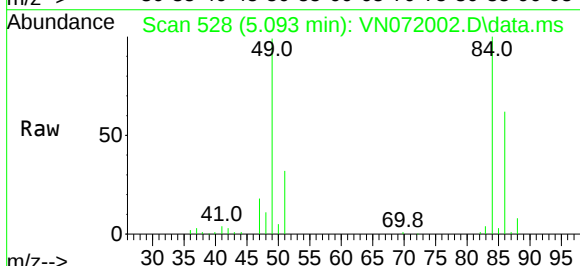
Ion Ratio Lower Upper

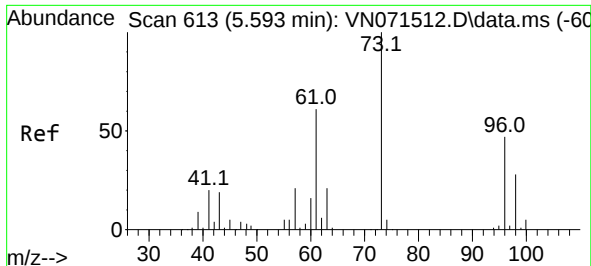
84 100

49 98.6 91.4 137.0

51 31.8 29.4 44.0

86 61.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.387 ug/l

RT: 5.598 min Scan# 613

Delta R.T. 0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

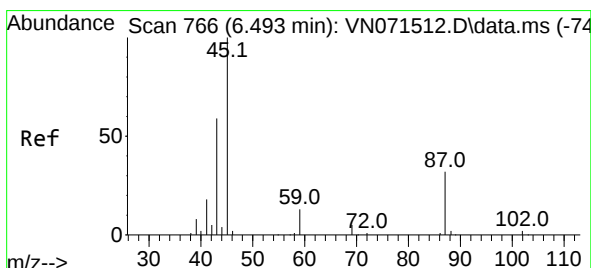
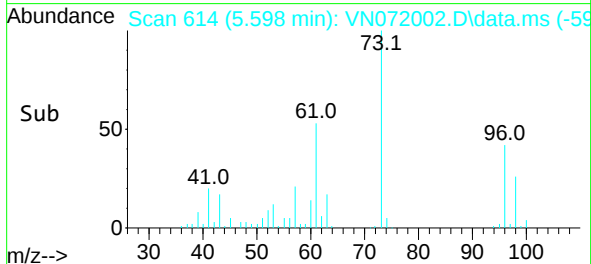
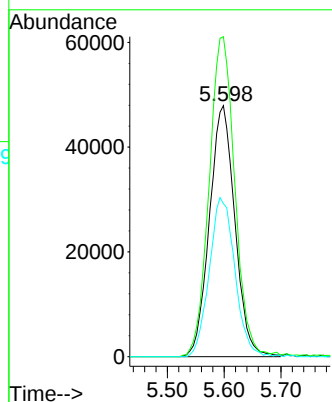
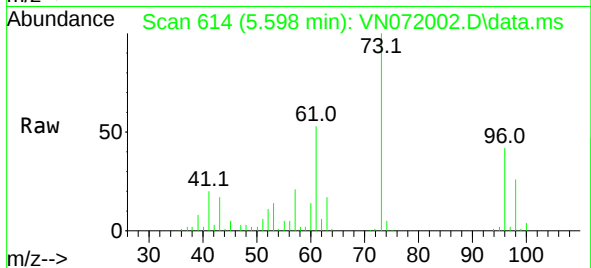
Tgt Ion: 96 Resp: 149099

Ion Ratio Lower Upper

96 100

61 127.5 102.8 154.2

98 61.0 49.3 73.9



#20

Diisopropyl ether

Concen: 19.833 ug/l

RT: 6.487 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Tgt Ion: 45 Resp: 438720

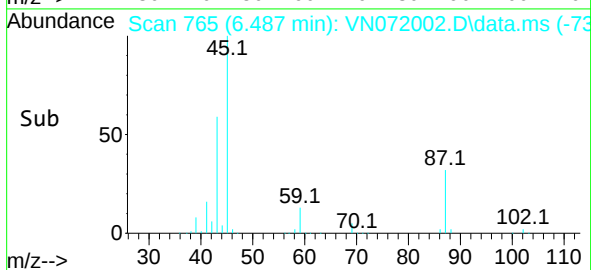
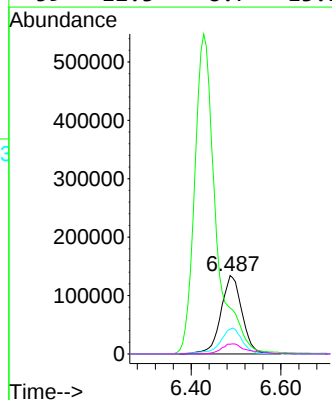
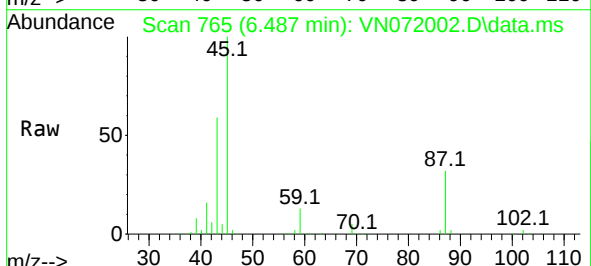
Ion Ratio Lower Upper

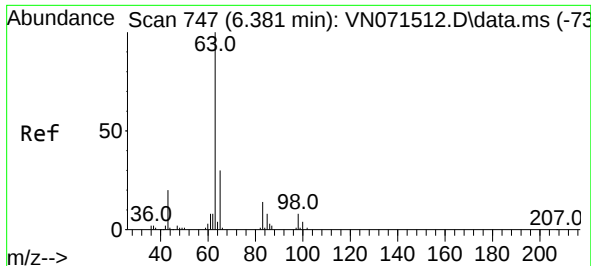
45 100

43 57.1 51.0 76.4

87 31.4 25.0 37.4

59 12.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.411 ug/l

RT: 6.381 min Scan# 74

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

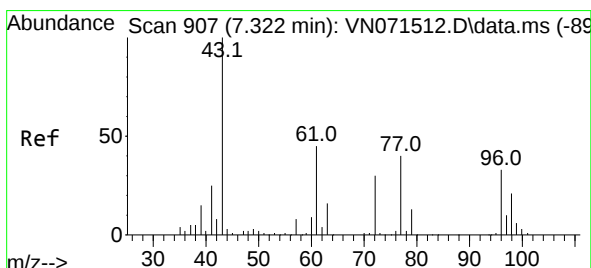
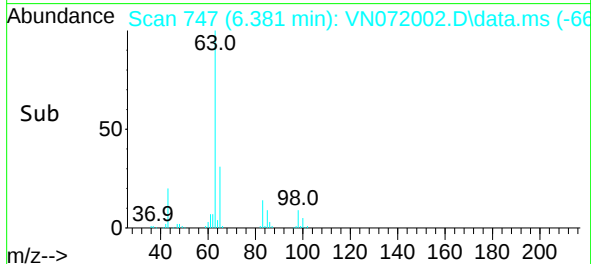
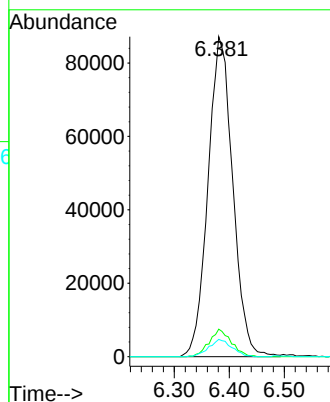
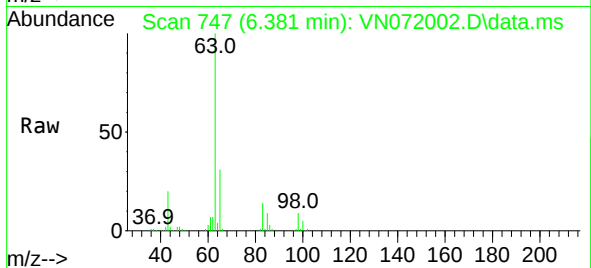
Tgt Ion: 63 Resp: 272591

Ion Ratio Lower Upper

63 100

98 8.6 3.2 9.6

100 5.4 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 20.835 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

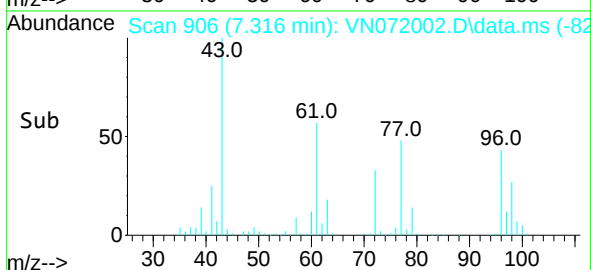
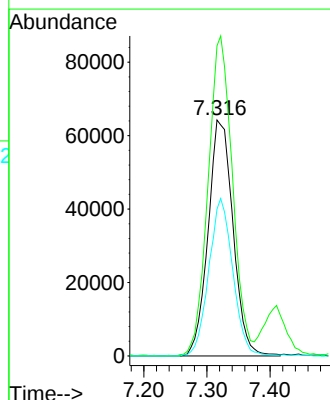
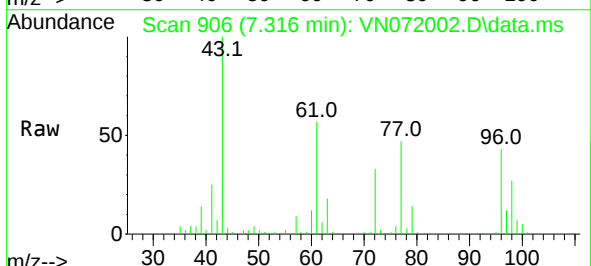
Tgt Ion: 96 Resp: 176470

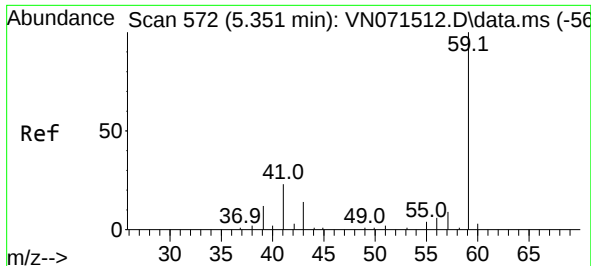
Ion Ratio Lower Upper

96 100

61 132.7 115.7 173.5

98 64.0 51.6 77.4

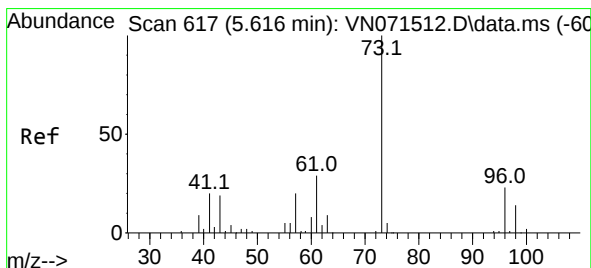
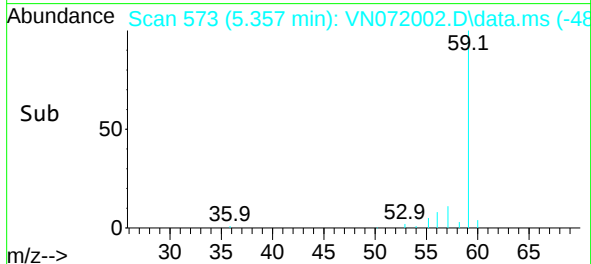
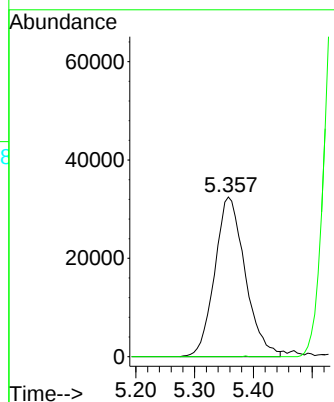
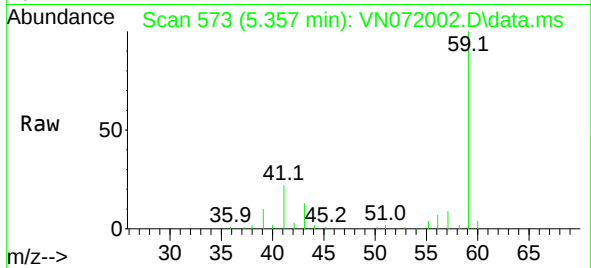




#23
tert-Butyl Alcohol
Concen: 78.683 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

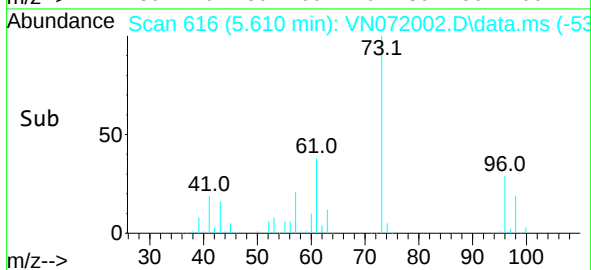
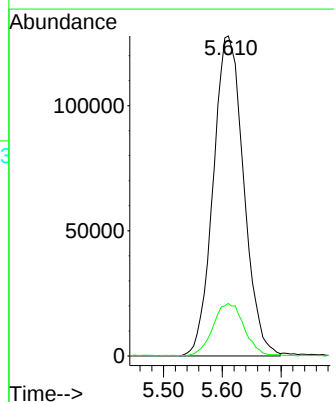
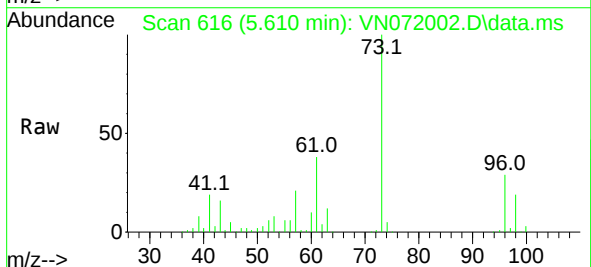
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

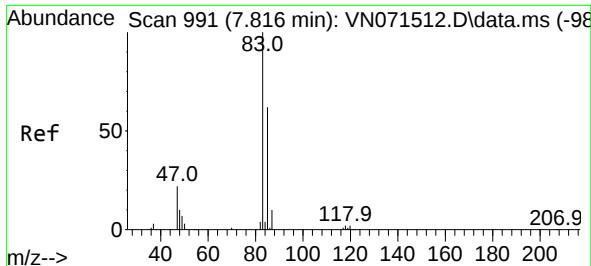
Tgt Ion: 59 Resp: 116808
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.556 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 73 Resp: 460027
Ion Ratio Lower Upper
73 100
43 16.8 18.1 27.1#

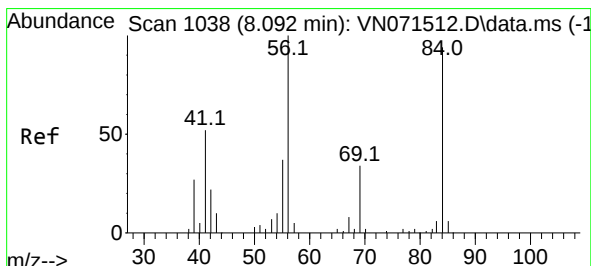
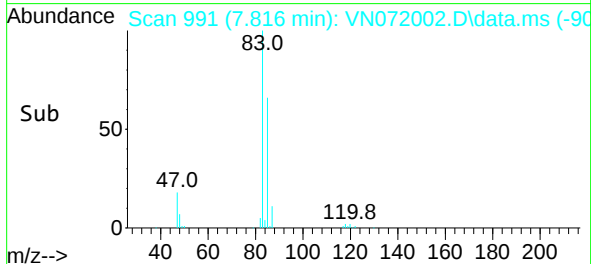
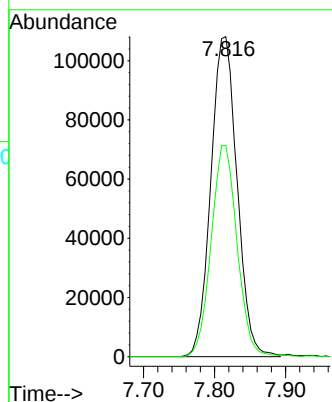
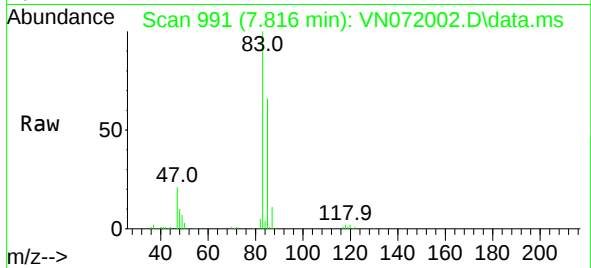




#25
Chloroform
Concen: 20.632 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

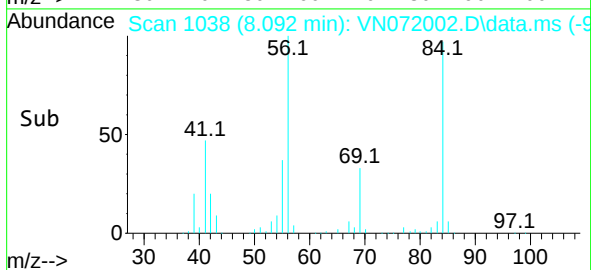
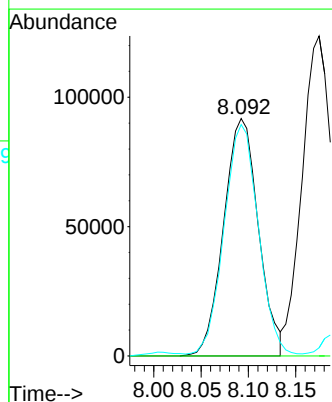
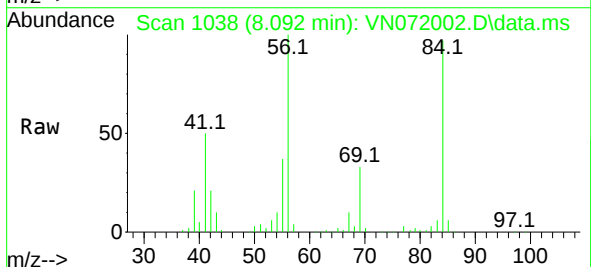
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

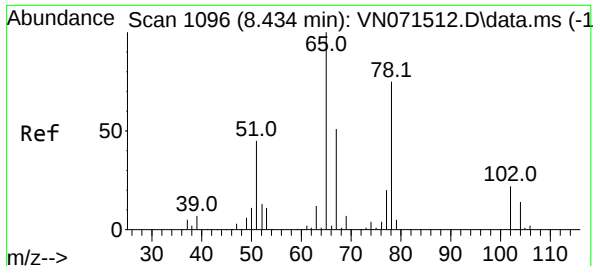
Tgt Ion: 83 Resp: 277122
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9



#26
Cyclohexane
Concen: 20.310 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 56 Resp: 234455
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 27.341 ug/l

RT: 8.428 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

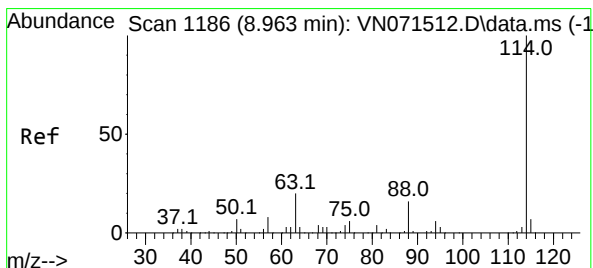
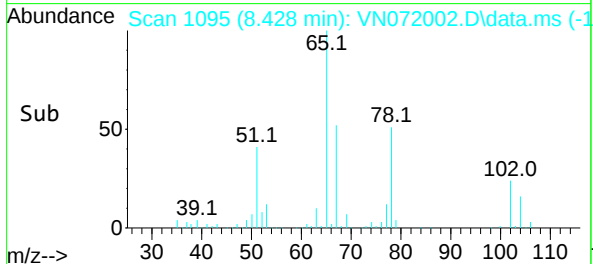
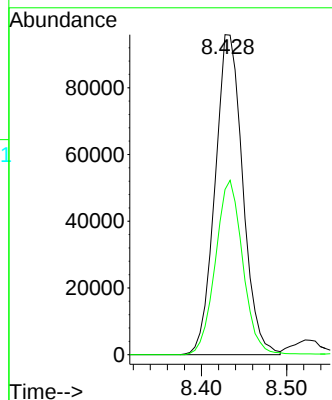
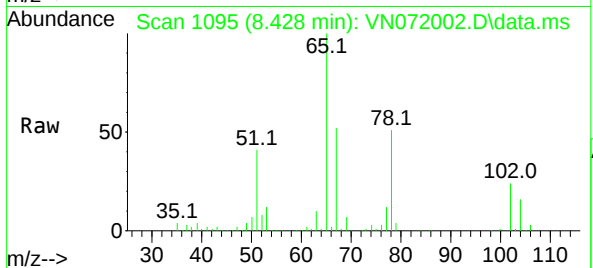
VSTDCCC020

Tgt Ion: 65 Resp: 216727

Ion Ratio Lower Upper

65 100

67 54.0 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

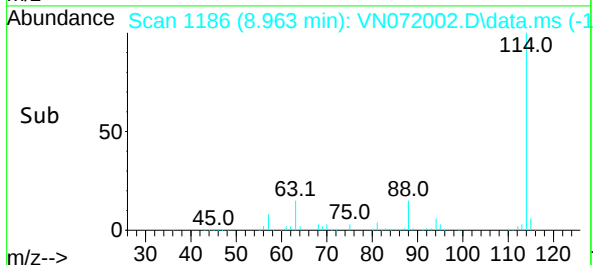
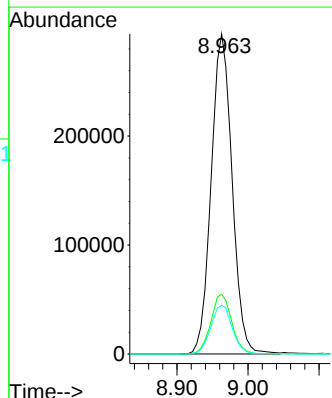
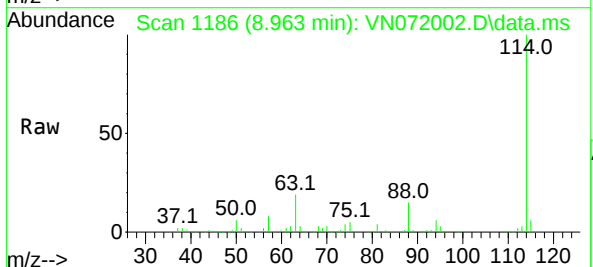
Tgt Ion: 114 Resp: 599741

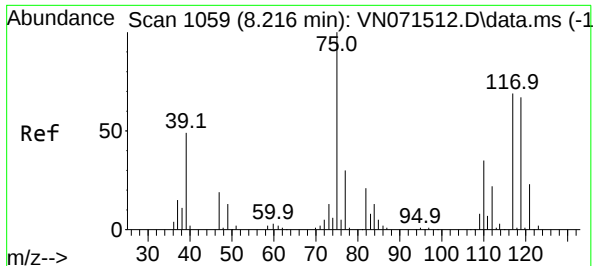
Ion Ratio Lower Upper

114 100

63 18.7 15.8 23.6

88 15.6 11.6 17.4

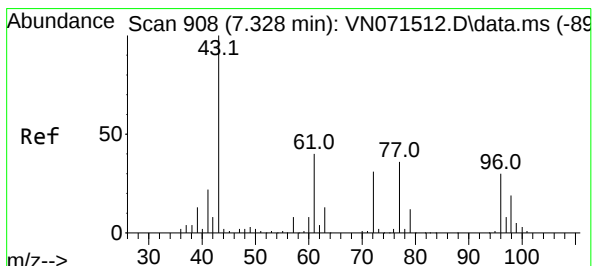
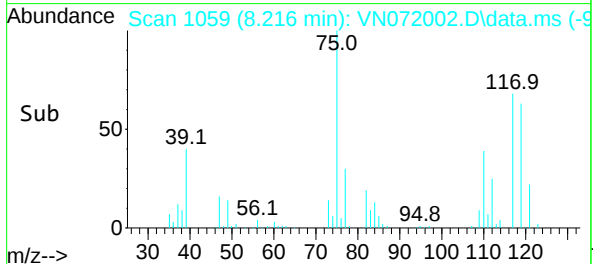
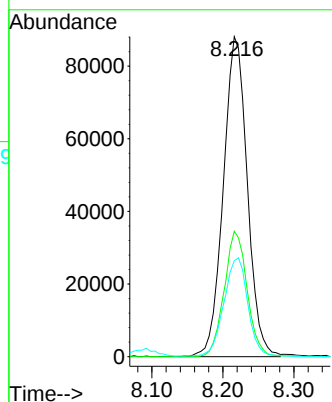
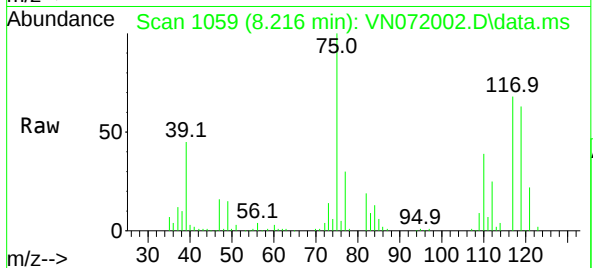




#29
1,1-Dichloropropene
Concen: 21.284 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

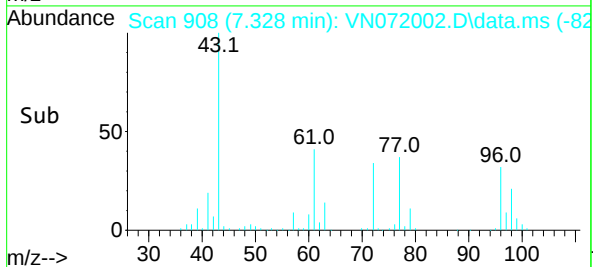
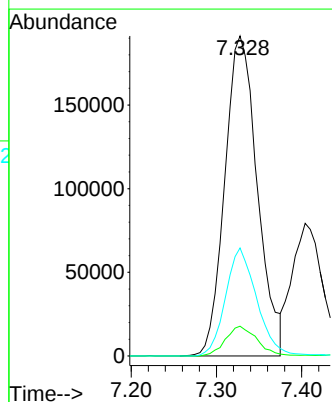
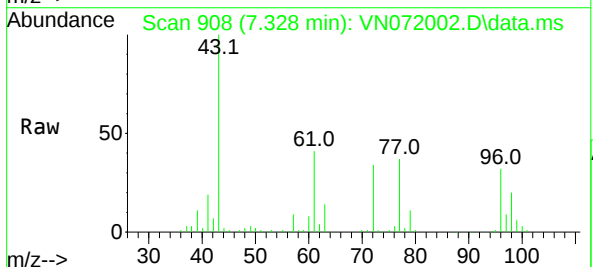
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

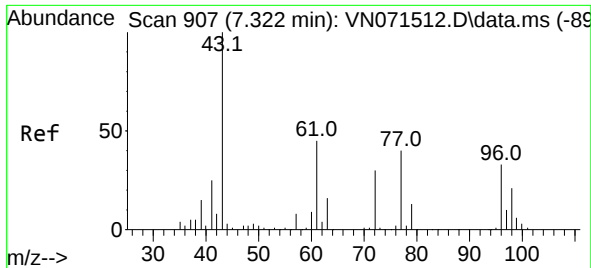
Tgt Ion: 75 Resp: 206614
Ion Ratio Lower Upper
75 100
110 37.5 0.0 74.2
77 31.0 0.0 63.2



#30
2-Butanone
Concen: 94.083 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 43 Resp: 508382
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 32.3 23.2 34.8

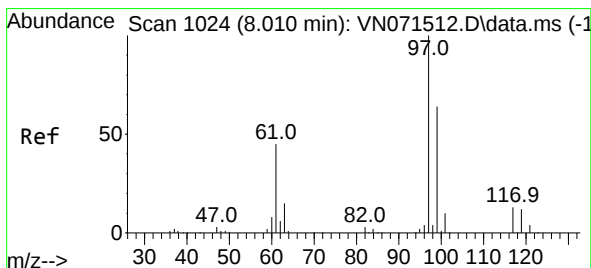
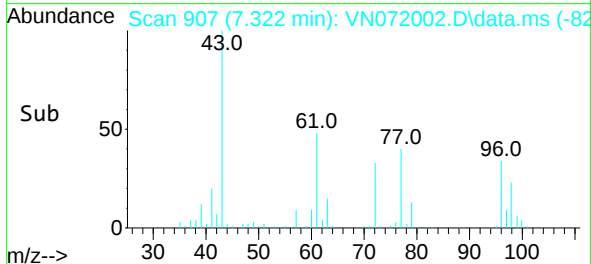
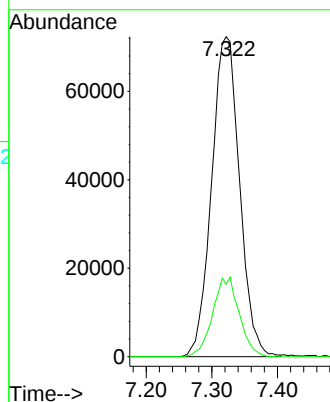
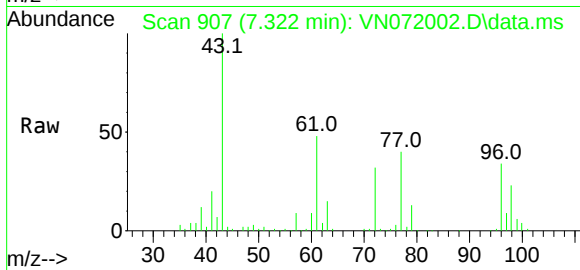




#31
2,2-Dichloropropane
Concen: 19.362 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

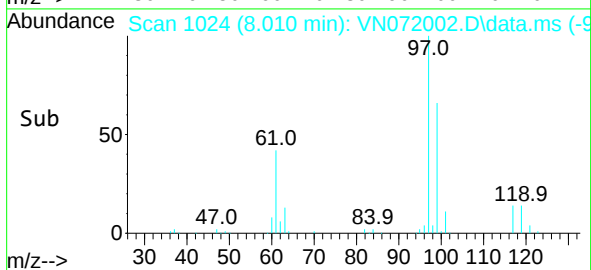
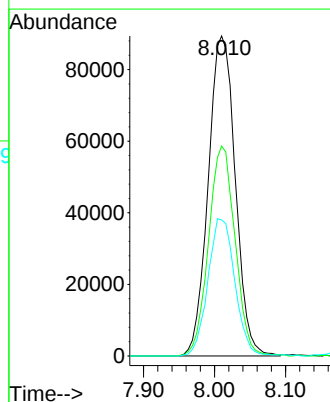
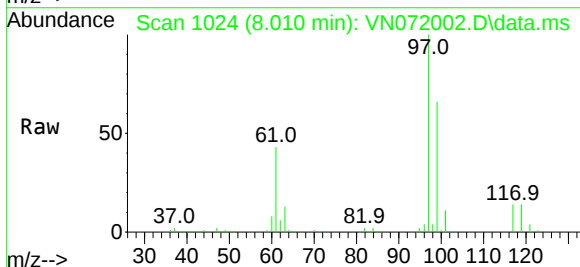
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

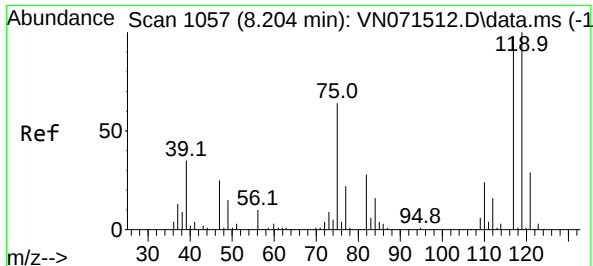
Tgt Ion: 77 Resp: 214119
Ion Ratio Lower Upper
77 100
97 23.5 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.960 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 97 Resp: 236977
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 42.6 34.6 51.8

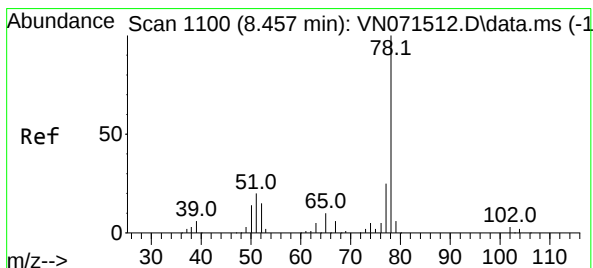
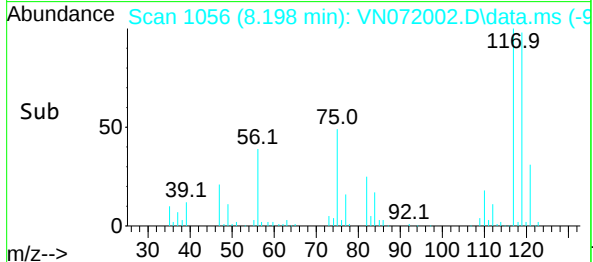
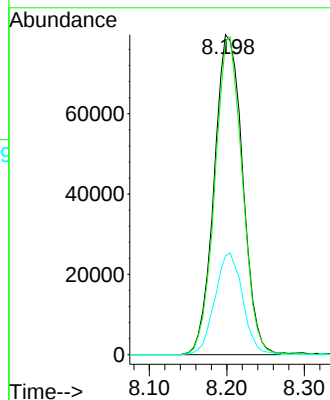
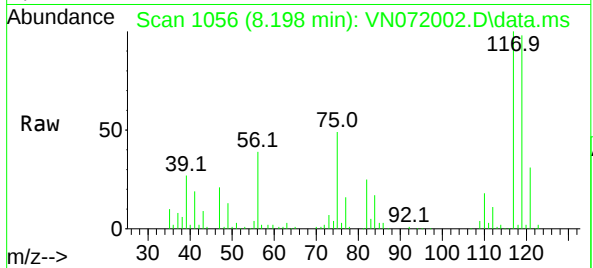




#33
Carbon Tetrachloride
Concen: 21.321 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

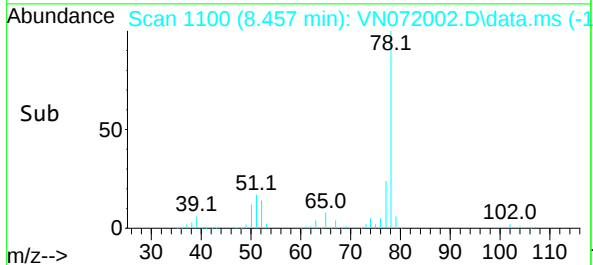
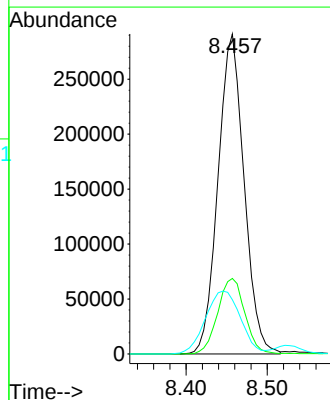
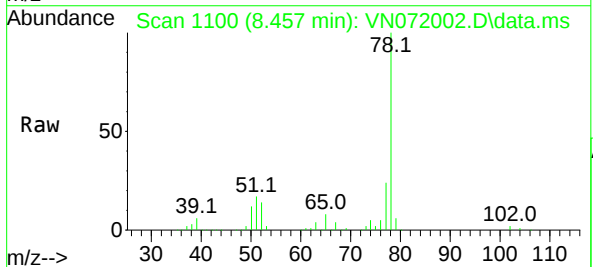
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

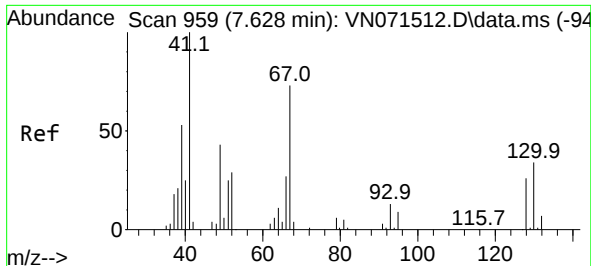
Tgt Ion:117 Resp: 204049
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3
121 30.9 23.5 35.3



#34
Benzene
Concen: 21.538 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 78 Resp: 649585
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 16.6 16.0 24.0

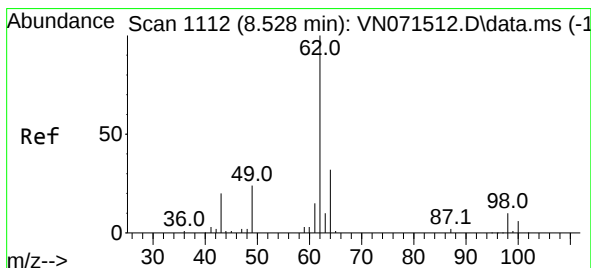
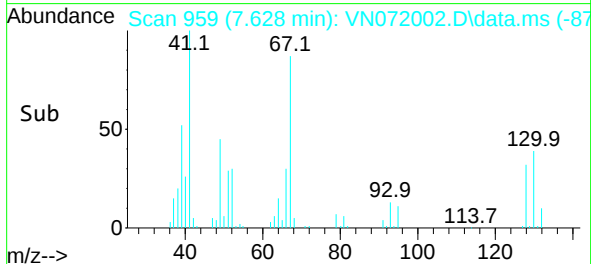
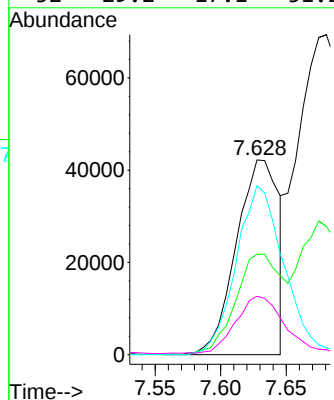
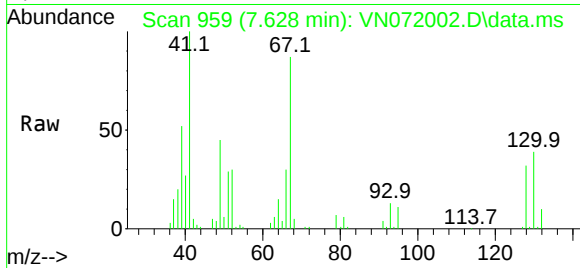




#35
Methacrylonitrile
Concen: 18.341 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

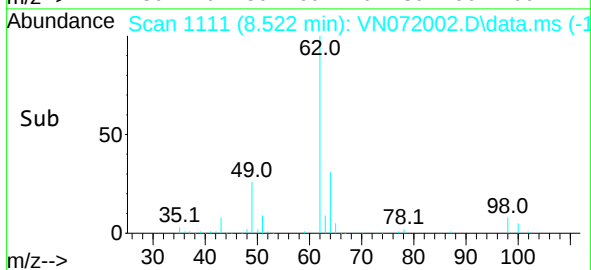
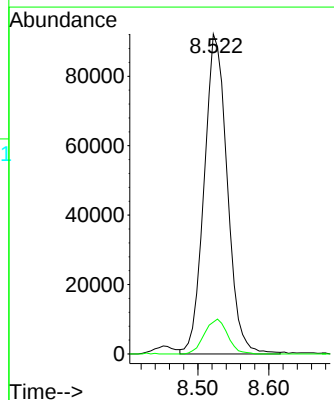
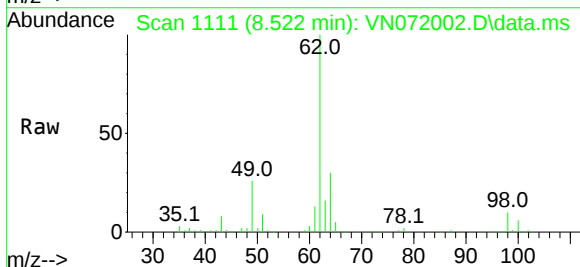
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

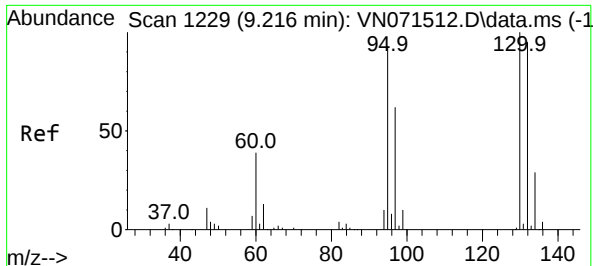
Tgt Ion:	41	Resp:	95086
Ion	Ratio	Lower	Upper
41	100		
39	51.5	28.0	83.9
67	86.8	37.7	113.1
52	29.2	17.1	51.2



#36
1,2-Dichloroethane
Concen: 19.802 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:	62	Resp:	208347
Ion	Ratio	Lower	Upper
62	100		
98	10.9	6.6	10.0#





#37

Trichloroethene

Concen: 21.622 ug/l

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

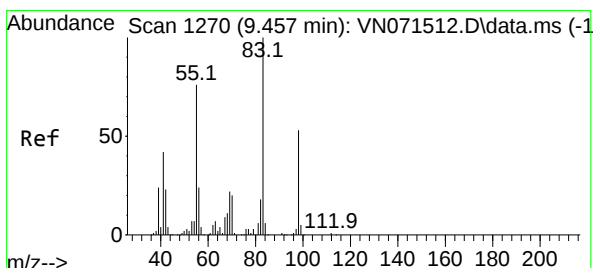
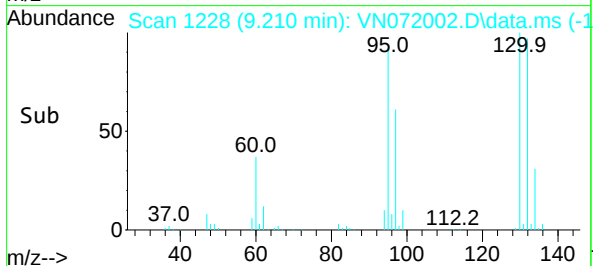
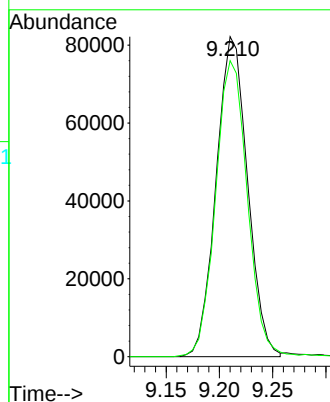
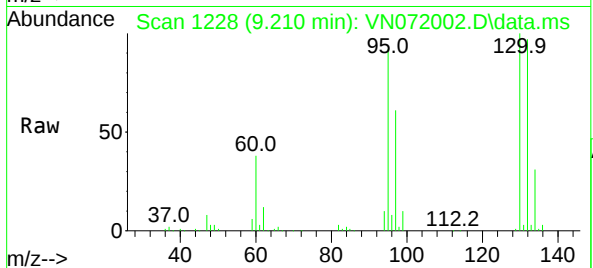
VSTDCCC020

Tgt Ion:130 Resp: 168265

Ion Ratio Lower Upper

130 100

95 92.2 76.6 115.0



#38

Methylcyclohexane

Concen: 21.403 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

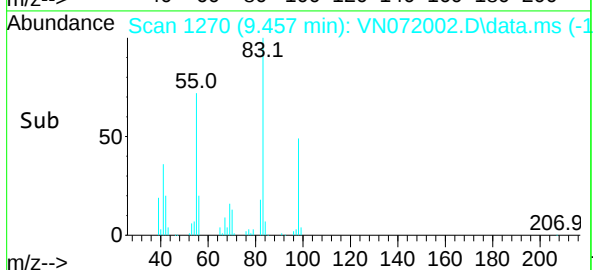
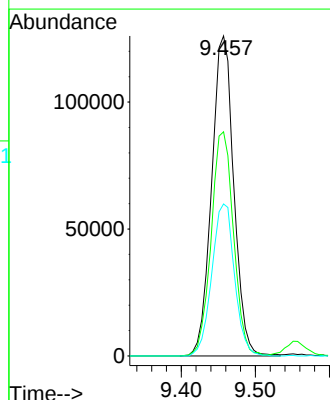
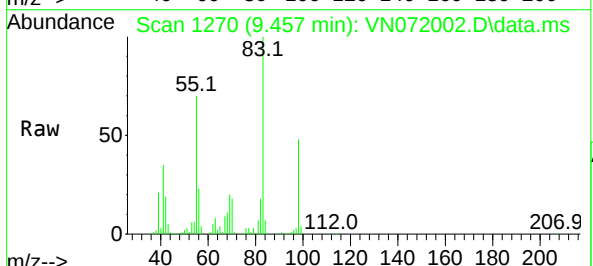
Tgt Ion: 83 Resp: 261879

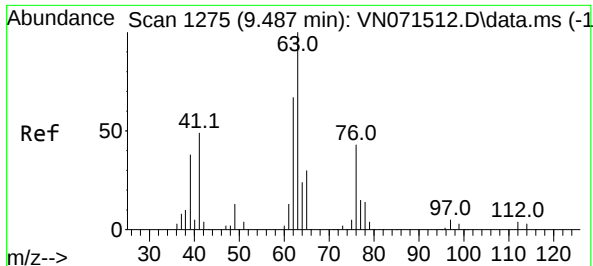
Ion Ratio Lower Upper

83 100

55 70.7 35.1 105.3

98 48.6 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.385 ug/l

RT: 9.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

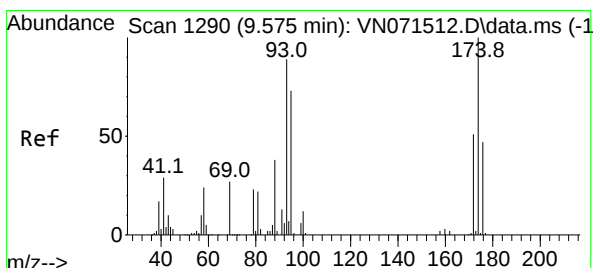
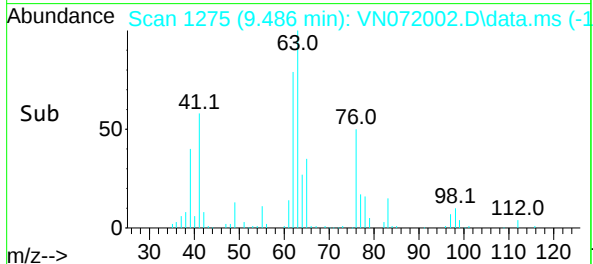
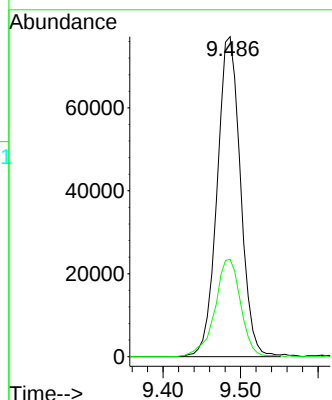
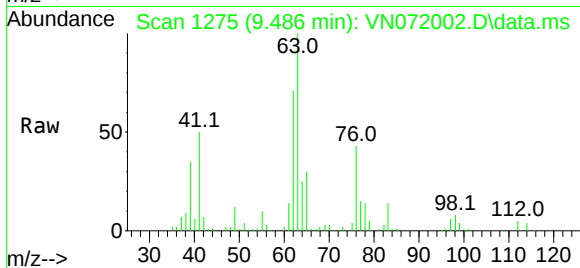
VSTDCCC020

Tgt Ion: 63 Resp: 161363

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.4



#40

Dibromomethane

Concen: 21.276 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

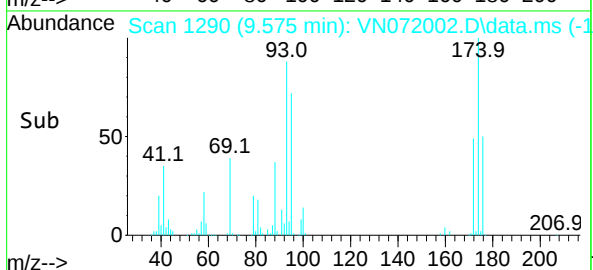
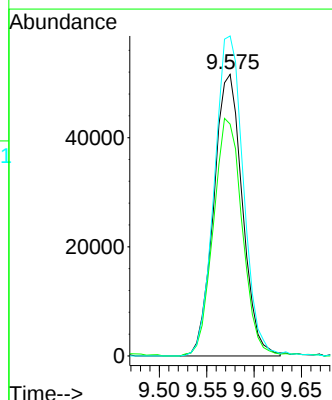
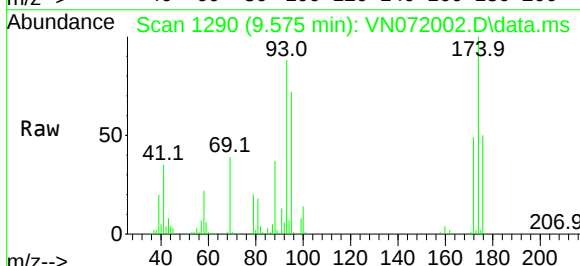
Tgt Ion: 93 Resp: 108665

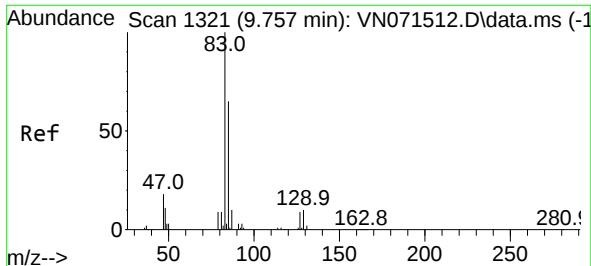
Ion Ratio Lower Upper

93 100

95 84.8 0.0 168.8

174 114.4 0.0 173.6

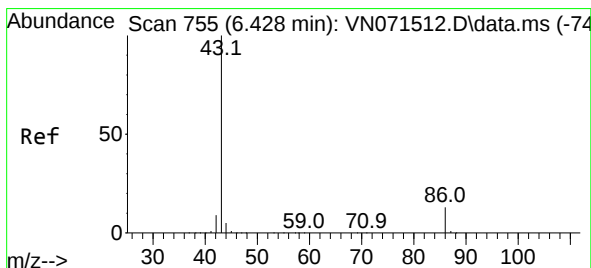
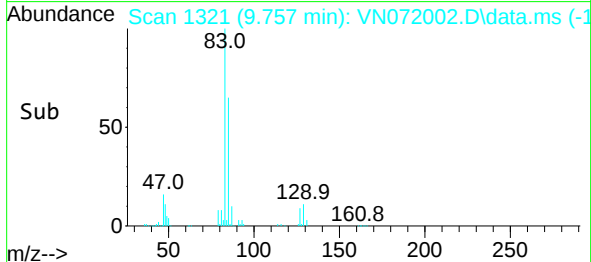
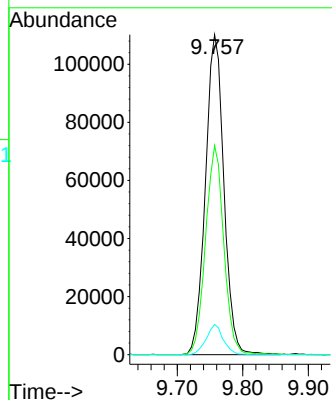
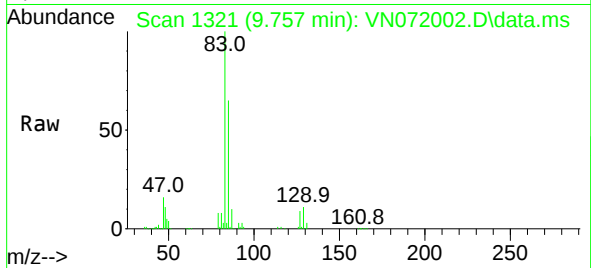




#41
Bromodichloromethane
Concen: 21.128 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

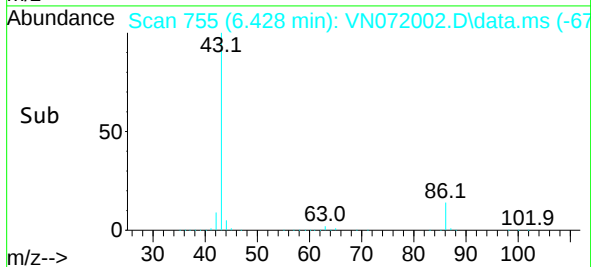
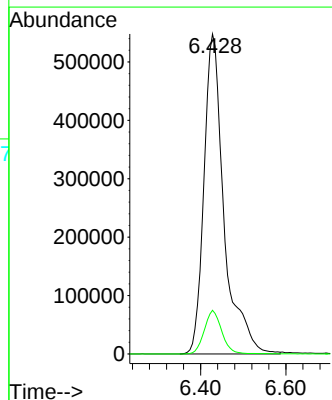
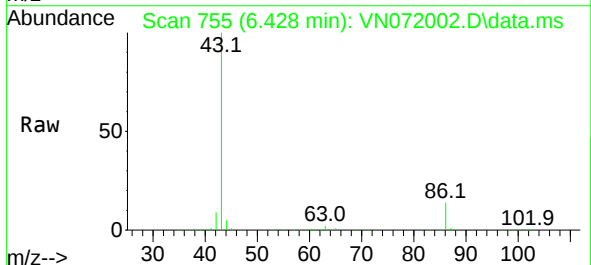
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

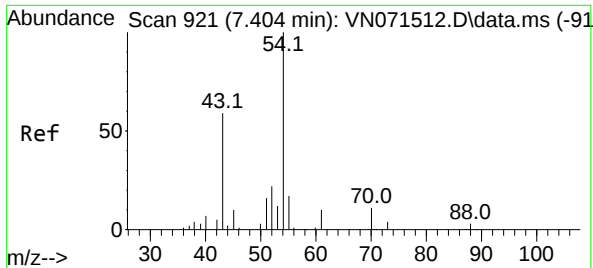
Tgt Ion: 83 Resp: 215943
Ion Ratio Lower Upper
83 100
85 65.3 54.1 81.1
127 9.5 7.6 11.4



#42
Vinyl Acetate
Concen: 96.846 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 43 Resp: 1793087
Ion Ratio Lower Upper
43 100
86 11.8 7.5 11.3#

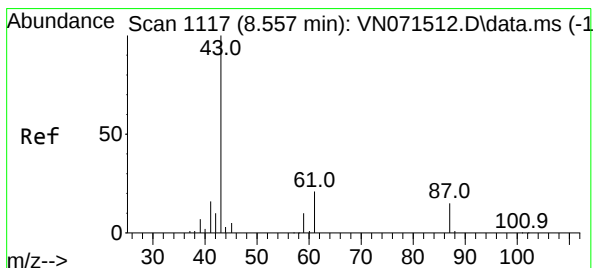
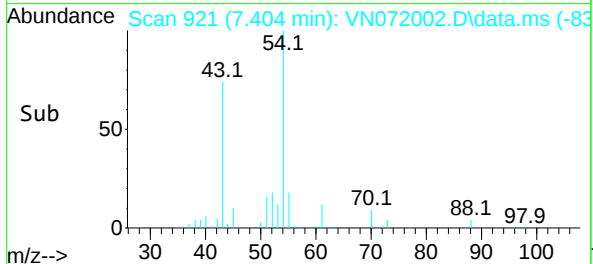
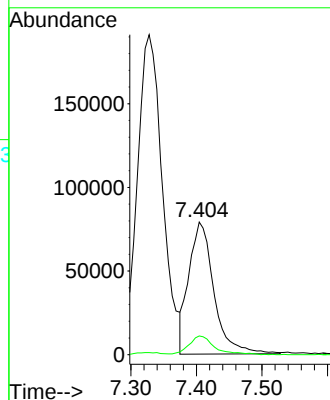
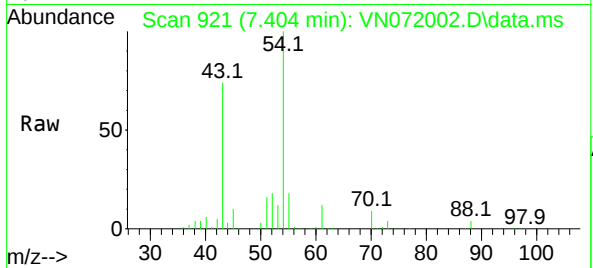




#43
Ethyl Acetate
Concen: 19.998 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

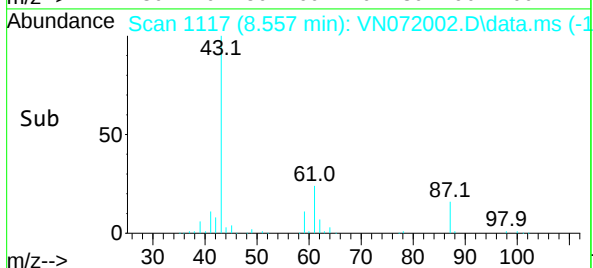
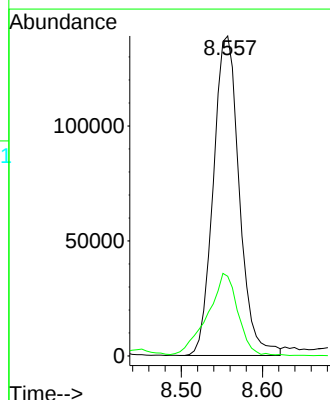
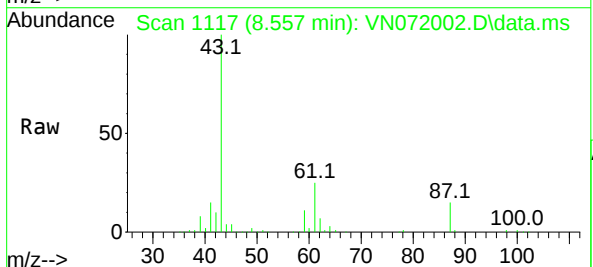
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

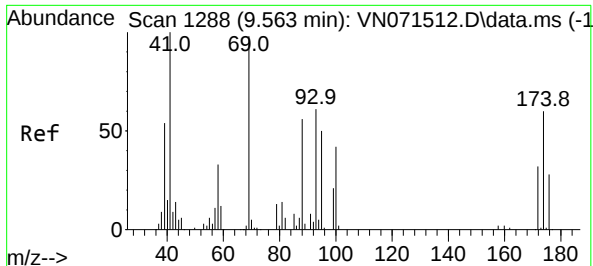
Tgt Ion: 43 Resp: 209540
Ion Ratio Lower Upper
43 100
45 14.1 10.6 16.0



#44
Isopropyl Acetate
Concen: 18.378 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 43 Resp: 308841
Ion Ratio Lower Upper
43 100
61 29.2 20.1 30.1





#45

1,4-Dioxane

Concen: 380.668 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

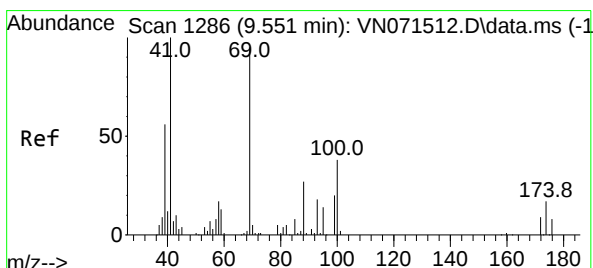
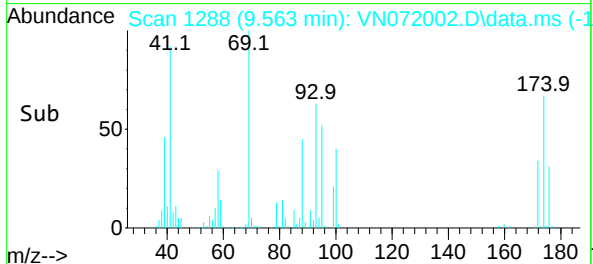
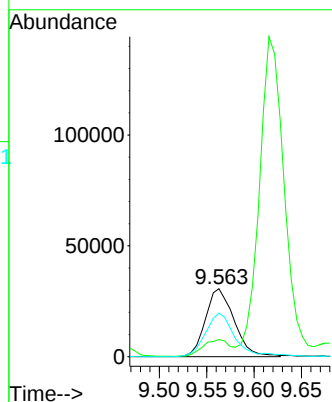
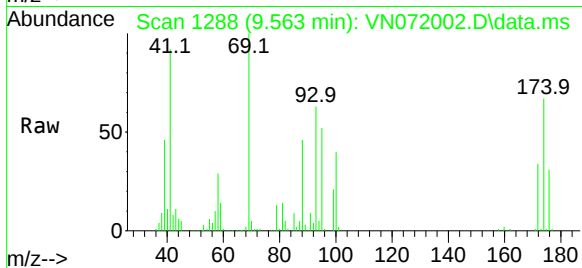
Tgt Ion: 88 Resp: 64544

Ion Ratio Lower Upper

88 100

43 23.7 25.0 37.6#

58 62.6 49.4 74.2



#46

Methyl methacrylate

Concen: 18.033 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

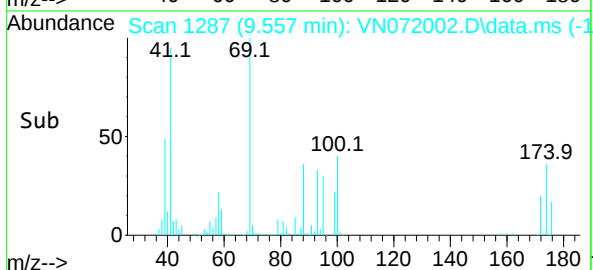
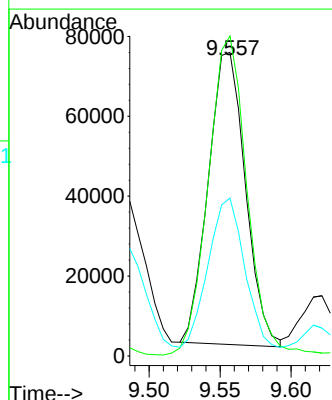
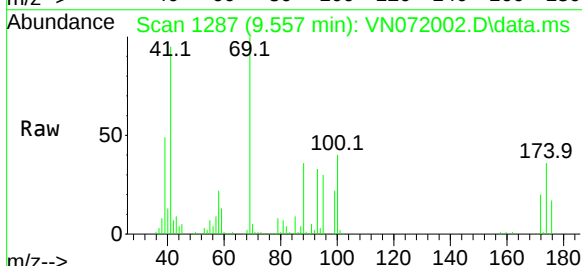
Tgt Ion: 41 Resp: 132897

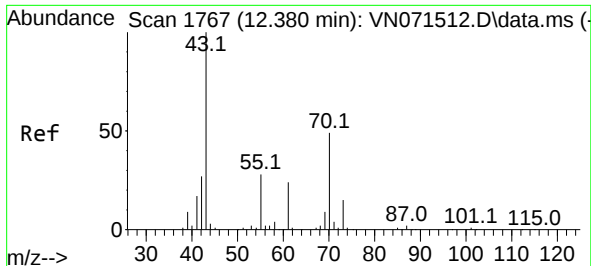
Ion Ratio Lower Upper

41 100

69 107.7 44.4 133.2

39 51.6 39.9 119.6

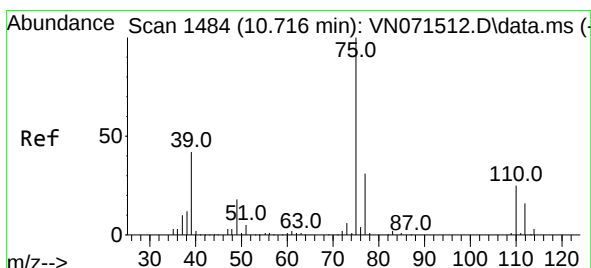
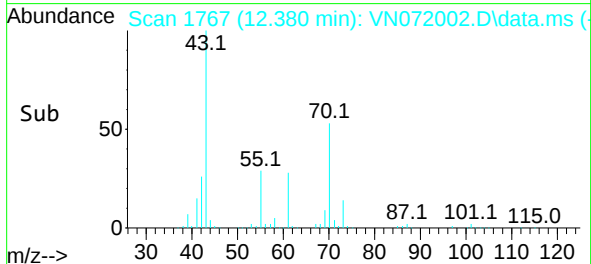
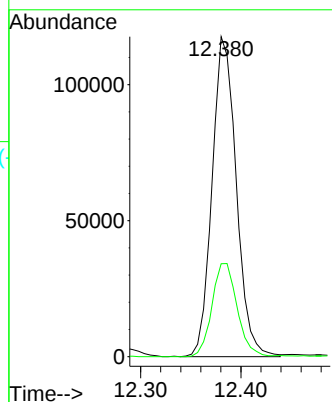
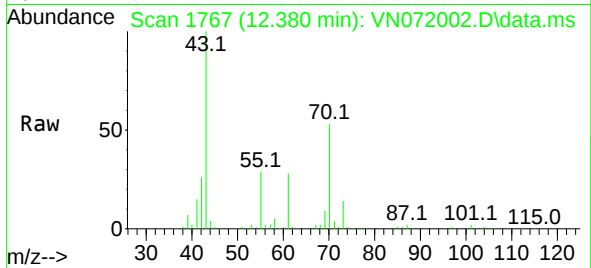




#47
n-amyl acetate
Concen: 17.587 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

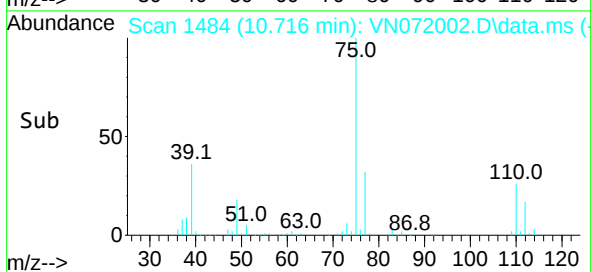
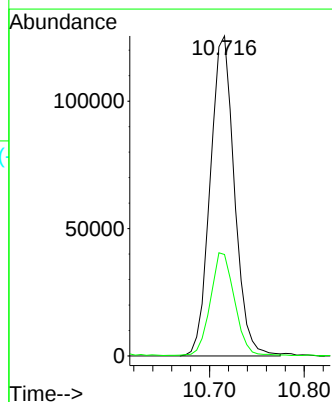
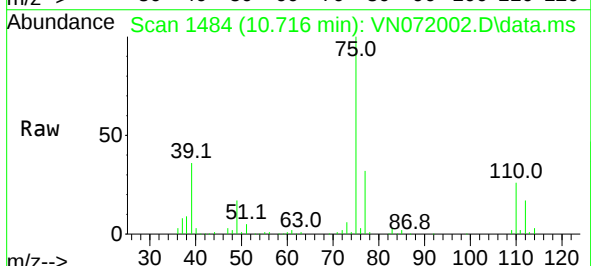
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

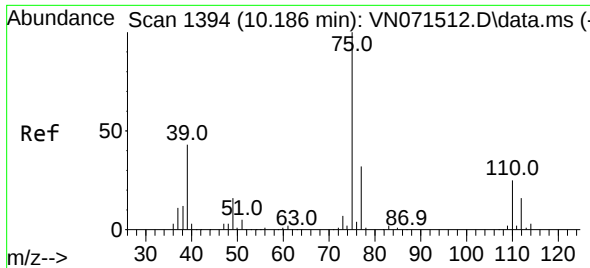
Tgt Ion: 43 Resp: 197223
Ion Ratio Lower Upper
43 100
55 30.3 19.0 28.6#



#48
t-1,3-Dichloropropene
Concen: 20.036 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 75 Resp: 222583
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

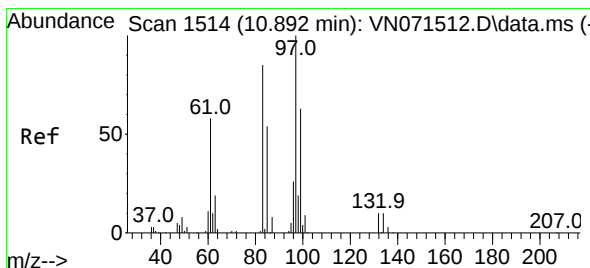
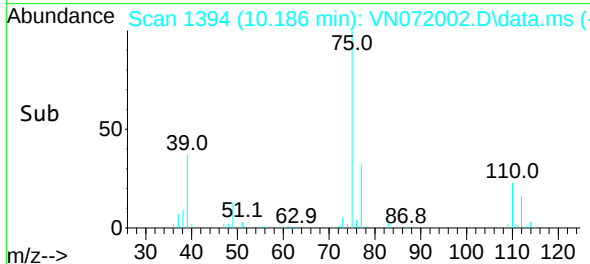
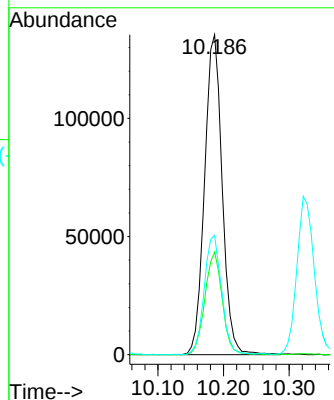
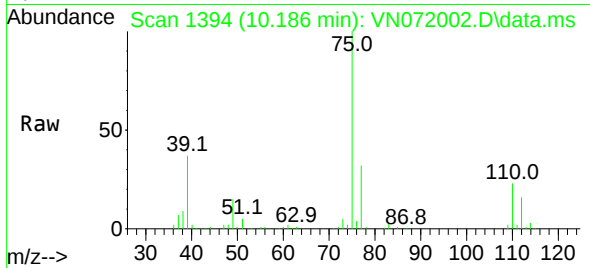




#49
 cis-1,3-Dichloropropene
 Concen: 20.876 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN072002.D
 Acq: 15 Apr 2022 14:46

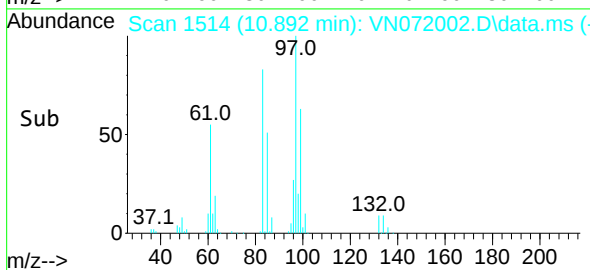
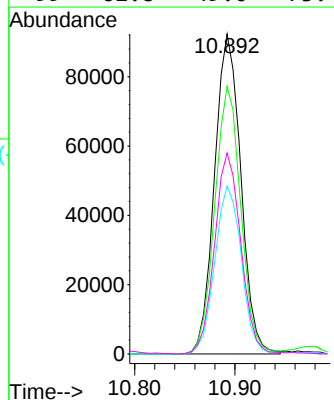
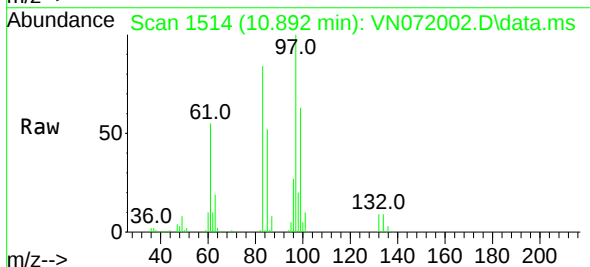
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

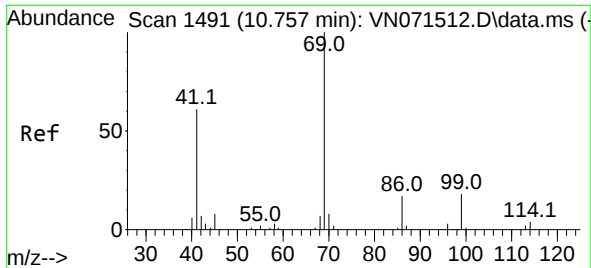
Tgt Ion: 75 Resp: 253611
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 37.2 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 22.038 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN072002.D
 Acq: 15 Apr 2022 14:46

Tgt Ion: 97 Resp: 168266
 Ion Ratio Lower Upper
 97 100
 83 83.6 67.2 100.8
 85 52.5 43.0 64.4
 99 62.8 49.0 73.4

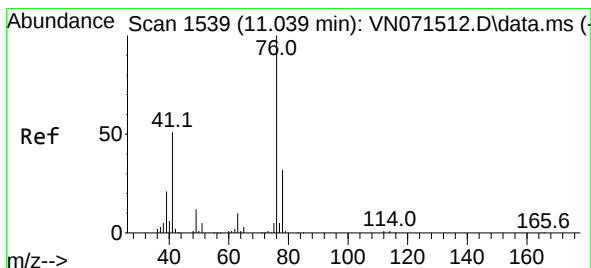
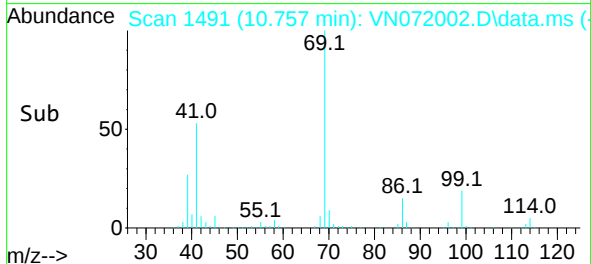
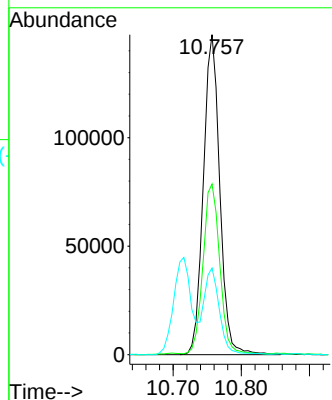
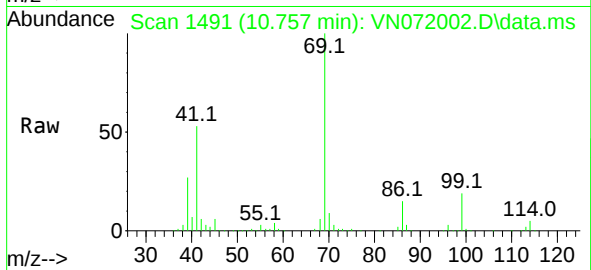




#51
Ethyl methacrylate
Concen: 20.973 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

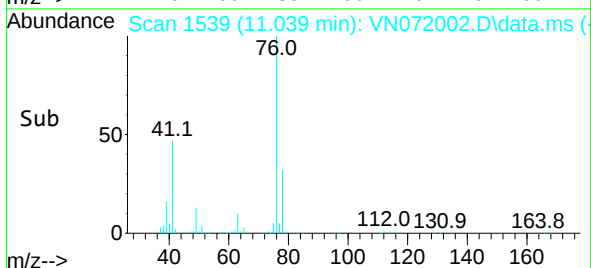
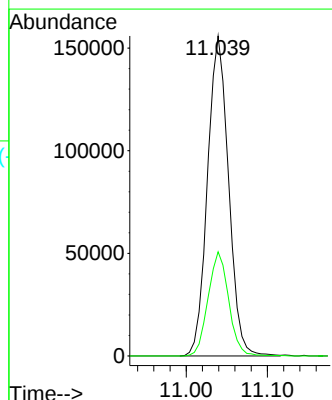
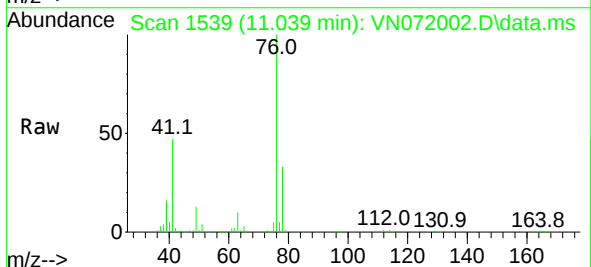
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

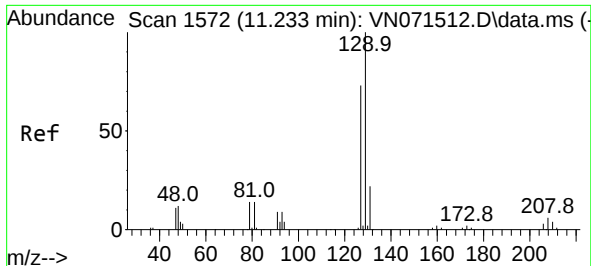
Tgt Ion: 69 Resp: 247254
Ion Ratio Lower Upper
69 100
41 53.0 33.0 98.9
39 26.9 25.4 76.4



#52
1,3-Dichloropropane
Concen: 21.555 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 76 Resp: 281064
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4

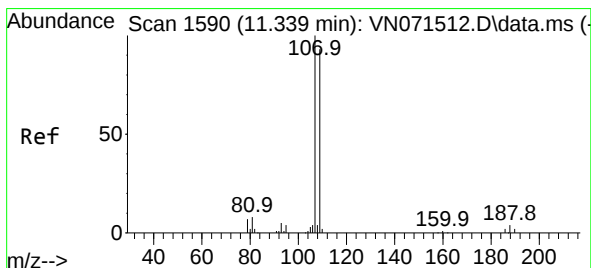
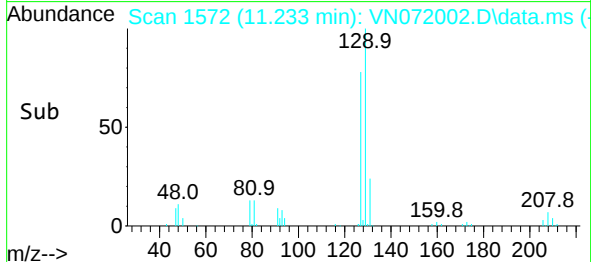
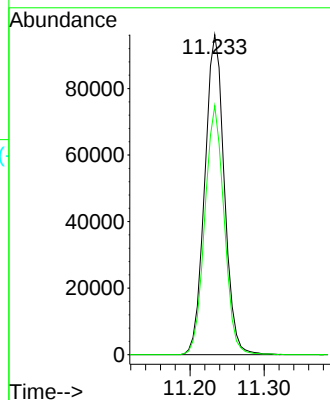
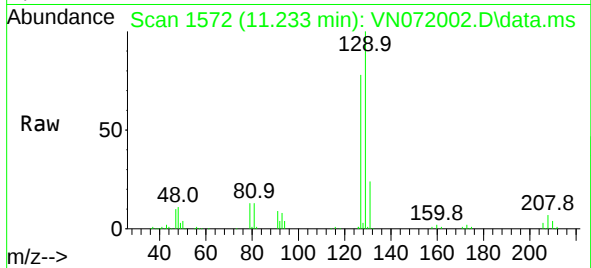




#53
Dibromochloromethane
Concen: 22.263 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

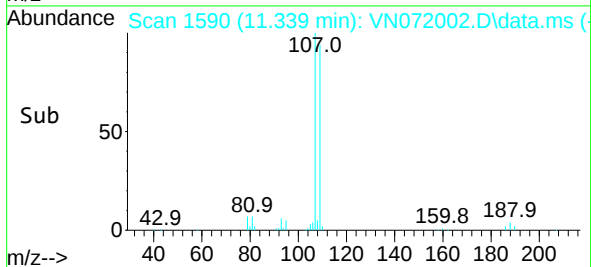
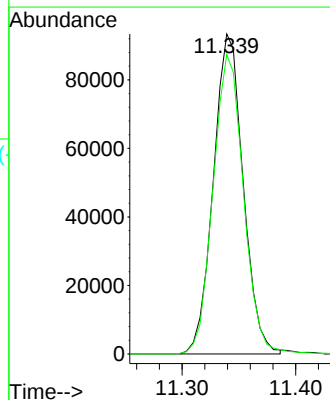
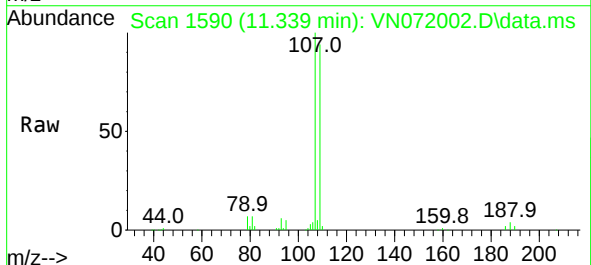
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

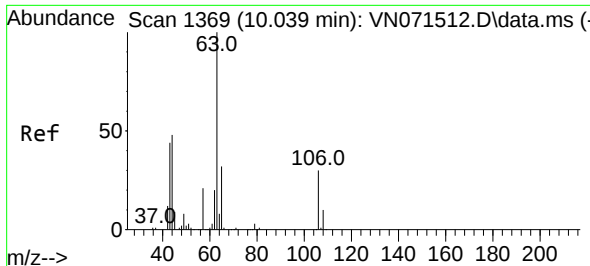
Tgt Ion:129 Resp: 175964
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 21.667 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:107 Resp: 170177
Ion Ratio Lower Upper
107 100
109 95.5 72.8 109.2

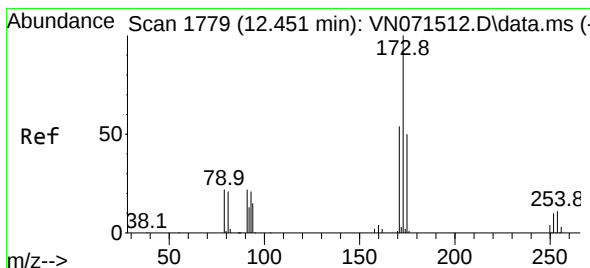
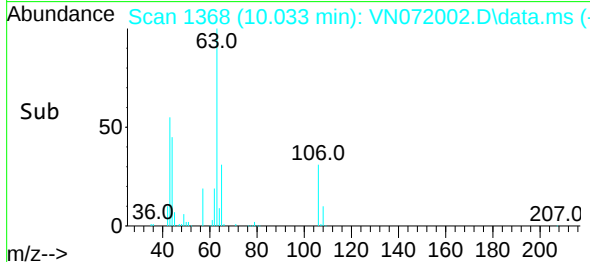
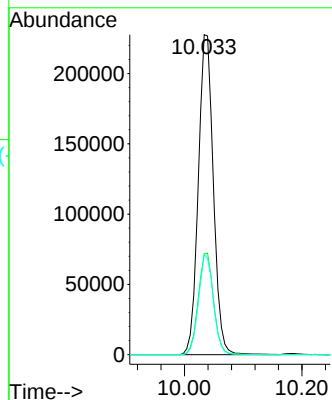
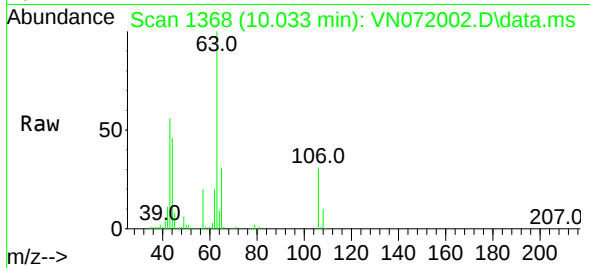




#55
2-Chloroethyl vinyl ether
Concen: 127.329 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

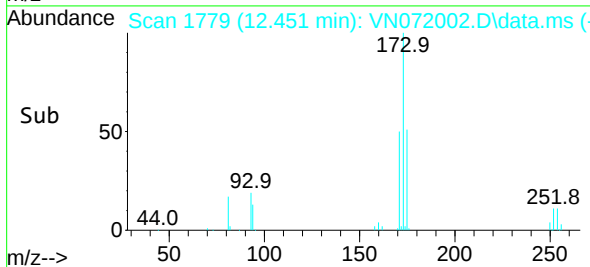
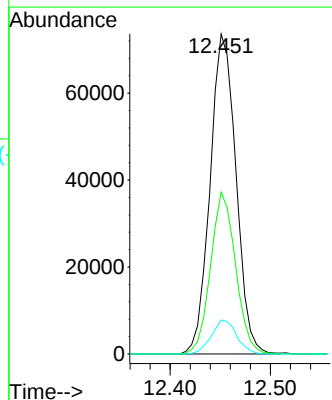
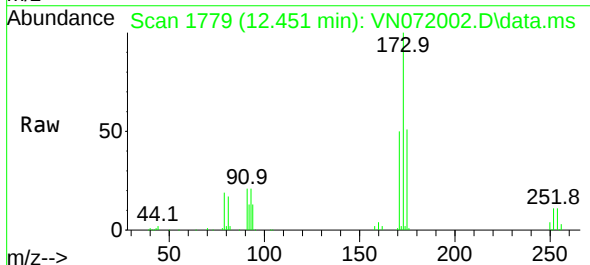
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

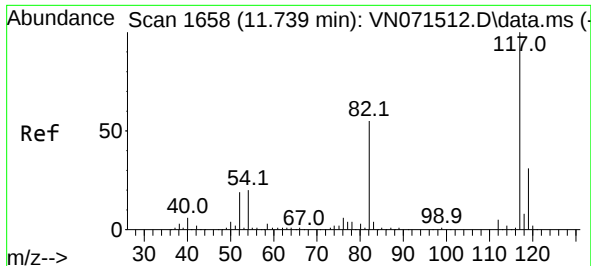
Tgt Ion: 63 Resp: 404446
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 30.8 23.2 34.8



#56
Bromoform
Concen: 21.692 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:173 Resp: 132192
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 10.4 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: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

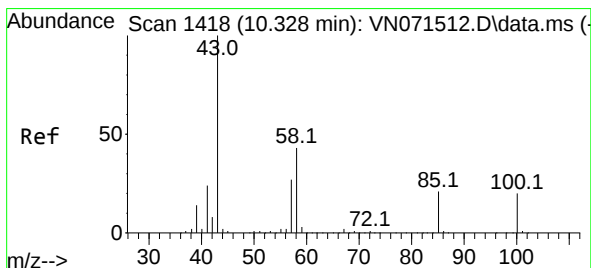
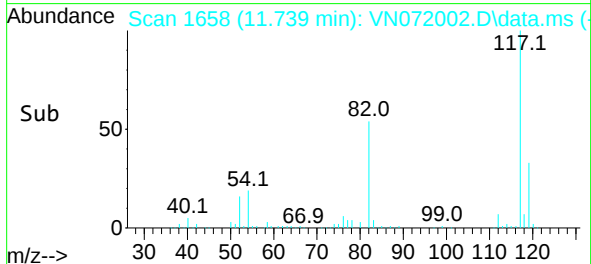
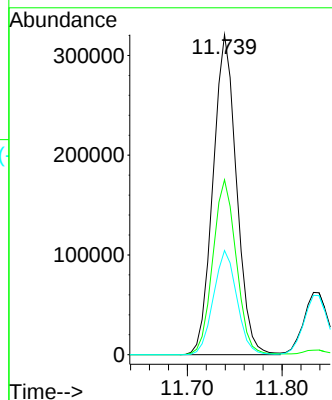
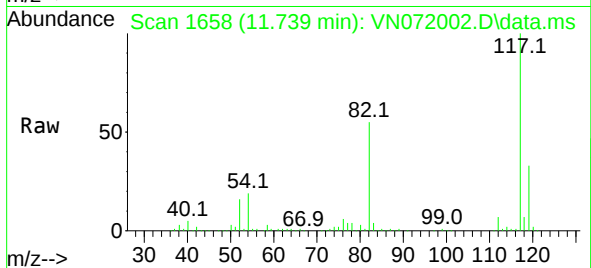
Tgt Ion:117 Resp: 553333

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

119 32.5 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 98.343 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

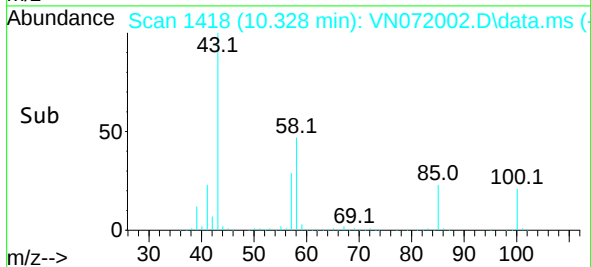
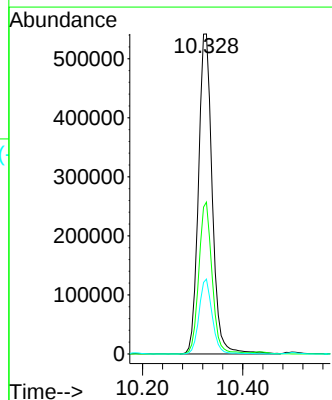
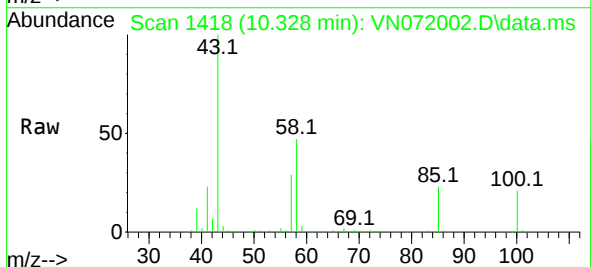
Tgt Ion: 43 Resp: 1032979

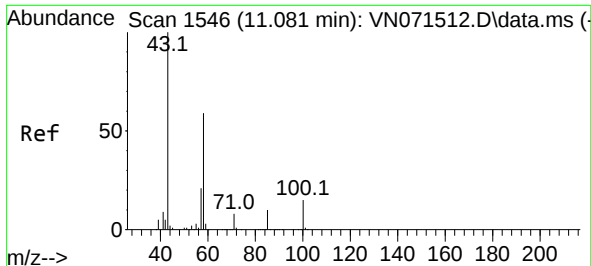
Ion Ratio Lower Upper

43 100

58 45.6 30.0 45.0#

85 22.2 15.0 22.6

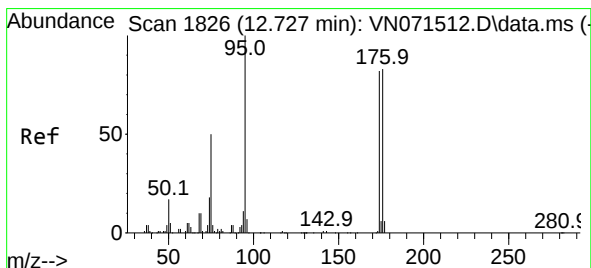
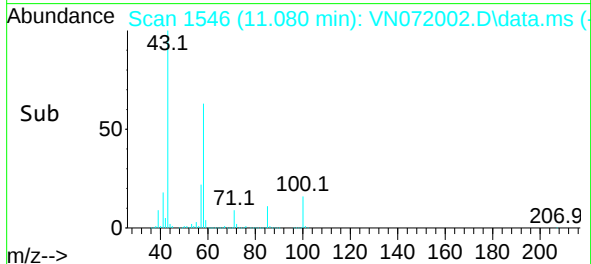
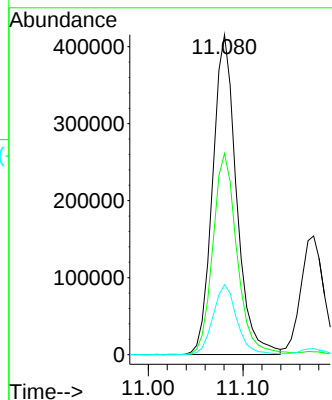
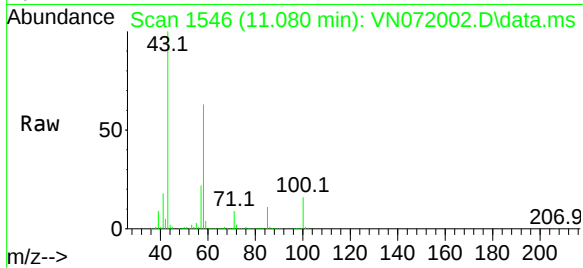




#59
2-Hexanone
Concen: 94.658 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

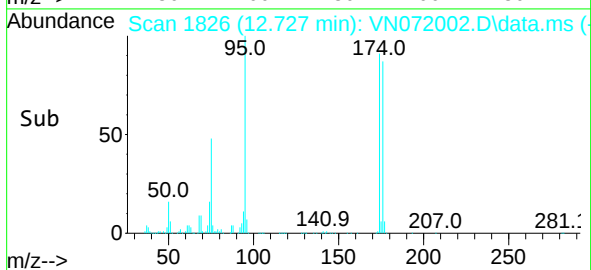
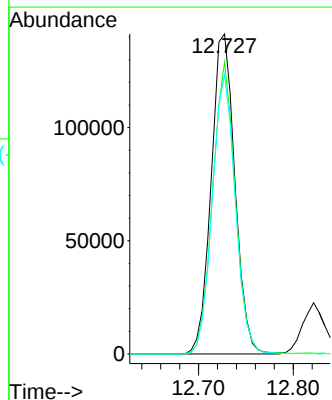
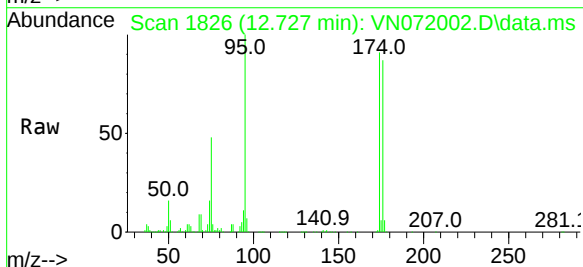
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

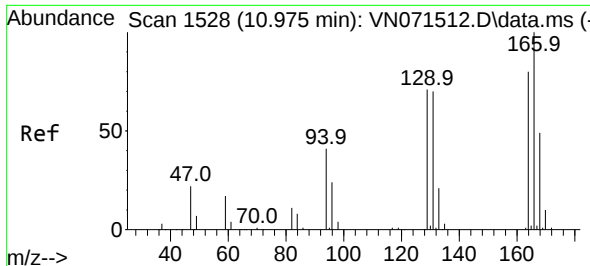
Tgt Ion: 43 Resp: 725931
Ion Ratio Lower Upper
43 100
58 63.8 42.2 63.2#
57 22.0 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.948 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

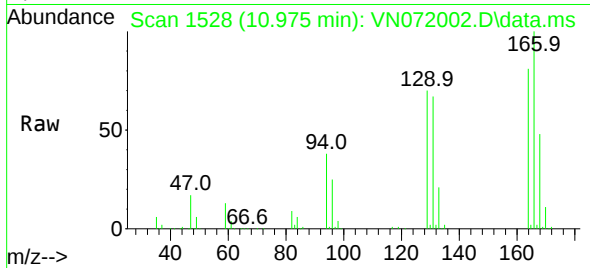
Tgt Ion: 95 Resp: 245713
Ion Ratio Lower Upper
95 100
174 87.4 62.9 94.3
176 84.9 61.0 91.4



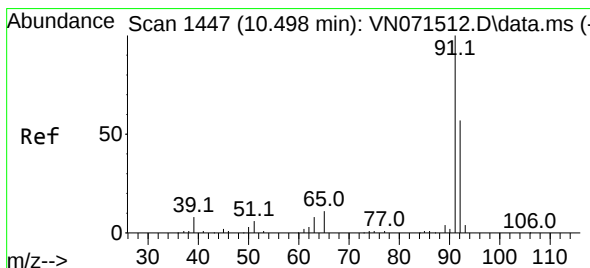
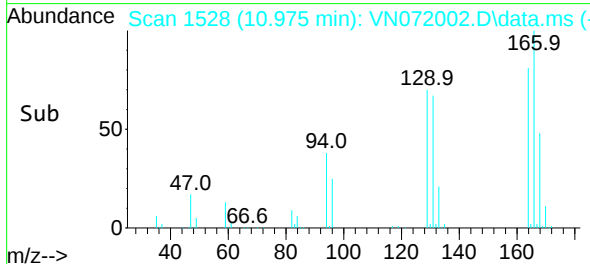
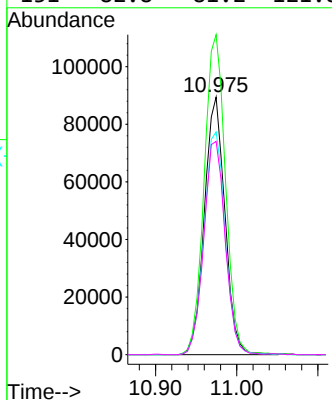


#61
Tetrachloroethene
Concen: 23.387 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

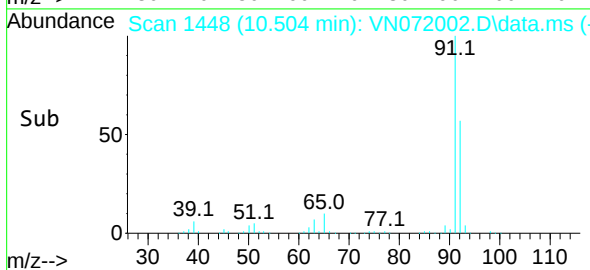
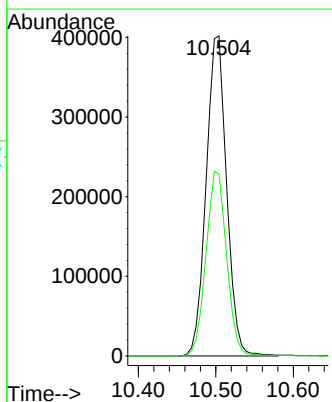
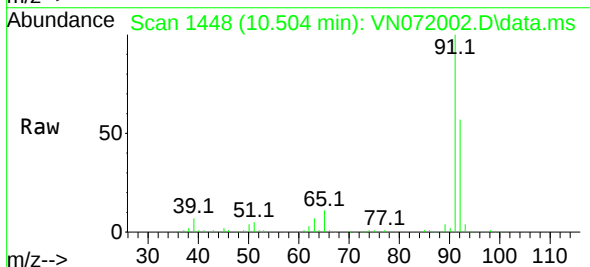


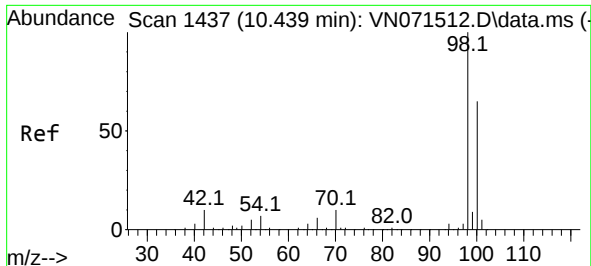
Tgt Ion:164 Resp: 157495
Ion Ratio Lower Upper
164 100
166 124.2 105.8 158.8
129 86.5 82.5 123.7
131 82.8 81.2 121.8



#62
Toluene
Concen: 21.980 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 91 Resp: 737491
Ion Ratio Lower Upper
91 100
92 58.1 44.6 67.0

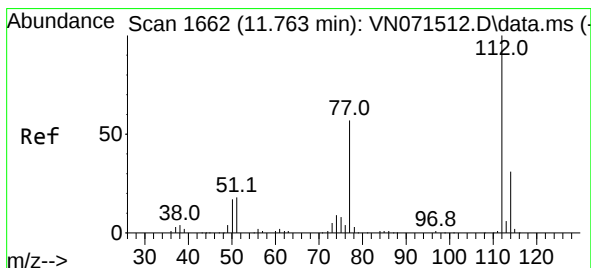
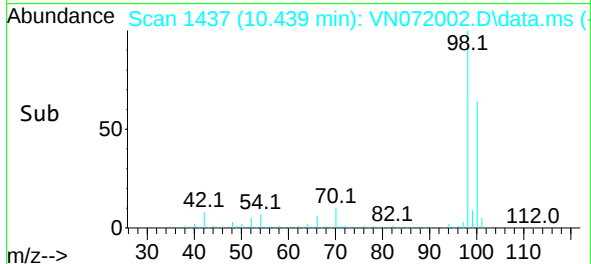
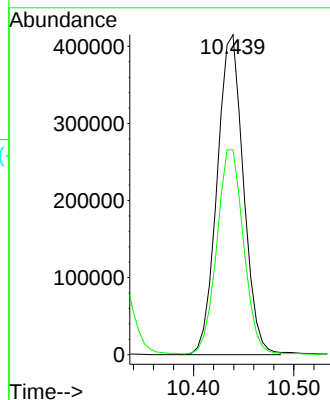
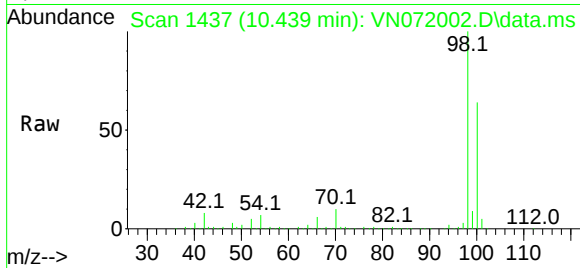




#63
Toluene-d8
Concen: 30.085 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

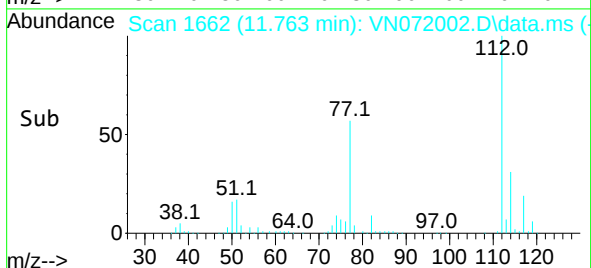
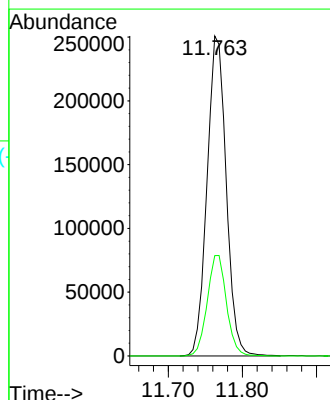
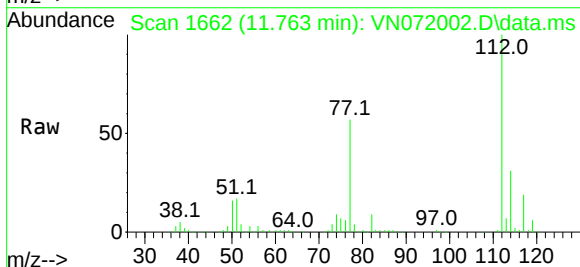
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

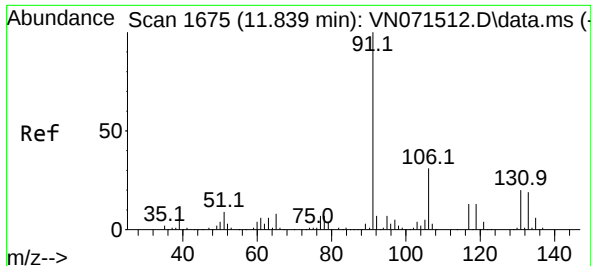
Tgt Ion: 98 Resp: 755683
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0



#64
Chlorobenzene
Concen: 21.777 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 112 Resp: 450687
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

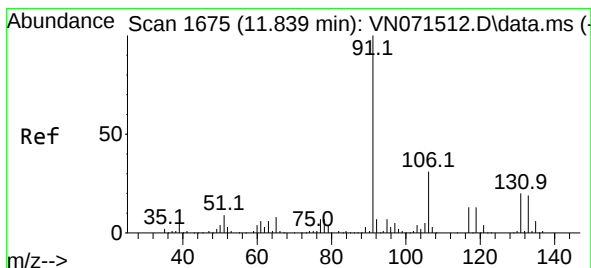
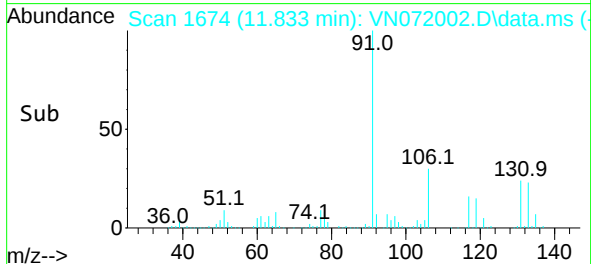
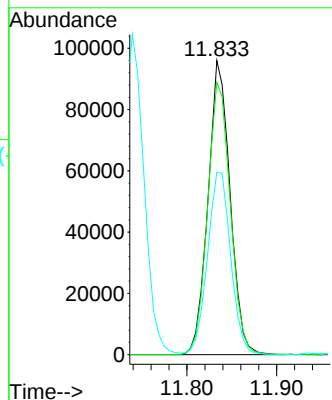
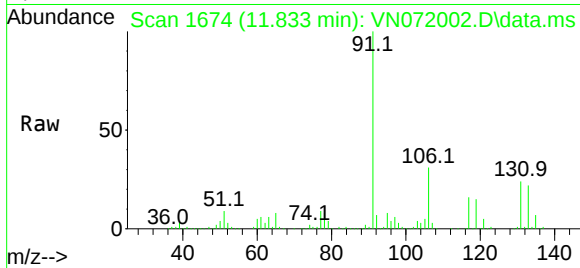




#65
1,1,1,2-Tetrachloroethane
Concen: 21.611 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

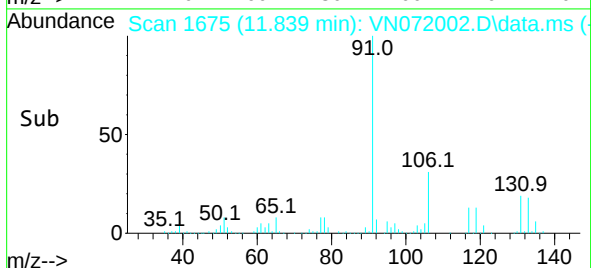
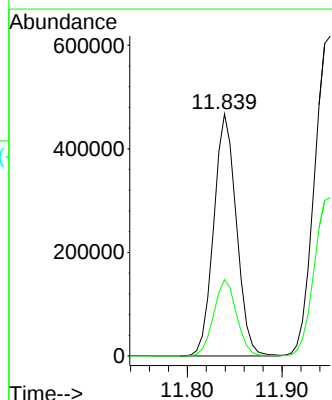
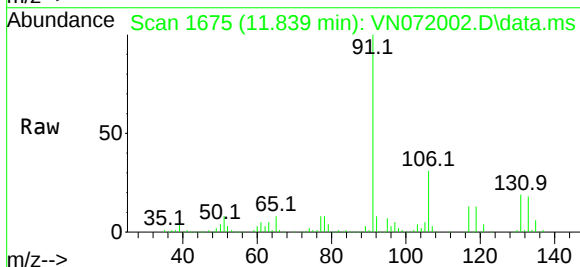
Instrument :
MSVOA_N
ClientSampleId :
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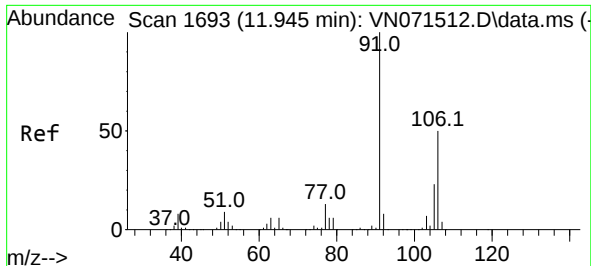
Tgt Ion:131 Resp: 164077
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 65.0 0.0 128.8



#66
Ethyl Benzene
Concen: 21.351 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 91 Resp: 778479
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0

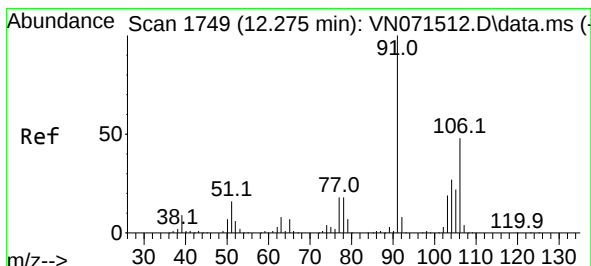
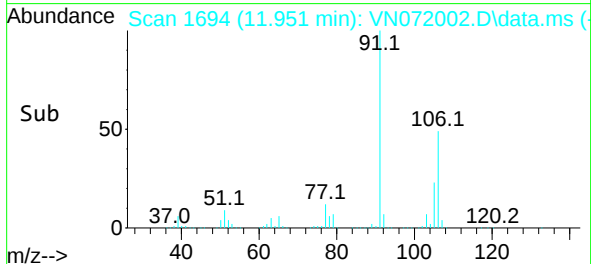
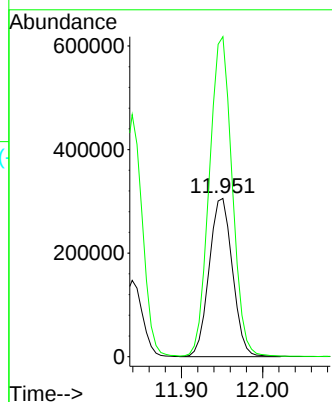
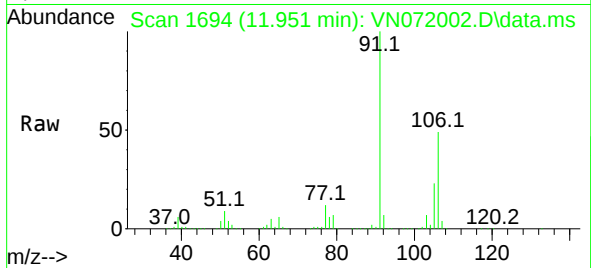




#67
m/p-Xylenes
Concen: 43.084 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

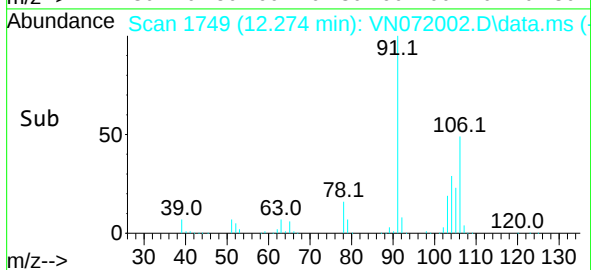
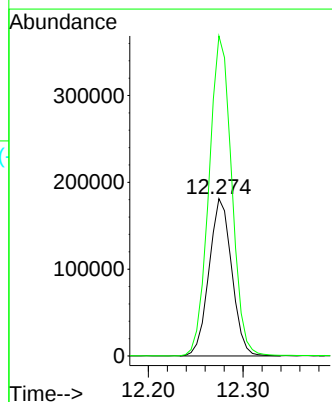
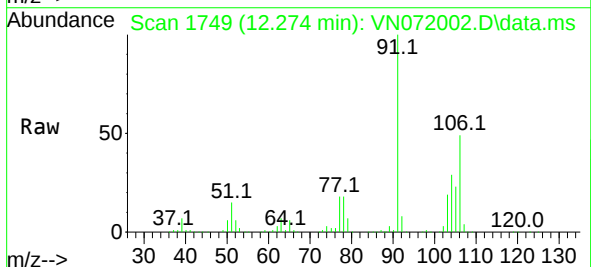
Instrument :
MSVOA_N
ClientSampleId :
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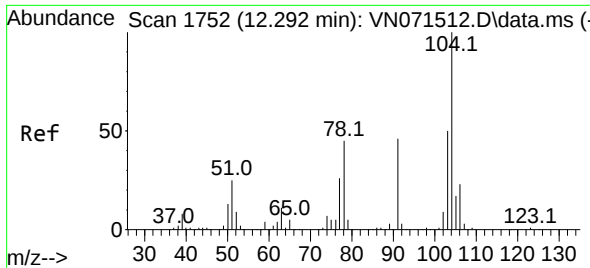
Tgt Ion:106 Resp: 611124
Ion Ratio Lower Upper
106 100
91 198.8 162.9 244.3



#68
o-Xylene
Concen: 21.406 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:106 Resp: 301791
Ion Ratio Lower Upper
106 100
91 204.4 107.7 323.1

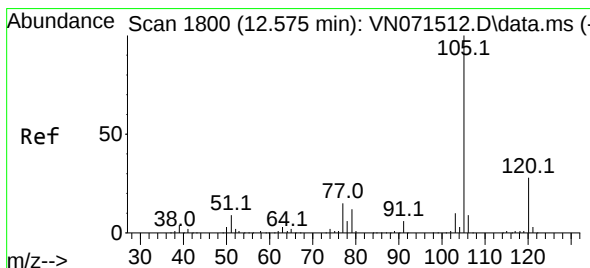
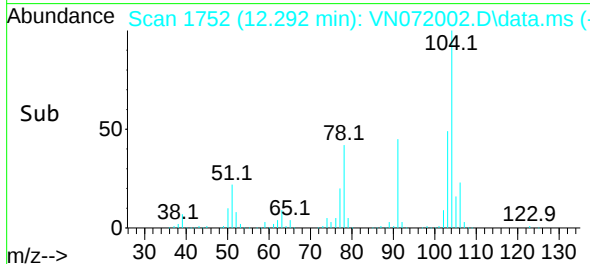
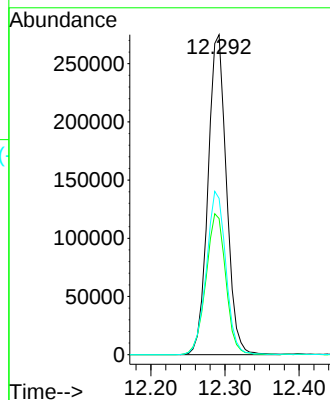
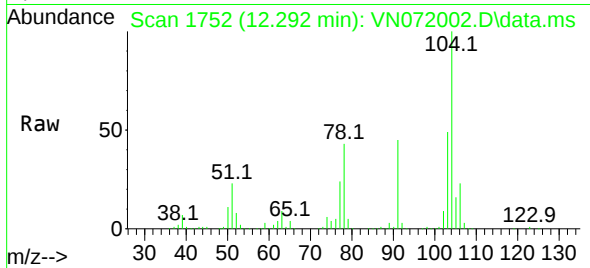




#69
Styrene
Concen: 21.425 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

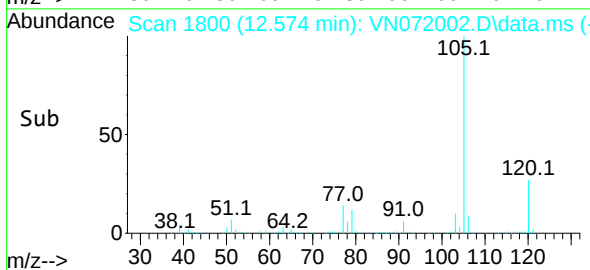
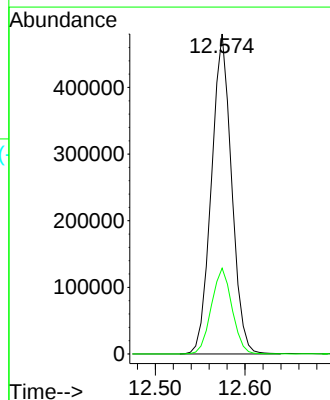
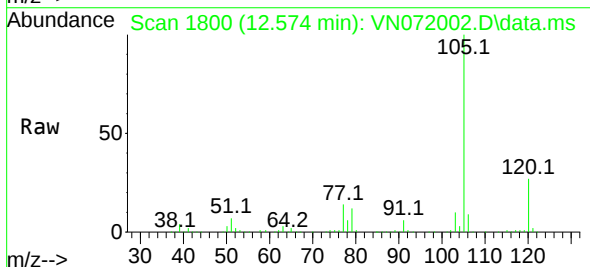
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

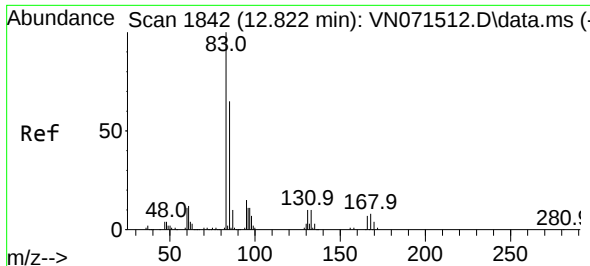
Tgt Ion:104 Resp: 475392
Ion Ratio Lower Upper
104 100
78 47.4 40.7 61.1
103 53.9 45.8 68.8



#70
Isopropylbenzene
Concen: 21.194 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:105 Resp: 749944
Ion Ratio Lower Upper
105 100
120 27.4 18.3 34.1

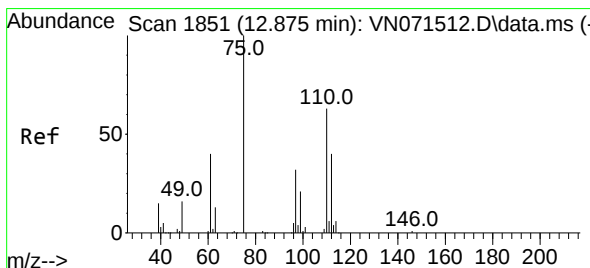
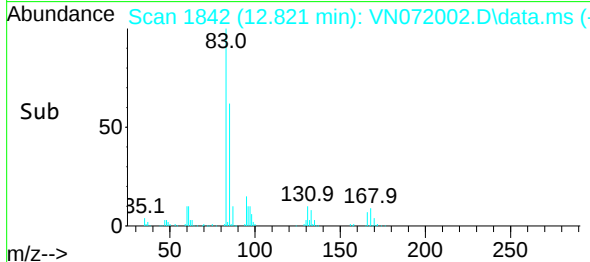
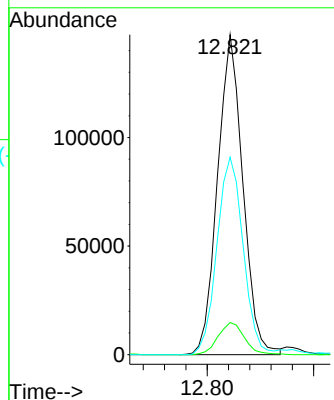
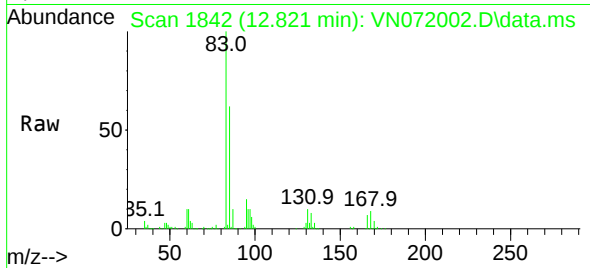




#71
1,1,2,2-Tetrachloroethane
Concen: 21.114 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

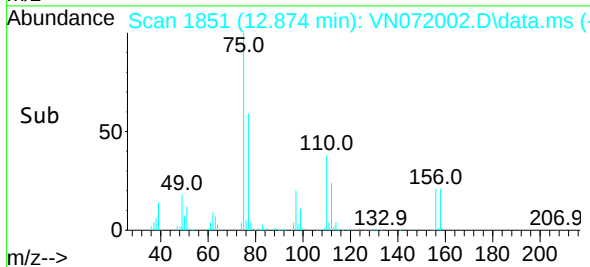
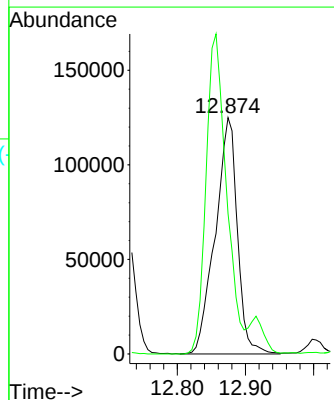
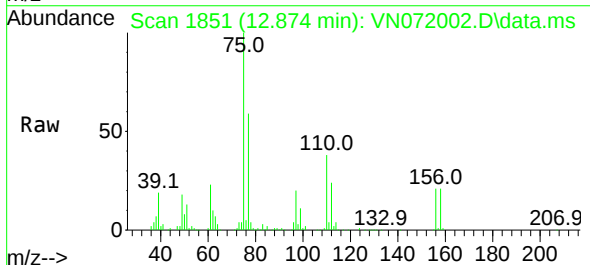
Instrument :
MSVOA_N
ClientSampleId :
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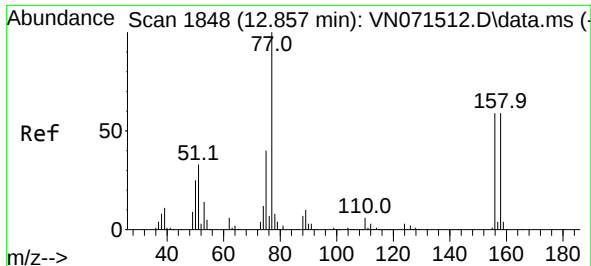
Tgt Ion: 83 Resp: 243157
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.8 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 28.542 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 75 Resp: 282394
Ion Ratio Lower Upper
75 100
77 124.5 0.0 378.0

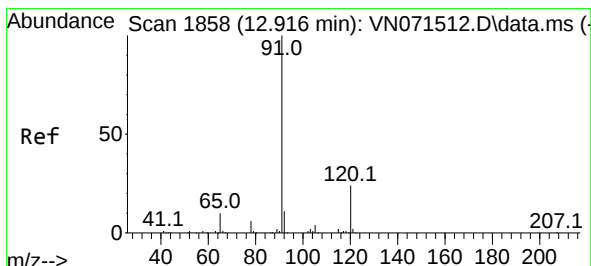
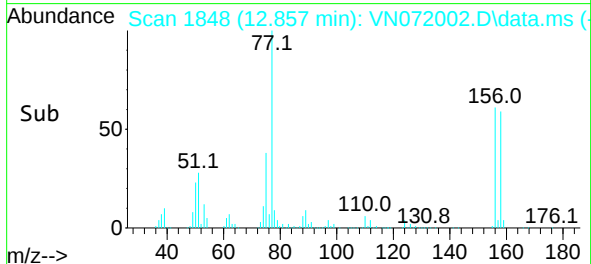
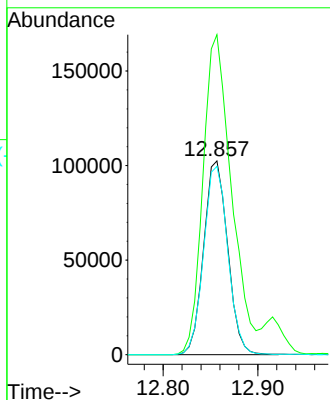
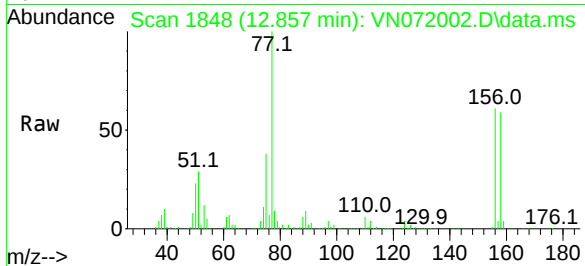




#73
Bromobenzene
Concen: 20.912 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

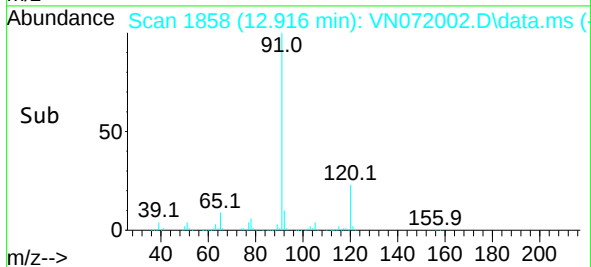
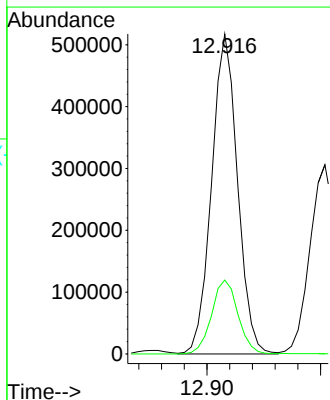
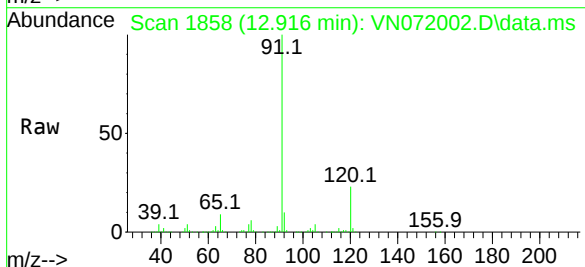
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MSVOA_N
ClientSampleId :
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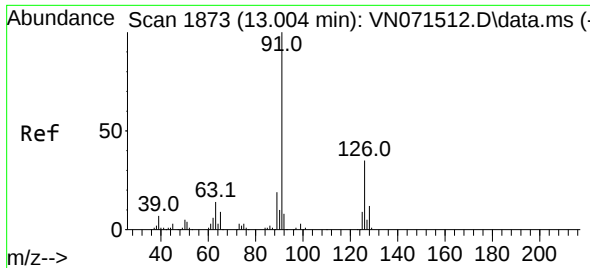
Tgt Ion:156 Resp: 180514
Ion Ratio Lower Upper
156 100
77 194.7 0.0 416.0
158 98.2 0.0 195.4



#74
n-propylbenzene
Concen: 21.208 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 91 Resp: 819063
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0

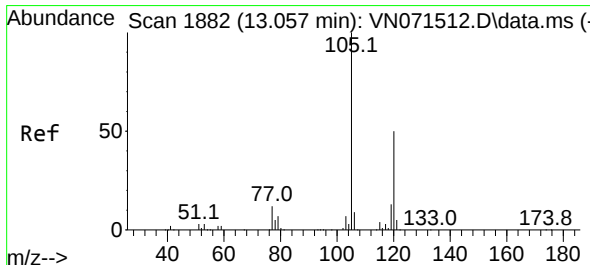
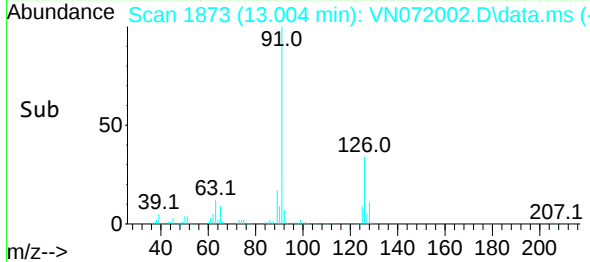
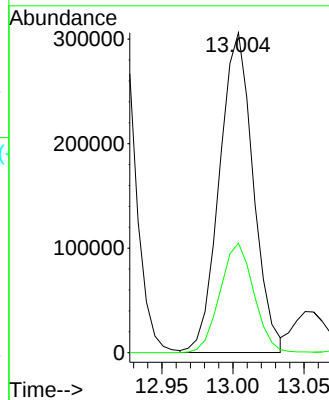
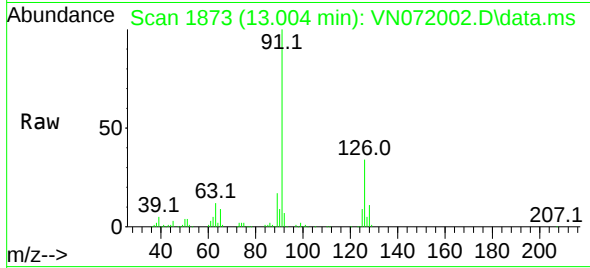




#75
2-Chlorotoluene
Concen: 20.975 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

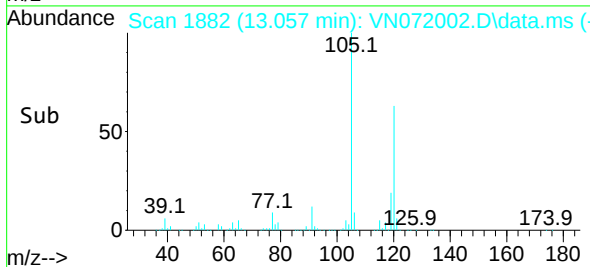
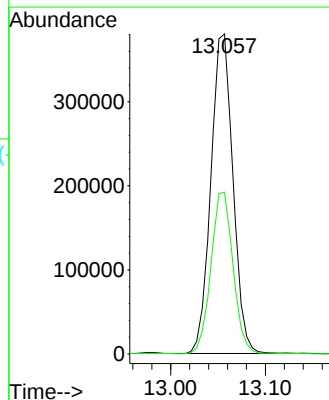
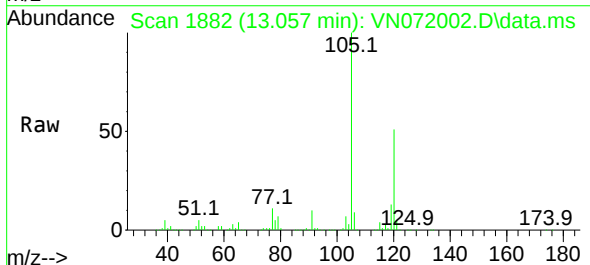
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ClientSampleId :
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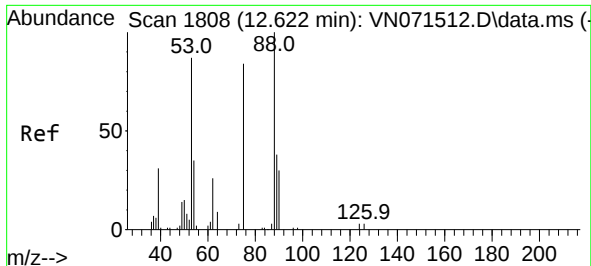
Tgt Ion: 91 Resp: 506211
Ion Ratio Lower Upper
91 100
126 34.3 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 21.752 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 105 Resp: 617501
Ion Ratio Lower Upper
105 100
120 50.9 0.0 93.8

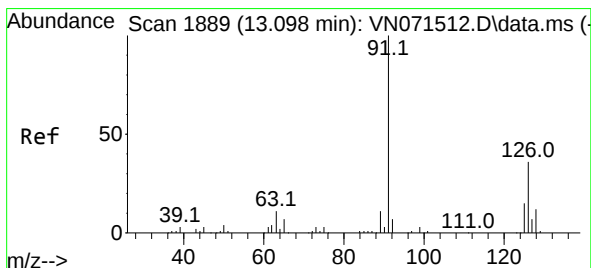
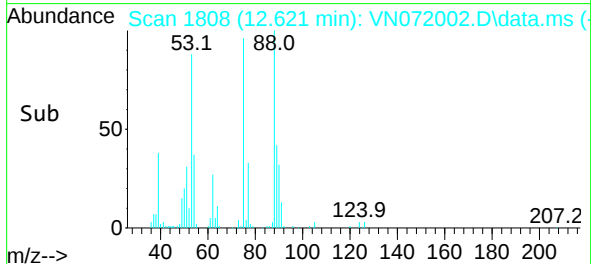
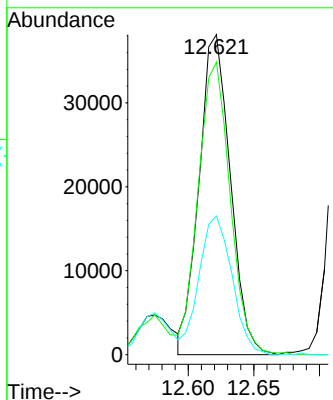
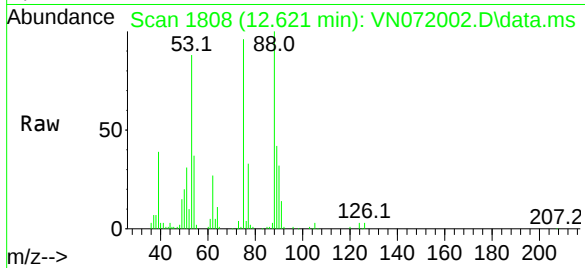




#77
t-1,4-Dichloro-2-butene
Concen: 18.236 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

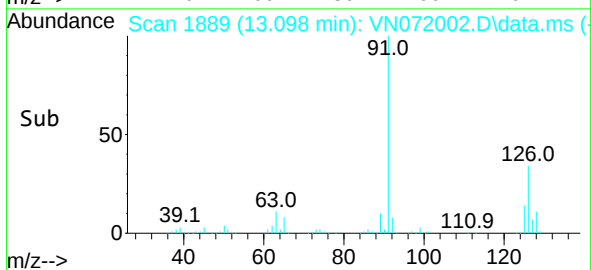
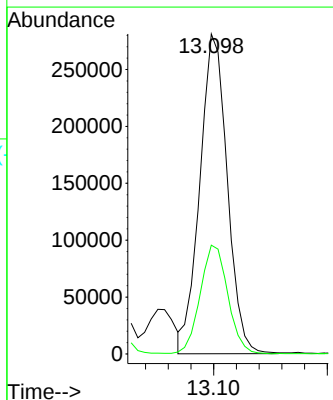
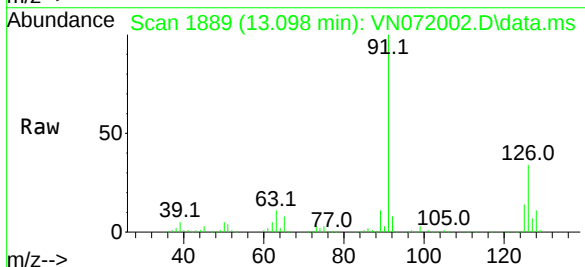
Instrument :
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ClientSampleId :
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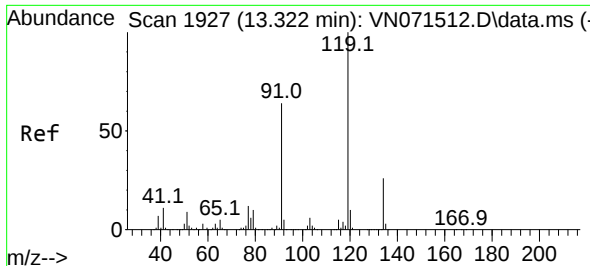
Tgt Ion: 75 Resp: 63352
Ion Ratio Lower Upper
75 100
53 90.9 51.8 155.5
89 43.4 22.9 68.7



#78
4-Chlorotoluene
Concen: 20.904 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 91 Resp: 471182
Ion Ratio Lower Upper
91 100
126 34.5 0.0 70.6

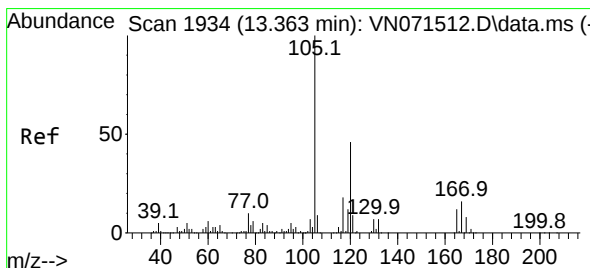
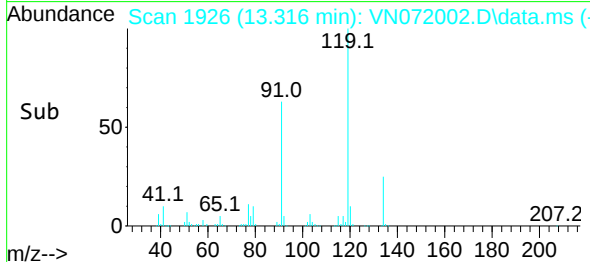
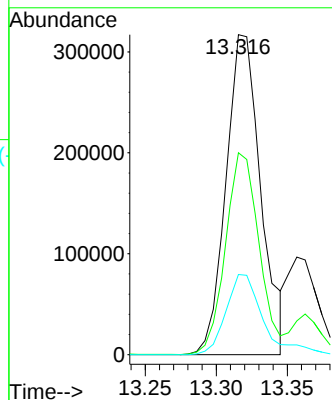
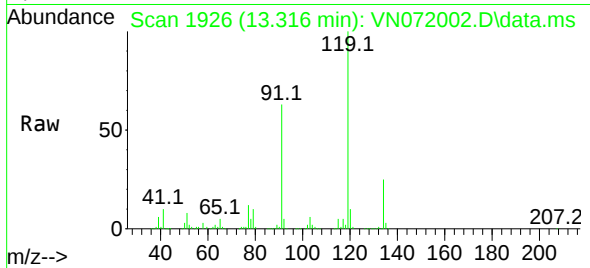




#79
tert-butylbenzene
Concen: 21.135 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

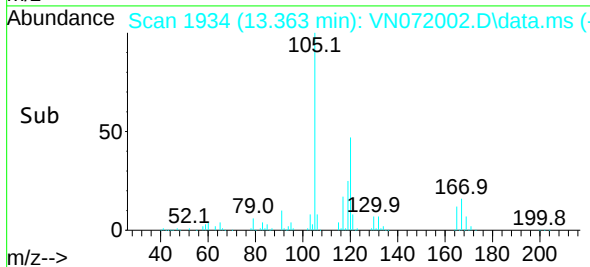
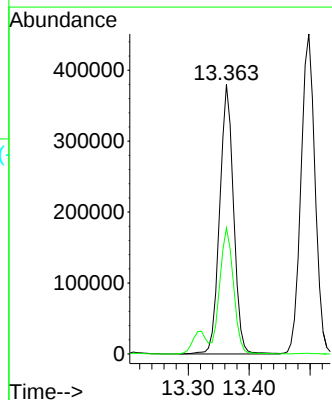
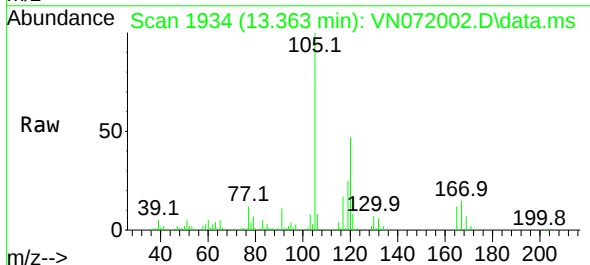
Instrument :
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ClientSampleId :
VSTDCCC020

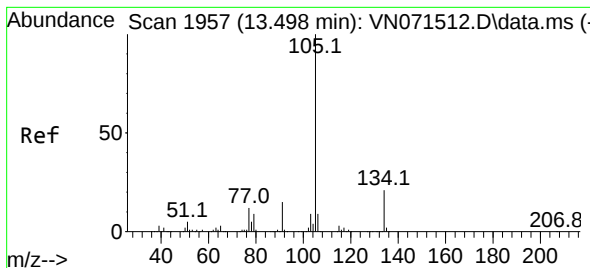
Tgt Ion:119 Resp: 541431
Ion Ratio Lower Upper
119 100
91 60.6 0.0 137.0
134 25.1 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 21.802 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:105 Resp: 600532
Ion Ratio Lower Upper
105 100
120 46.6 0.0 0.2#





#81

sec-Butylbenzene

Concen: 20.978 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

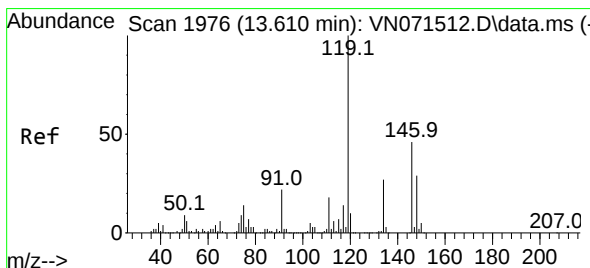
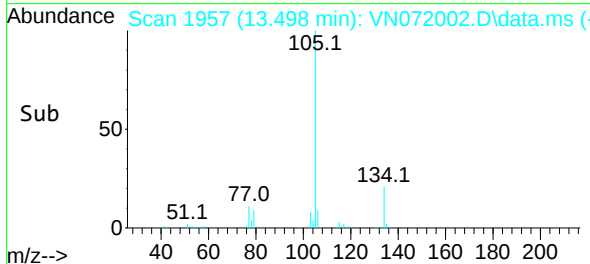
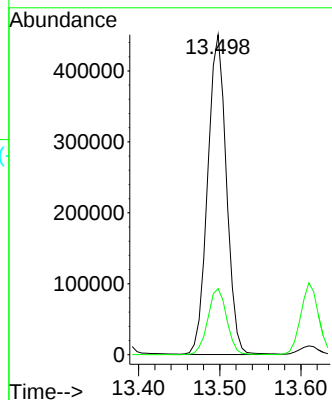
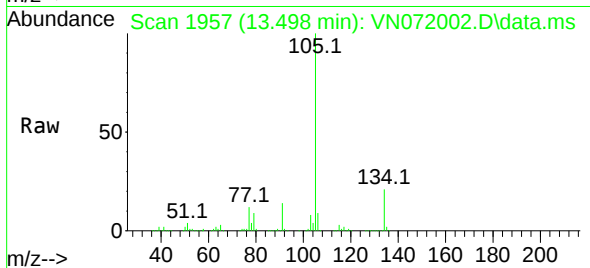
VSTDCCC020

Tgt Ion:105 Resp: 722097

Ion Ratio Lower Upper

105 100

134 20.8 0.0 39.4



#82

p-Isopropyltoluene

Concen: 21.074 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

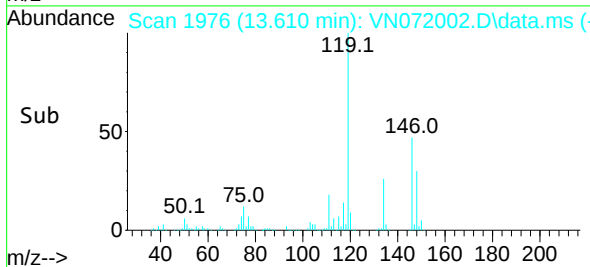
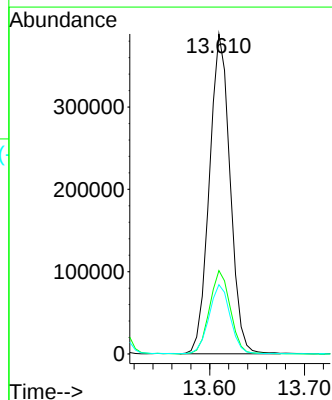
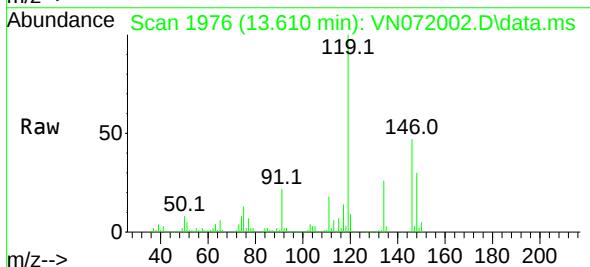
Tgt Ion:119 Resp: 589378

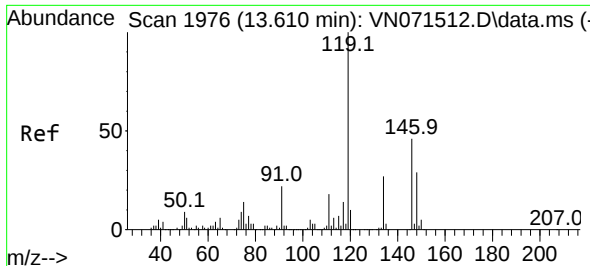
Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.8

91 22.1 0.0 50.4

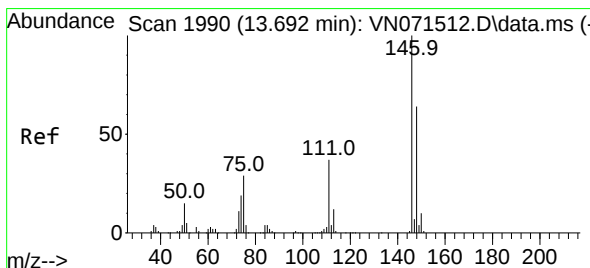
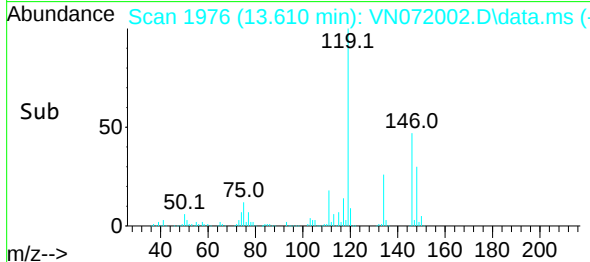
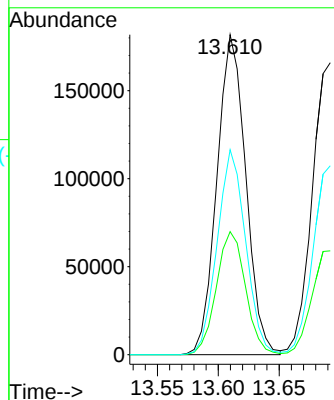
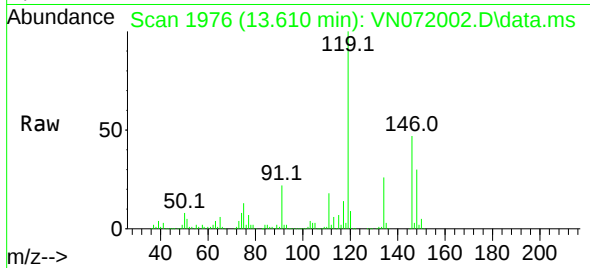




#83
1,3-Dichlorobenzene
Concen: 21.270 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

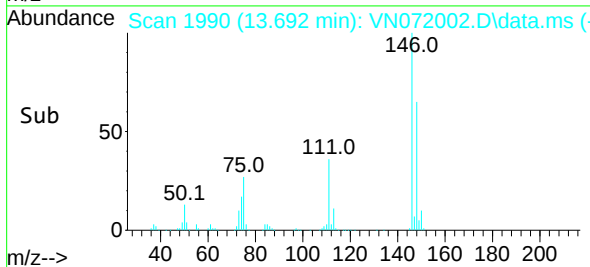
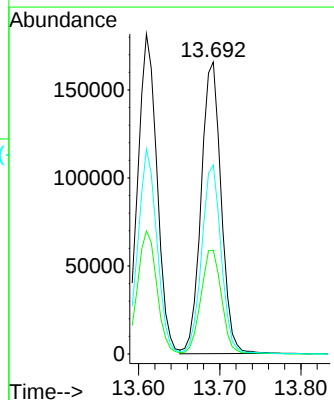
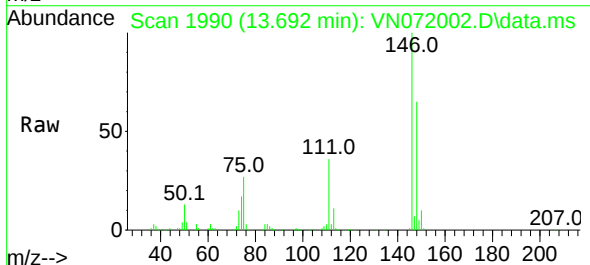
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

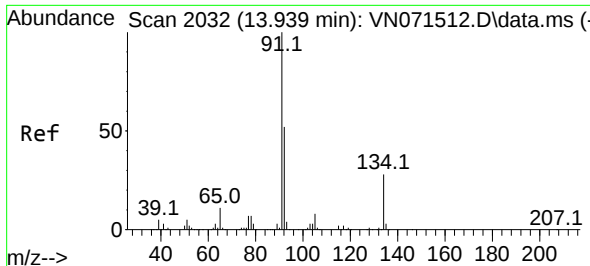
Tgt Ion:146 Resp: 300444
Ion Ratio Lower Upper
146 100
111 38.8 20.8 62.2
148 63.3 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 21.035 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:146 Resp: 283601
Ion Ratio Lower Upper
146 100
111 35.8 19.5 58.5
148 62.2 31.1 93.5

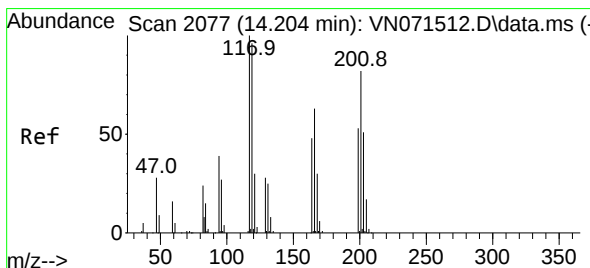
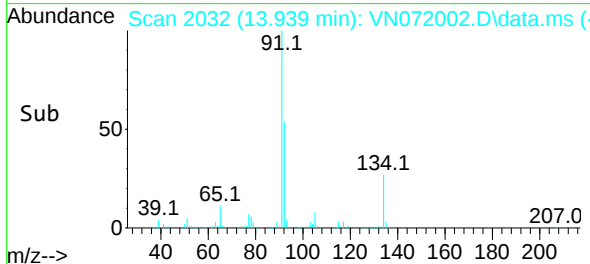
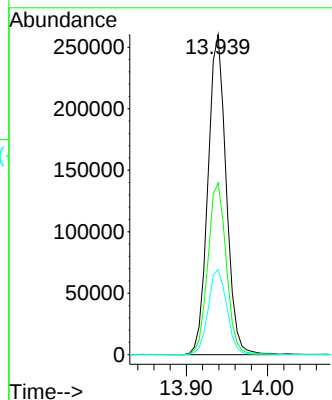
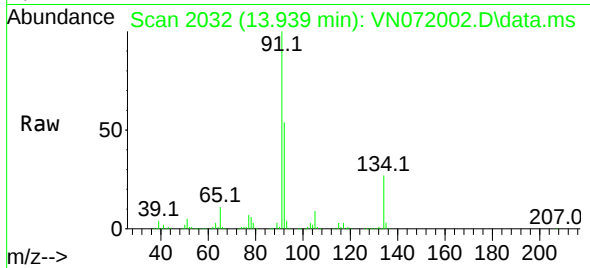




#85
n-Butylbenzene
Concen: 19.537 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

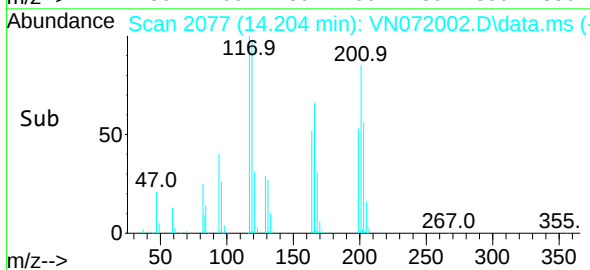
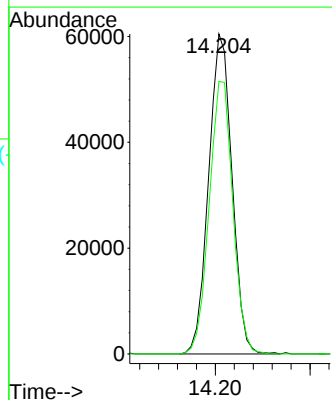
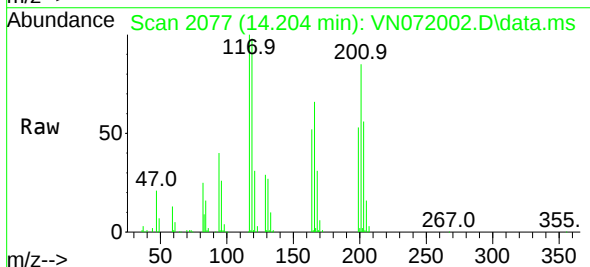
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

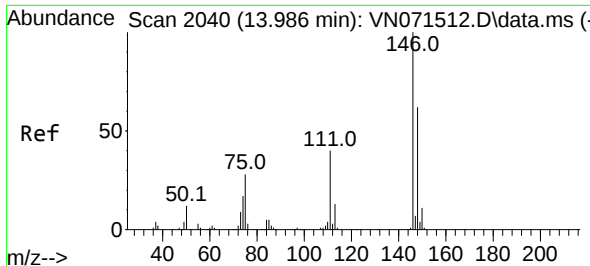
Tgt Ion: 91 Resp: 405841
Ion Ratio Lower Upper
91 100
92 54.1 0.0 100.6
134 27.3 0.0 50.2



#86
Hexachloroethane
Concen: 19.879 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion: 117 Resp: 103821
Ion Ratio Lower Upper
117 100
201 86.3 33.3 99.8

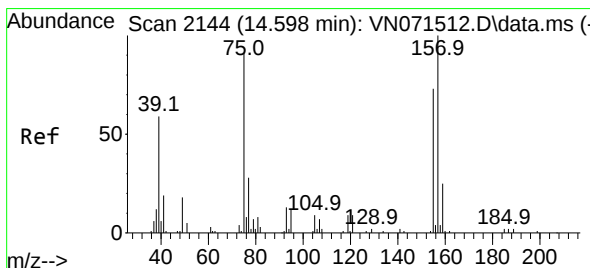
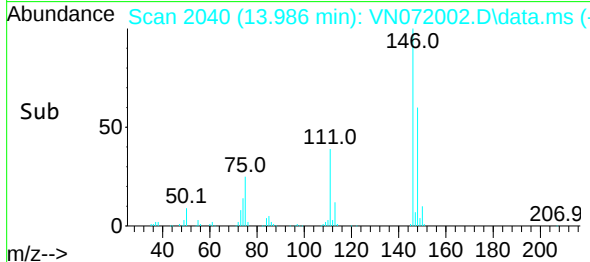
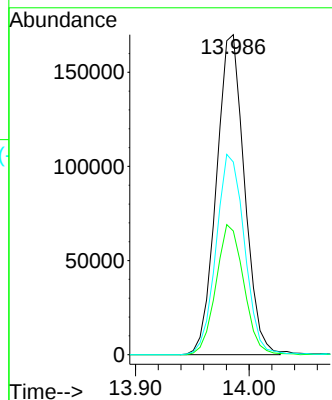
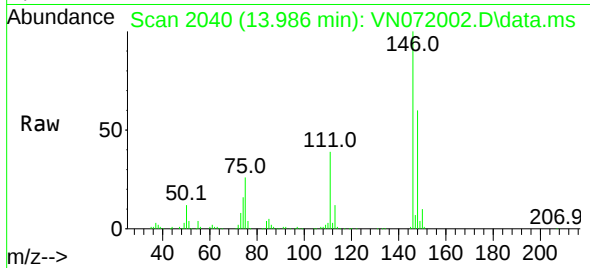




#87
 1,2-Dichlorobenzene
 Concen: 21.351 ug/l
 RT: 13.986 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: VN072002.D
 Acq: 15 Apr 2022 14:46

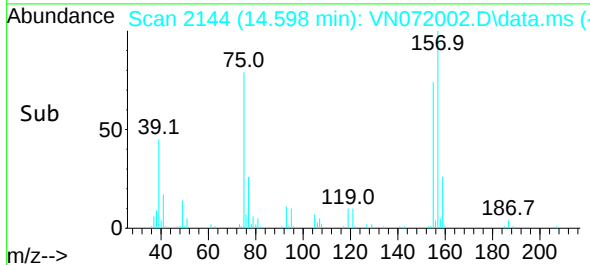
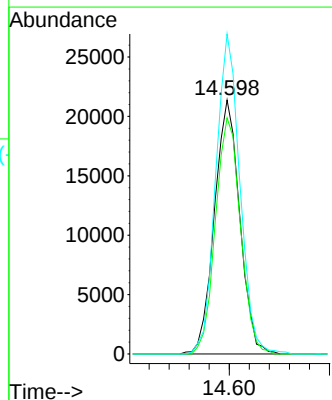
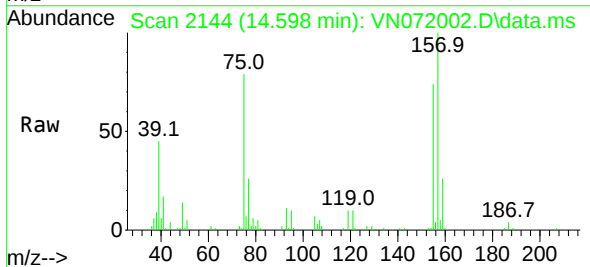
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

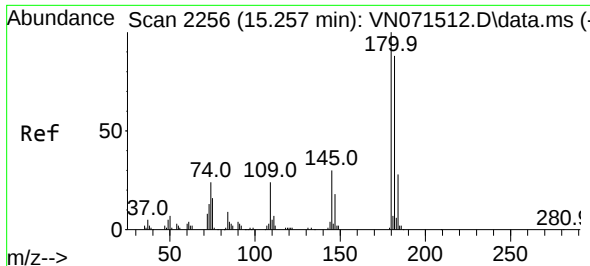
Tgt Ion:146 Resp: 291567
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.4 64.2
 148 63.7 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.270 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN072002.D
 Acq: 15 Apr 2022 14:46

Tgt Ion: 75 Resp: 37436
 Ion Ratio Lower Upper
 75 100
 155 91.5 63.8 95.8
 157 120.0 77.9 116.9#

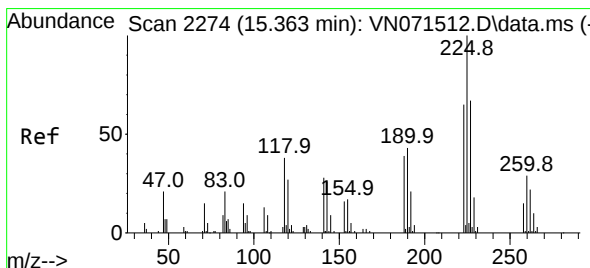
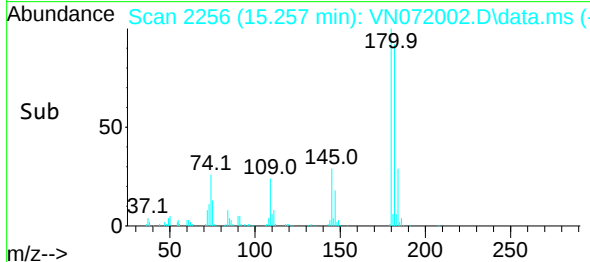
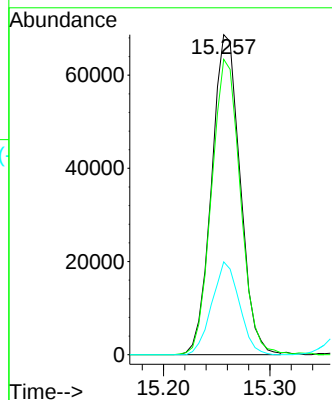
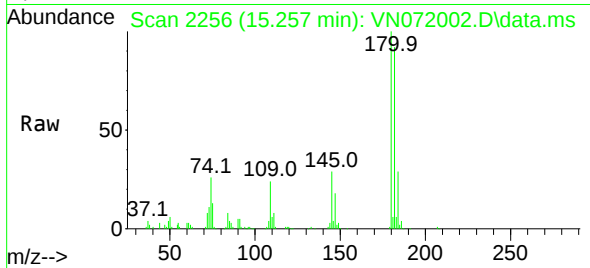




#89
1,2,4-Trichlorobenzene
Concen: 20.210 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

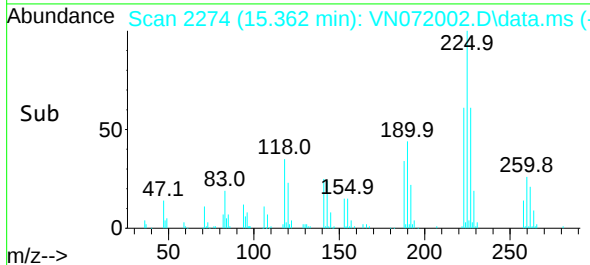
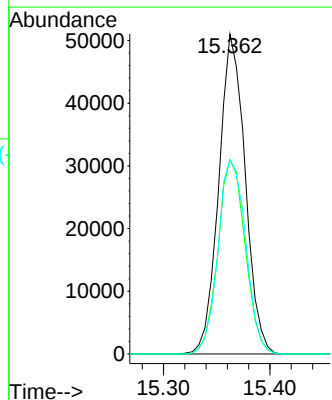
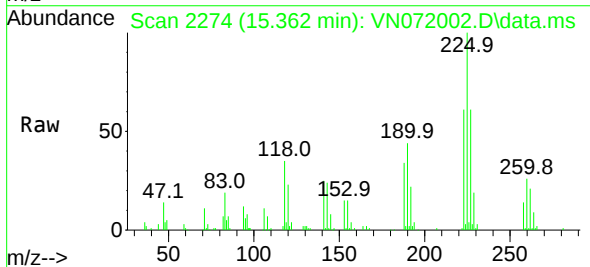
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

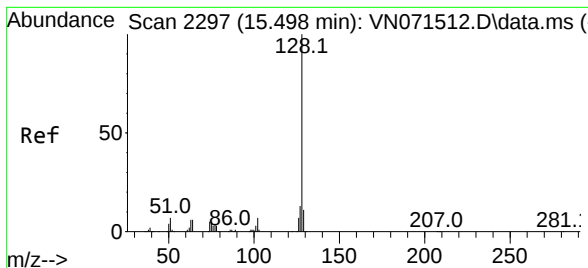
Tgt Ion:180 Resp: 127577
Ion Ratio Lower Upper
180 100
182 93.4 77.7 116.5
145 28.0 26.6 39.8



#90
Hexachlorobutadiene
Concen: 23.422 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072002.D
Acq: 15 Apr 2022 14:46

Tgt Ion:225 Resp: 87612
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.8
227 63.8 0.0 123.0





#91

Naphthalene

Concen: 19.731 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

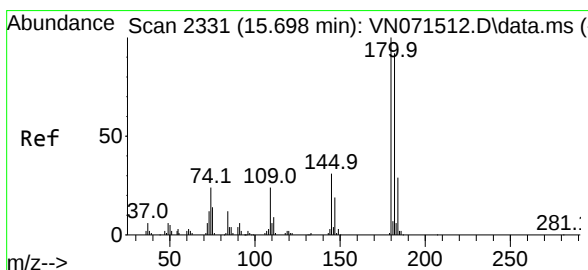
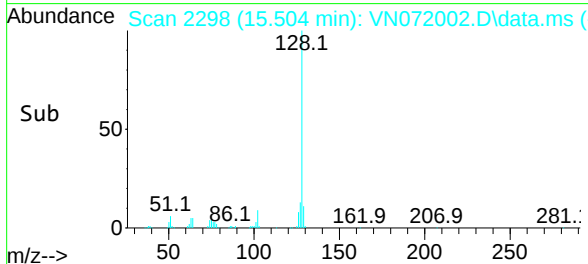
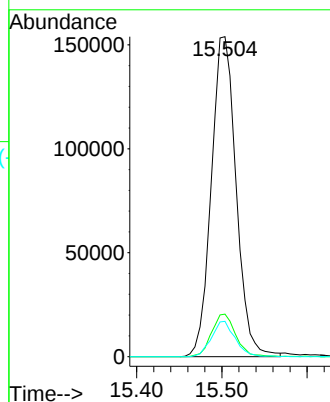
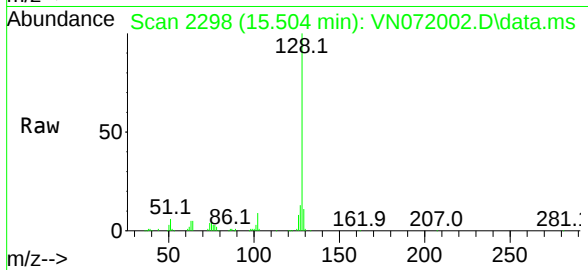
Tgt Ion:128 Resp: 312470

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.5 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 20.030 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN072002.D

Acq: 15 Apr 2022 14:46

Tgt Ion:180 Resp: 124004

Ion Ratio Lower Upper

180 100

182 95.1 0.0 190.0

145 30.7 0.0 67.8

