

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072037.D
 Acq On : 18 Apr 2022 18:29
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Apr 19 01:20:24 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	82572	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	421146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	382474	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.427	65	165763	28.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.967%
60) 4-Bromofluorobenzene	12.727	95	167203	29.483	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.267%
63) Toluene-d8	10.439	98	521365	30.029	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	88916	17.300	ug/l	99
3) Chloromethane	2.304	50	107819	17.799	ug/l	99
4) Vinyl Chloride	2.446	62	98189	14.134	ug/l	100
5) Bromomethane	2.863	94	76303	18.640	ug/l	99
6) Chloroethane	3.028	64	67368	15.144	ug/l	96
7) Trichlorofluoromethane	3.381	101	129137	15.944	ug/l	98
8) Diethyl Ether	3.828	74	65196	19.157	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	83394	17.193	ug/l #	62
10) 1,1-Dichloroethene	4.181	96	82315	17.207	ug/l	89
11) Methyl Iodide	4.422	142	129058	18.411	ug/l	88
12) Methyl Acetate	4.851	43	124906	18.527	ug/l	97
13) Acrolein	4.040	56	45362	63.246	ug/l	99
14) Acrylonitrile	5.545	53	281123	92.069	ug/l	96
16) Carbon Disulfide	4.534	76	213943	17.177	ug/l	98
17) Allyl chloride	4.839	41	123868	15.964	ug/l	78
18) Methylene Chloride	5.098	84	117175	20.418	ug/l	95
19) trans-1,2-Dichloroethene	5.598	96	93324	18.239	ug/l	97
20) Diisopropyl ether	6.486	45	302921	18.659	ug/l	95
21) 1,1-Dichloroethane	6.381	63	180260	18.391	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	117331	18.875	ug/l	94
23) tert-Butyl Alcohol	5.357	59	57666	52.927	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	326731	18.925	ug/l #	89
25) Chloroform	7.810	83	188428	19.114	ug/l	93
26) Cyclohexane	8.092	56	133739	15.785	ug/l #	96
29) 1,1-Dichloropropene	8.216	75	121467	17.819	ug/l	100
30) 2-Butanone	7.328	43	320036	84.344	ug/l	95
31) 2,2-Dichloropropane	7.322	77	127804	16.458	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	146563	18.460	ug/l	97
33) Carbon Tetrachloride	8.198	117	119044	17.714	ug/l	96
34) Benzene	8.457	78	426193	20.124	ug/l	97
35) Methacrylonitrile	7.633	41	72906	20.026	ug/l	92
36) 1,2-Dichloroethane	8.522	62	146377	19.812	ug/l #	93
37) Trichloroethene	9.210	130	104196	19.067	ug/l	93
38) Methylcyclohexane	9.457	83	147348	17.149	ug/l	99
39) 1,2-Dichloropropane	9.486	63	109290	20.626	ug/l	98
40) Dibromomethane	9.569	93	75750	21.121	ug/l	85
41) Bromodichloromethane	9.757	83	145531	20.277	ug/l	96
42) Vinyl Acetate	6.428	43	1240782	95.435	ug/l #	94
43) Ethyl Acetate	7.404	43	133064	18.085	ug/l	100

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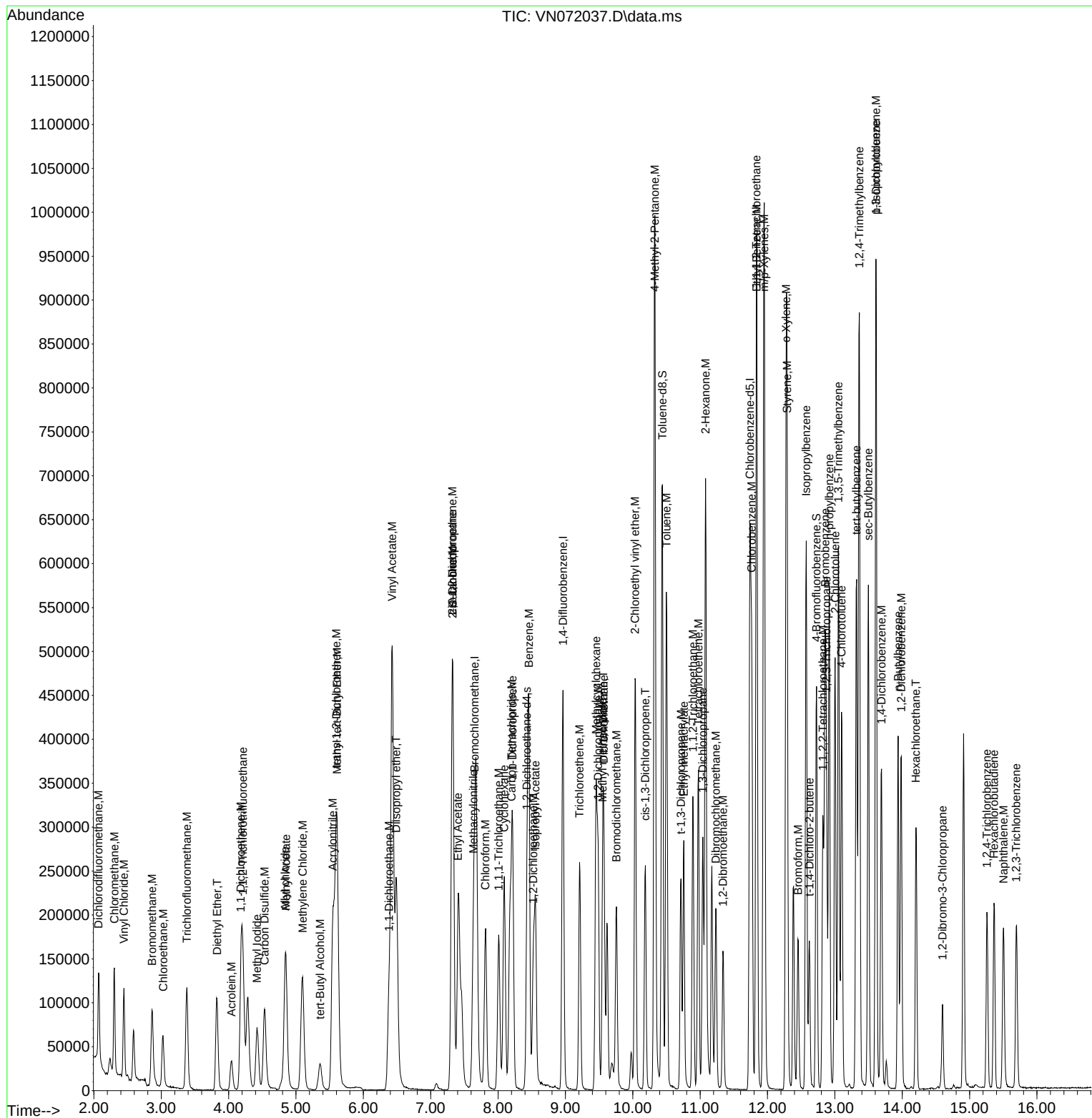
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.551	43	217756	18.452	ug/l	90
45) 1,4-Dioxane	9.563	88	25330	212.744	ug/l	95
46) Methyl methacrylate	9.551	41	89456	17.286	ug/l	76
48) t-1,3-Dichloropropene	10.716	75	145944	18.709	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	165772	19.433	ug/l #	81
50) 1,1,2-Trichloroethane	10.892	97	115472	21.537	ug/l	98
51) Ethyl methacrylate	10.757	69	160202	19.352	ug/l	79
52) 1,3-Dichloropropane	11.039	76	191046	20.865	ug/l	100
53) Dibromochloromethane	11.233	129	115594	20.827	ug/l	99
54) 1,2-Dibromoethane	11.339	107	115058	20.862	ug/l	96
55) 2-Chloroethyl vinyl ether	10.033	63	226589	101.586	ug/l	99
56) Bromoform	12.451	173	87837	20.526	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	670270	92.318	ug/l #	89
59) 2-Hexanone	11.080	43	453845	85.615	ug/l #	86
61) Tetrachloroethene	10.974	164	95295	20.472	ug/l	88
62) Toluene	10.498	91	459286	19.804	ug/l	96
64) Chlorobenzene	11.763	112	280553	19.612	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	105002	20.008	ug/l	99
66) Ethyl Benzene	11.839	91	456659	18.119	ug/l	96
67) m/p-Xylenes	11.951	106	369229	37.659	ug/l	94
68) o-Xylene	12.274	106	178893	18.357	ug/l	97
69) Styrene	12.292	104	286569	18.685	ug/l	97
70) Isopropylbenzene	12.574	105	433931	17.741	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	163445	20.532	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	181230	26.500	ug/l	54
73) Bromobenzene	12.857	156	112888	18.919	ug/l	95
74) n-propylbenzene	12.915	91	466912	17.491	ug/l	99
75) 2-Chlorotoluene	13.004	91	302785	18.150	ug/l	99
76) 1,3,5-Trimethylbenzene	13.051	105	363203	18.509	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	40388	16.819	ug/l	87
78) 4-Chlorotoluene	13.098	91	278576	17.880	ug/l	99
79) tert-butylbenzene	13.321	119	315528	17.819	ug/l	93
80) 1,2,4-Trimethylbenzene	13.362	105	354689	18.629	ug/l #	80
81) sec-Butylbenzene	13.498	105	411740	17.305	ug/l	97
82) p-Isopropyltoluene	13.609	119	339958	17.586	ug/l	97
83) 1,3-Dichlorobenzene	13.609	146	180261	18.463	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	174417	18.716	ug/l	98
85) n-Butylbenzene	13.939	91	226698	15.788	ug/l	97
86) Hexachloroethane	14.204	117	59700	16.538	ug/l	77
87) 1,2-Dichlorobenzene	13.986	146	183652	19.456	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	25286	17.853	ug/l	84
89) 1,2,4-Trichlorobenzene	15.256	180	74916	17.170	ug/l	96
90) Hexachlorobutadiene	15.362	225	48777	18.865	ug/l	98
91) Naphthalene	15.503	128	192058	18.307	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	77065	18.009	ug/l	98

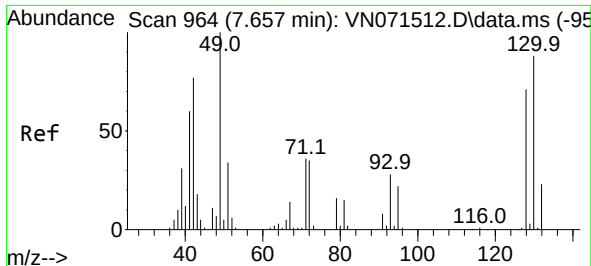
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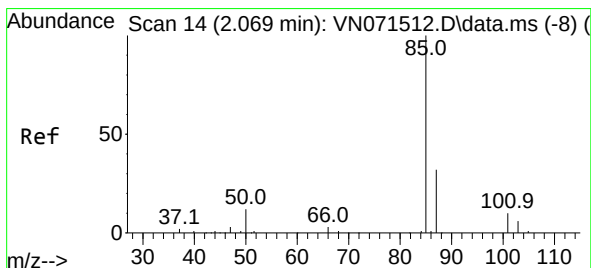
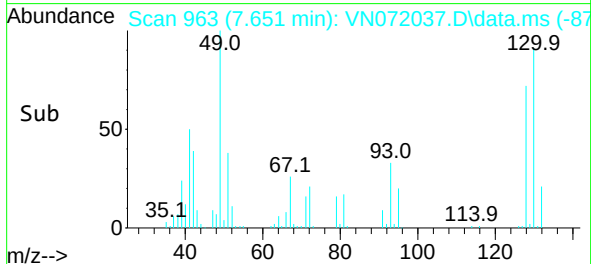
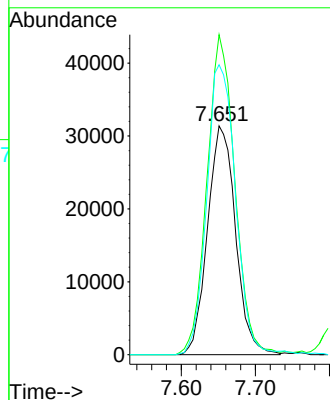
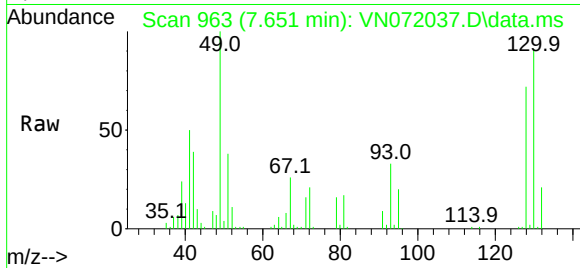




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN072037.D
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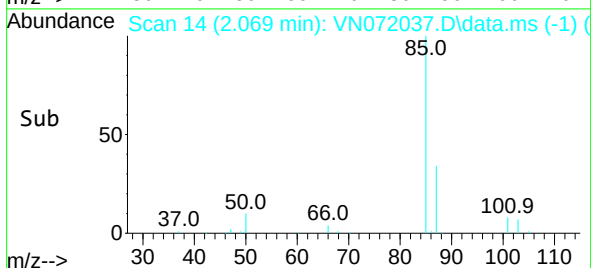
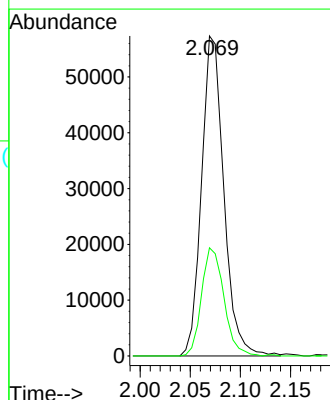
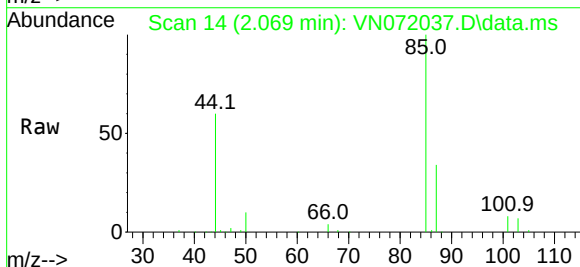
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MSVOA_N
ClientSampleId :
VSTDCCC020

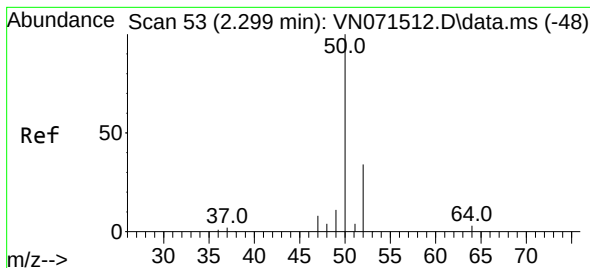
Tgt Ion:128 Resp: 82572
Ion Ratio Lower Upper
128 100
49 138.1 0.0 392.3
130 129.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 17.300 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 85 Resp: 88916
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.7





#3

Chloromethane

Concen: 17.799 ug/l

RT: 2.304 min Scan# 54

Delta R.T. 0.006 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

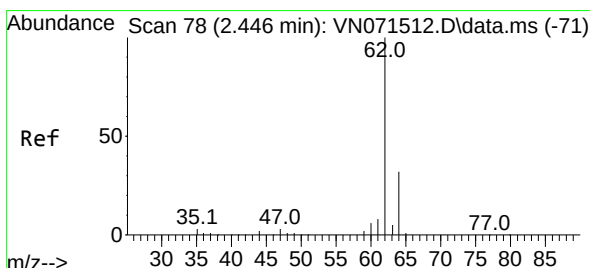
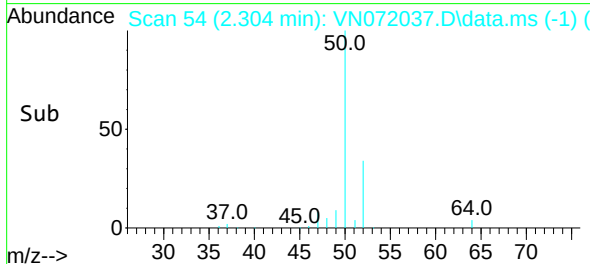
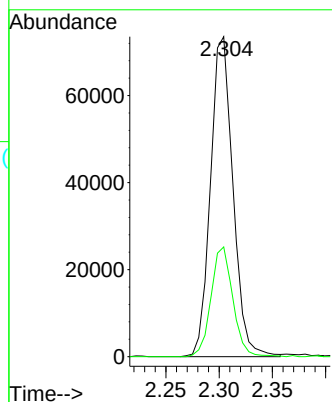
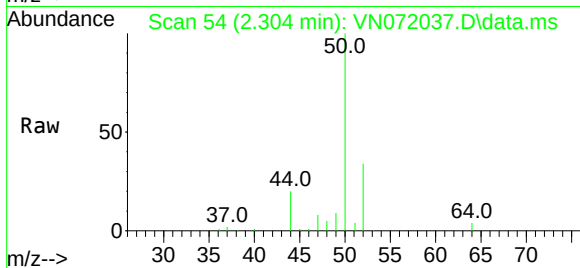
VSTDCCC020

Tgt Ion: 50 Resp: 107819

Ion Ratio Lower Upper

50 100

52 34.3 27.8 41.6



#4

Vinyl Chloride

Concen: 14.134 ug/l

RT: 2.446 min Scan# 78

Delta R.T. -0.000 min

Lab File: VN072037.D

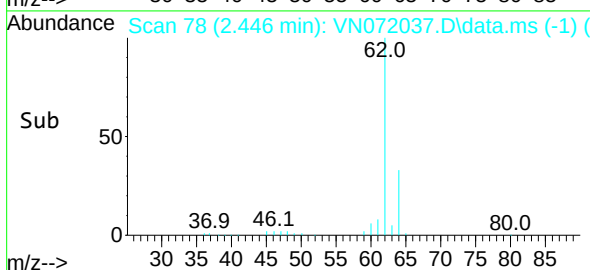
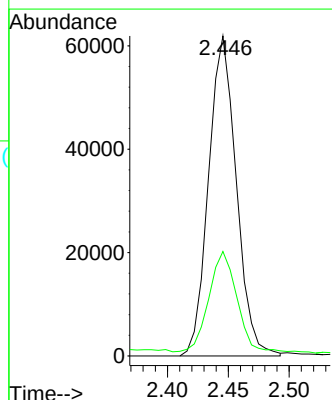
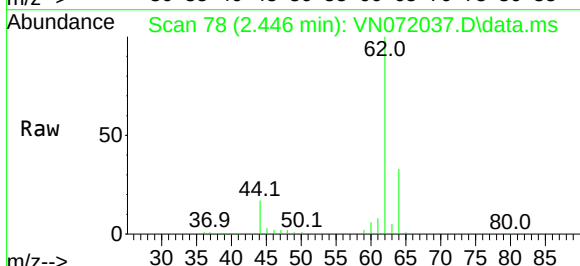
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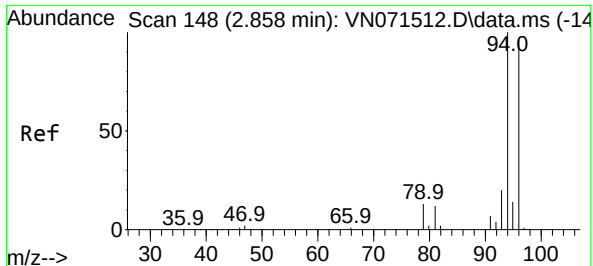
Tgt Ion: 62 Resp: 98189

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7

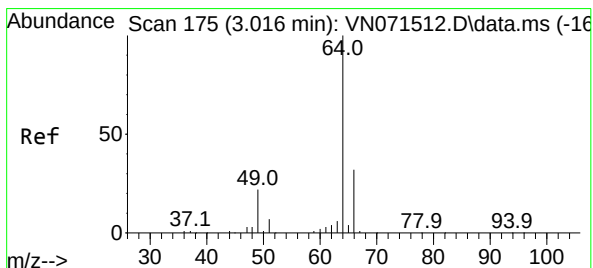
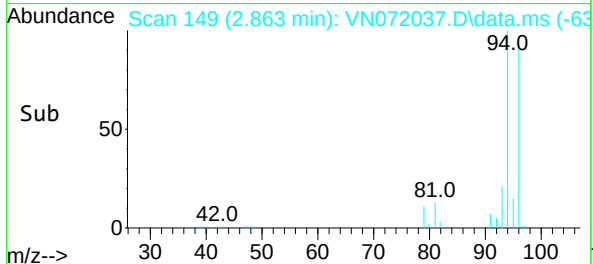
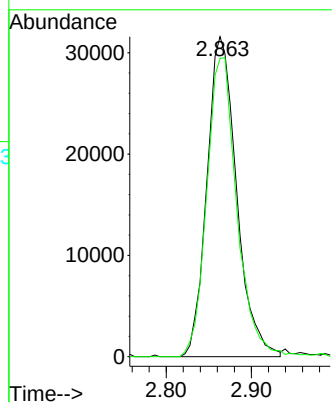
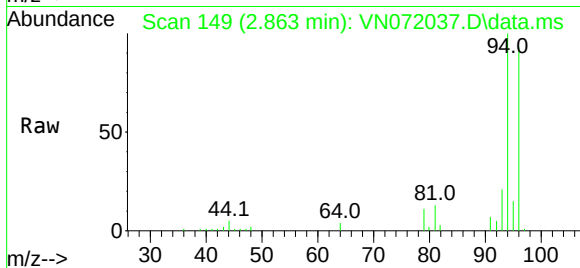




#5
Bromomethane
Concen: 18.640 ug/l
RT: 2.863 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

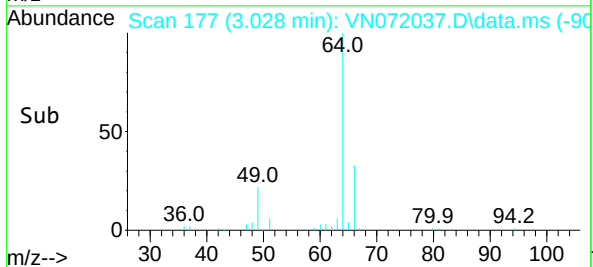
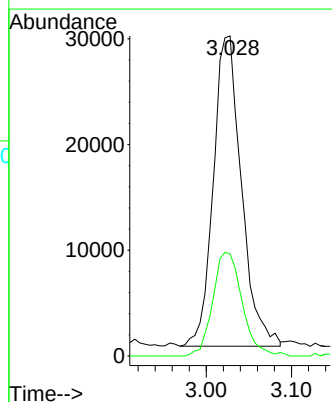
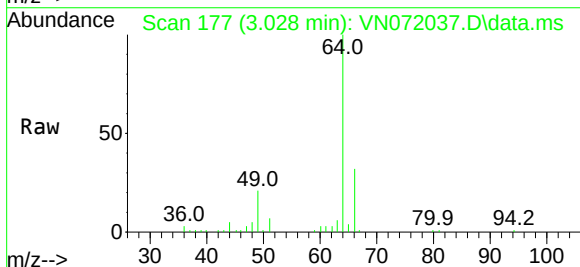
Instrument :
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VSTDCCC020

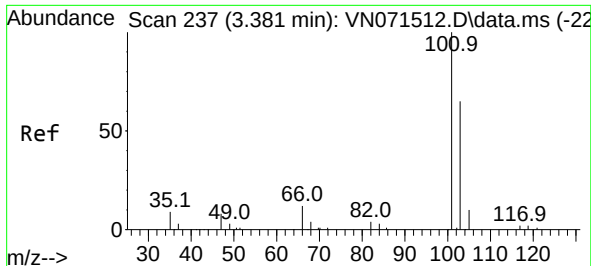
Tgt Ion: 94 Resp: 76303
Ion Ratio Lower Upper
94 100
96 93.2 75.2 112.8



#6
Chloroethane
Concen: 15.144 ug/l
RT: 3.028 min Scan# 177
Delta R.T. 0.011 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 64 Resp: 67368
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8

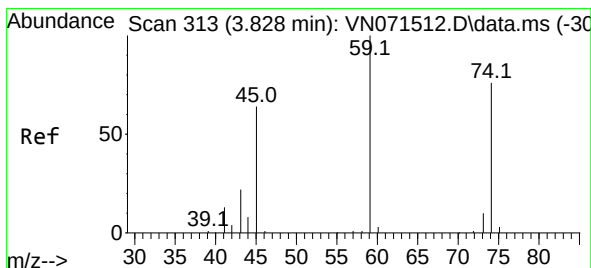
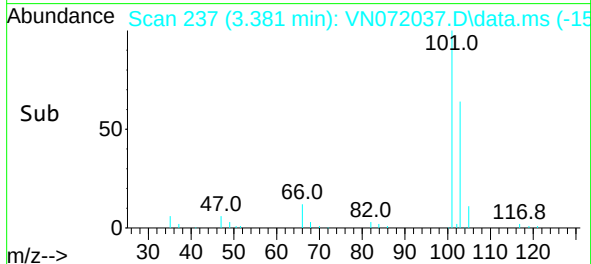
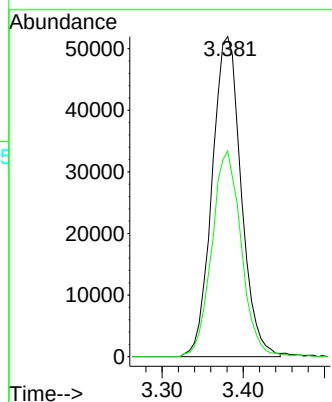
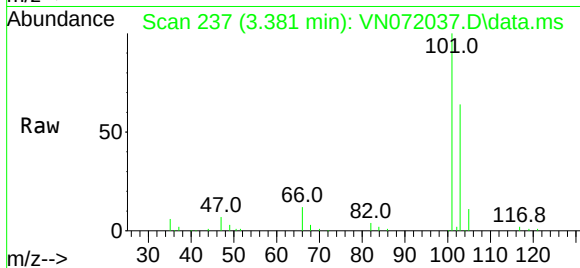




#7
Trichlorofluoromethane
Concen: 15.944 ug/l
RT: 3.381 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072037.D
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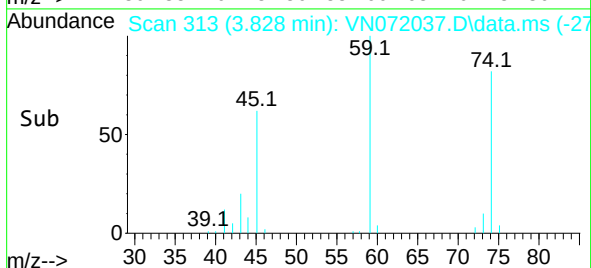
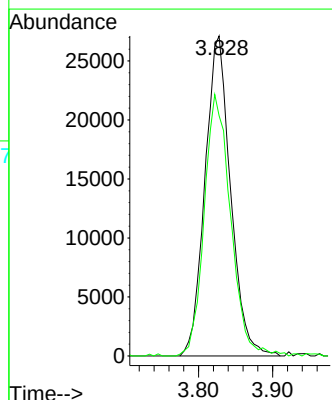
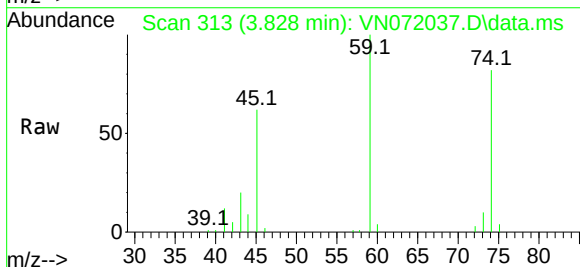
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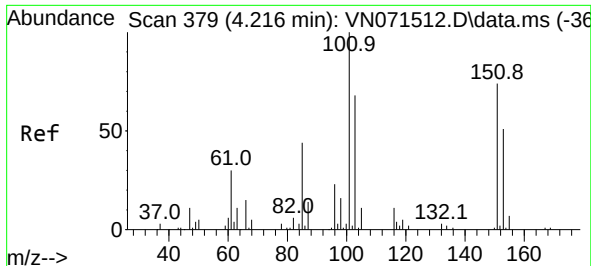
Tgt Ion:101 Resp: 129137
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1



#8
Diethyl Ether
Concen: 19.157 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 74 Resp: 65196
Ion Ratio Lower Upper
74 100
45 83.1 17.6 158.8

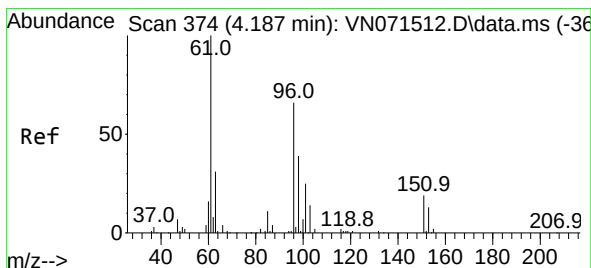
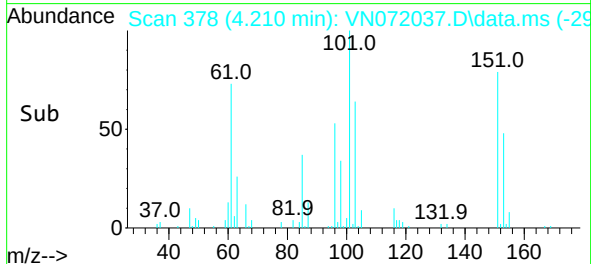
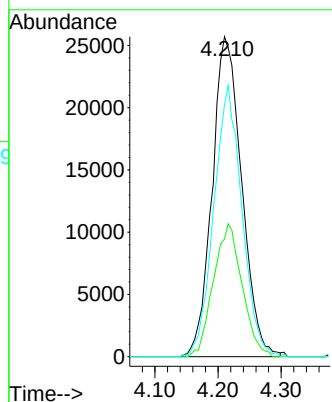
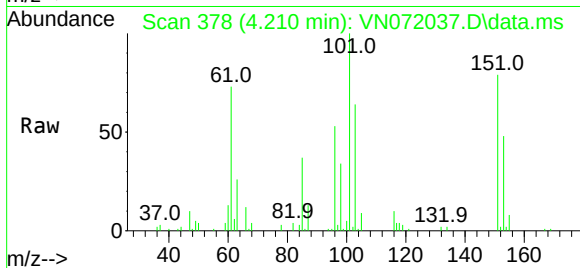




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.193 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072037.D
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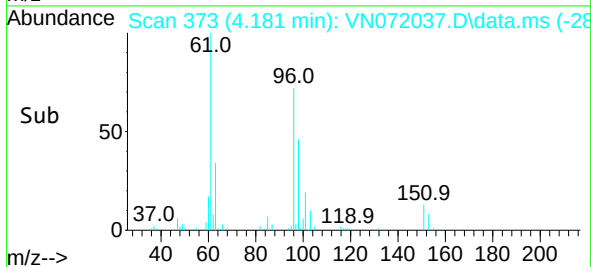
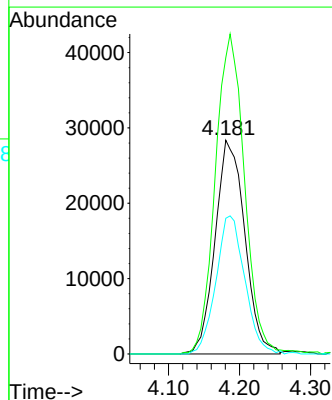
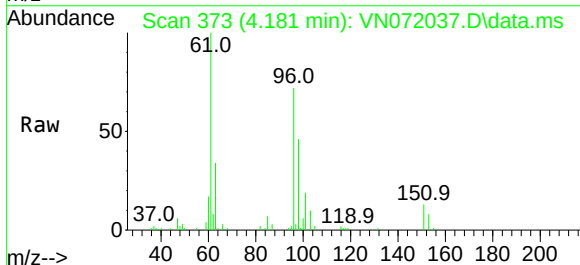
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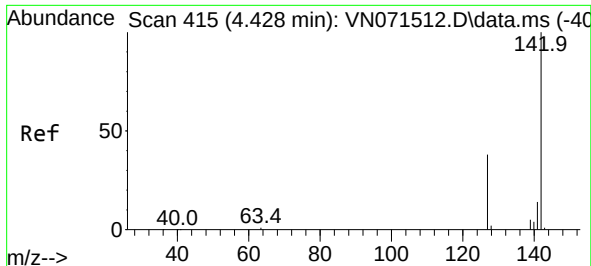
Tgt Ion:101 Resp: 83394
Ion Ratio Lower Upper
101 100
85 40.3 0.0 94.0
151 80.6 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 17.207 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 96 Resp: 82315
Ion Ratio Lower Upper
96 100
61 138.6 126.2 189.4
98 63.4 50.9 76.3

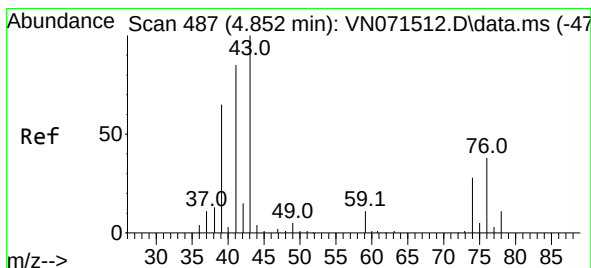
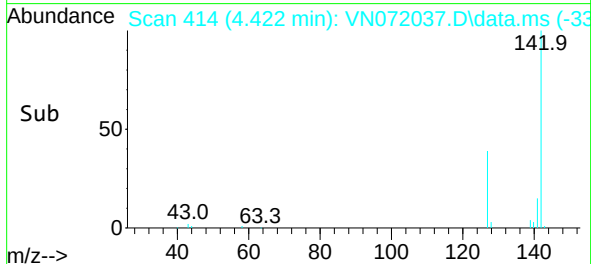
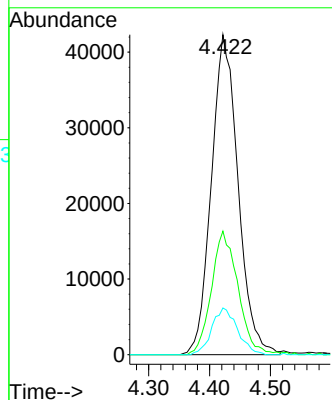
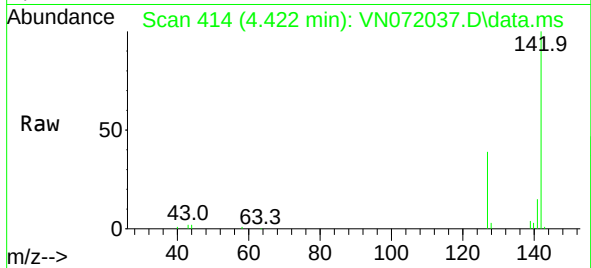




#11
Methyl Iodide
Concen: 18.411 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

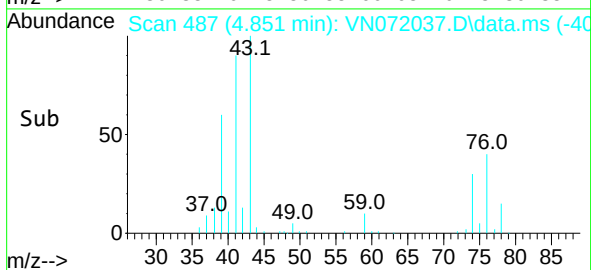
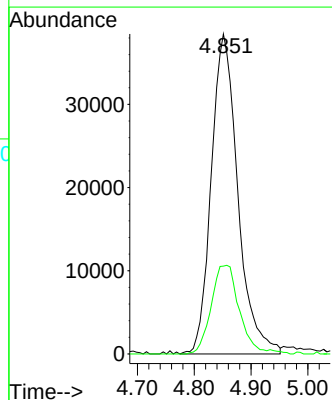
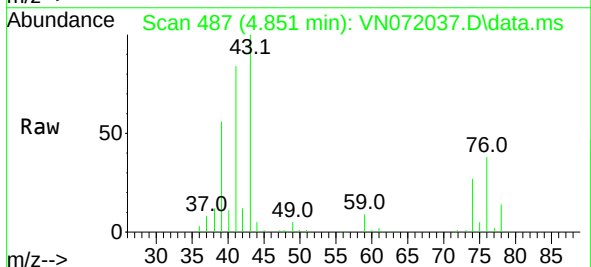
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

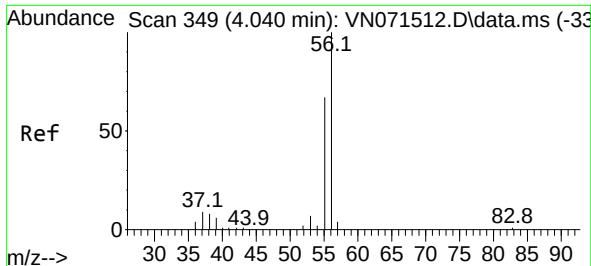
Tgt Ion:142 Resp: 129058
Ion Ratio Lower Upper
142 100
127 38.5 24.0 72.0
141 14.2 8.4 25.2



#12
Methyl Acetate
Concen: 18.527 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 43 Resp: 124906
Ion Ratio Lower Upper
43 100
74 27.3 20.8 31.2

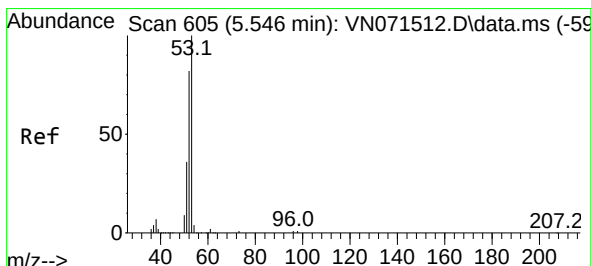
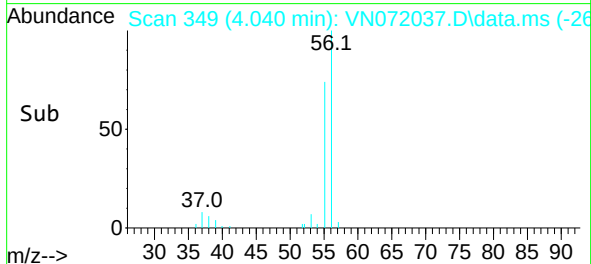
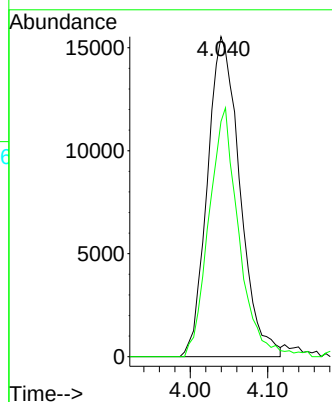
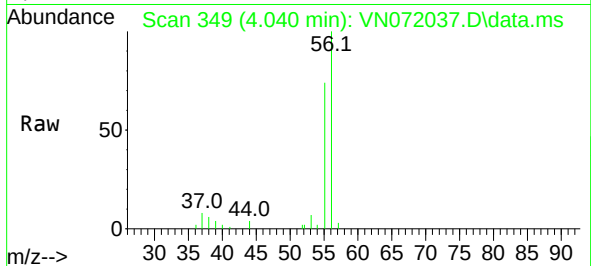




#13
Acrolein
Concen: 63.246 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

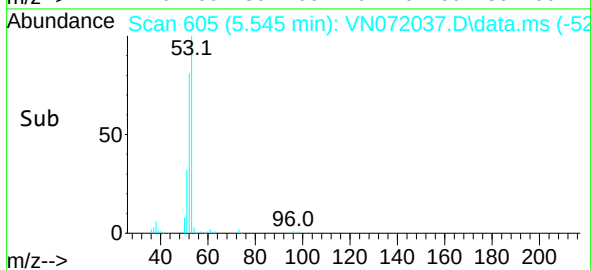
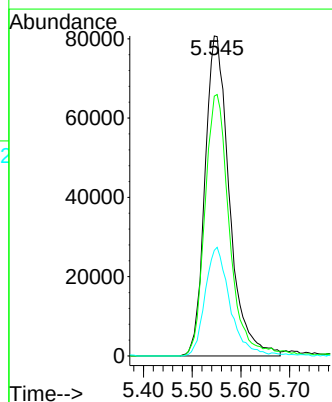
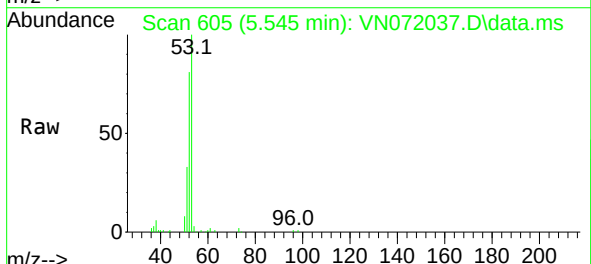
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

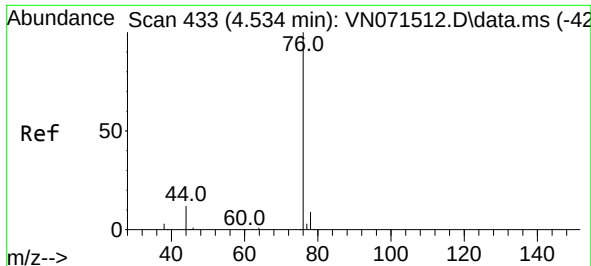
Tgt Ion: 56 Resp: 45362
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4



#14
Acrylonitrile
Concen: 92.069 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 53 Resp: 281123
Ion Ratio Lower Upper
53 100
52 80.9 41.8 125.4
51 34.4 19.0 57.0

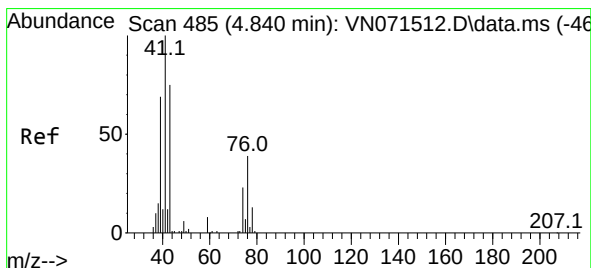
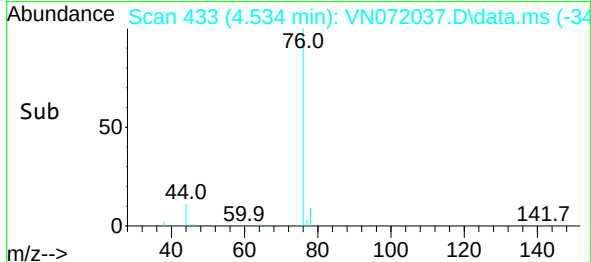
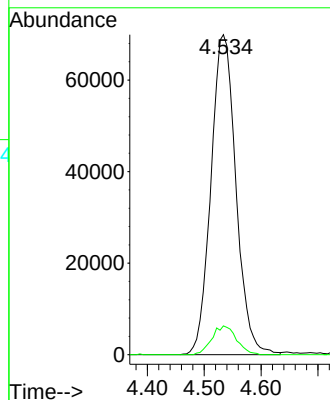
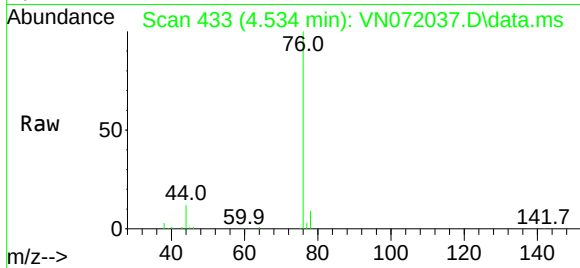




#16
Carbon Disulfide
Concen: 17.177 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

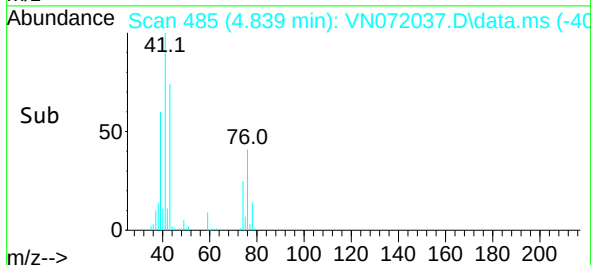
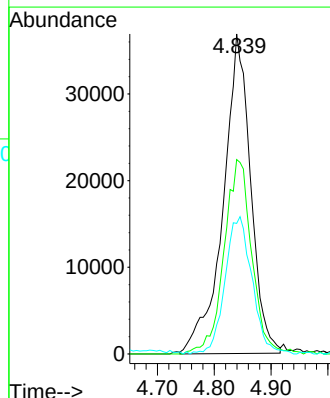
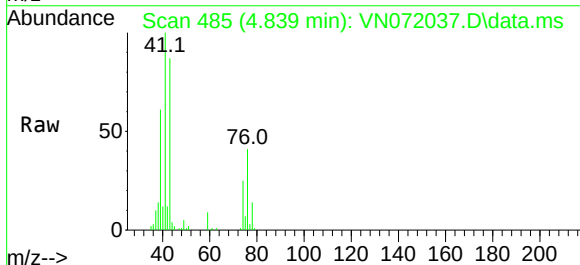
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

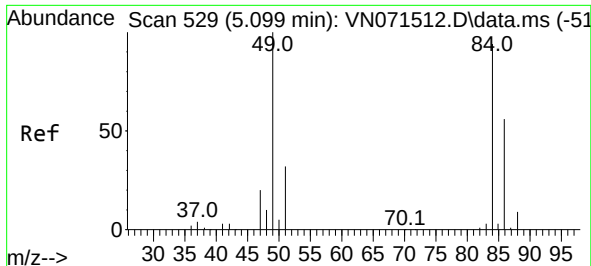
Tgt Ion: 76 Resp: 213943
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8



#17
Allyl chloride
Concen: 15.964 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 41 Resp: 123868
Ion Ratio Lower Upper
41 100
39 61.1 44.6 134.0
76 40.4 19.6 58.7



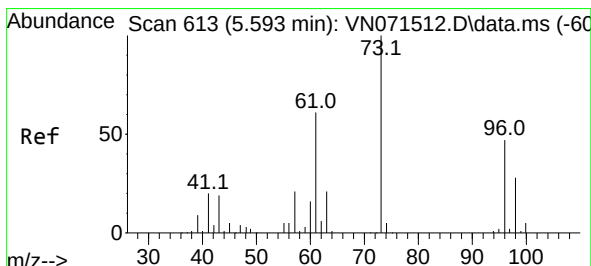
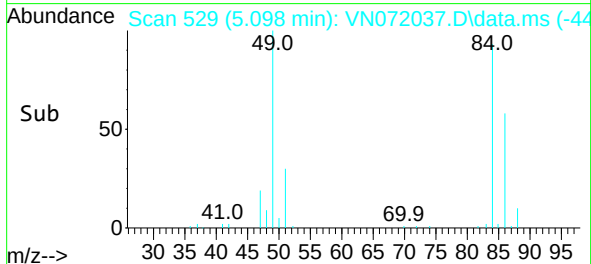
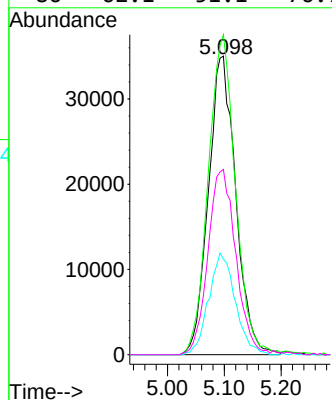
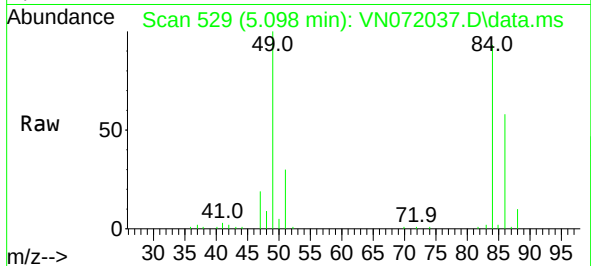


#18
Methylene Chloride
Concen: 20.418 ug/l
RT: 5.098 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 84 Resp: 117175

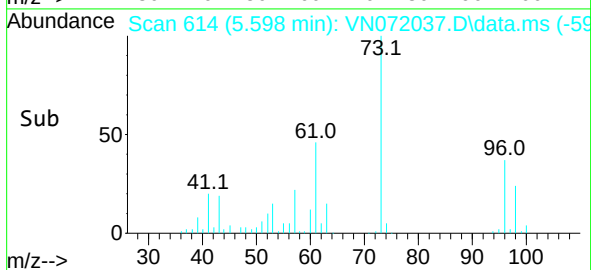
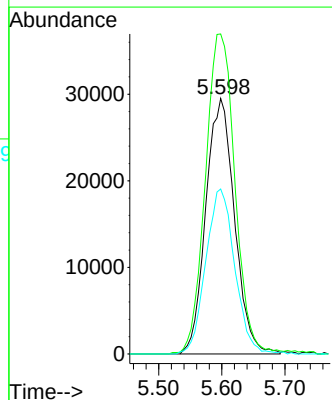
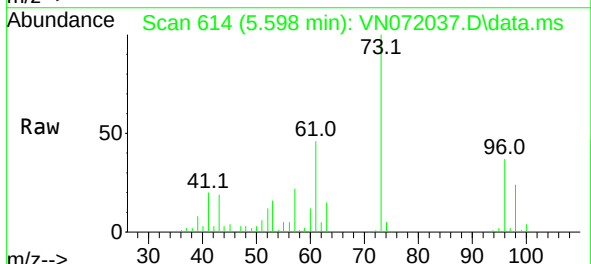
Ion	Ratio	Lower	Upper
84	100		
49	107.2	91.4	137.0
51	32.0	29.4	44.0
86	62.1	51.1	76.7

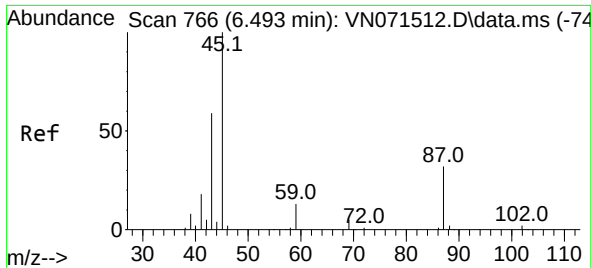


#19
trans-1,2-Dichloroethene
Concen: 18.239 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 96 Resp: 93324

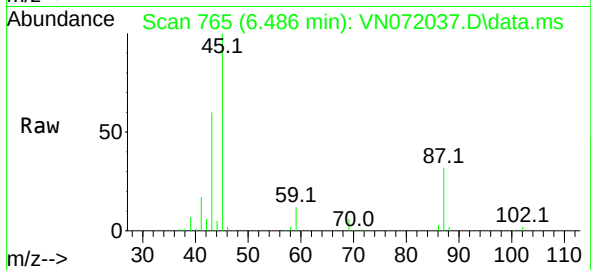
Ion	Ratio	Lower	Upper
96	100		
61	124.6	102.8	154.2
98	63.8	49.3	73.9





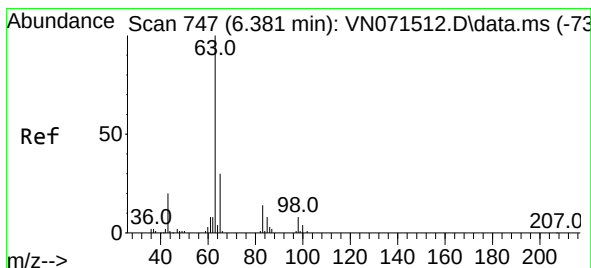
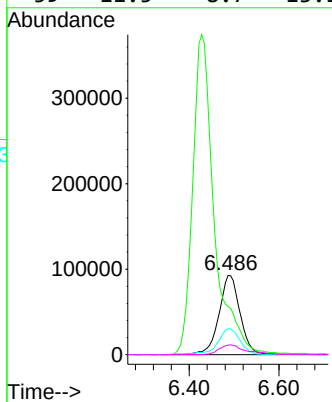
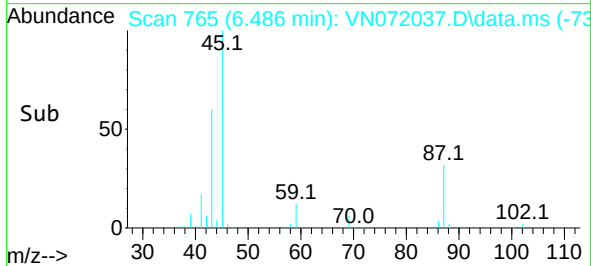
#20
Diisopropyl ether
Concen: 18.659 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

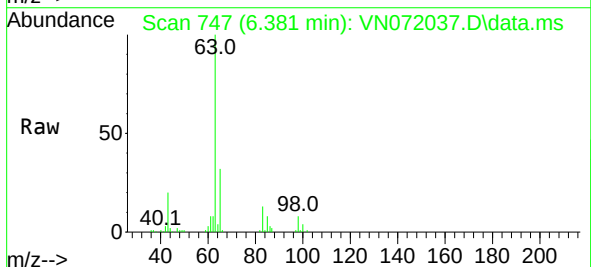


Tgt Ion: 45 Resp: 302921

Ion	Ratio	Lower	Upper
45	100		
43	58.6	51.0	76.4
87	32.5	25.0	37.4
59	11.5	8.7	13.1

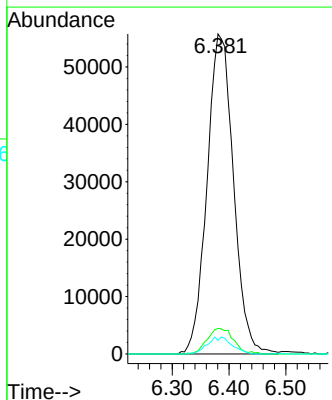
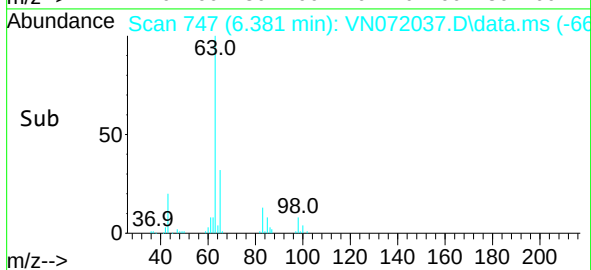


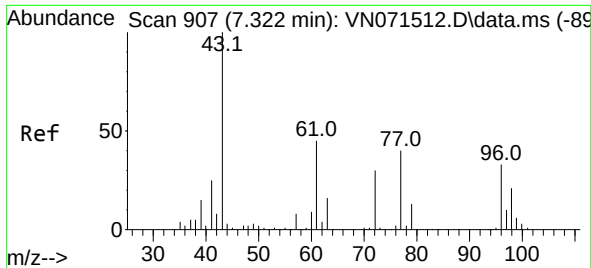
#21
1,1-Dichloroethane
Concen: 18.391 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29



Tgt Ion: 63 Resp: 180260

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.2	9.6
100	4.2	2.1	6.2

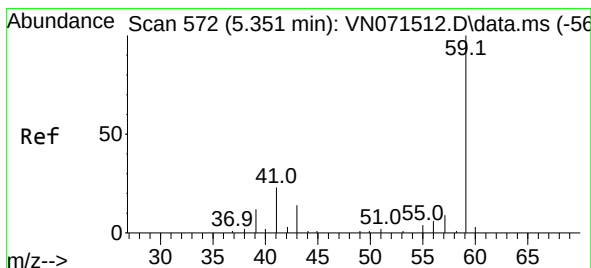
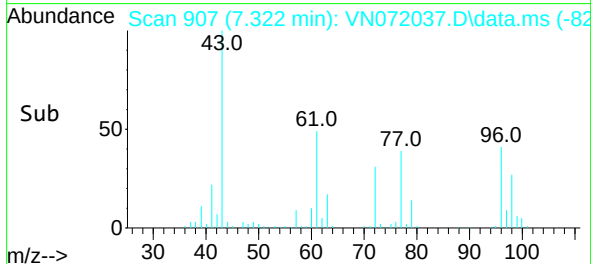
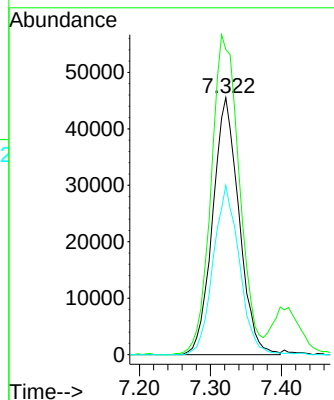
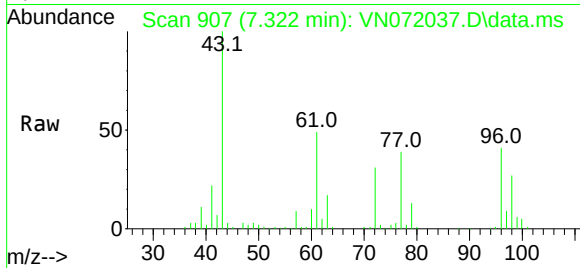




#22
 cis-1,2-Dichloroethene
 Concen: 18.875 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

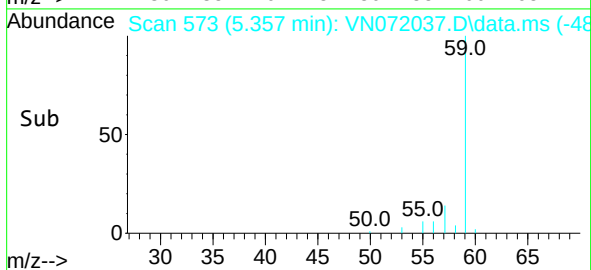
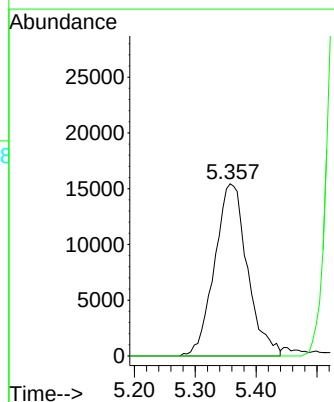
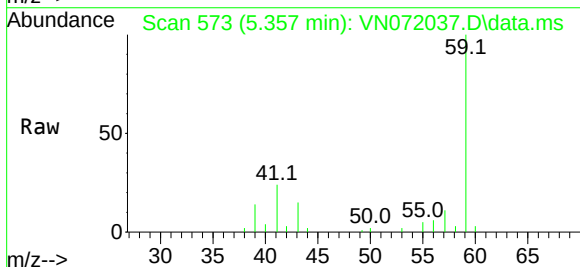
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

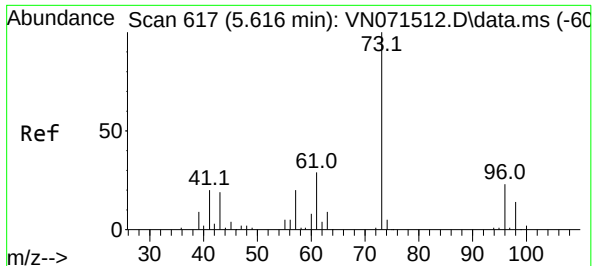
Tgt Ion: 96 Resp: 117331
 Ion Ratio Lower Upper
 96 100
 61 133.6 115.7 173.5
 98 65.3 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 52.927 ug/l
 RT: 5.357 min Scan# 573
 Delta R.T. 0.006 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

Tgt Ion: 59 Resp: 57666
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

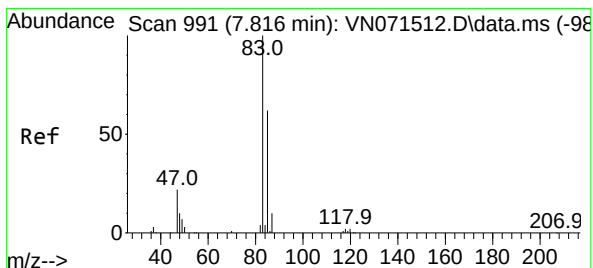
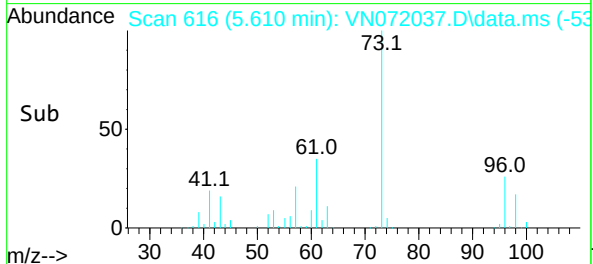
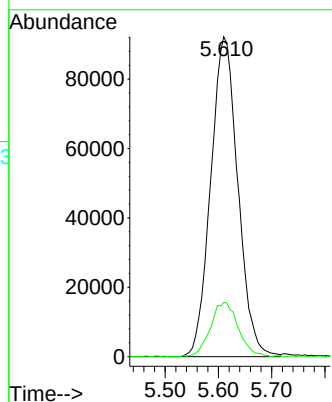
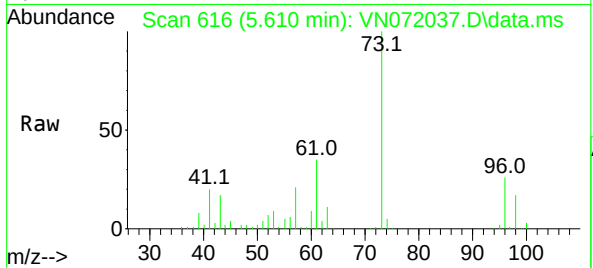




#24
Methyl tert-Butyl Ether
Concen: 18.925 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

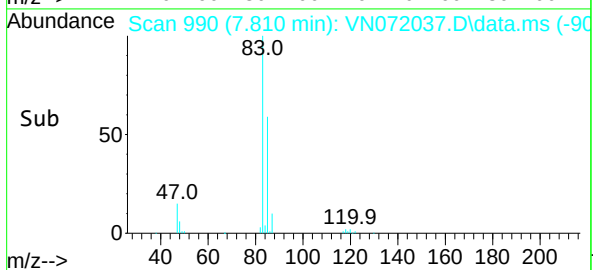
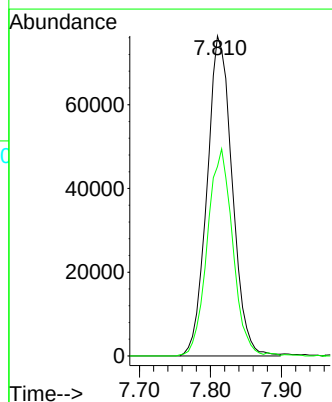
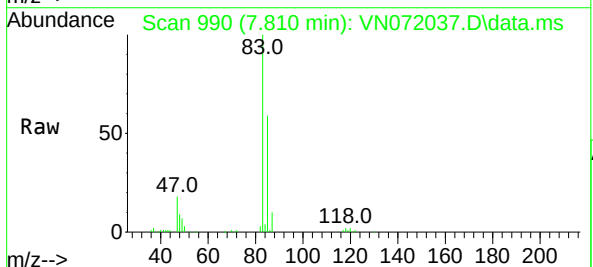
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

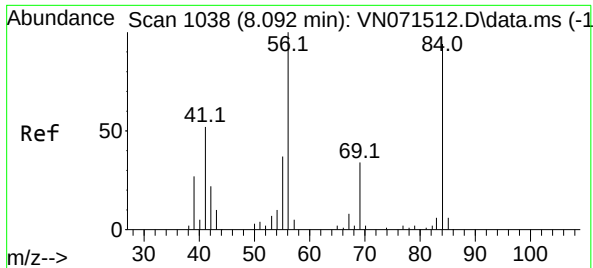
Tgt Ion: 73 Resp: 326731
Ion Ratio Lower Upper
73 100
43 17.4 18.1 27.1#



#25
Chloroform
Concen: 19.114 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 83 Resp: 188428
Ion Ratio Lower Upper
83 100
85 59.0 51.3 76.9

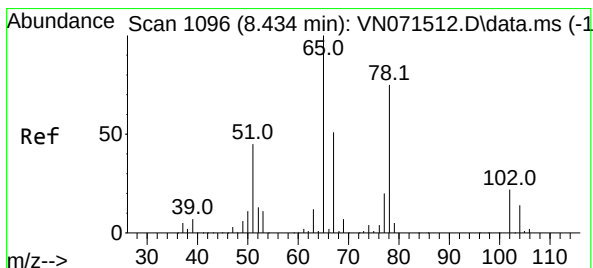
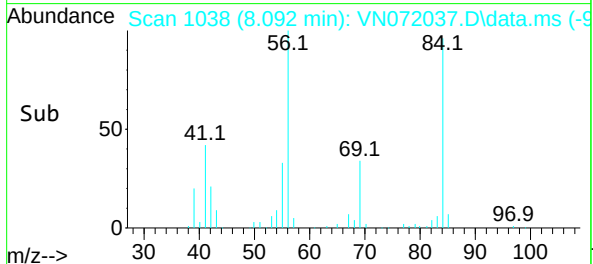
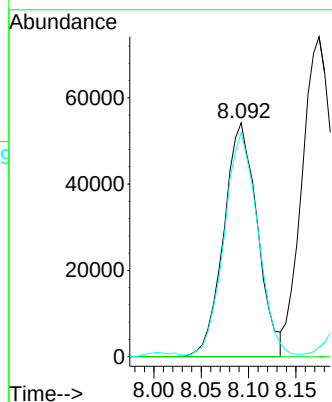
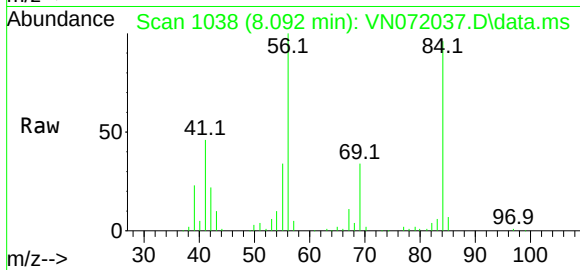




#26
Cyclohexane
Concen: 15.785 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

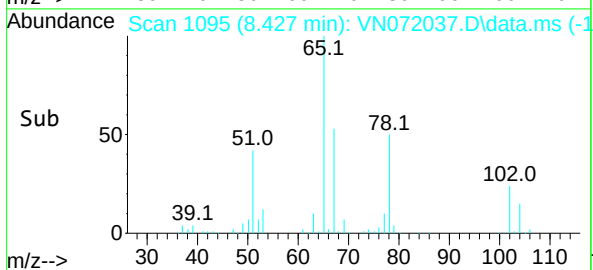
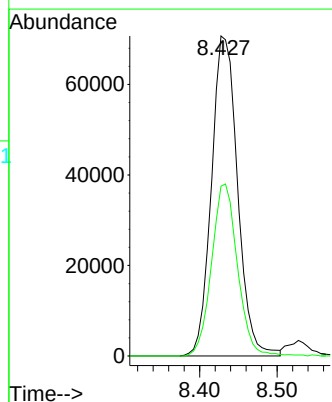
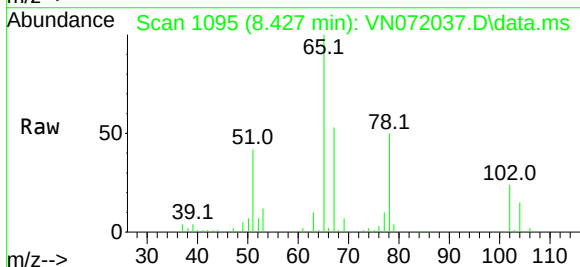
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

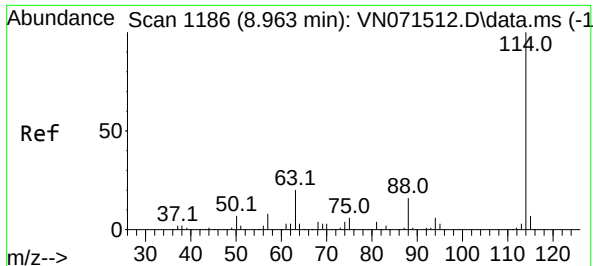
Tgt Ion: 56 Resp: 133739
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.8 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 28.493 ug/l
RT: 8.427 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 65 Resp: 165763
Ion Ratio Lower Upper
65 100
67 53.1 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: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

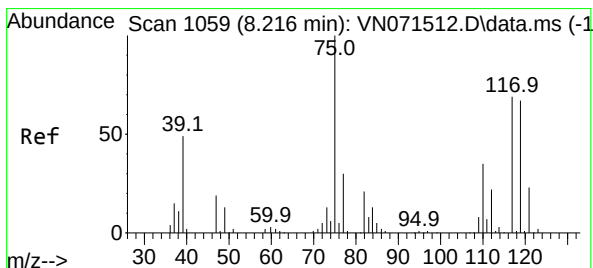
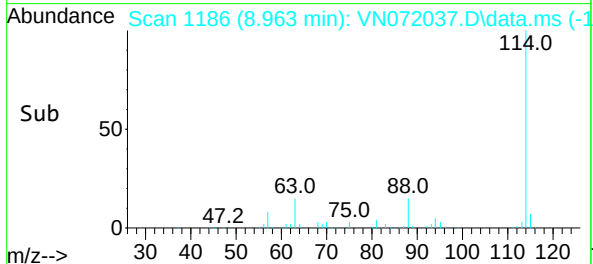
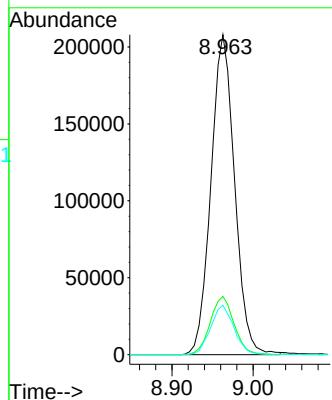
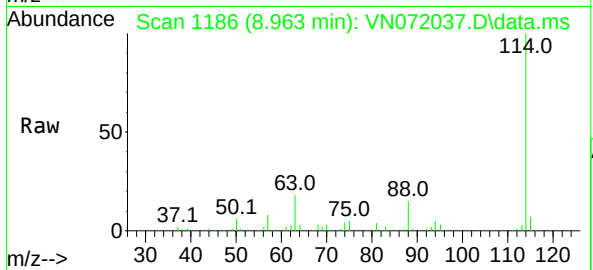
Tgt Ion:114 Resp: 421146

Ion Ratio Lower Upper

114 100

63 18.3 15.8 23.6

88 15.3 11.6 17.4



#29

1,1-Dichloropropene

Concen: 17.819 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

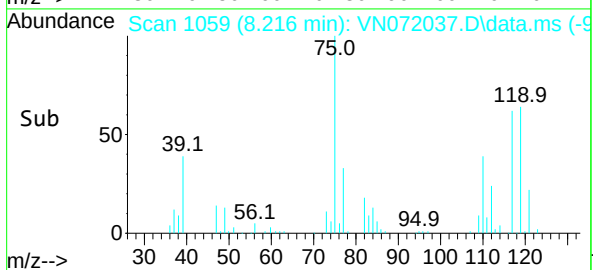
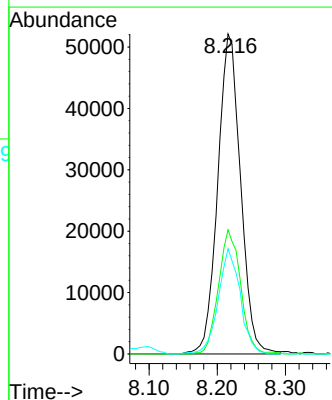
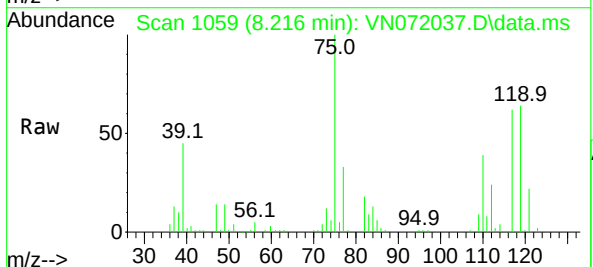
Tgt Ion: 75 Resp: 121467

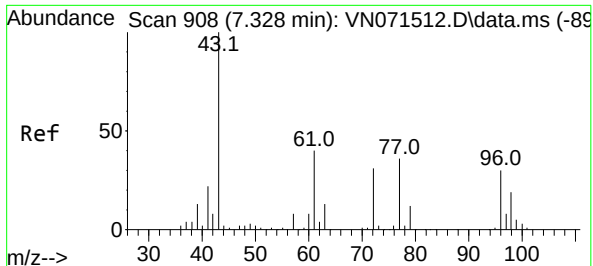
Ion Ratio Lower Upper

75 100

110 37.4 0.0 74.2

77 31.6 0.0 63.2





#30

2-Butanone

Concen: 84.344 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

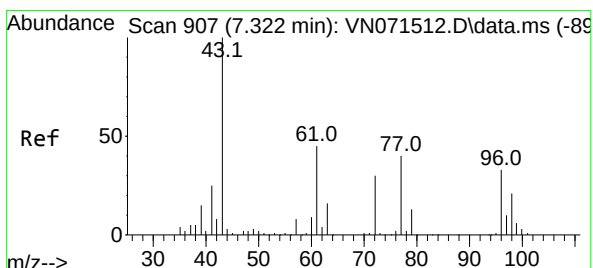
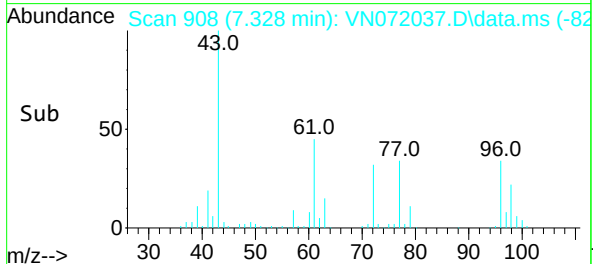
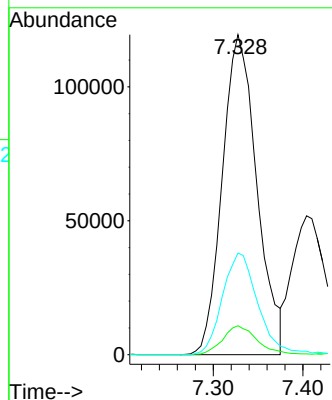
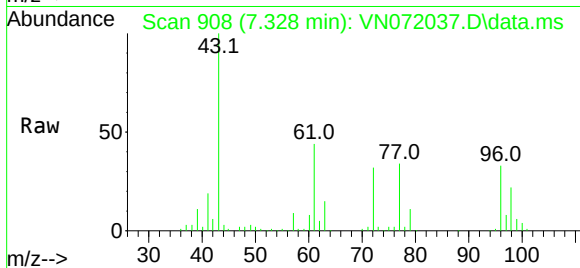
Tgt Ion: 43 Resp: 320036

Ion Ratio Lower Upper

43 100

57 9.1 6.7 10.1

72 32.5 23.2 34.8



#31

2,2-Dichloropropane

Concen: 16.458 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072037.D

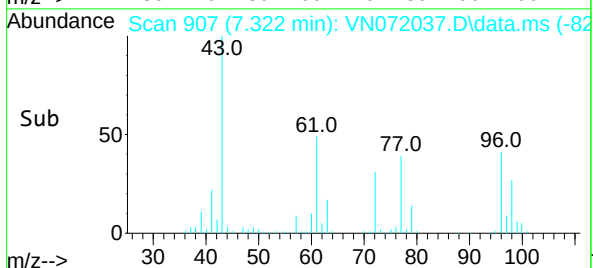
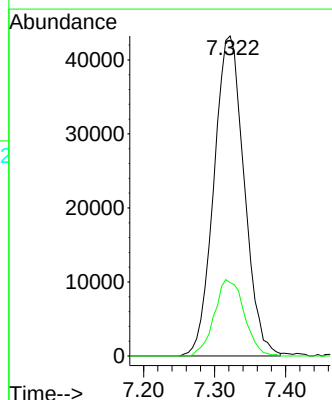
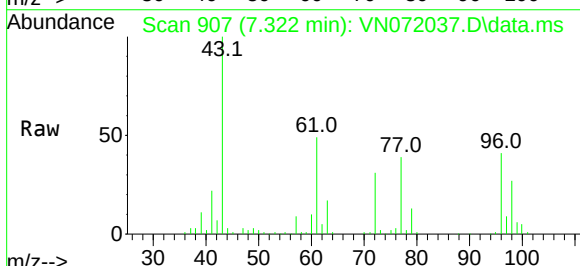
Acq: 18 Apr 2022 18:29

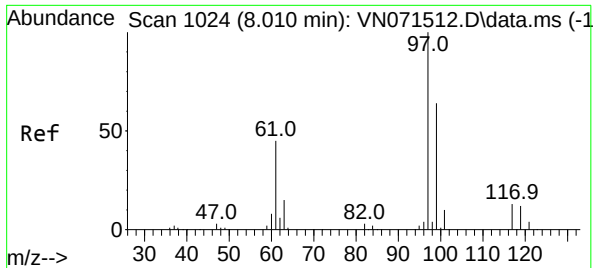
Tgt Ion: 77 Resp: 127804

Ion Ratio Lower Upper

77 100

97 23.6 18.3 27.5

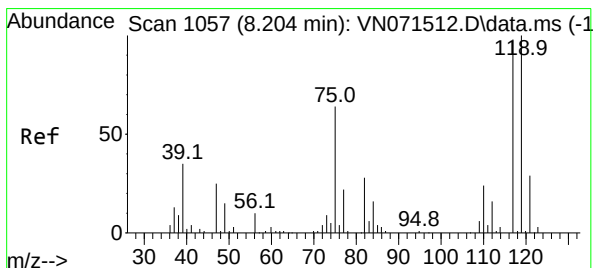
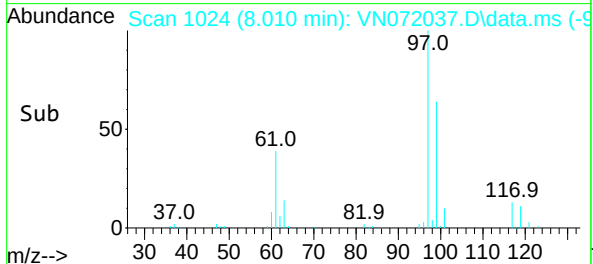
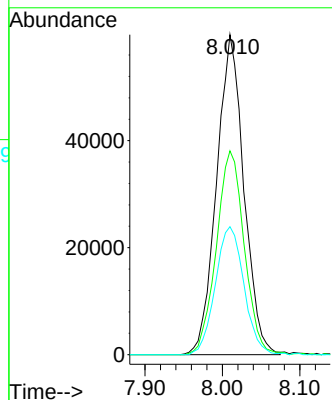
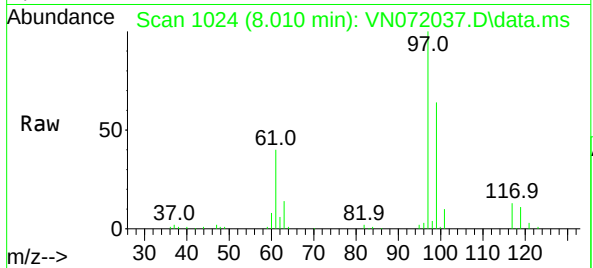




#32
1,1,1-Trichloroethane
Concen: 18.460 ug/l
RT: 8.010 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

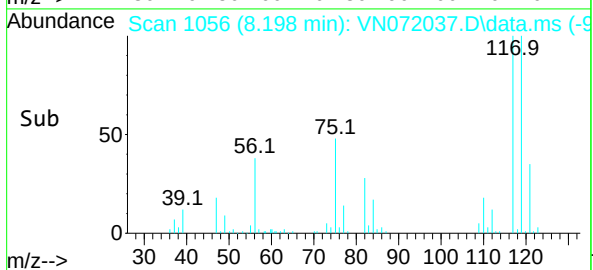
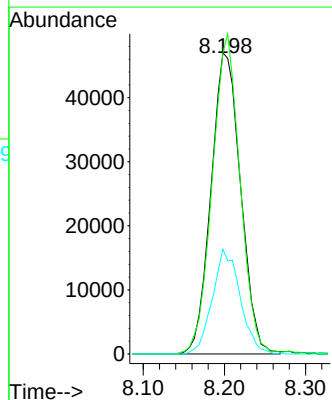
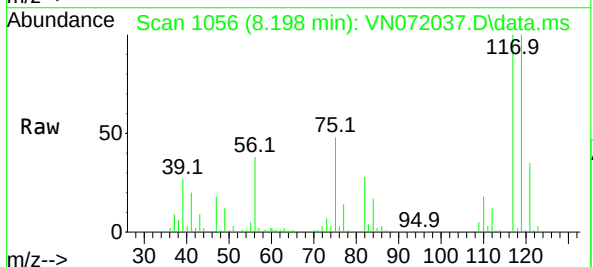
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

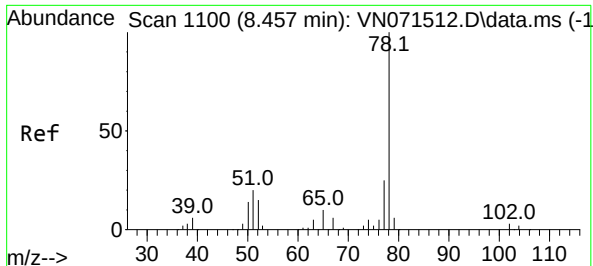
Tgt Ion: 97 Resp: 146563
Ion Ratio Lower Upper
97 100
99 65.2 50.4 75.6
61 41.8 34.6 51.8



#33
Carbon Tetrachloride
Concen: 17.714 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 117 Resp: 119044
Ion Ratio Lower Upper
117 100
119 99.4 77.5 116.3
121 34.8 23.5 35.3

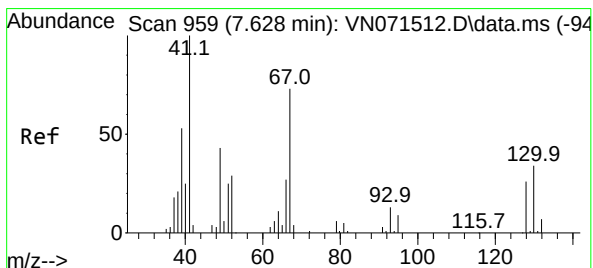
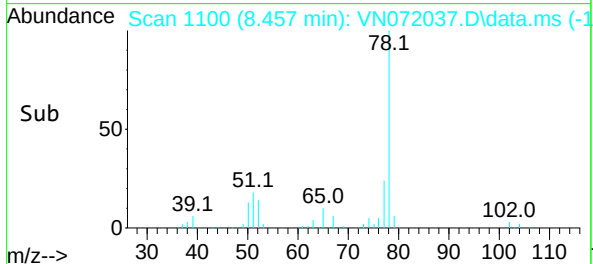
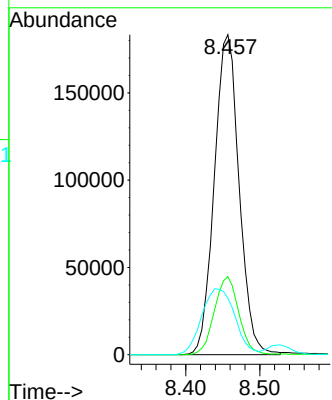
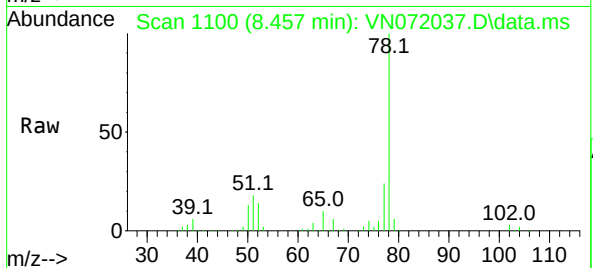




#34
Benzene
Concen: 20.124 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

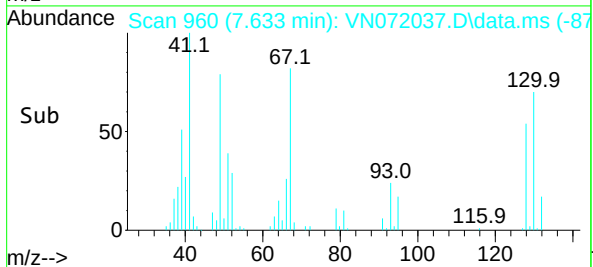
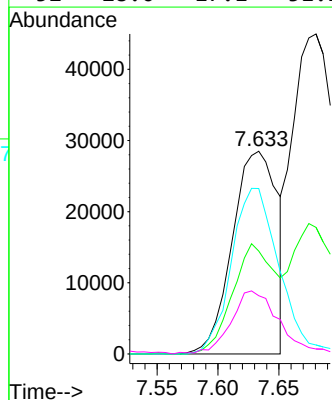
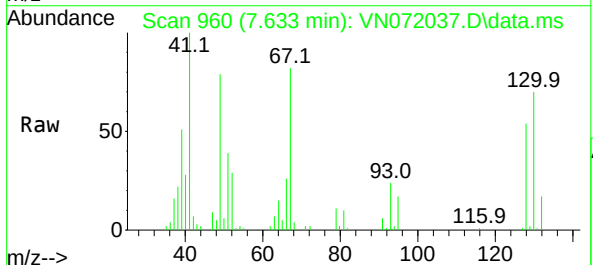
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

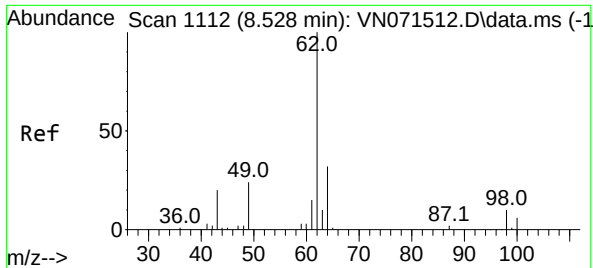
Tgt Ion: 78 Resp: 426193
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 17.3 16.0 24.0



#35
Methacrylonitrile
Concen: 20.026 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 41 Resp: 72906
Ion Ratio Lower Upper
41 100
39 50.8 28.0 83.9
67 81.6 37.7 113.1
52 28.0 17.1 51.2





#36

1,2-Dichloroethane

Concen: 19.812 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

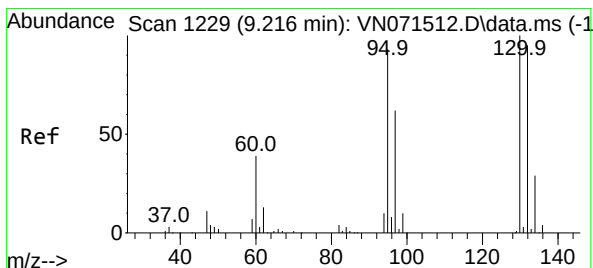
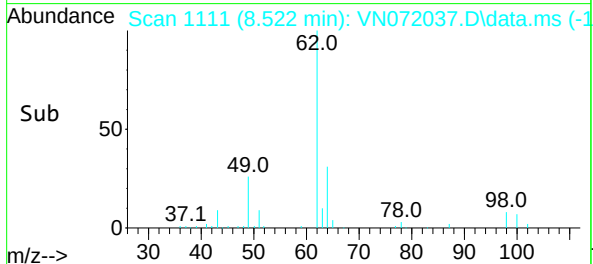
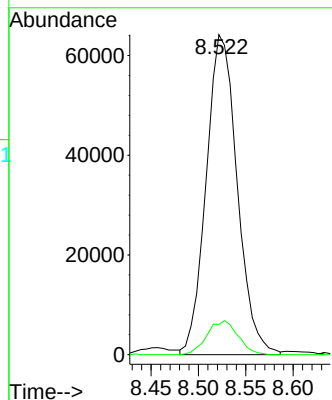
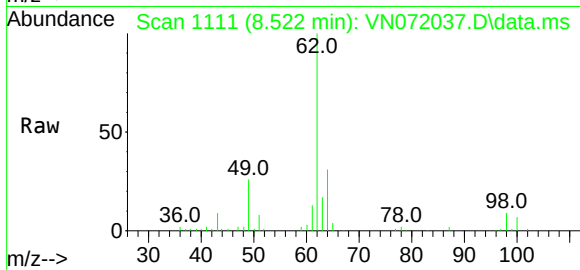
VSTDCCC020

Tgt Ion: 62 Resp: 146377

Ion Ratio Lower Upper

62 100

98 10.6 6.6 10.0#



#37

Trichloroethene

Concen: 19.067 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VN072037.D

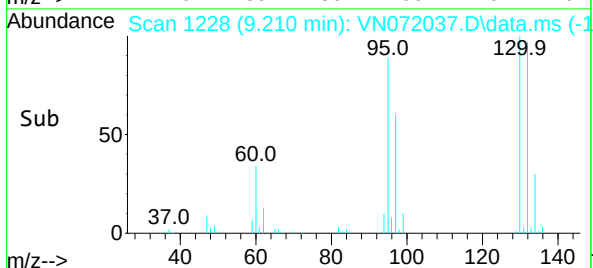
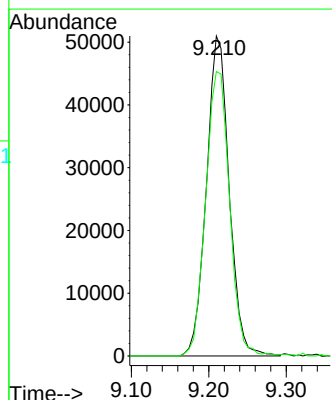
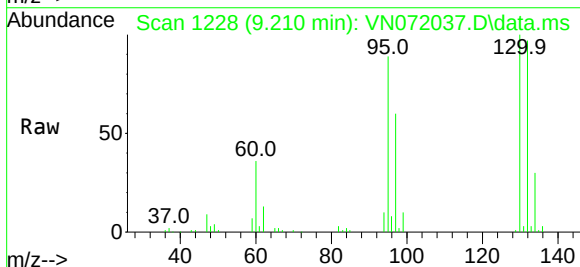
Acq: 18 Apr 2022 18:29

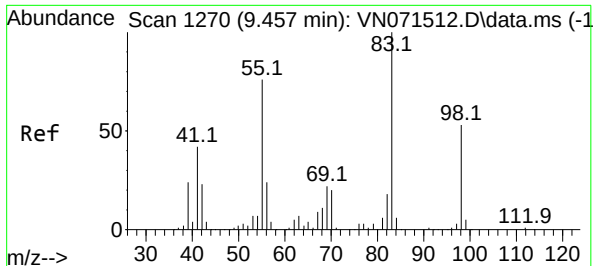
Tgt Ion: 130 Resp: 104196

Ion Ratio Lower Upper

130 100

95 88.9 76.6 115.0





#38

Methylcyclohexane

Concen: 17.149 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

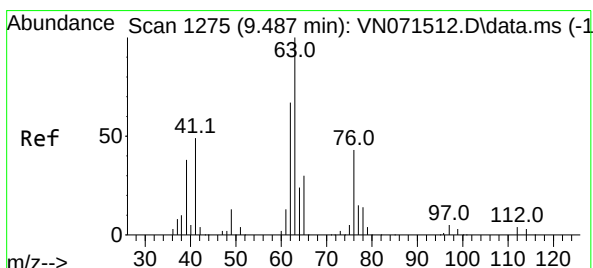
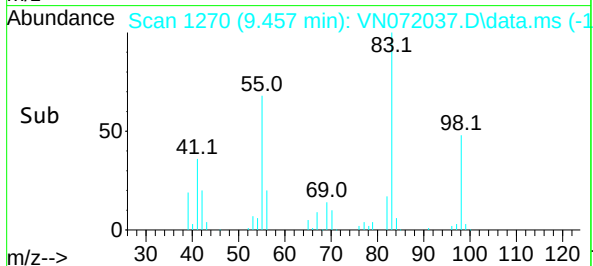
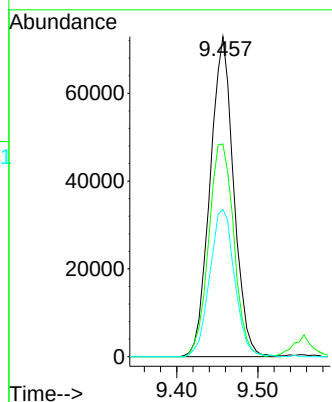
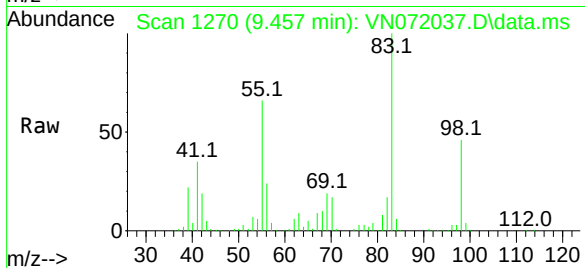
Tgt Ion: 83 Resp: 147348

Ion Ratio Lower Upper

83 100

55 70.6 35.1 105.3

98 48.5 23.4 70.2



#39

1,2-Dichloropropane

Concen: 20.626 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072037.D

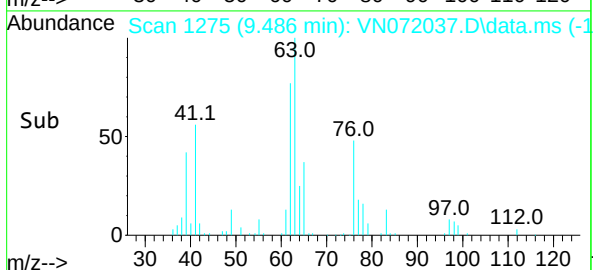
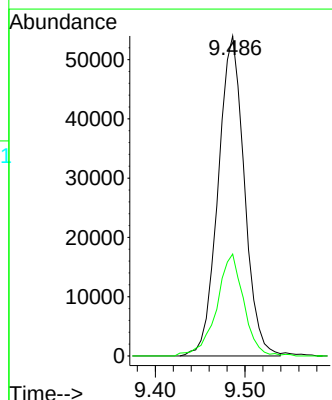
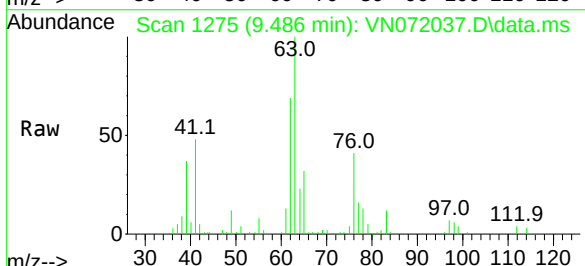
Acq: 18 Apr 2022 18:29

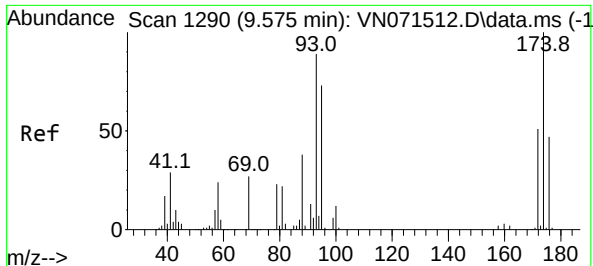
Tgt Ion: 63 Resp: 109290

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.4

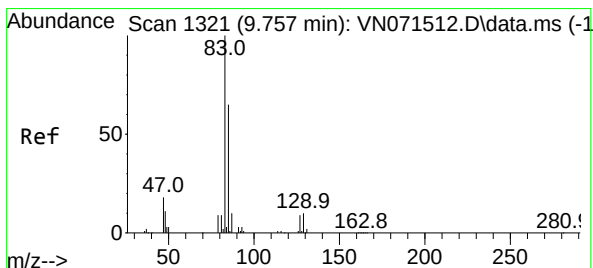
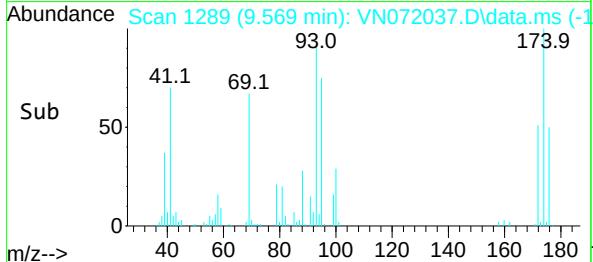
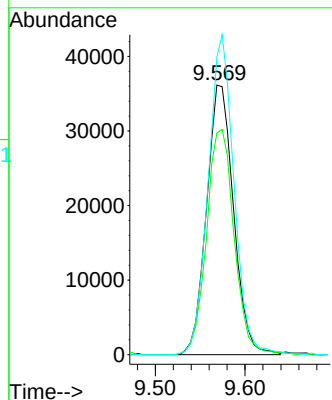
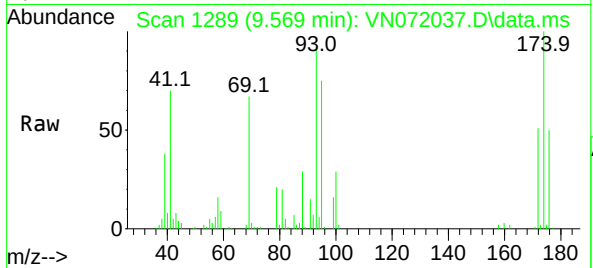




#40
Dibromomethane
Concen: 21.121 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

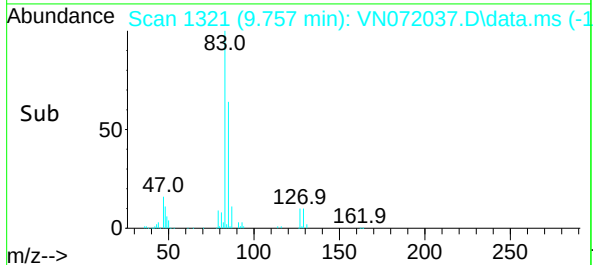
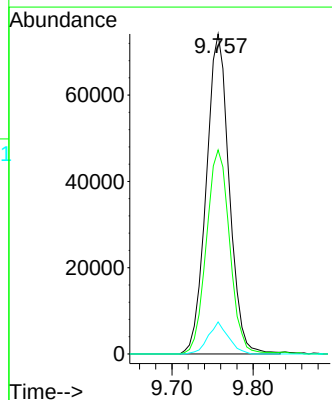
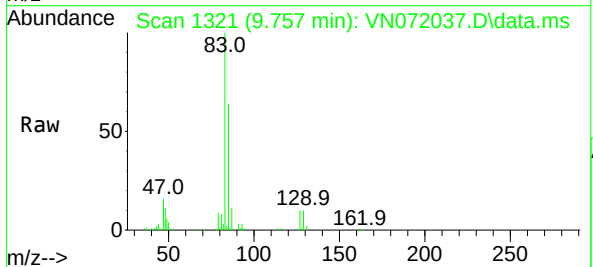
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

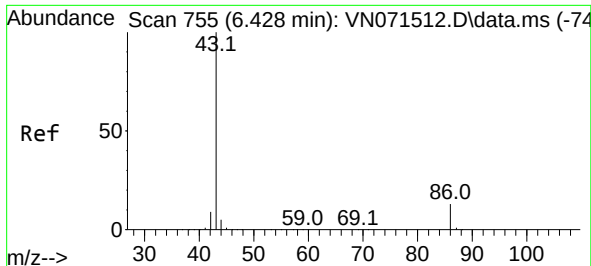
Tgt Ion: 93 Resp: 75750
Ion Ratio Lower Upper
93 100
95 85.3 0.0 168.8
174 113.1 0.0 173.6



#41
Bromodichloromethane
Concen: 20.277 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 83 Resp: 145531
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 10.0 7.6 11.4

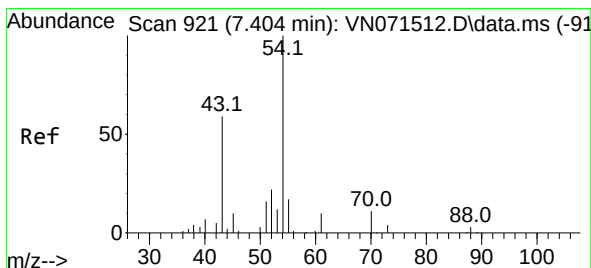
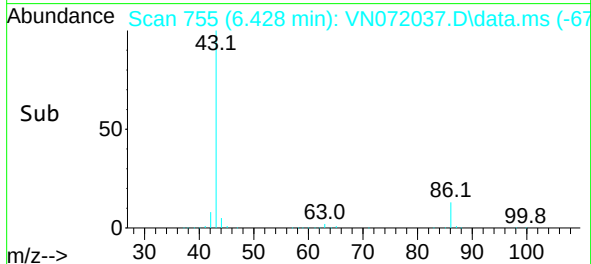
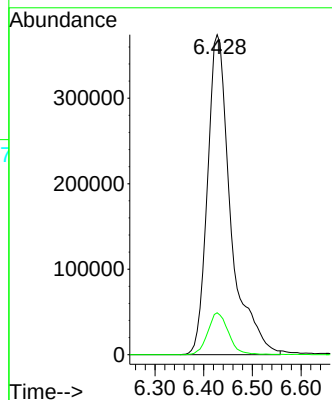
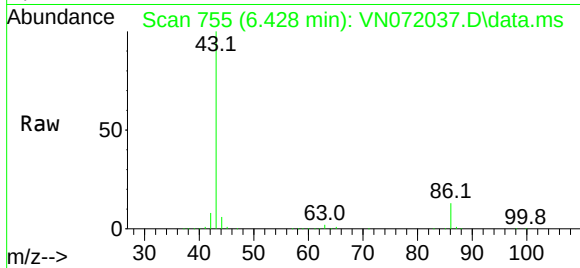




#42
 Vinyl Acetate
 Concen: 95.435 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

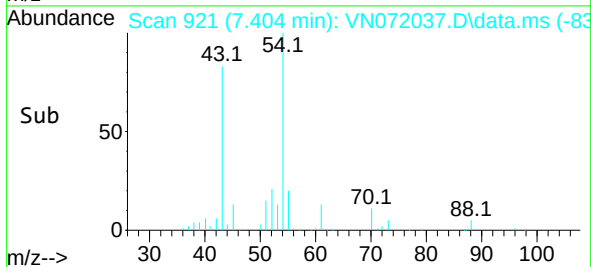
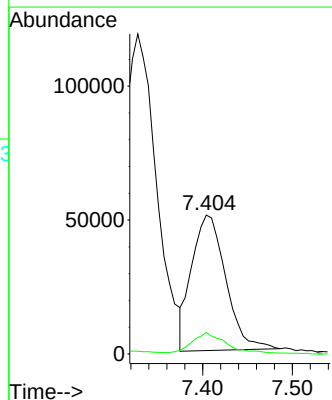
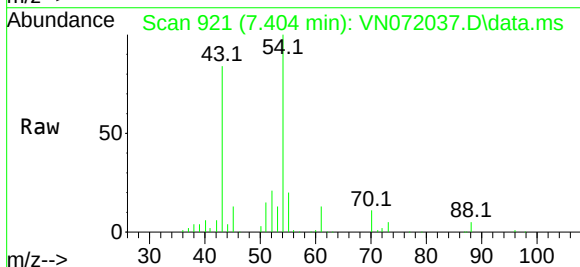
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

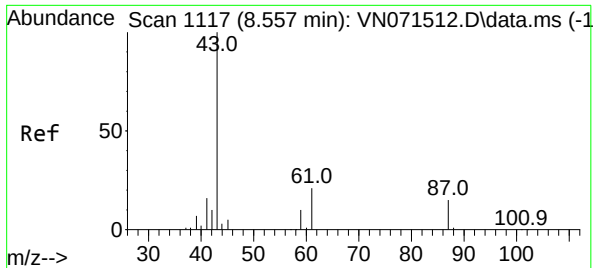
Tgt Ion: 43 Resp: 1240782
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#43
 Ethyl Acetate
 Concen: 18.085 ug/l
 RT: 7.404 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

Tgt Ion: 43 Resp: 133064
 Ion Ratio Lower Upper
 43 100
 45 13.4 10.6 16.0

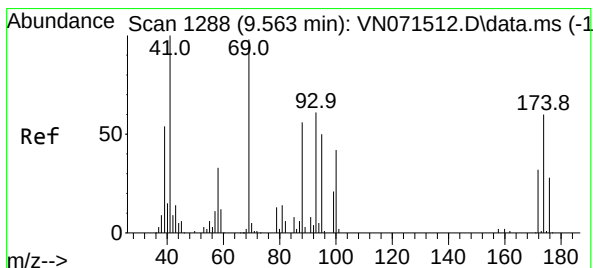
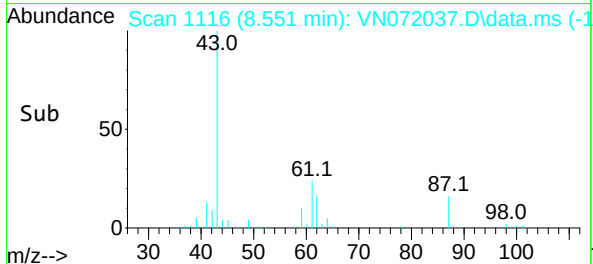
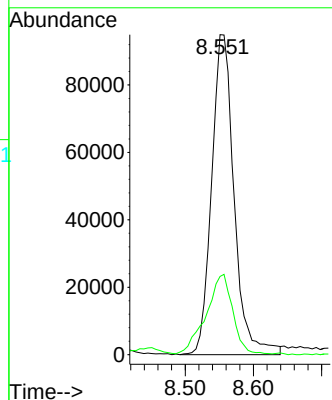
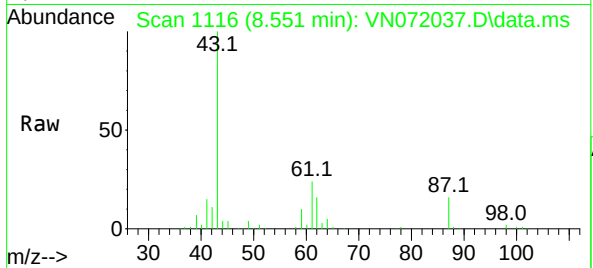




#44
Isopropyl Acetate
Concen: 18.452 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

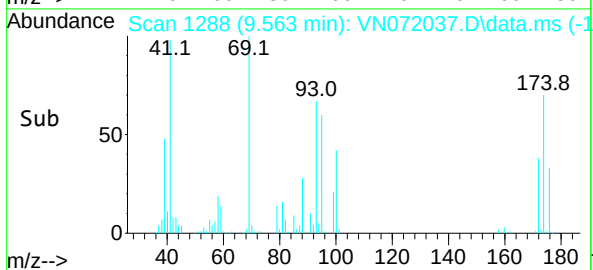
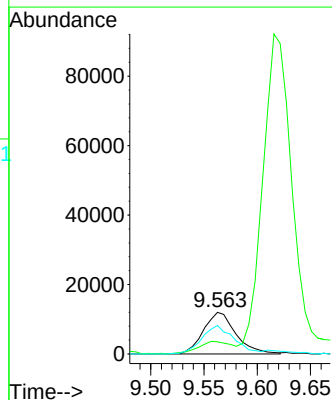
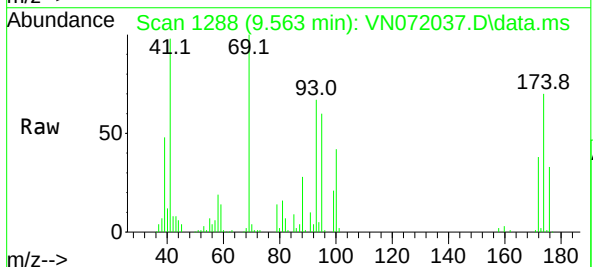
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

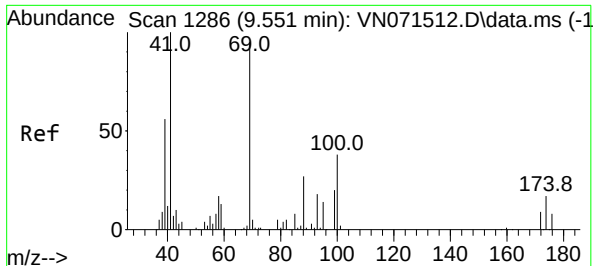
Tgt Ion: 43 Resp: 217756
Ion Ratio Lower Upper
43 100
61 30.0 20.1 30.1



#45
1,4-Dioxane
Concen: 212.744 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 88 Resp: 25330
Ion Ratio Lower Upper
88 100
43 31.4 25.0 37.6
58 68.0 49.4 74.2

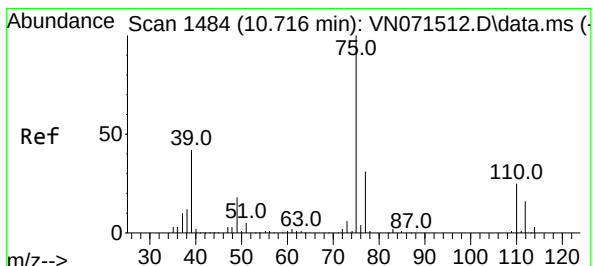
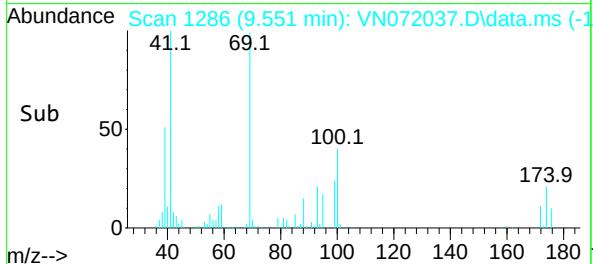
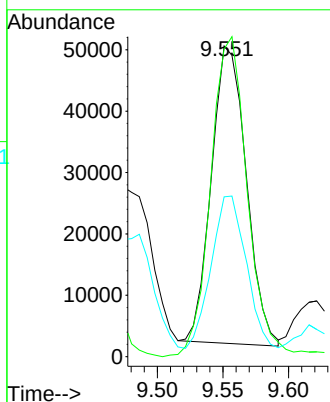
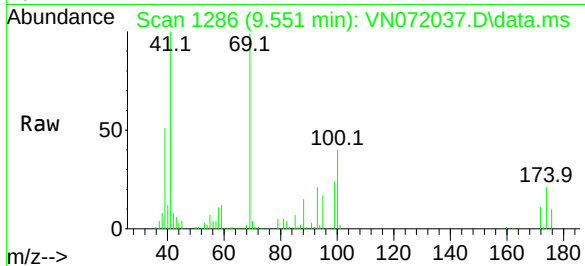




#46
Methyl methacrylate
Concen: 17.286 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

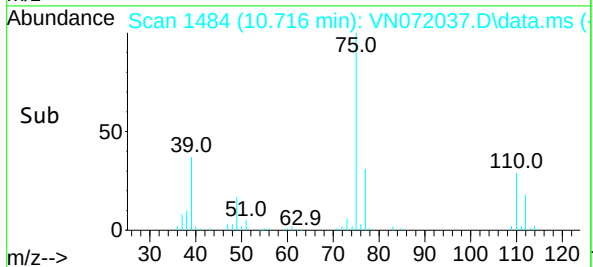
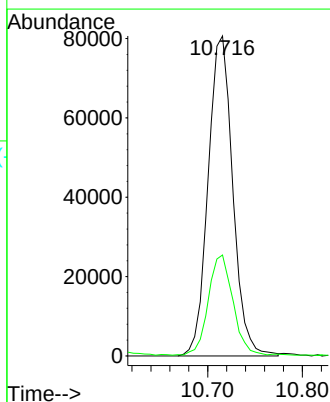
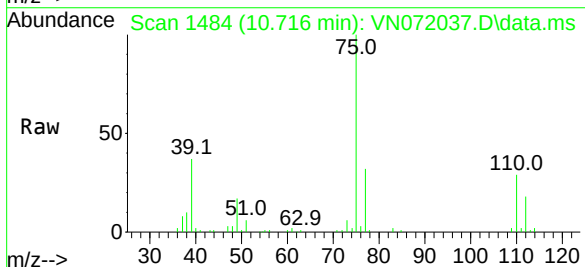
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MSVOA_N
ClientSampleId :
VSTDCCC020

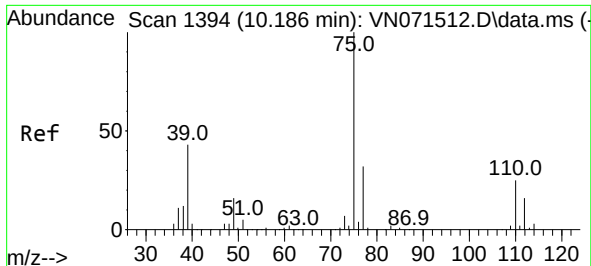
Tgt Ion: 41 Resp: 89456
Ion Ratio Lower Upper
41 100
69 103.7 44.4 133.2
39 51.2 39.9 119.6



#48
t-1,3-Dichloropropene
Concen: 18.709 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 75 Resp: 145944
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

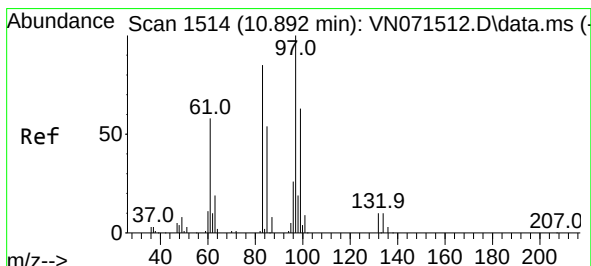
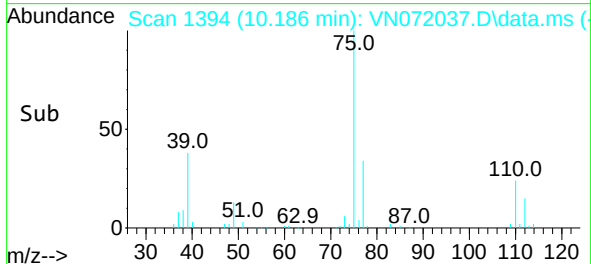
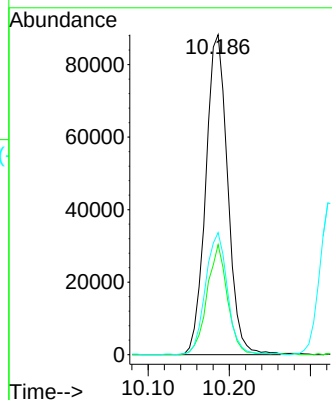
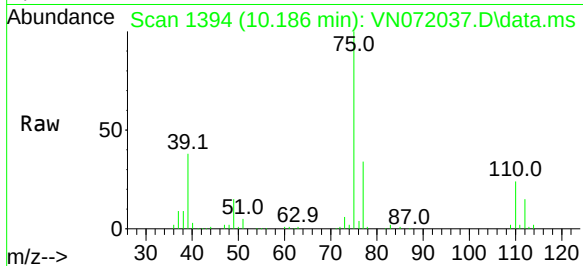




#49
 cis-1,3-Dichloropropene
 Concen: 19.433 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

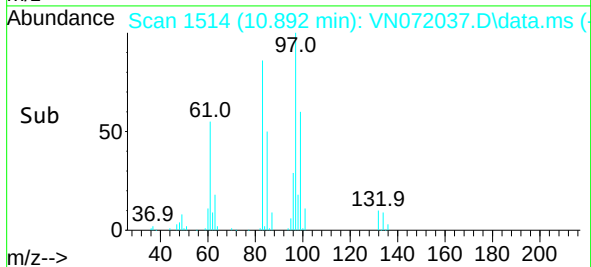
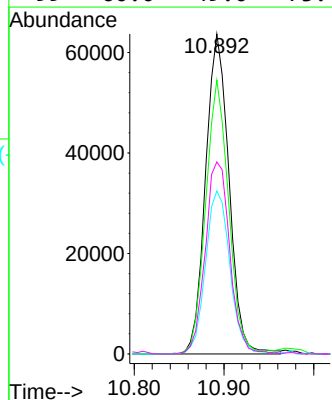
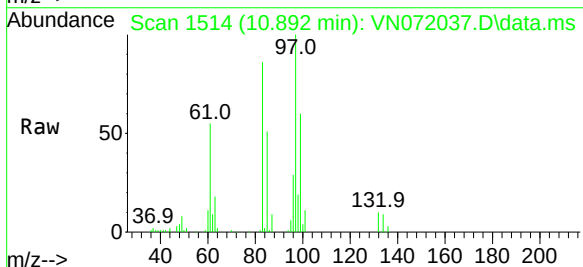
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

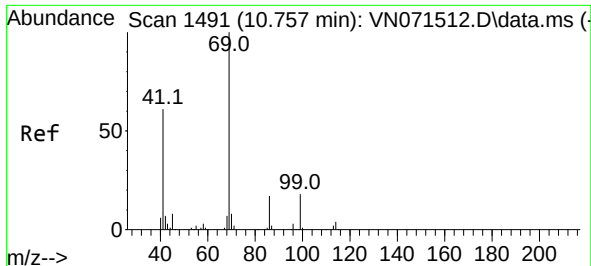
Tgt Ion: 75 Resp: 165772
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9
 39 37.9 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 21.537 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

Tgt Ion: 97 Resp: 115472
 Ion Ratio Lower Upper
 97 100
 83 85.6 67.2 100.8
 85 50.7 43.0 64.4
 99 60.0 49.0 73.4

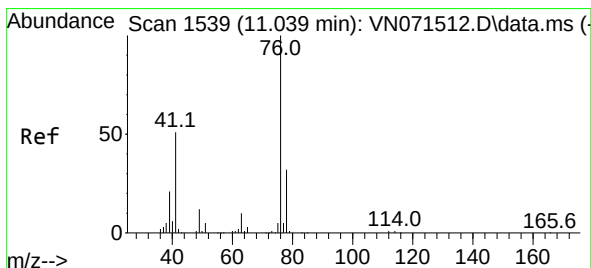
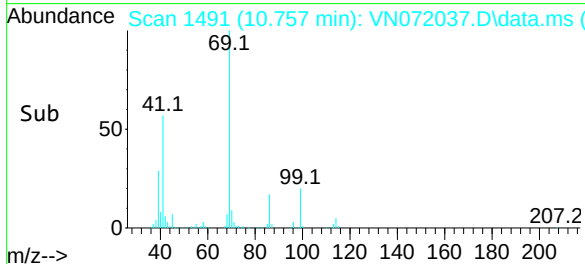
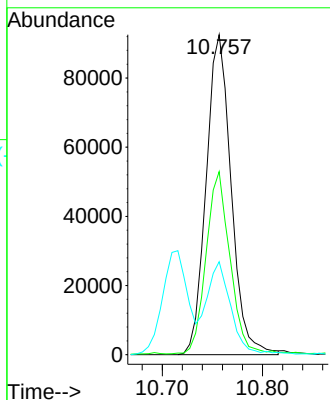
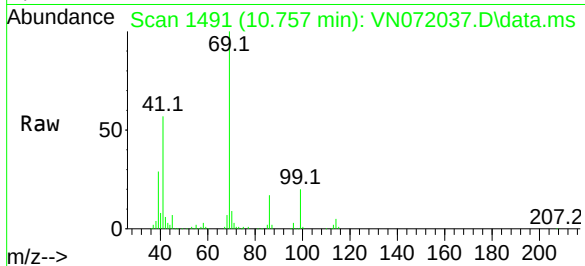




#51
Ethyl methacrylate
Concen: 19.352 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

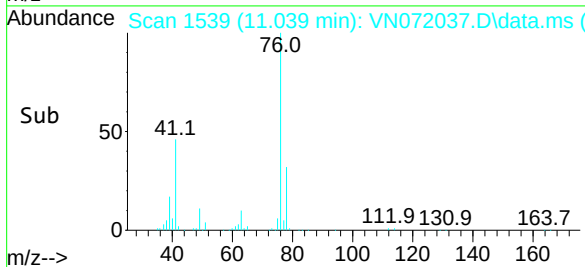
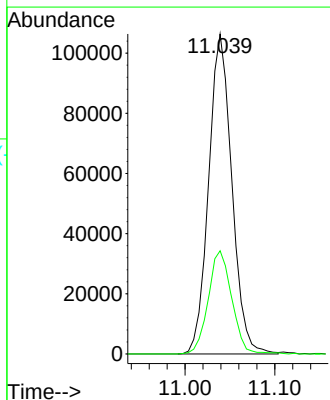
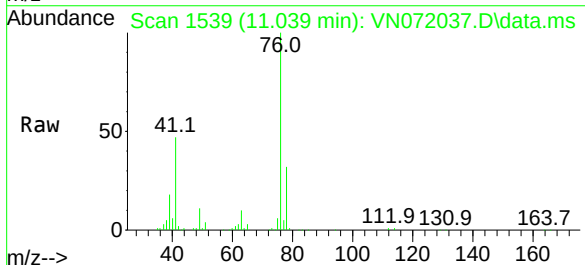
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

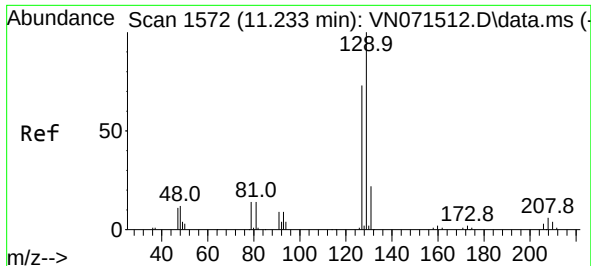
Tgt Ion: 69 Resp: 160202
Ion Ratio Lower Upper
69 100
41 56.7 33.0 98.9
39 28.4 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.865 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 76 Resp: 191046
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4

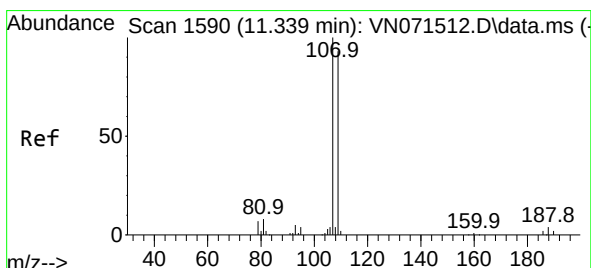
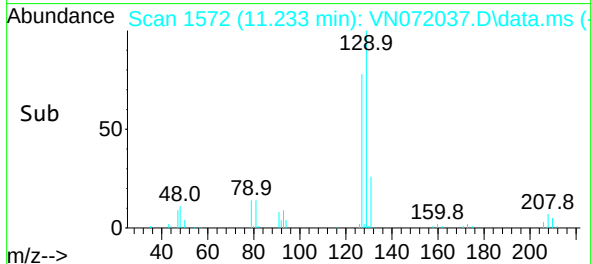
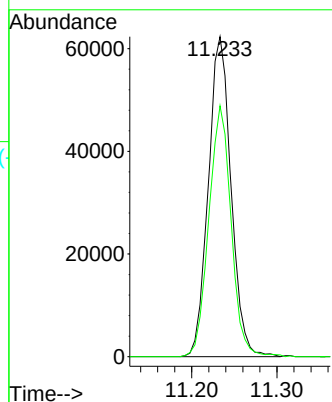
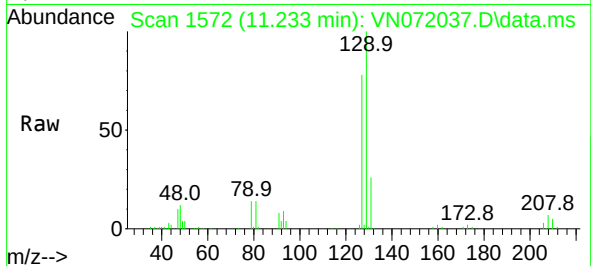




#53
Dibromochloromethane
Concen: 20.827 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

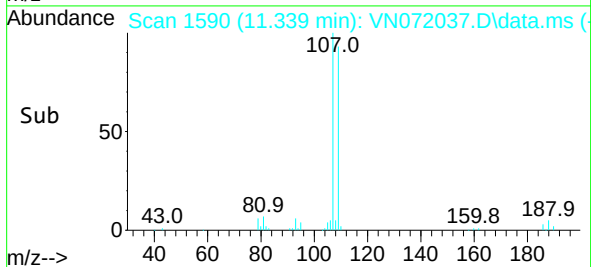
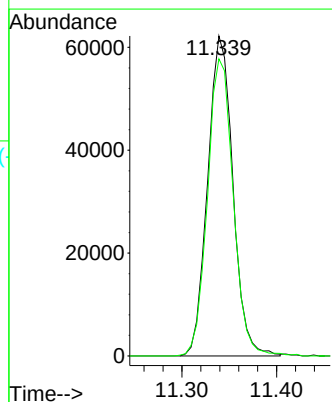
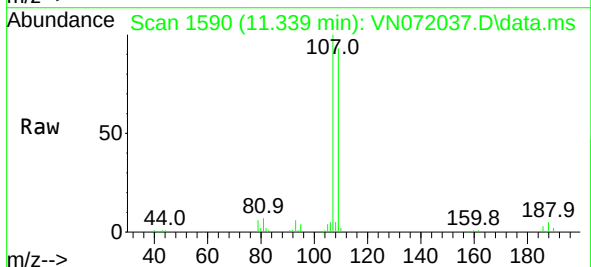
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

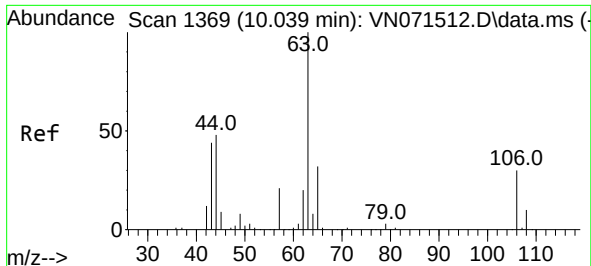
Tgt Ion:129 Resp: 115594
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0



#54
1,2-Dibromoethane
Concen: 20.862 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion:107 Resp: 115058
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2

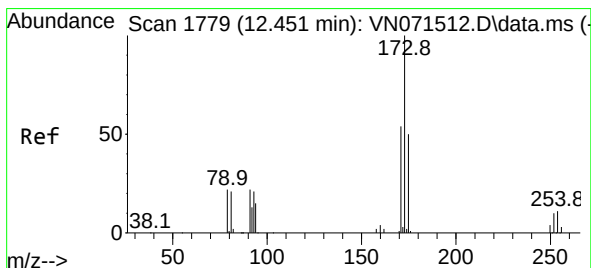
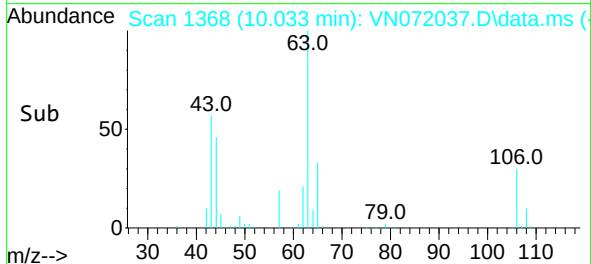
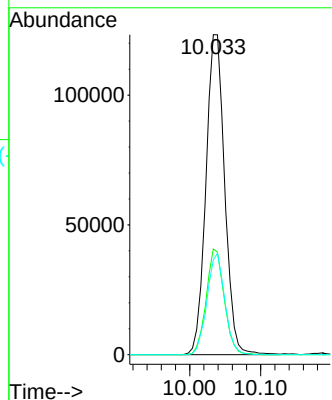
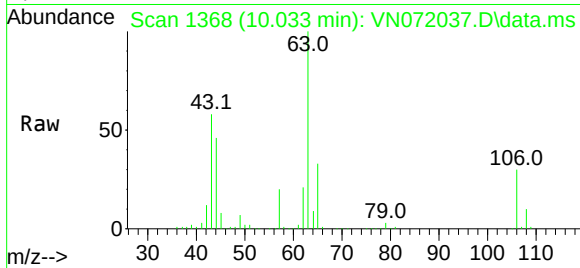




#55
2-Chloroethyl vinyl ether
Concen: 101.586 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

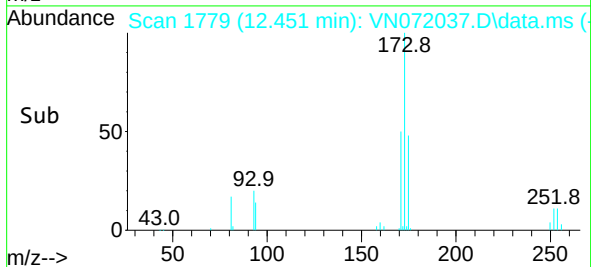
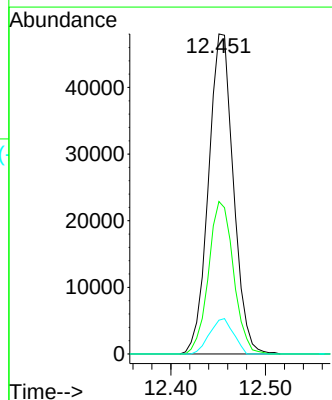
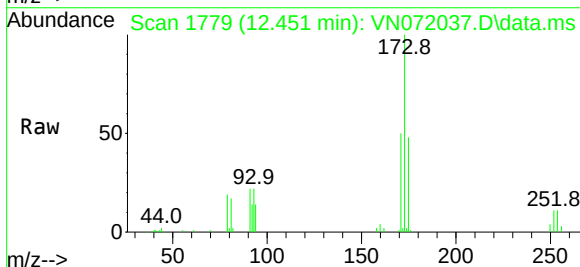
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

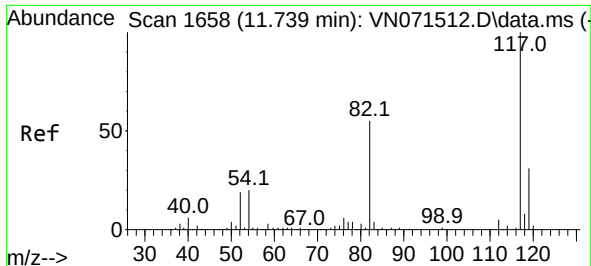
Tgt Ion: 63 Resp: 226589
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 30.0 23.2 34.8



#56
Bromoform
Concen: 20.526 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion:173 Resp: 87837
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 10.5 0.0 0.0#

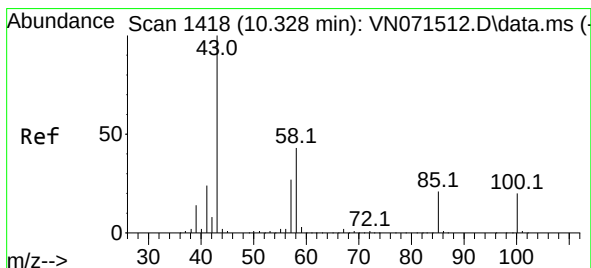
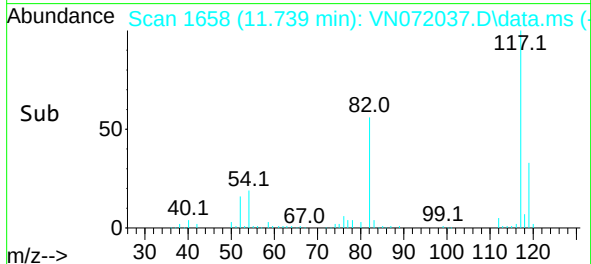
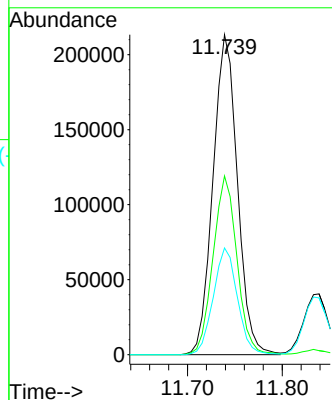
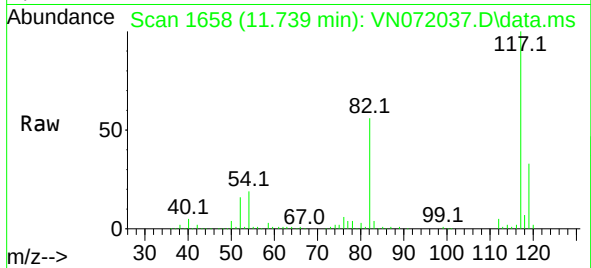




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

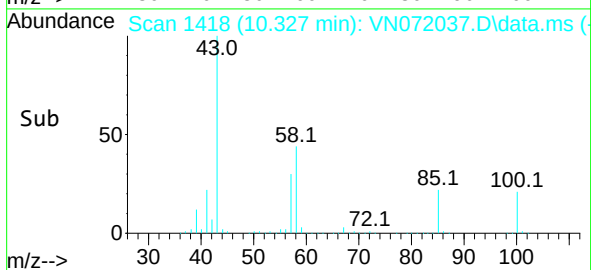
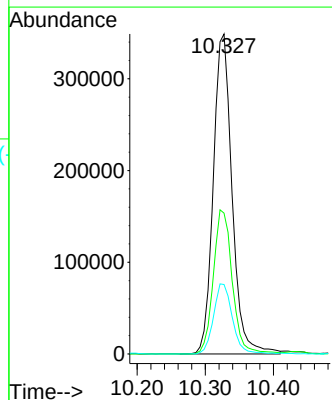
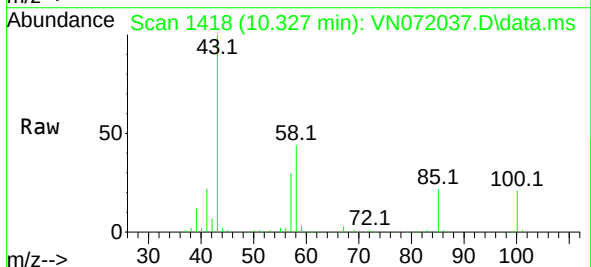
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

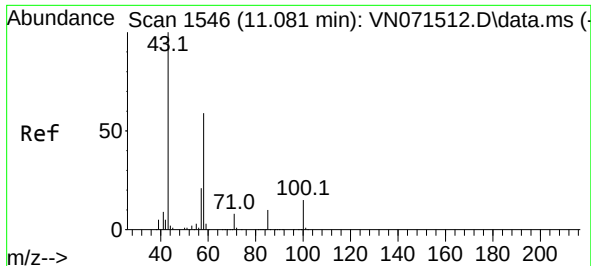
Tgt Ion:117 Resp: 382474
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 92.318 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

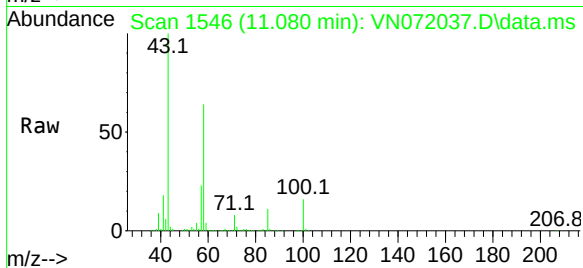
Tgt Ion: 43 Resp: 670270
Ion Ratio Lower Upper
43 100
58 45.5 30.0 45.0#
85 22.0 15.0 22.6



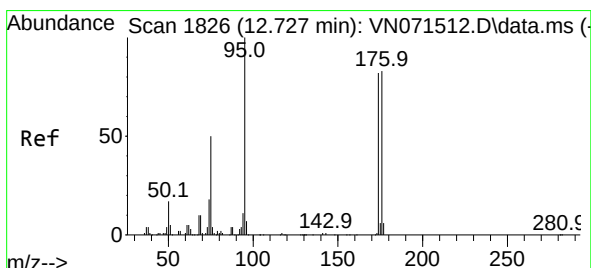
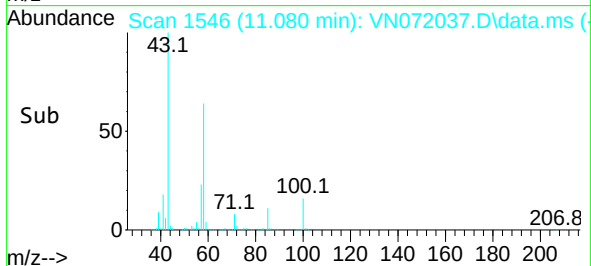
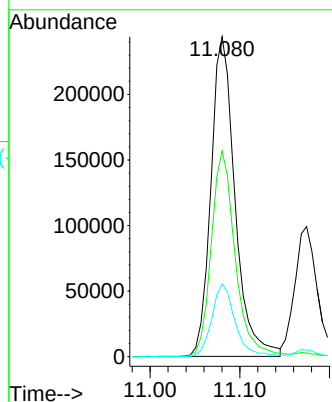


#59
2-Hexanone
Concen: 85.615 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

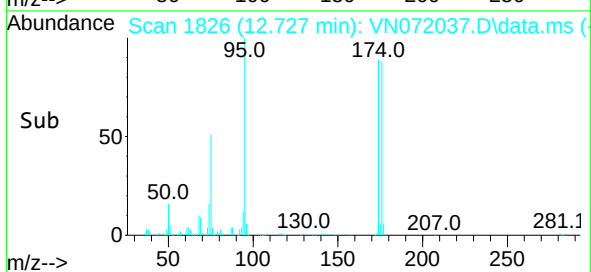
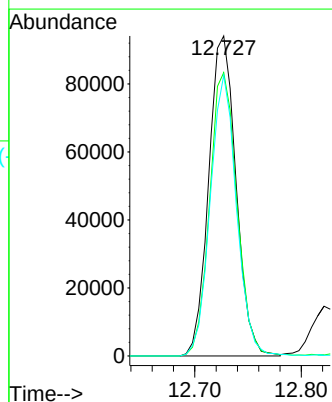
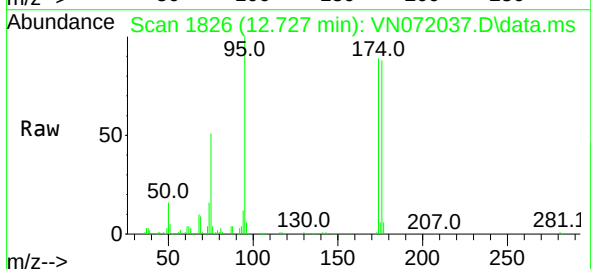


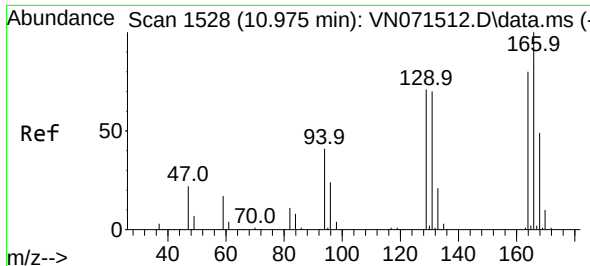
Tgt Ion: 43 Resp: 453845
Ion Ratio Lower Upper
43 100
58 64.0 42.2 63.2#
57 21.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.483 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

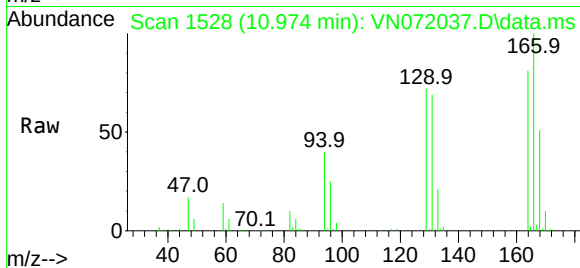
Tgt Ion: 95 Resp: 167203
Ion Ratio Lower Upper
95 100
174 88.5 62.9 94.3
176 84.4 61.0 91.4



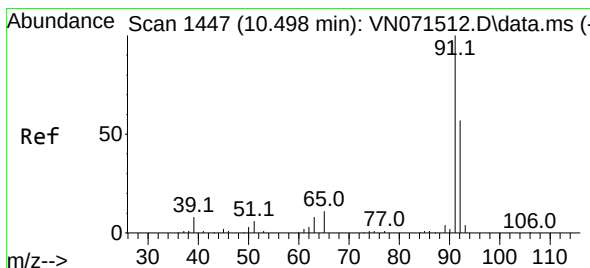
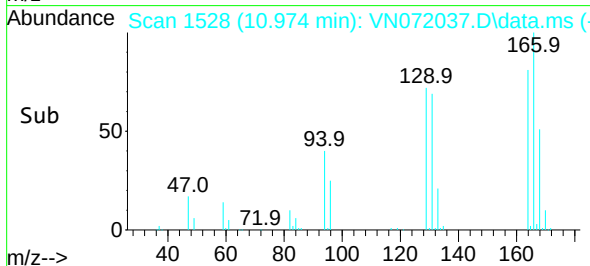
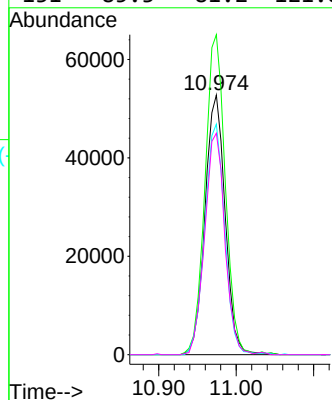


#61
Tetrachloroethene
Concen: 20.472 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

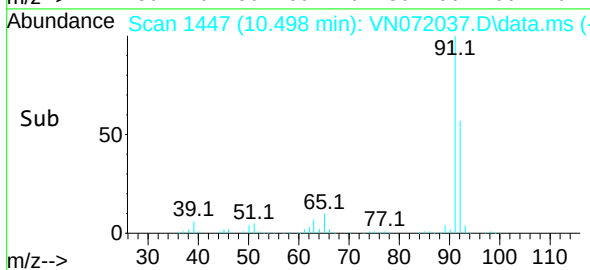
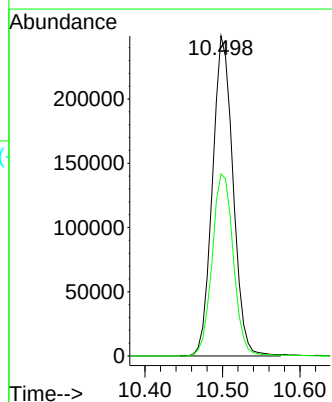
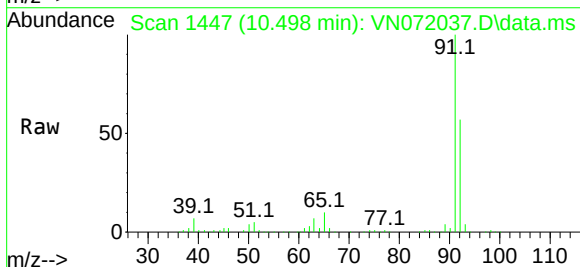


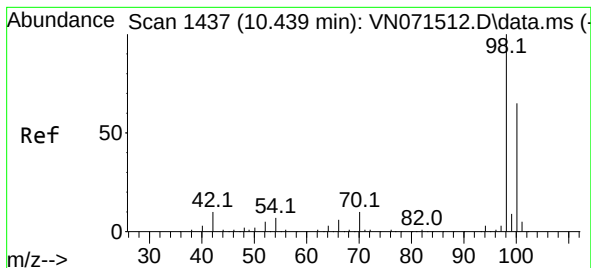
Tgt Ion:164 Resp: 95295
Ion Ratio Lower Upper
164 100
166 123.2 105.8 158.8
129 88.8 82.5 123.7
131 85.3 81.2 121.8



#62
Toluene
Concen: 19.804 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 91 Resp: 459286
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0





#63

Toluene-d8

Concen: 30.029 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

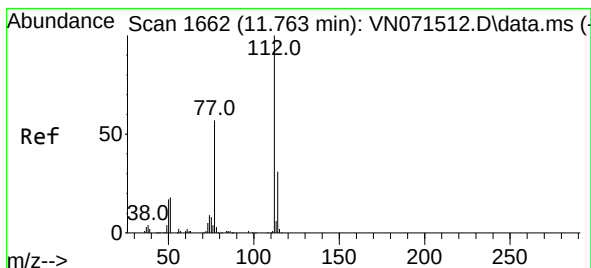
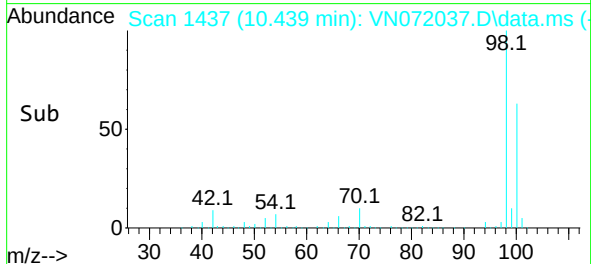
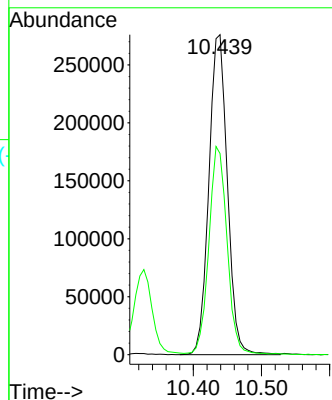
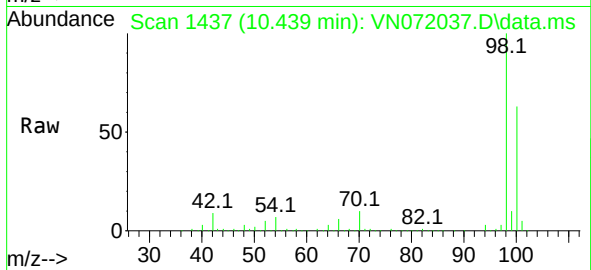
VSTDCCC020

Tgt Ion: 98 Resp: 521365

Ion Ratio Lower Upper

98 100

100 64.2 50.6 76.0



#64

Chlorobenzene

Concen: 19.612 ug/l

RT: 11.763 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VN072037.D

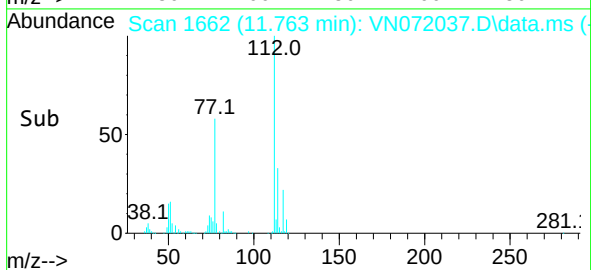
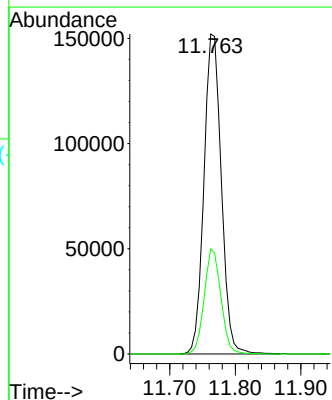
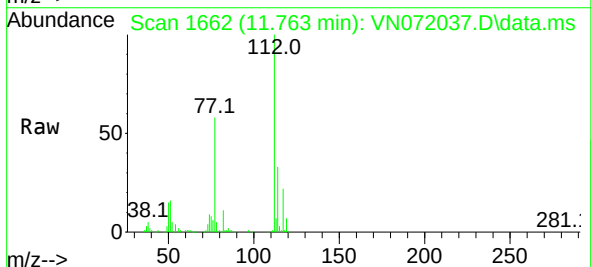
Acq: 18 Apr 2022 18:29

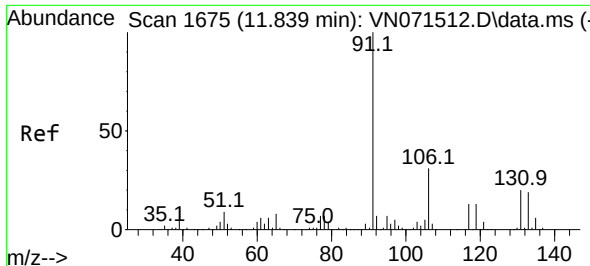
Tgt Ion: 112 Resp: 280553

Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.6

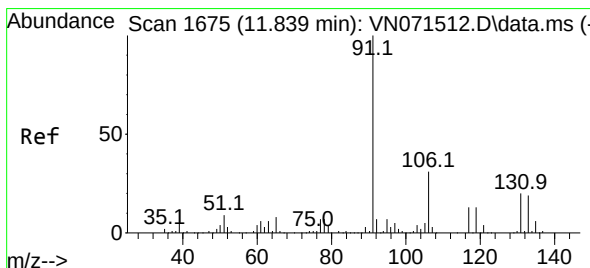
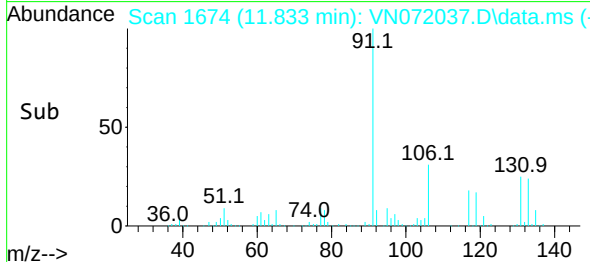
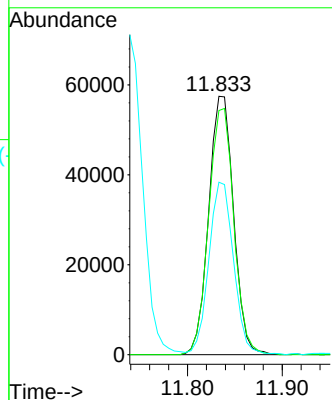
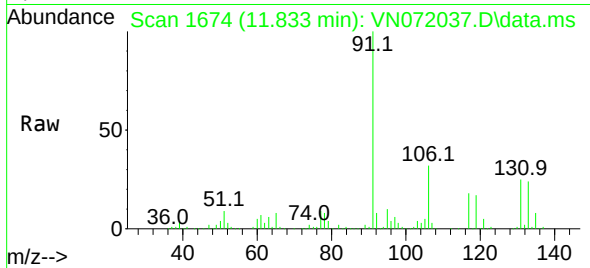




#65
1,1,1,2-Tetrachloroethane
Concen: 20.008 ug/l
RT: 11.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

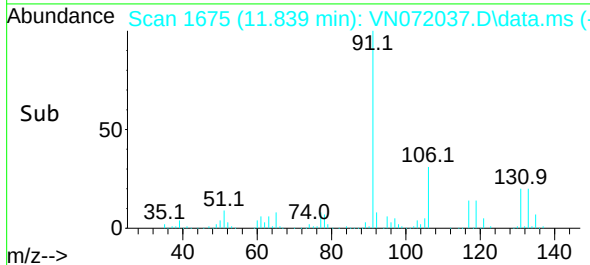
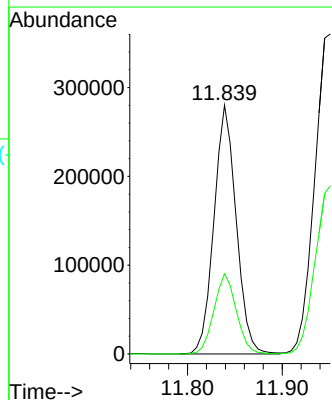
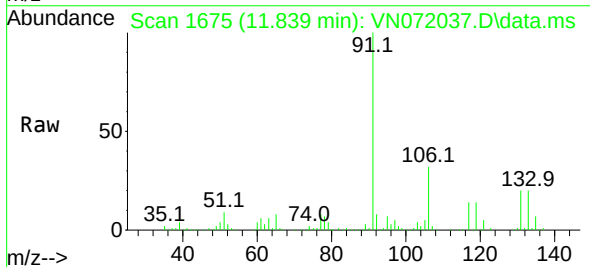
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

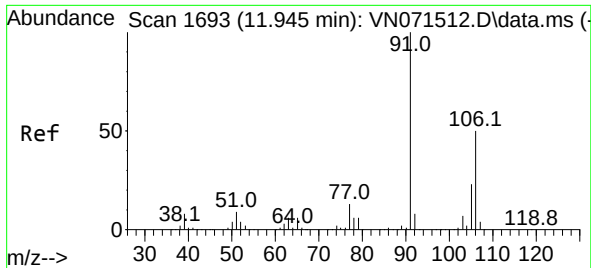
Tgt Ion:131 Resp: 105002
Ion Ratio Lower Upper
131 100
133 96.6 0.0 191.2
119 66.2 0.0 128.8



#66
Ethyl Benzene
Concen: 18.119 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 91 Resp: 456659
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0

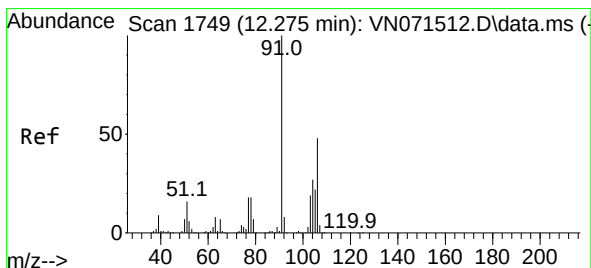
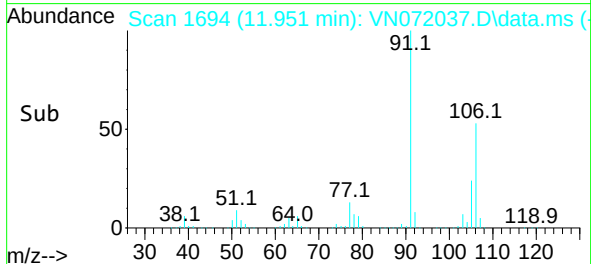
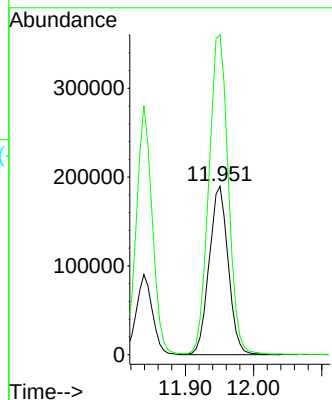
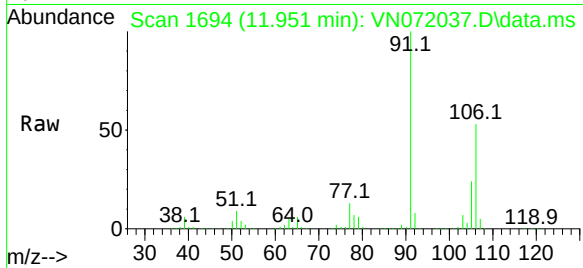




#67
m/p-Xylenes
Concen: 37.659 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

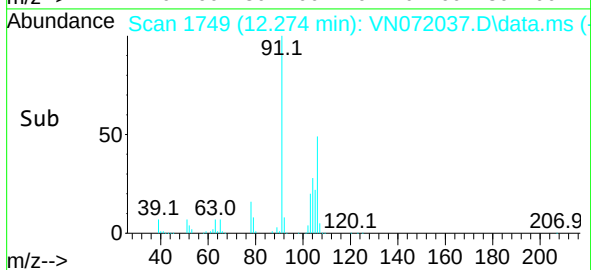
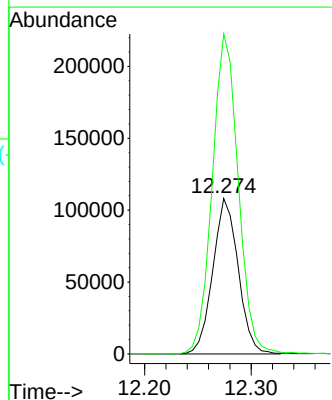
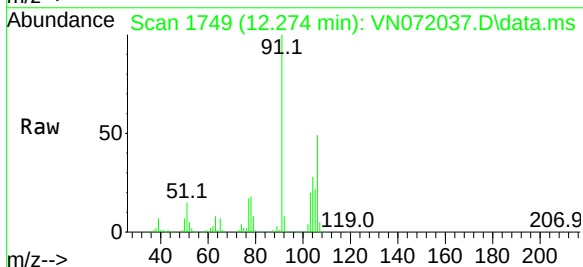
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

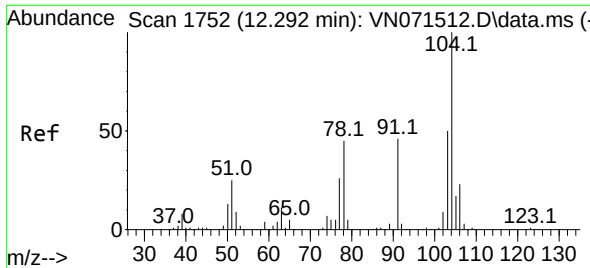
Tgt Ion:106 Resp: 369229
Ion Ratio Lower Upper
106 100
91 194.2 162.9 244.3



#68
o-Xylene
Concen: 18.357 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion:106 Resp: 178893
Ion Ratio Lower Upper
106 100
91 210.2 107.7 323.1

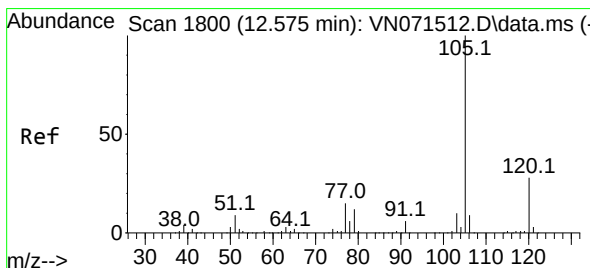
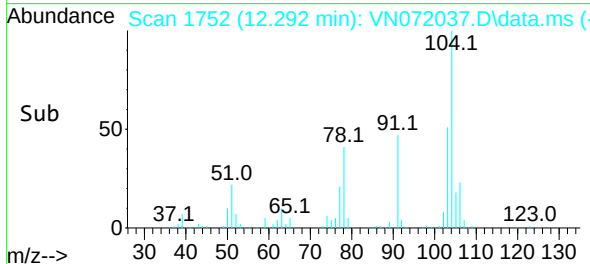
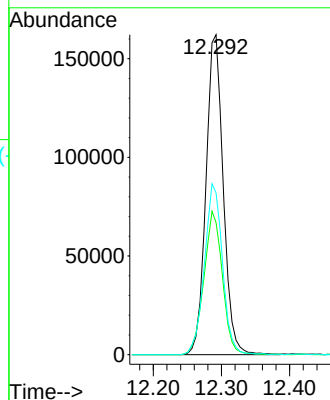
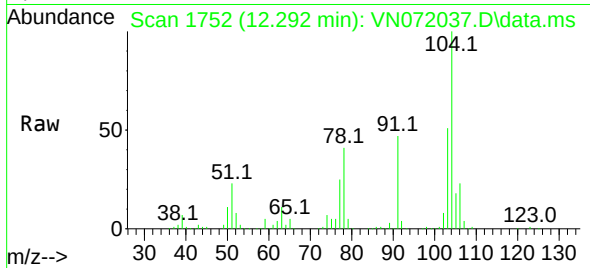




#69
Styrene
Concen: 18.685 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

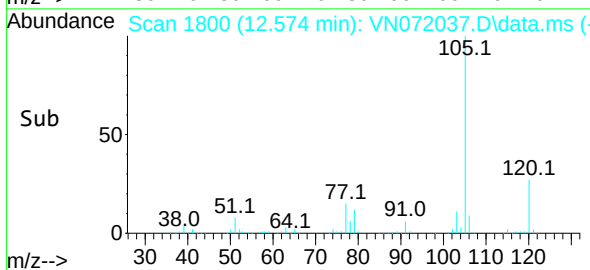
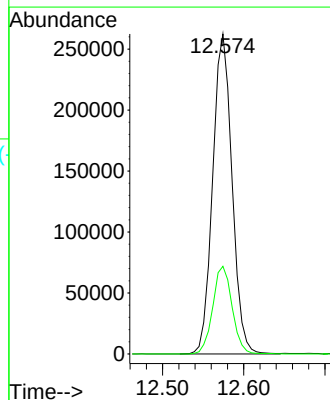
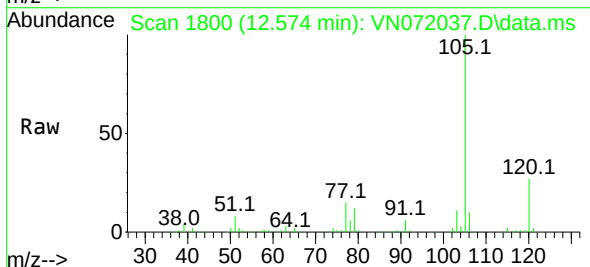
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

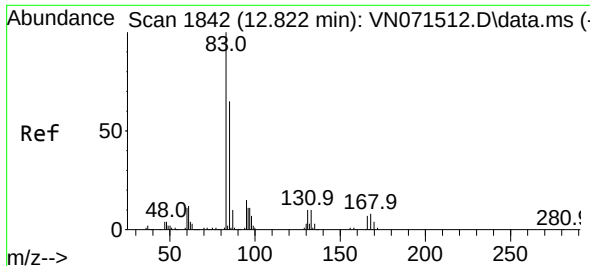
Tgt Ion:104 Resp: 286569
Ion Ratio Lower Upper
104 100
78 47.9 40.7 61.1
103 55.8 45.8 68.8



#70
Isopropylbenzene
Concen: 17.741 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion:105 Resp: 433931
Ion Ratio Lower Upper
105 100
120 27.4 18.3 34.1

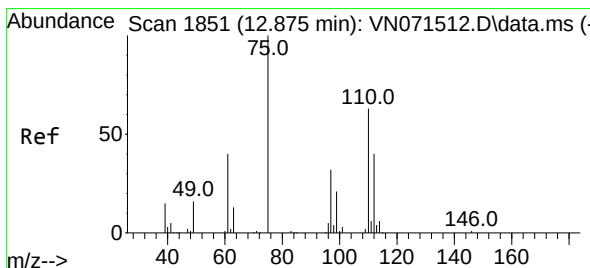
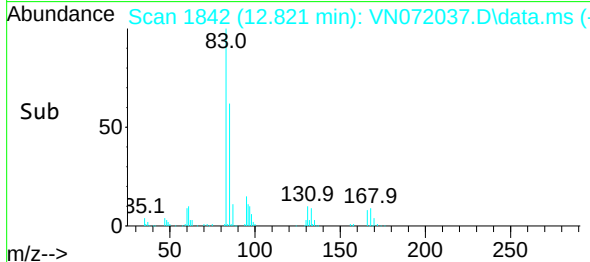
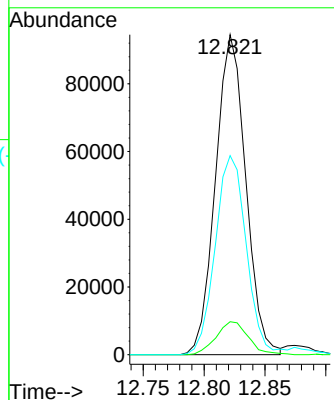
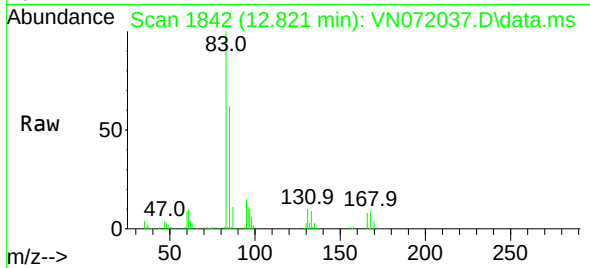




#71
1,1,2,2-Tetrachloroethane
Concen: 20.532 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

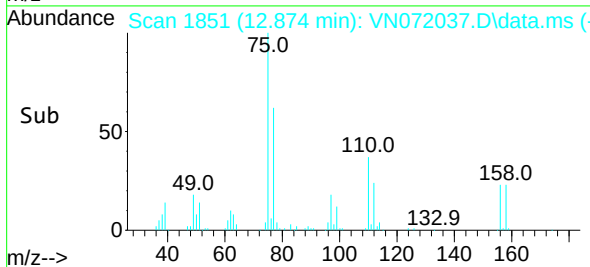
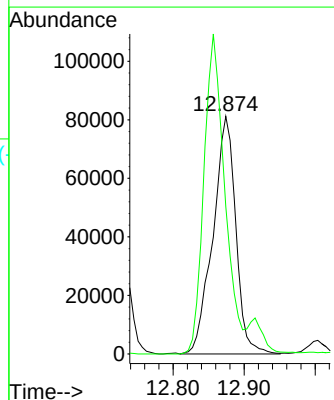
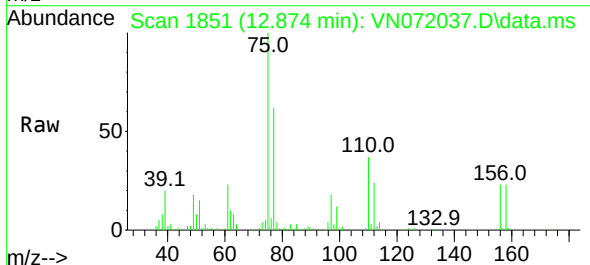
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

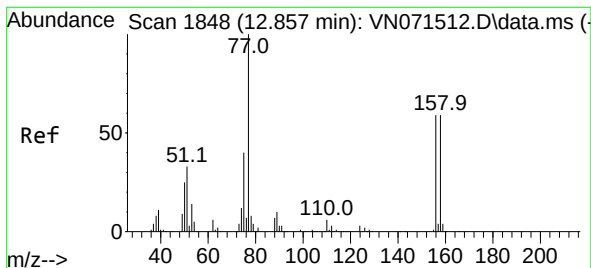
Tgt Ion: 83 Resp: 163445
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 63.4 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 26.500 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 75 Resp: 181230
Ion Ratio Lower Upper
75 100
77 122.3 0.0 378.0





#73

Bromobenzene

Concen: 18.919 ug/l

RT: 12.857 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

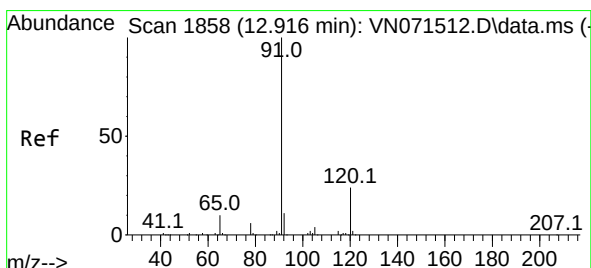
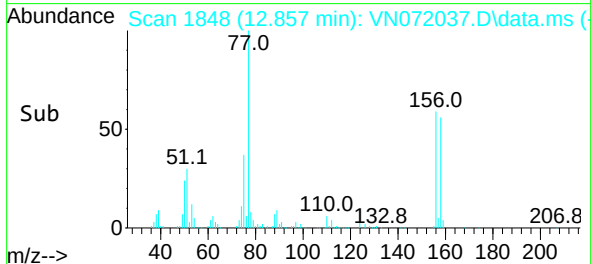
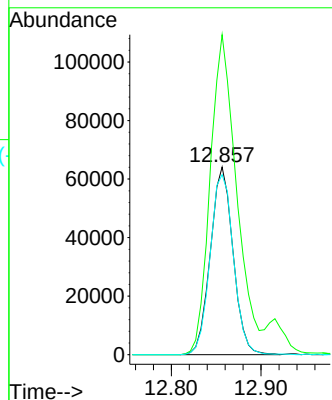
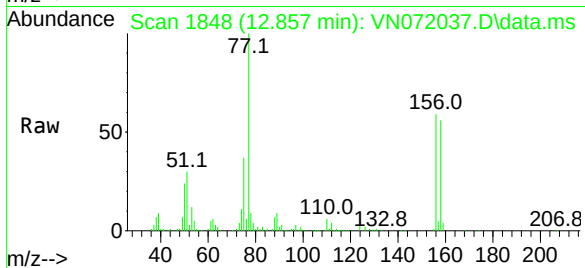
Tgt Ion:156 Resp: 112888

Ion Ratio Lower Upper

156 100

77 196.3 0.0 416.0

158 98.6 0.0 195.4



#74

n-propylbenzene

Concen: 17.491 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN072037.D

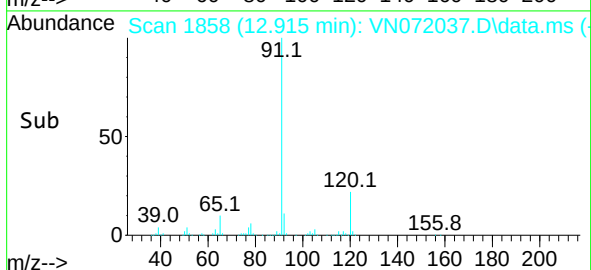
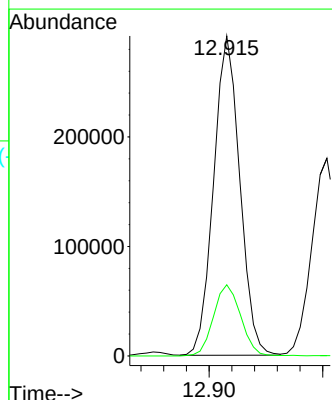
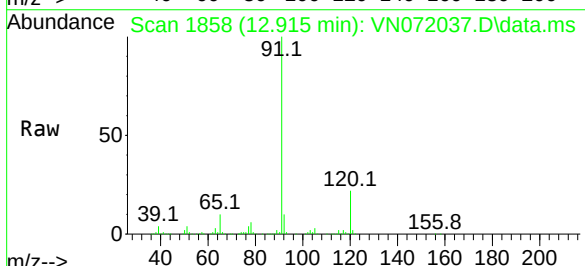
Acq: 18 Apr 2022 18:29

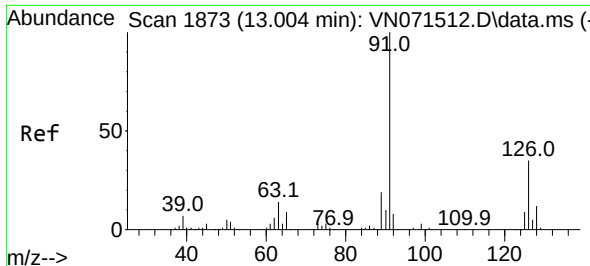
Tgt Ion: 91 Resp: 466912

Ion Ratio Lower Upper

91 100

120 23.1 0.0 45.0

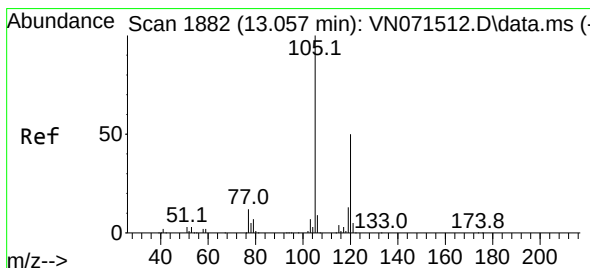
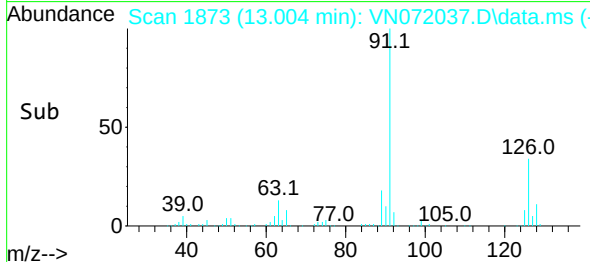
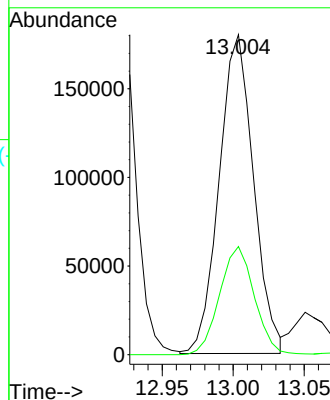
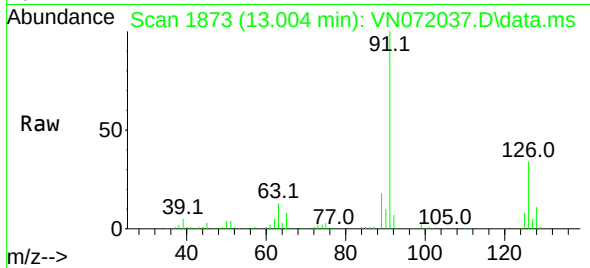




#75
2-Chlorotoluene
Concen: 18.150 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

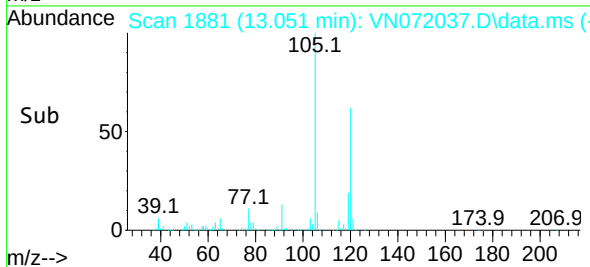
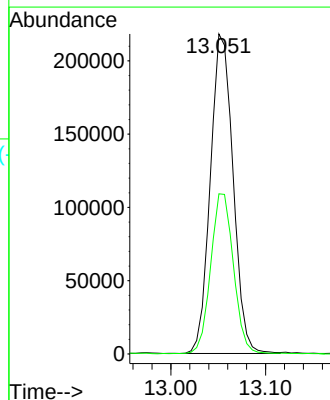
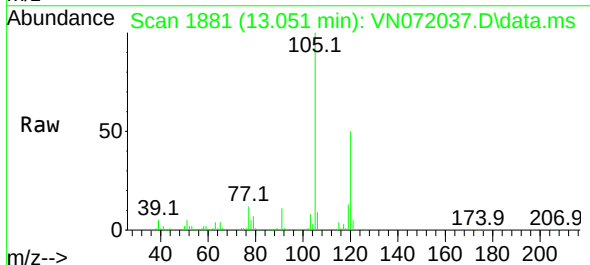
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

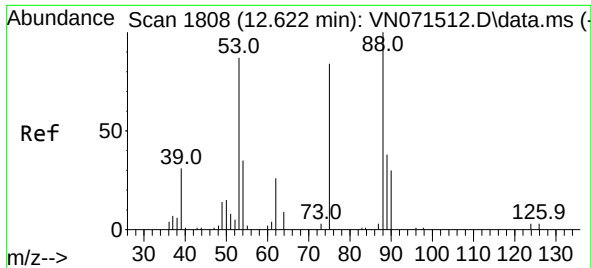
Tgt Ion: 91 Resp: 302785
Ion Ratio Lower Upper
91 100
126 34.4 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 18.509 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 105 Resp: 363203
Ion Ratio Lower Upper
105 100
120 50.5 0.0 93.8

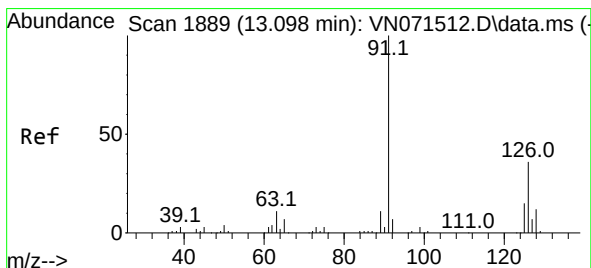
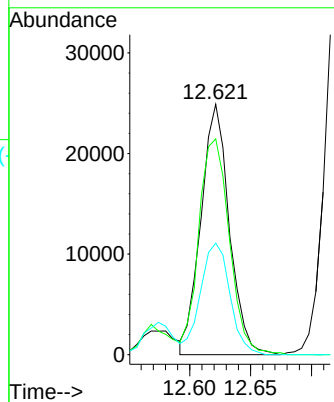
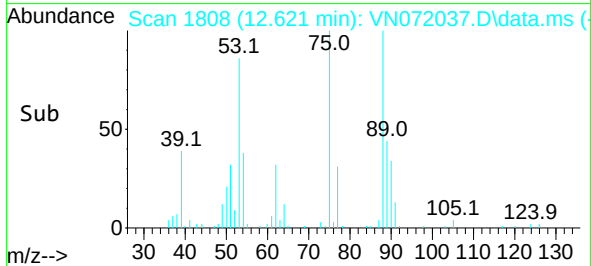
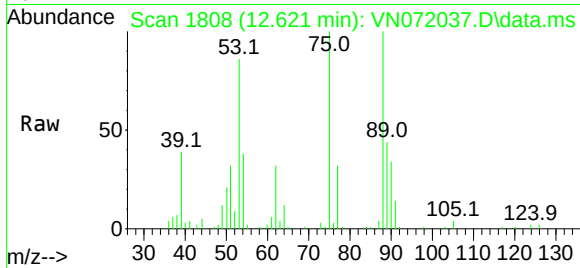




#77
t-1,4-Dichloro-2-butene
Concen: 16.819 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

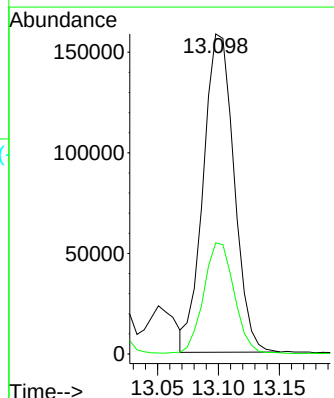
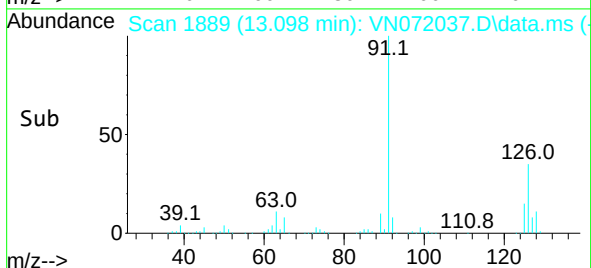
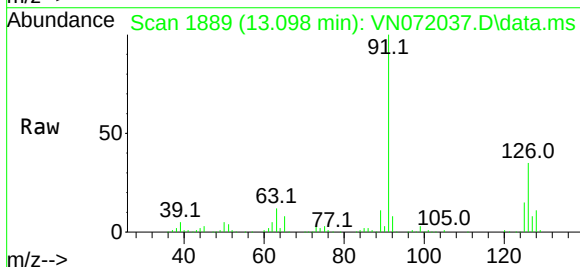
Instrument :
MSVOA_N
ClientSampleId :
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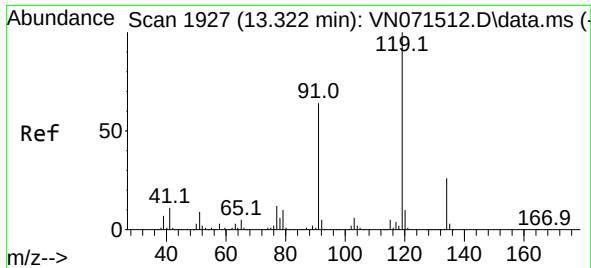
Tgt Ion: 75 Resp: 40388
Ion Ratio Lower Upper
75 100
53 85.4 51.8 155.5
89 44.5 22.9 68.7



#78
4-Chlorotoluene
Concen: 17.880 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion: 91 Resp: 278576
Ion Ratio Lower Upper
91 100
126 35.0 0.0 70.6

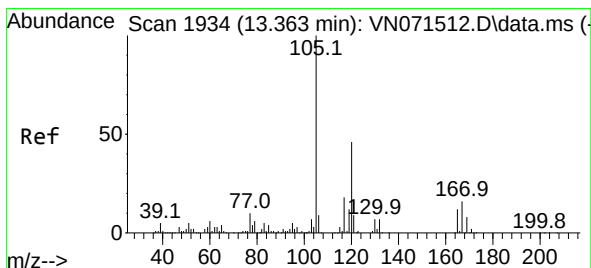
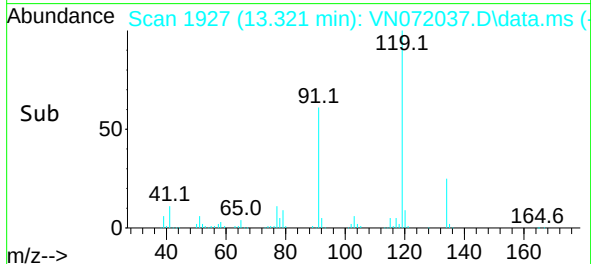
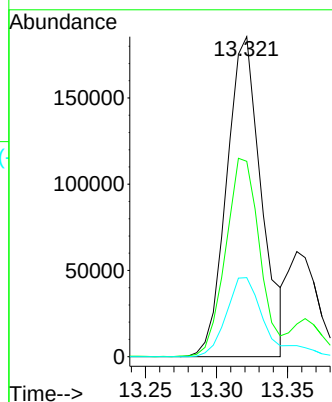
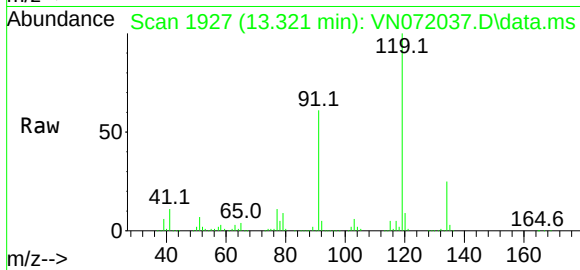




#79
tert-butylbenzene
Concen: 17.819 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

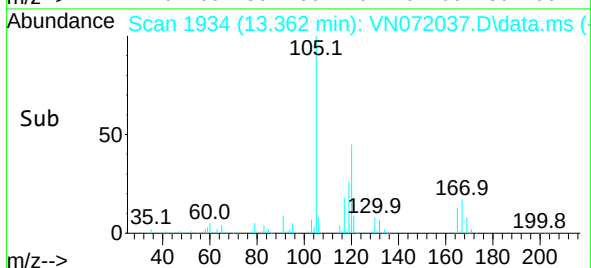
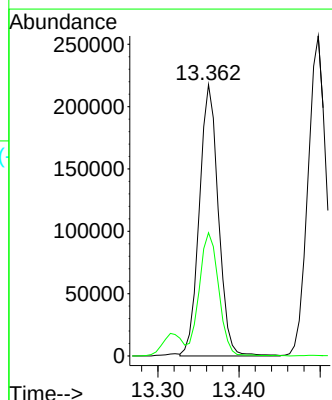
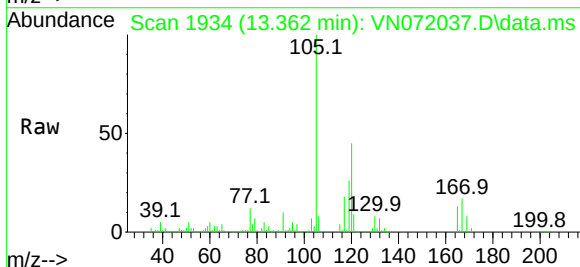
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

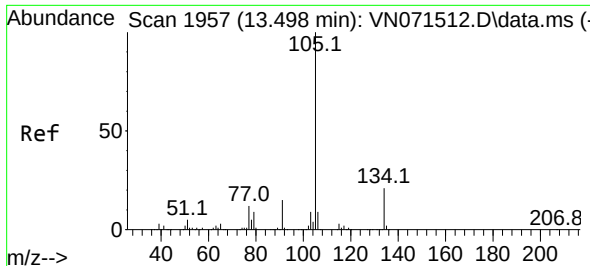
Tgt Ion:119 Resp: 315528
Ion Ratio Lower Upper
119 100
91 61.0 0.0 137.0
134 24.9 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 18.629 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072037.D
Acq: 18 Apr 2022 18:29

Tgt Ion:105 Resp: 354689
Ion Ratio Lower Upper
105 100
120 46.6 0.0 0.2#

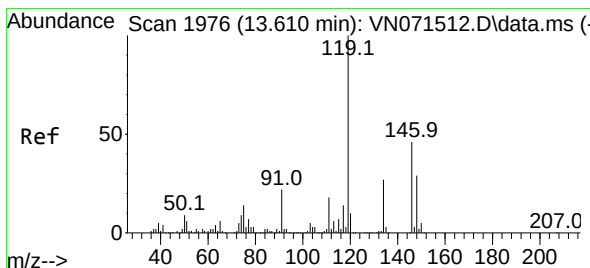
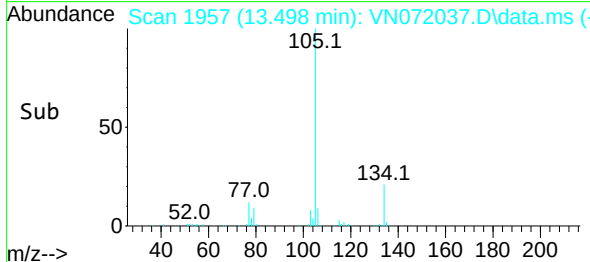
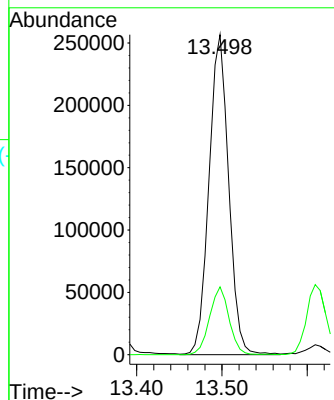
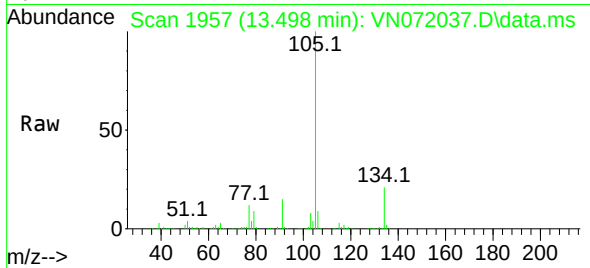




#81
 sec-Butylbenzene
 Concen: 17.305 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

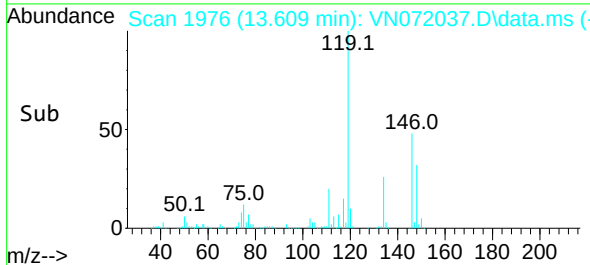
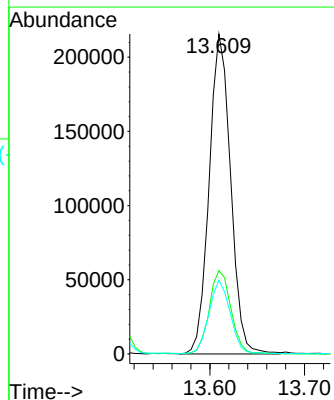
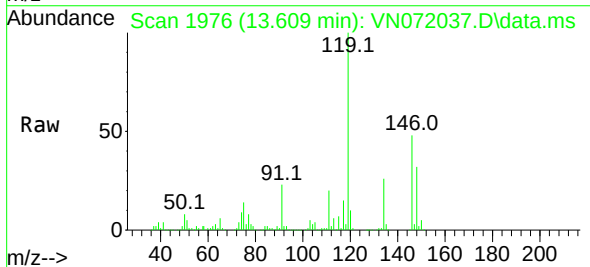
Instrument :
 MSVOA_N
 ClientSampleId :
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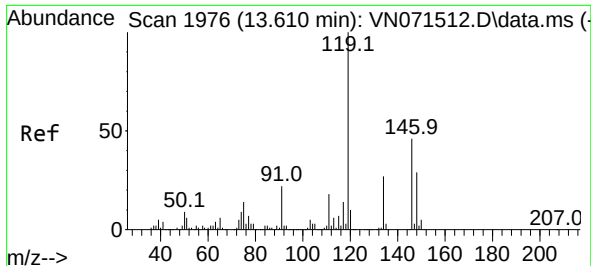
Tgt Ion:105 Resp: 411740
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.586 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

Tgt Ion:119 Resp: 339958
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 22.5 0.0 50.4

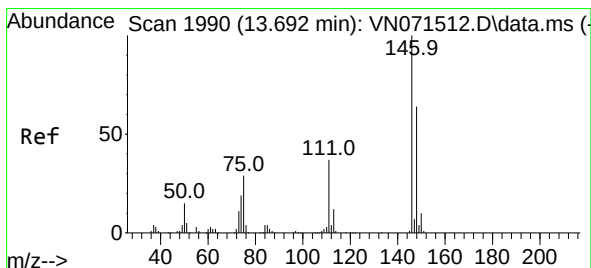
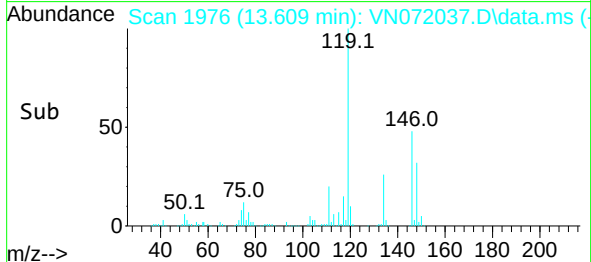
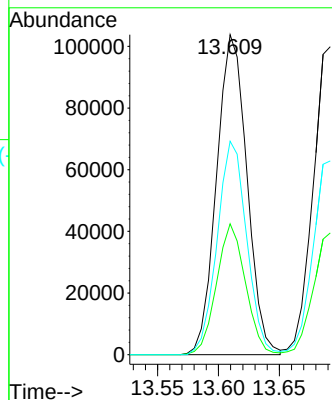
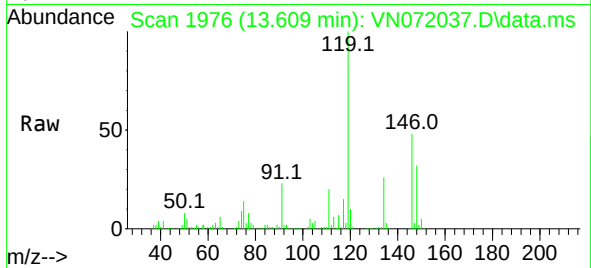




#83
 1,3-Dichlorobenzene
 Concen: 18.463 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

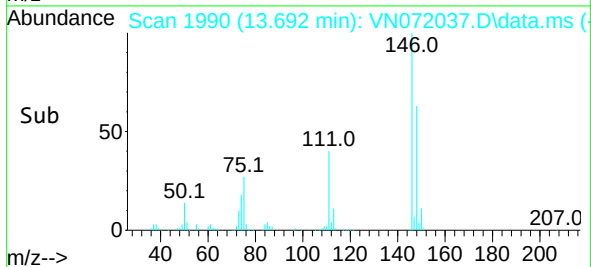
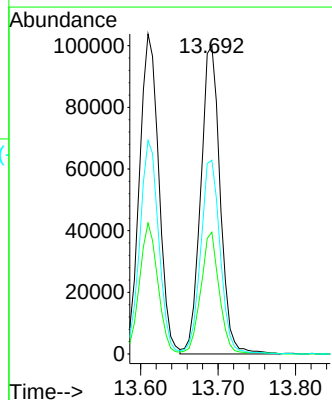
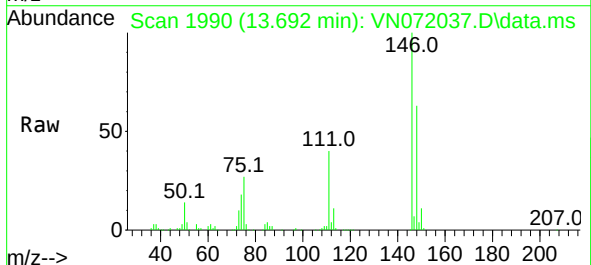
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

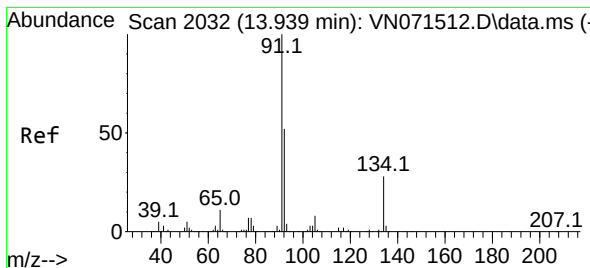
Tgt Ion:146 Resp: 180261
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.8 62.2
 148 64.9 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 18.716 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN072037.D
 Acq: 18 Apr 2022 18:29

Tgt Ion:146 Resp: 174417
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.5 58.5
 148 63.4 31.1 93.5





#85

n-Butylbenzene

Concen: 15.788 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

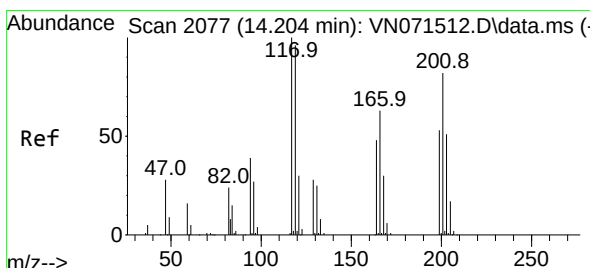
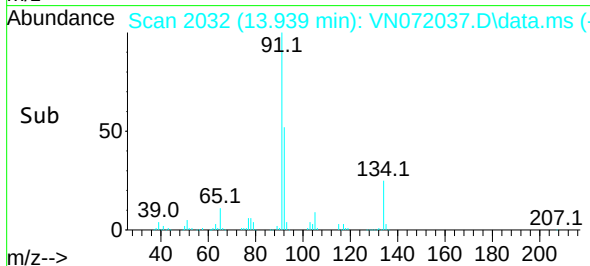
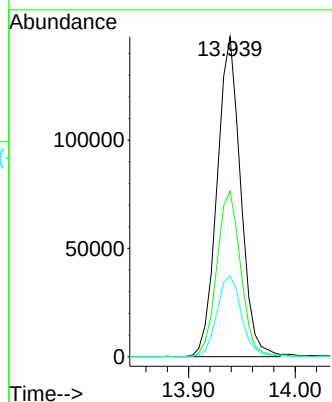
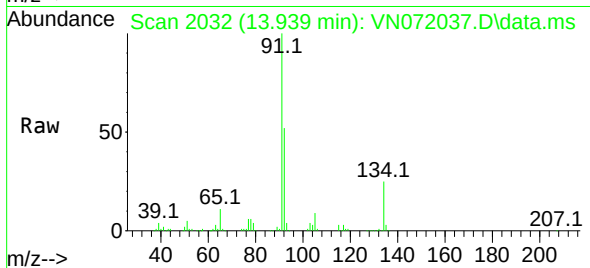
Tgt Ion: 91 Resp: 226698

Ion Ratio Lower Upper

91 100

92 52.5 0.0 100.6

134 26.4 0.0 50.2



#86

Hexachloroethane

Concen: 16.538 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VN072037.D

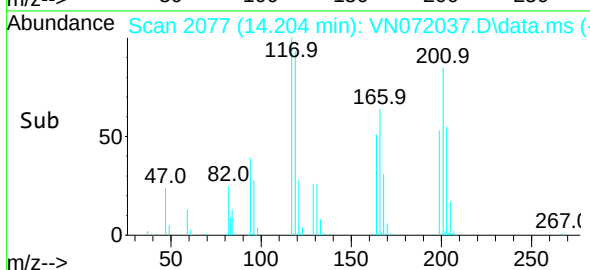
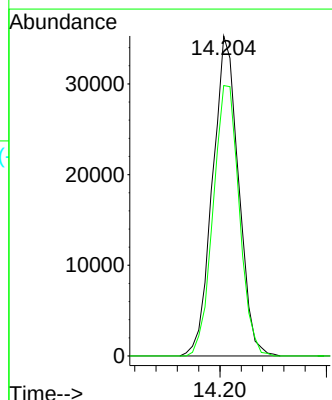
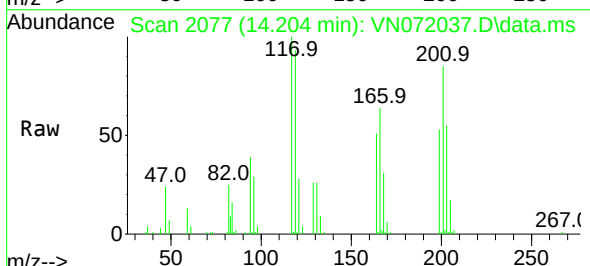
Acq: 18 Apr 2022 18:29

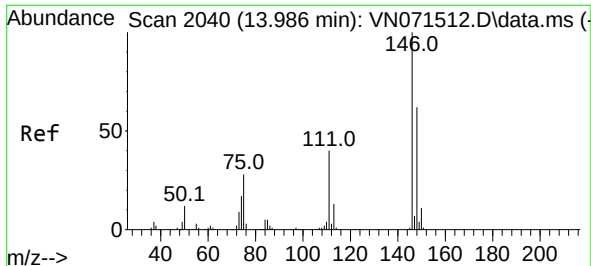
Tgt Ion: 117 Resp: 59700

Ion Ratio Lower Upper

117 100

201 84.9 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.456 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

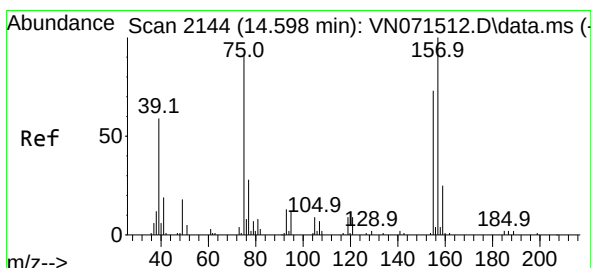
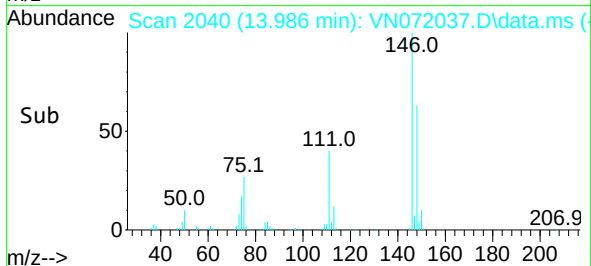
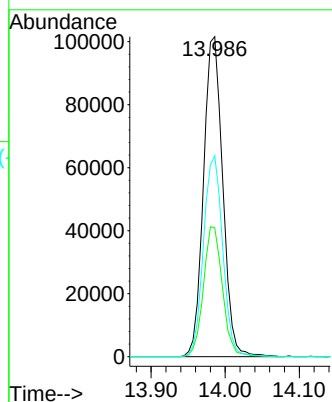
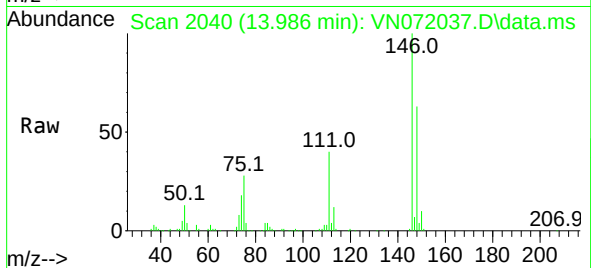
Tgt Ion:146 Resp: 183652

Ion Ratio Lower Upper

146 100

111 40.1 21.4 64.2

148 62.7 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.853 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

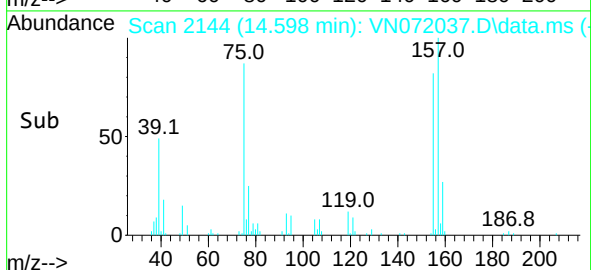
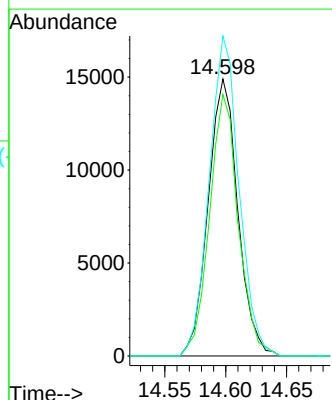
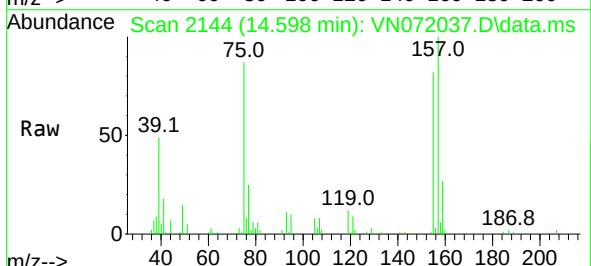
Tgt Ion: 75 Resp: 25286

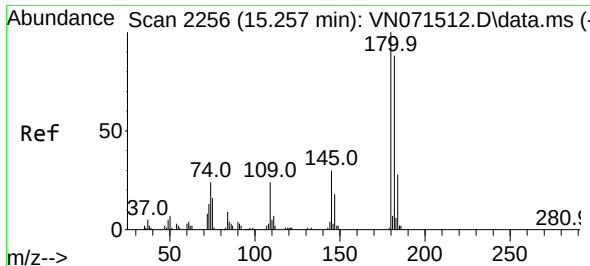
Ion Ratio Lower Upper

75 100

155 91.4 63.8 95.8

157 115.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.170 ug/l

RT: 15.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

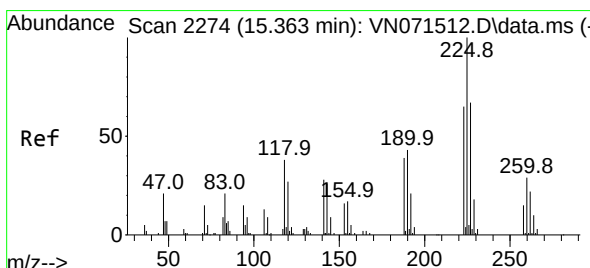
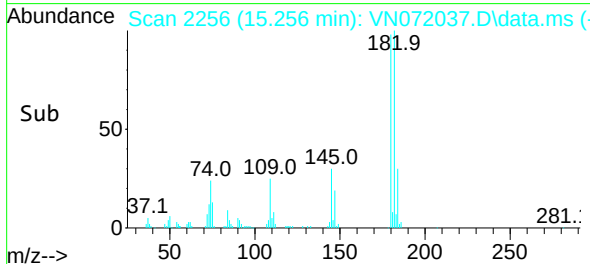
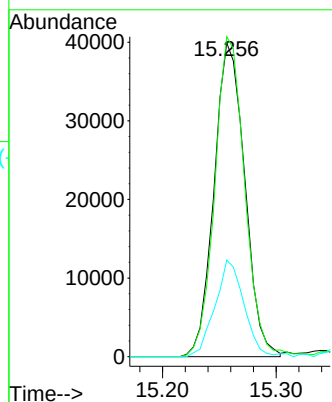
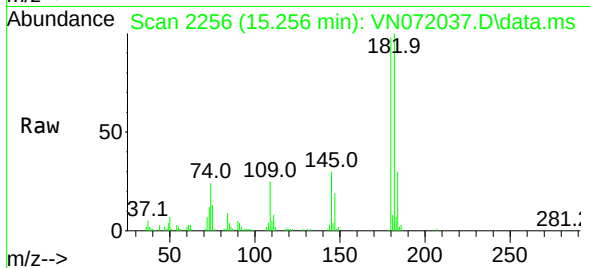
Tgt Ion:180 Resp: 74916

Ion Ratio Lower Upper

180 100

182 99.7 77.7 116.5

145 28.8 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.865 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

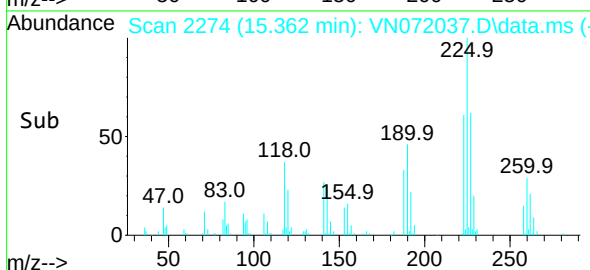
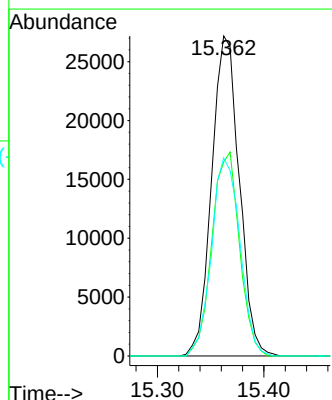
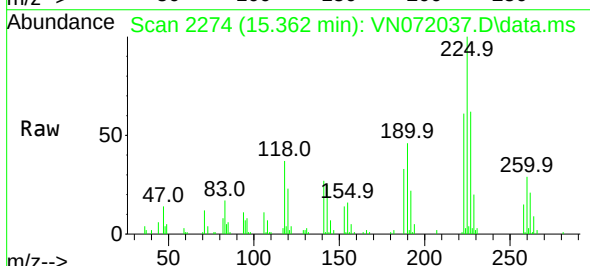
Tgt Ion:225 Resp: 48777

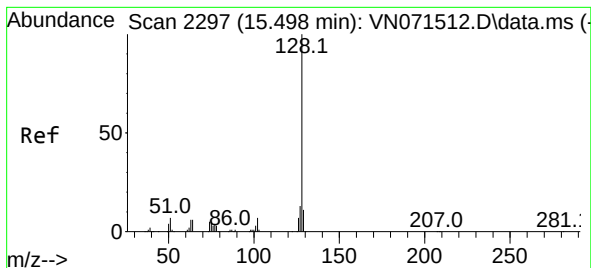
Ion Ratio Lower Upper

225 100

223 63.6 0.0 126.8

227 63.9 0.0 123.0





#91

Naphthalene

Concen: 18.307 ug/l

RT: 15.503 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

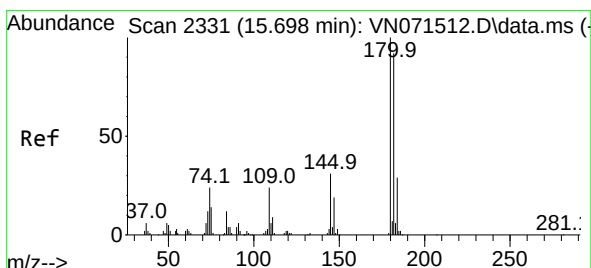
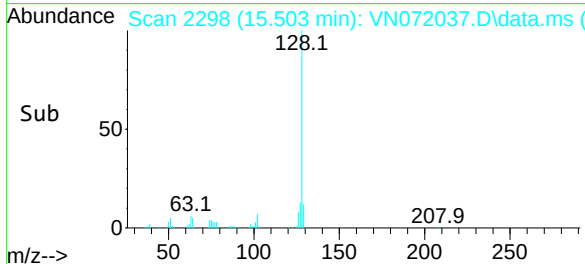
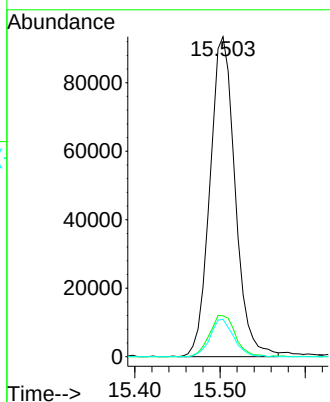
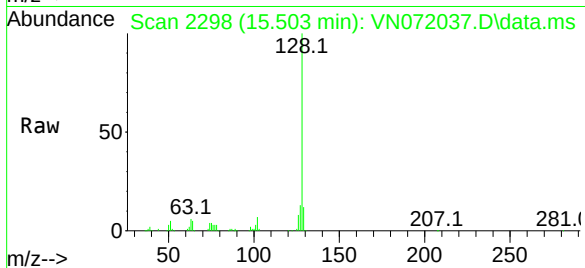
Tgt Ion:128 Resp: 192058

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.009 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN072037.D

Acq: 18 Apr 2022 18:29

Tgt Ion:180 Resp: 77065

Ion Ratio Lower Upper

180 100

182 95.5 0.0 190.0

145 29.6 0.0 67.8

