

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072506.D
 Acq On : 16 May 2022 17:20
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Quant Time: May 17 07:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	28229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	146231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	134997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	91199	28.711	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.700%
60) 4-Bromofluorobenzene	12.727	95	77615	29.446	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.167%
63) Toluene-d8	10.439	98	226758	30.771	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	44308	18.895	ug/l	88
3) Chloromethane	2.298	50	38686	18.266	ug/l	96
5) Bromomethane	2.828	94	26078	17.933	ug/l	91
6) Chloroethane	2.998	64	20620	17.661	ug/l	89
7) Trichlorofluoromethane	3.363	101	76125	18.025	ug/l	97
8) Diethyl Ether	3.822	74	22604	17.792	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	36488	18.337	ug/l #	59
10) 1,1-Dichloroethene	4.175	96	31905	17.781	ug/l	87
11) Methyl Iodide	4.416	142	47317	17.511	ug/l	97
12) Methyl Acetate	4.857	43	54943	18.928	ug/l	97
13) Acrolein	4.034	56	37829	82.942	ug/l	100
14) Acrylonitrile	5.551	53	112873	92.167	ug/l	90
15) Acetone	4.292	58	31168	97.057	ug/l	98
16) Carbon Disulfide	4.528	76	82398	17.704	ug/l #	94
17) Allyl chloride	4.834	41	58755	18.141	ug/l	86
18) Methylene Chloride	5.087	84	40707	19.167	ug/l	96
19) trans-1,2-Dichloroethene	5.592	96	35450	17.988	ug/l	90
20) Diisopropyl ether	6.486	45	121455	18.038	ug/l	96
21) 1,1-Dichloroethane	6.386	63	73702	18.304	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	42405	18.327	ug/l	95
23) tert-Butyl Alcohol	5.375	59	50242	93.530	ug/l #	100
24) Methyl tert-Butyl Ether	5.622	73	135981	18.473	ug/l #	83
25) Chloroform	7.816	83	81622	18.796	ug/l	99
26) Cyclohexane	8.092	56	59545	18.223	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	55388	19.019	ug/l	95
30) 2-Butanone	7.333	43	162788	96.577	ug/l	97
31) 2,2-Dichloropropane	7.322	77	69064	19.115	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	76920	18.517	ug/l	98
33) Carbon Tetrachloride	8.204	117	66305	17.961	ug/l	96
34) Benzene	8.457	78	157792	19.068	ug/l	98
35) Methacrylonitrile	7.633	41	33430	18.758	ug/l	96
36) 1,2-Dichloroethane	8.527	62	71423	18.533	ug/l	100
37) Trichloroethene	9.216	130	42247	18.818	ug/l	98
38) Methylcyclohexane	9.457	83	61544	18.278	ug/l	93
39) 1,2-Dichloropropane	9.486	63	39569	18.982	ug/l	95
40) Dibromomethane	9.574	93	29918	18.593	ug/l	91
41) Bromodichloromethane	9.757	83	64664	18.968	ug/l	93
42) Vinyl Acetate	6.433	43	549369	96.834	ug/l	98
43) Ethyl Acetate	7.410	43	67662	20.555	ug/l	97

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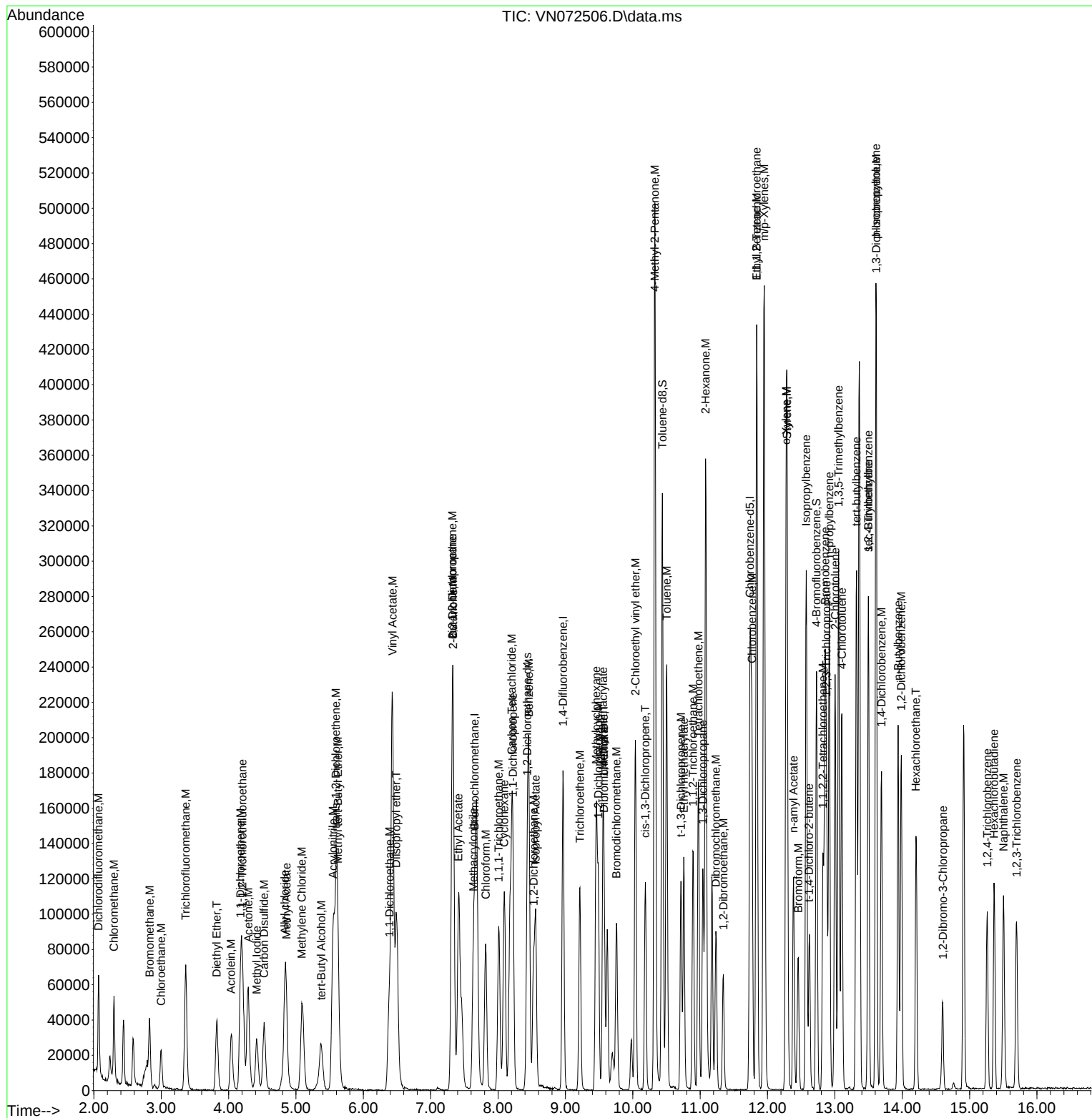
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.557	43	99789	18.938	ug/l	97
45) 1,4-Dioxane	9.569	88	18876	376.114	ug/l	91
46) Methyl methacrylate	9.557	41	46638	18.705	ug/l	85
47) n-amyl Acetate	12.386	43	66739	18.920	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	65003	18.062	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	66676	18.381	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	42487	19.143	ug/l	97
51) Ethyl methacrylate	10.757	69	65268	18.858	ug/l	90
52) 1,3-Dichloropropane	11.039	76	71590	18.669	ug/l	98
53) Dibromochloromethane	11.233	129	48999	18.284	ug/l	98
54) 1,2-Dibromoethane	11.345	107	45144	19.121	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	84780	96.544	ug/l	97
56) Bromoform	12.457	173	36916	18.266	ug/l #	98
58) 4-Methyl-2-Pentanone	10.327	43	326585	102.667	ug/l	99
59) 2-Hexanone	11.080	43	238328	101.986	ug/l	98
61) Tetrachloroethene	10.974	164	38685	19.135	ug/l	98
62) Toluene	10.504	91	176614	19.365	ug/l	98
64) Chlorobenzene	11.768	112	108135	19.008	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	47422	20.160	ug/l	97
66) Ethyl Benzene	11.839	91	193497	18.863	ug/l	99
67) m/p-Xylenes	11.951	106	151337	38.912	ug/l	96
68) o-Xylene	12.274	106	72214	18.784	ug/l	91
69) Styrene	12.292	104	115571	18.875	ug/l	94
70) Isopropylbenzene	12.574	105	194195	19.036	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	60997	19.580	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	81738	27.975	ug/l	50
73) Bromobenzene	12.857	156	47158	19.208	ug/l	97
74) n-propylbenzene	12.915	91	210582	18.857	ug/l	100
75) 2-Chlorotoluene	13.004	91	135256	18.745	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	168630	19.327	ug/l	100
77) t-1,4-Dichloro-2-butene	12.615	75	18289	18.944	ug/l	90
78) 4-Chlorotoluene	13.104	91	129208	19.105	ug/l	94
79) tert-butylbenzene	13.321	119	146845	19.155	ug/l	99
80) 1,2,4-Trimethylbenzene	13.498	105	186130	22.138	ug/l	100
81) sec-Butylbenzene	13.498	105	186130	18.313	ug/l	99
82) p-Isopropyltoluene	13.609	119	155166	18.447	ug/l	99
83) 1,3-Dichlorobenzene	13.615	146	79573	18.986	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	75757	18.575	ug/l	99
85) n-Butylbenzene	13.939	91	112165	17.994	ug/l	99
86) Hexachloroethane	14.204	117	29825	19.256	ug/l	94
87) 1,2-Dichlorobenzene	13.986	146	80054	19.537	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	13562	18.494	ug/l	95
89) 1,2,4-Trichlorobenzene	15.262	180	33100	17.846	ug/l	98
90) Hexachlorobutadiene	15.362	225	22795	19.886	ug/l	98
91) Naphthalene	15.503	128	100529	20.504	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	36067	19.103	ug/l	99

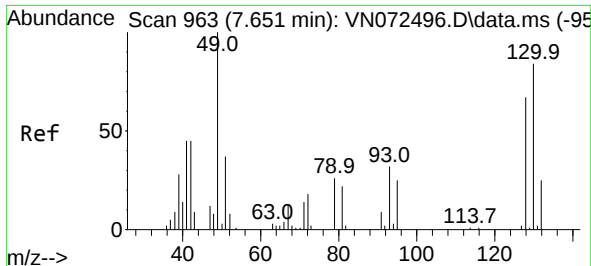
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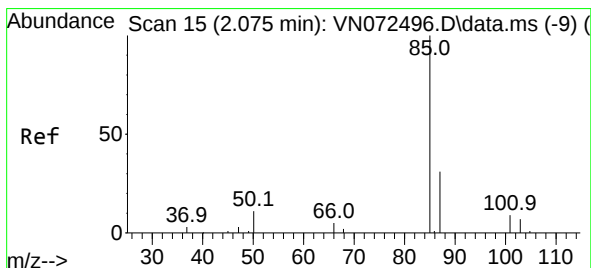
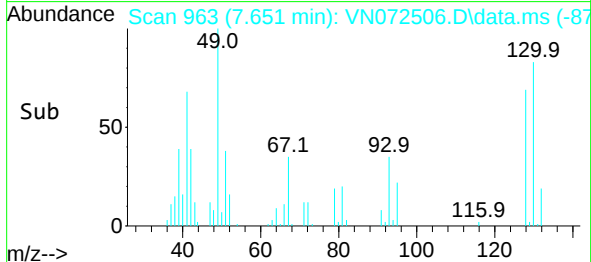
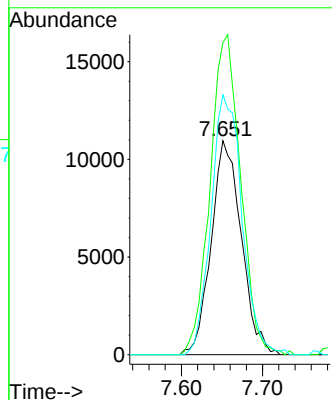
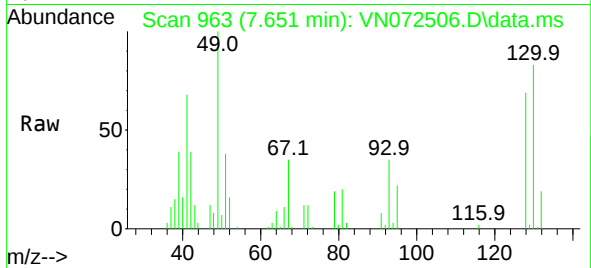




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.651 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VN072506.D
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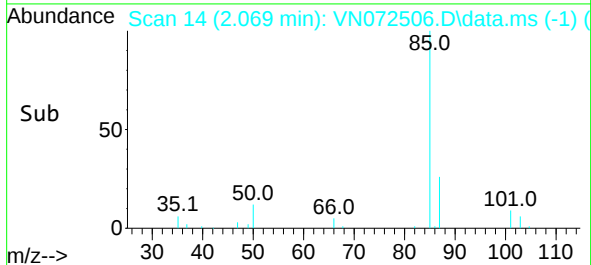
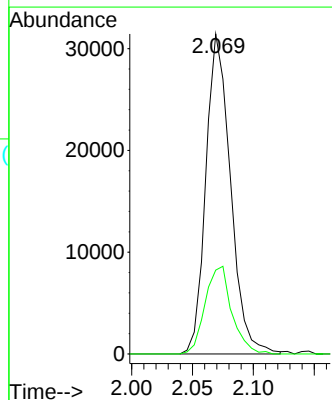
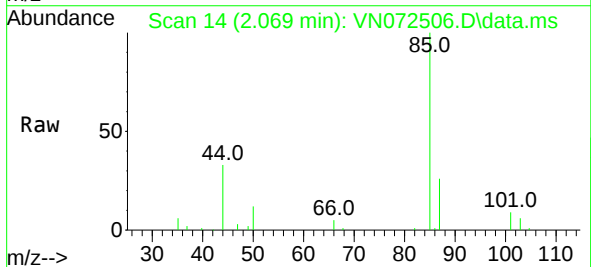
Instrument :
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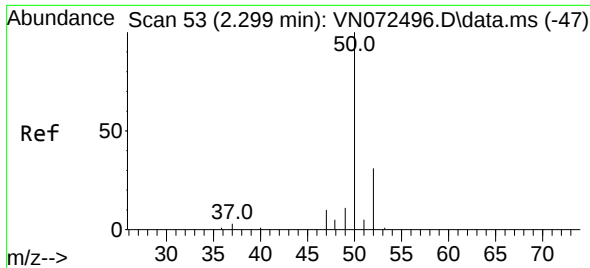
Tgt Ion:	128	Resp:	28229
Ion	Ratio	Lower	Upper
128	100		
49	151.8	0.0	392.3
130	124.9	0.0	320.2



#2
 Dichlorodifluoromethane
 Concen: 18.895 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

Tgt Ion:	85	Resp:	44308
Ion	Ratio	Lower	Upper
85	100		
87	26.2	16.6	49.7

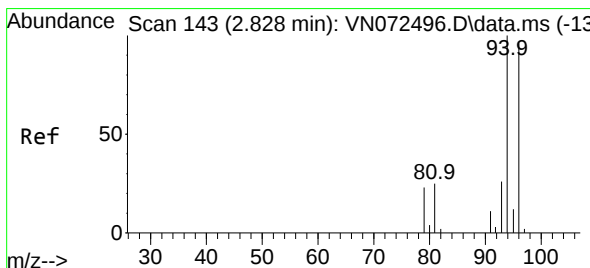
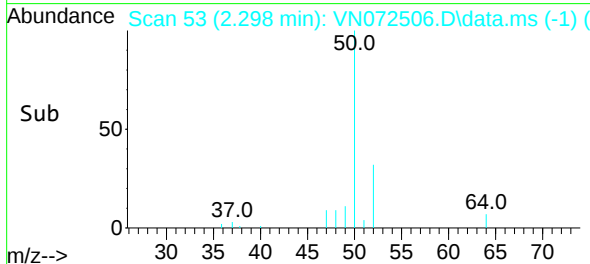
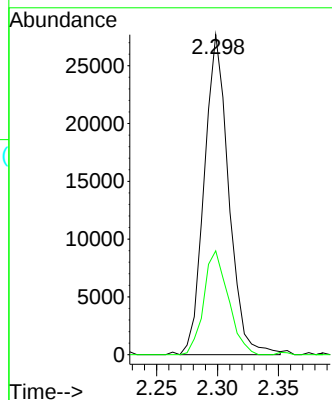
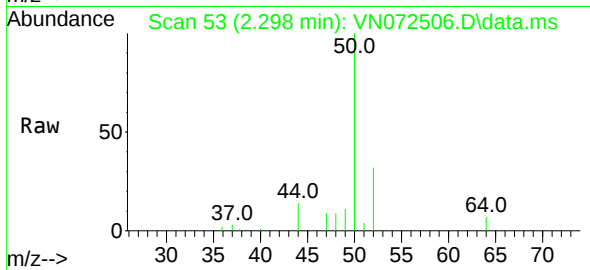




#3
Chloromethane
Concen: 18.266 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

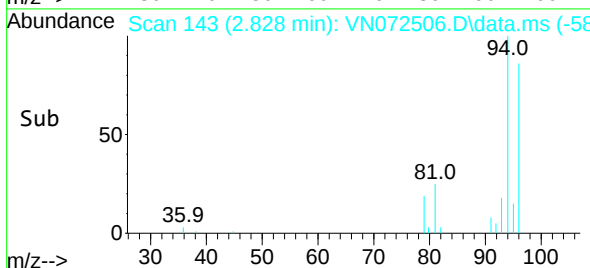
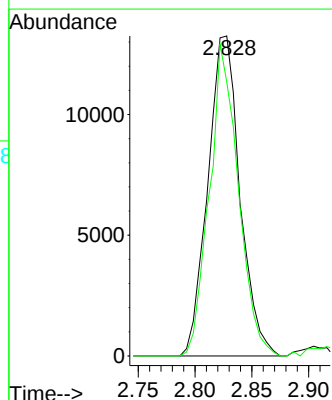
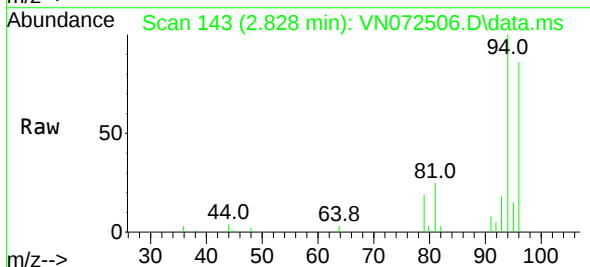
Instrument :
MSVOA_N
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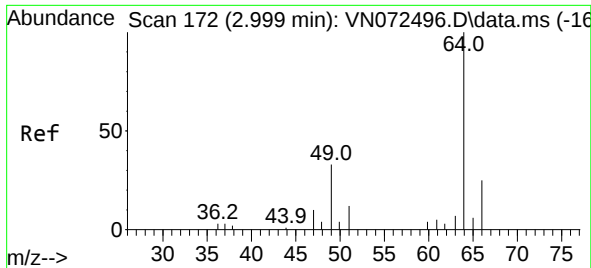
Tgt Ion: 50 Resp: 38686
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6



#5
Bromomethane
Concen: 17.933 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 94 Resp: 26078
Ion Ratio Lower Upper
94 100
96 85.6 75.2 112.8

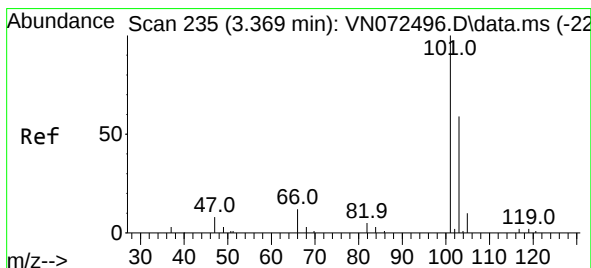
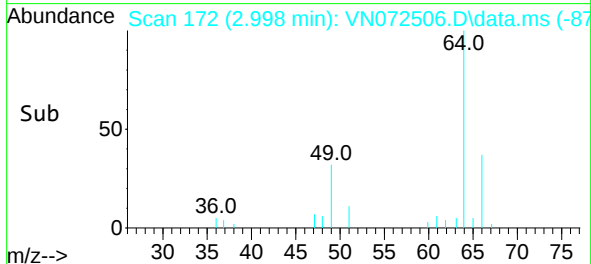
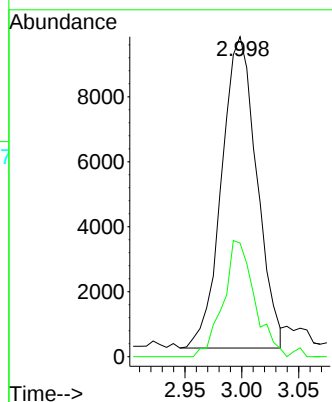
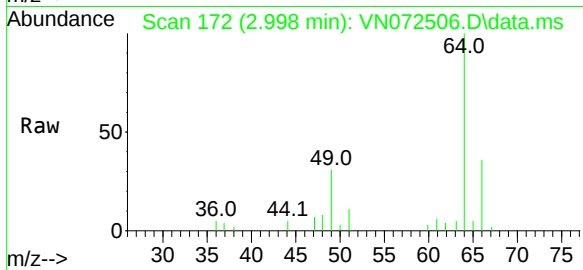




#6
Chloroethane
Concen: 17.661 ug/l
RT: 2.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

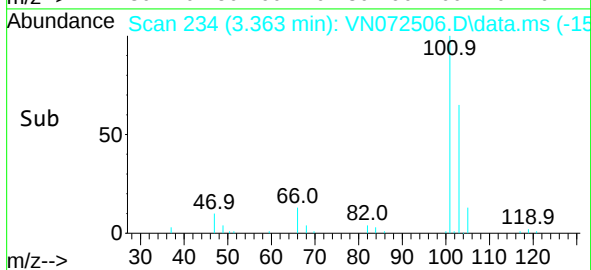
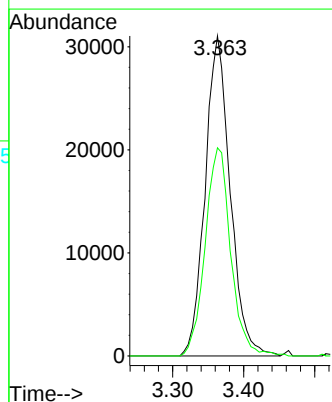
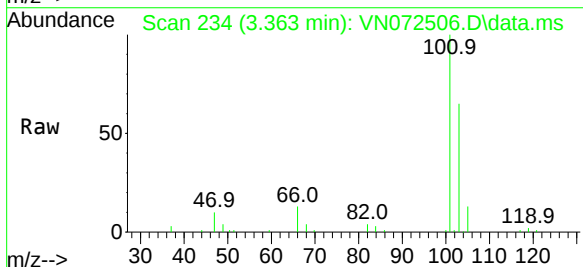
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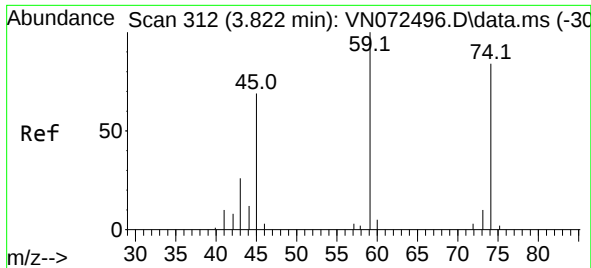
Tgt Ion: 64 Resp: 20620
Ion Ratio Lower Upper
64 100
66 36.5 24.6 36.8



#7
Trichlorofluoromethane
Concen: 18.025 ug/l
RT: 3.363 min Scan# 234
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:101 Resp: 76125
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1





#8
Diethyl Ether

Concen: 17.792 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

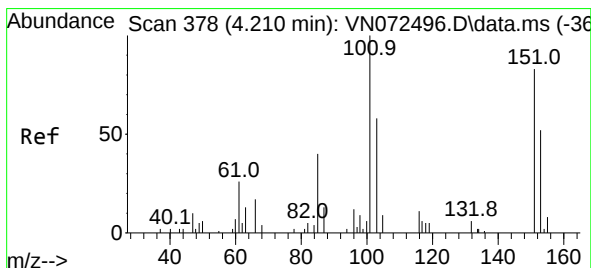
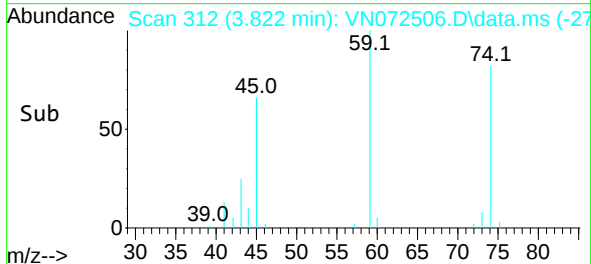
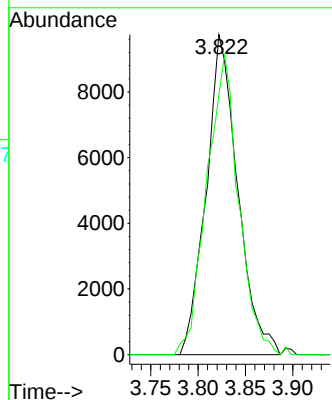
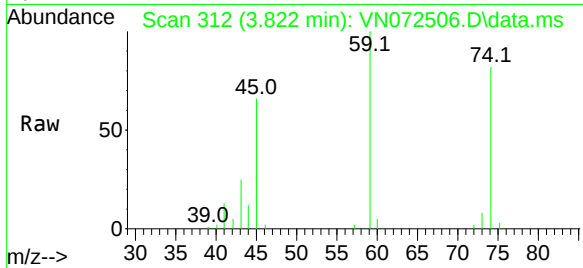
VN0516WBSD01

Tgt Ion: 74 Resp: 22604

Ion Ratio Lower Upper

74 100

45 94.9 17.6 158.8



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.337 ug/l

RT: 4.204 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN072506.D

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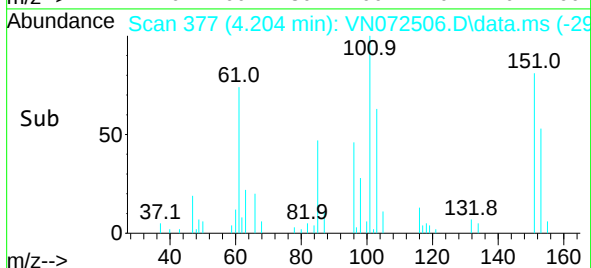
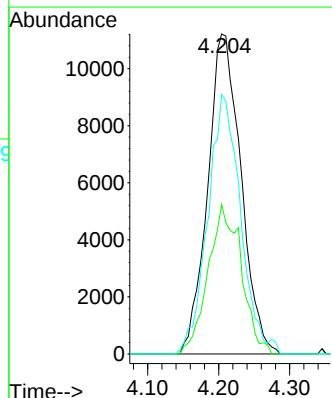
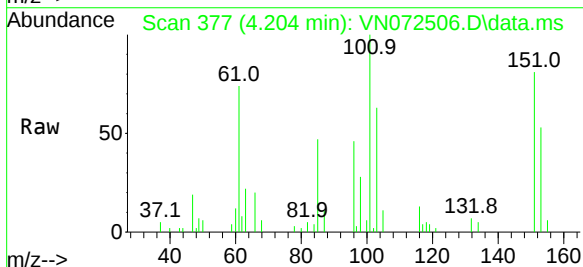
Tgt Ion: 101 Resp: 36488

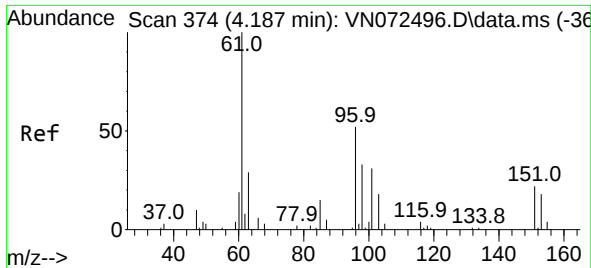
Ion Ratio Lower Upper

101 100

85 34.7 0.0 94.0

151 79.1 0.0 74.6#

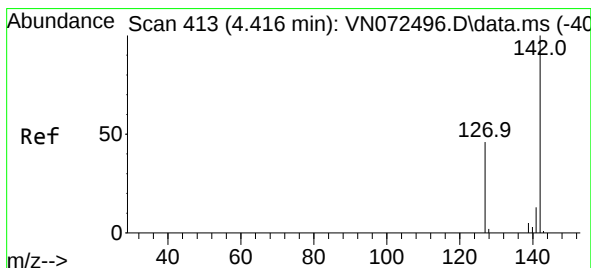
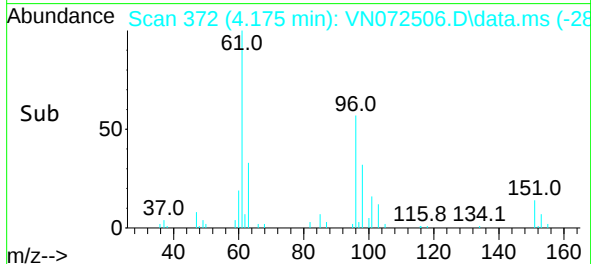
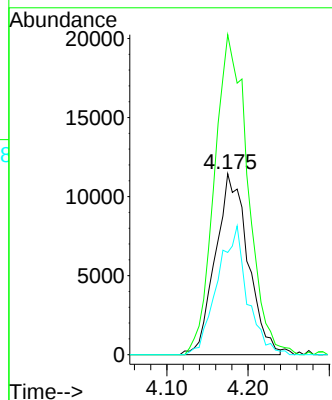
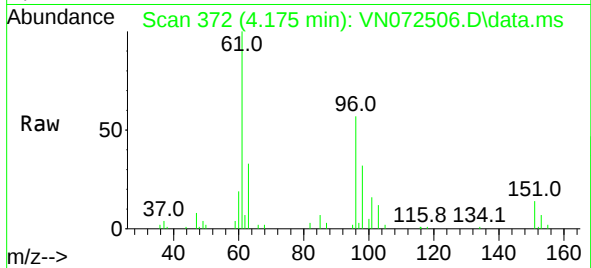




#10
1,1-Dichloroethene
Concen: 17.781 ug/l
RT: 4.175 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072506.D
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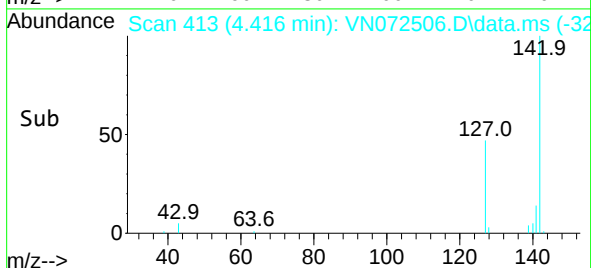
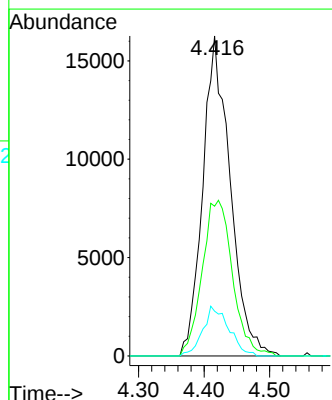
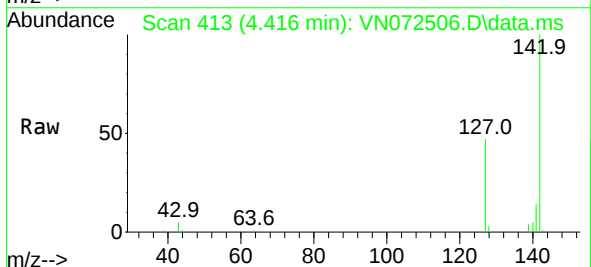
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

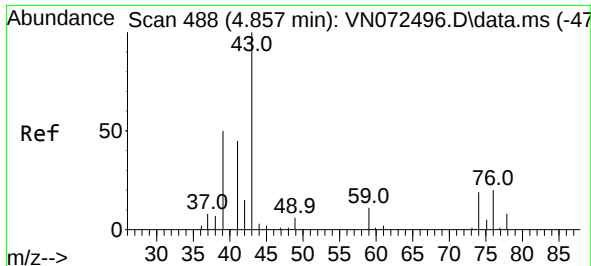
Tgt Ion: 96 Resp: 31905
Ion Ratio Lower Upper
96 100
61 176.8 126.2 189.4
98 56.5 50.9 76.3



#11
Methyl Iodide
Concen: 17.511 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:142 Resp: 47317
Ion Ratio Lower Upper
142 100
127 46.8 24.0 72.0
141 14.0 8.4 25.2

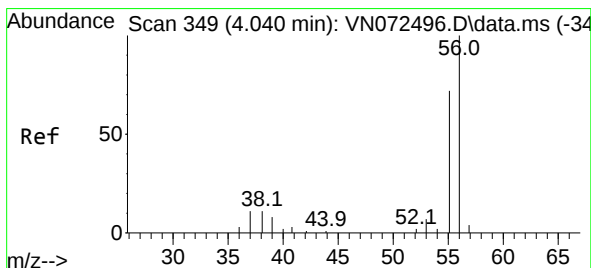
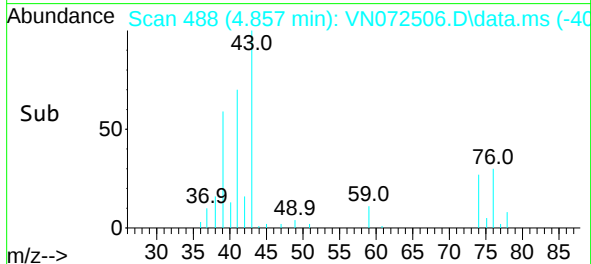
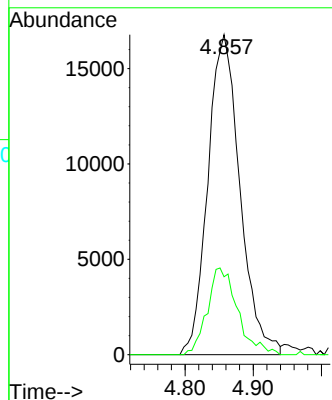
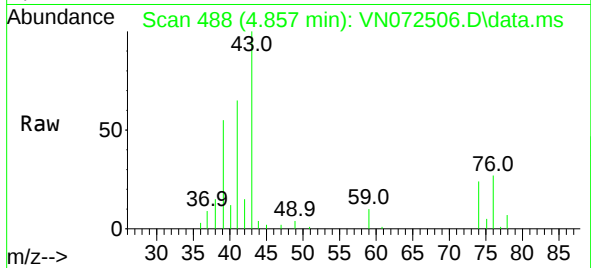




#12
Methyl Acetate
Concen: 18.928 ug/l
RT: 4.857 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

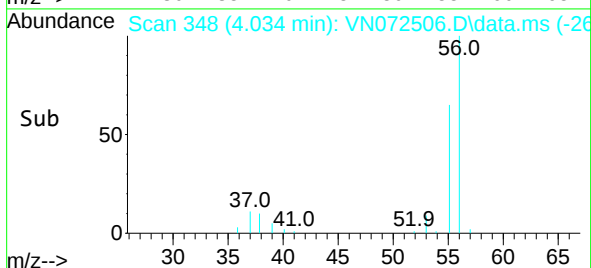
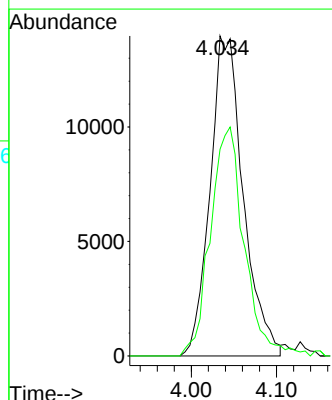
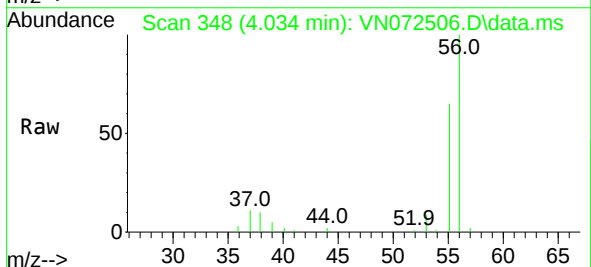
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

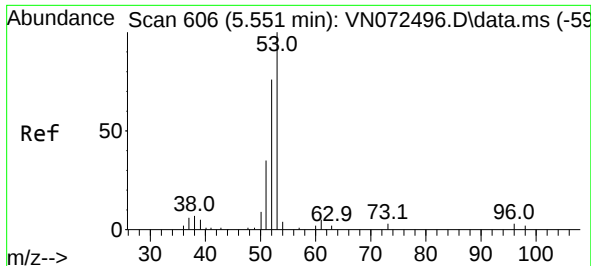
Tgt Ion: 43 Resp: 54943
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2



#13
Acrolein
Concen: 82.942 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 56 Resp: 37829
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

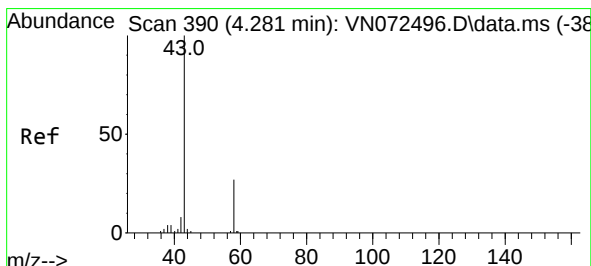
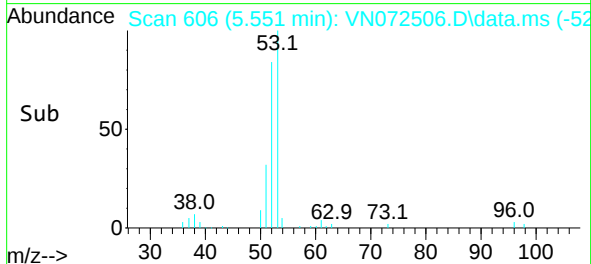
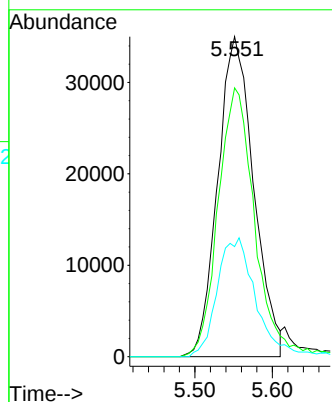
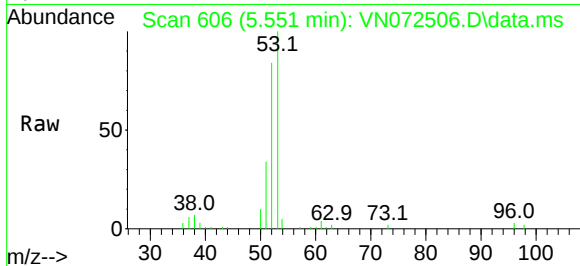




#14
Acrylonitrile
Concen: 92.167 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

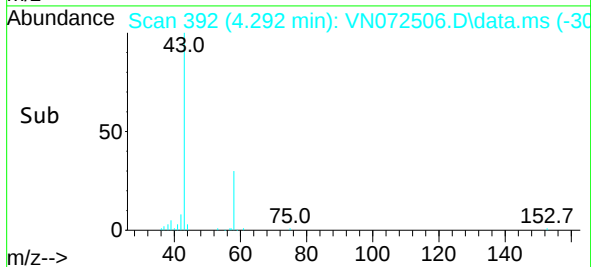
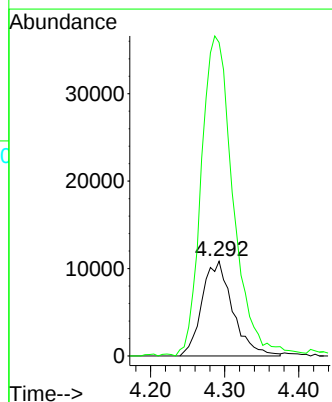
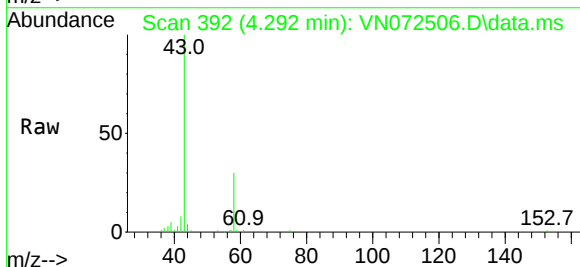
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

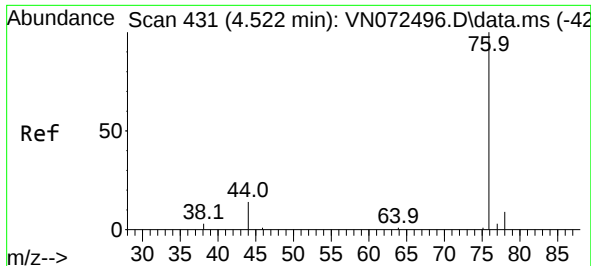
Tgt Ion: 53 Resp: 112873
Ion Ratio Lower Upper
53 100
52 83.7 41.8 125.4
51 19.6 19.0 57.0



#15
Acetone
Concen: 97.057 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 58 Resp: 31168
Ion Ratio Lower Upper
58 100
43 324.2 256.6 384.8

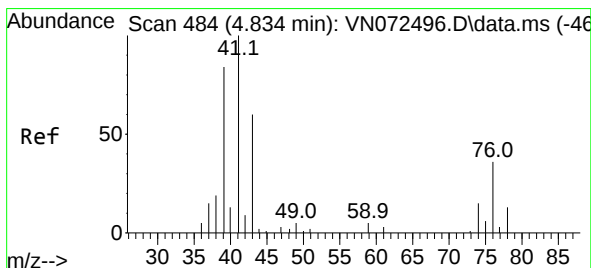
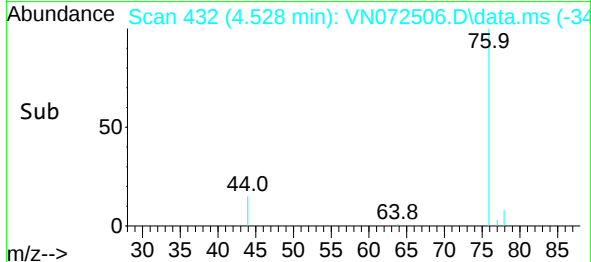
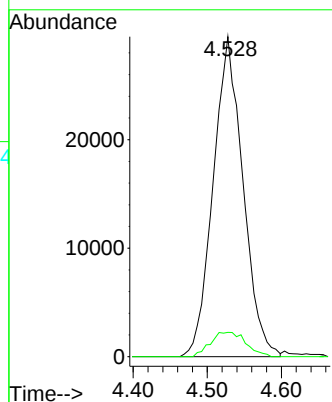
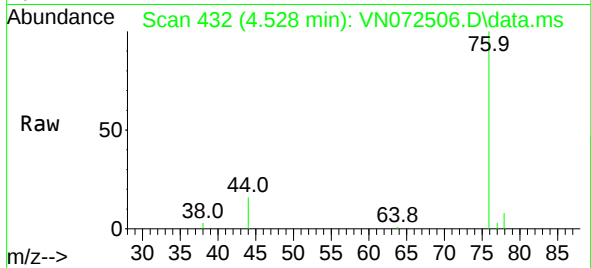




#16
Carbon Disulfide
Concen: 17.704 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

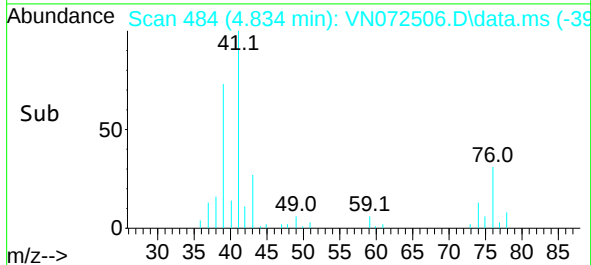
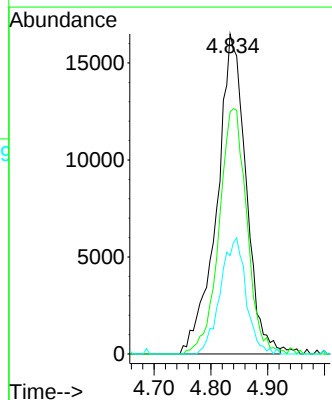
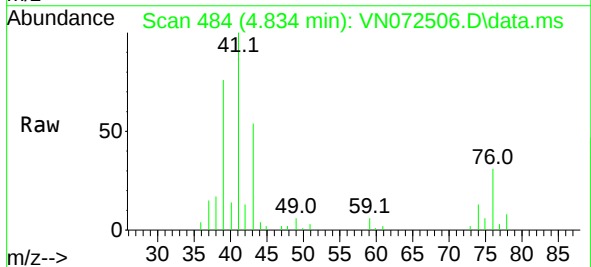
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

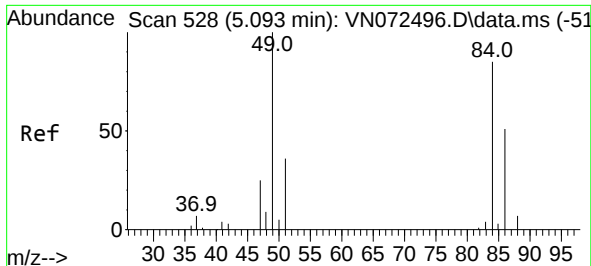
Tgt Ion: 76 Resp: 82398
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.8#



#17
Allyl chloride
Concen: 18.141 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 41 Resp: 58755
Ion Ratio Lower Upper
41 100
39 75.6 44.6 134.0
76 30.7 19.6 58.7

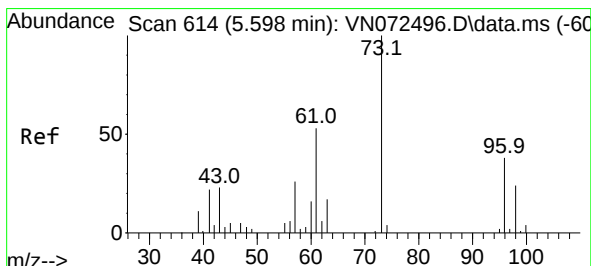
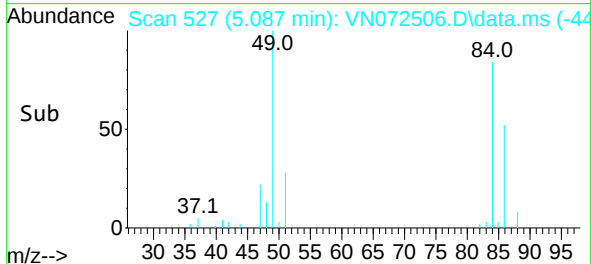
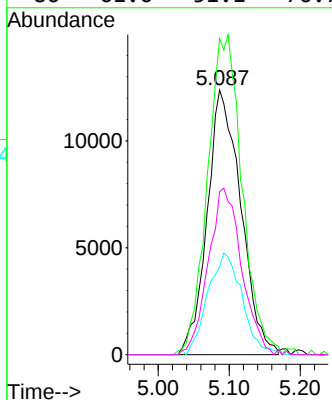
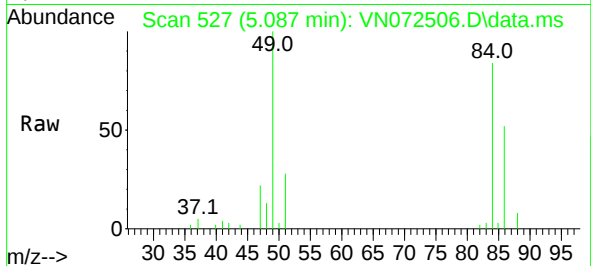




#18
Methylene Chloride
Concen: 19.167 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

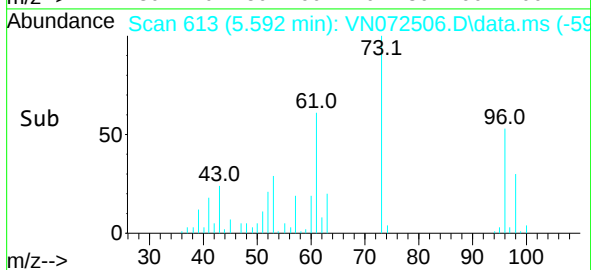
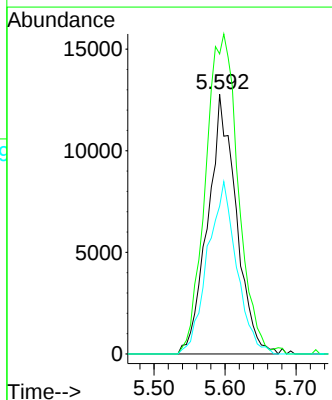
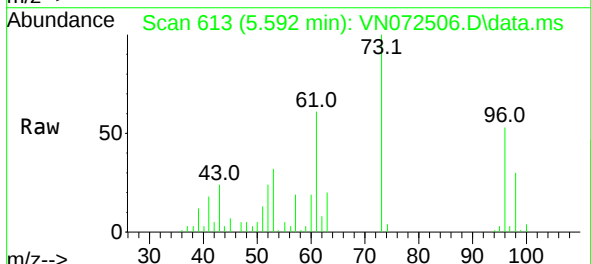
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

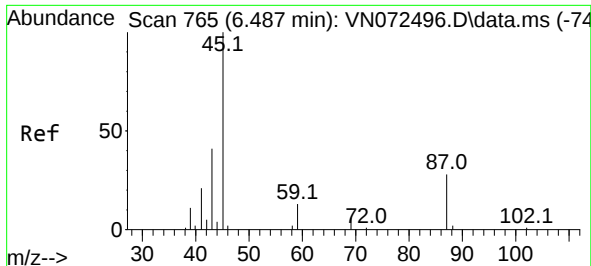
Tgt Ion: 84	Resp: 40707
Ion Ratio	Lower Upper
84 100	
49 117.9	91.4 137.0
51 33.3	29.4 44.0
86 61.6	51.1 76.7



#19
trans-1,2-Dichloroethene
Concen: 17.988 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 96	Resp: 35450		
Ion Ratio	Lower	Upper	
96	100		
61	115.5	102.8	154.2
98	56.9	49.3	73.9



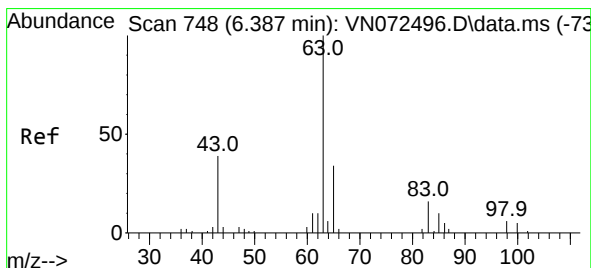
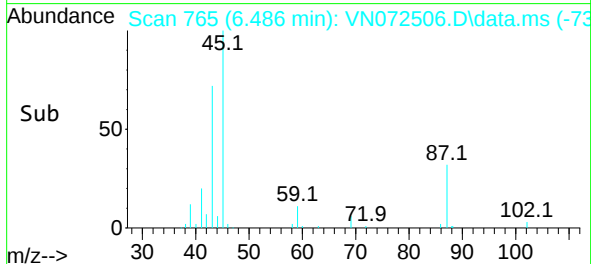
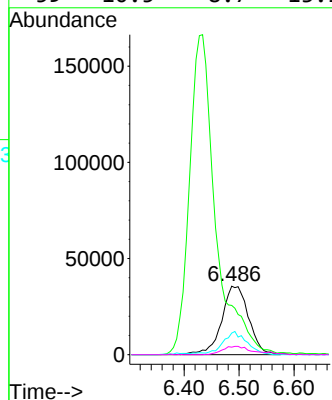
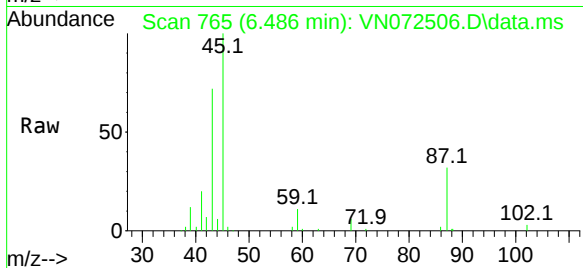


#20
Diisopropyl ether
Concen: 18.038 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 45 Resp: 121455

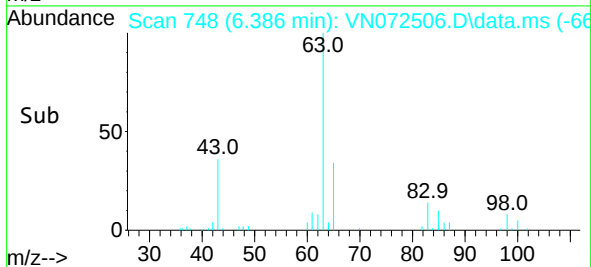
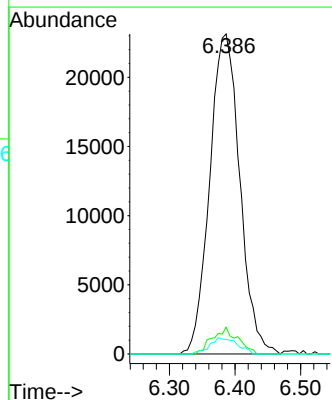
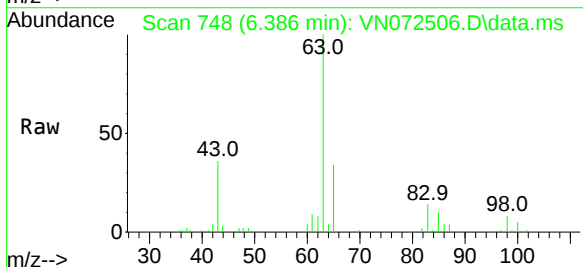
Ion	Ratio	Lower	Upper
45	100		
43	68.8	51.0	76.4
87	31.6	25.0	37.4
59	10.5	8.7	13.1

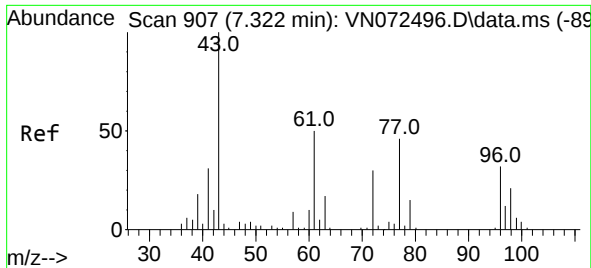


#21
1,1-Dichloroethane
Concen: 18.304 ug/l
RT: 6.386 min Scan# 748
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 63 Resp: 73702

Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.2	9.6
100	4.5	2.1	6.2

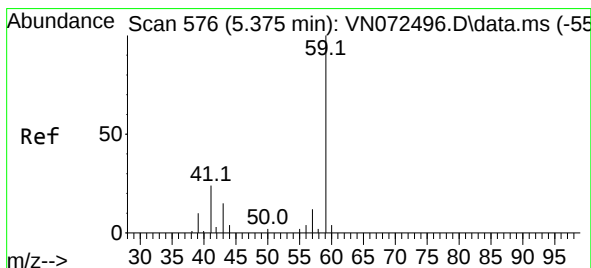
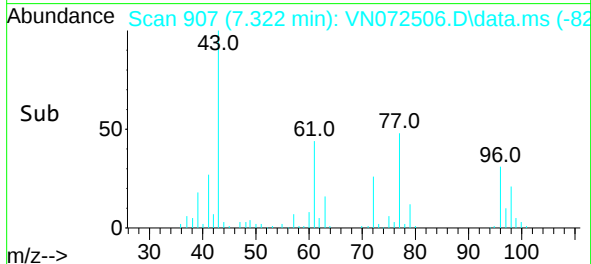
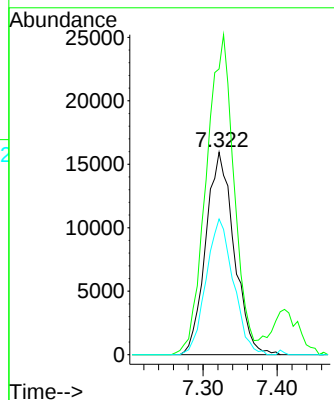
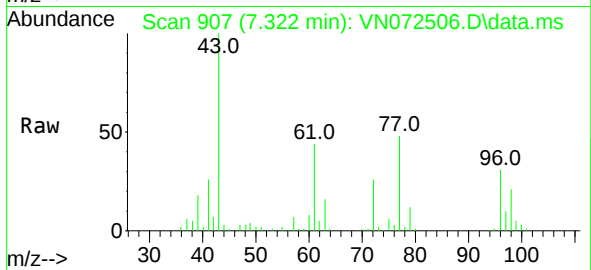




#22
cis-1,2-Dichloroethene
Concen: 18.327 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

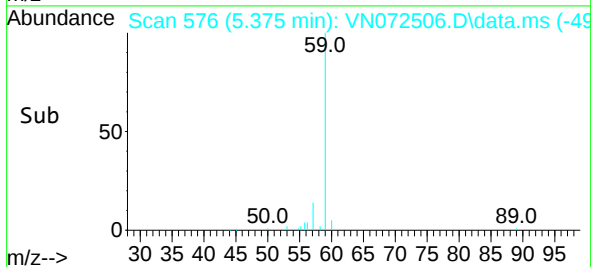
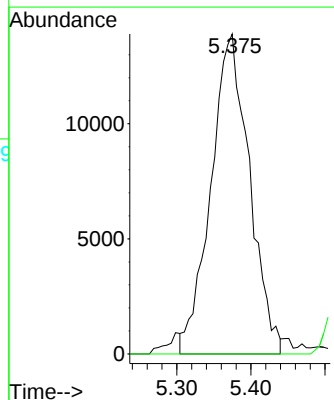
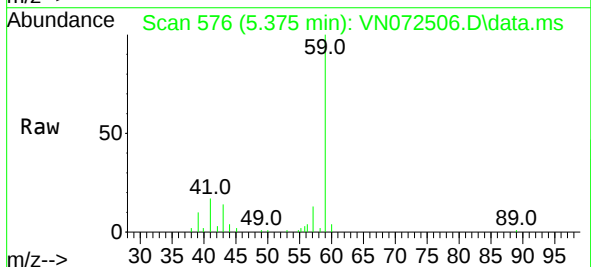
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

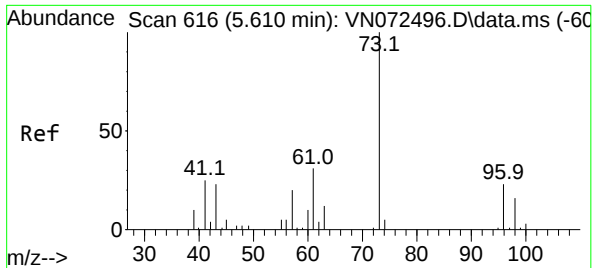
Tgt Ion: 96 Resp: 42405
Ion Ratio Lower Upper
96 100
61 154.1 115.7 173.5
98 64.5 51.6 77.4



#23
tert-Butyl Alcohol
Concen: 93.530 ug/l
RT: 5.375 min Scan# 576
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 59 Resp: 50242
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

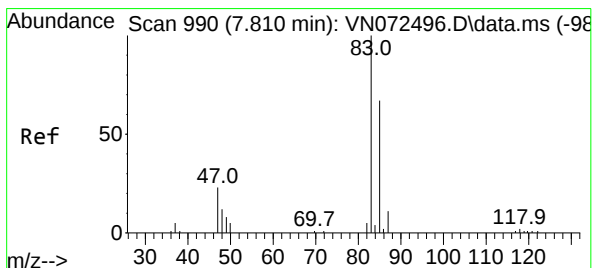
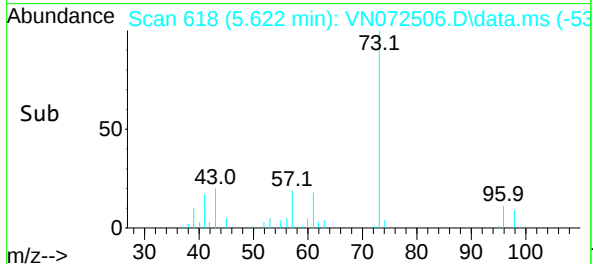
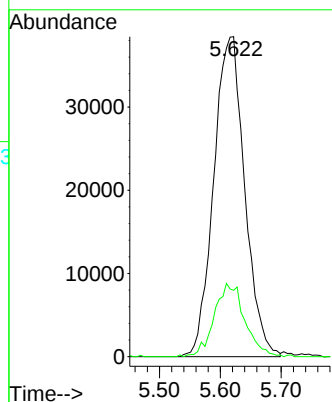
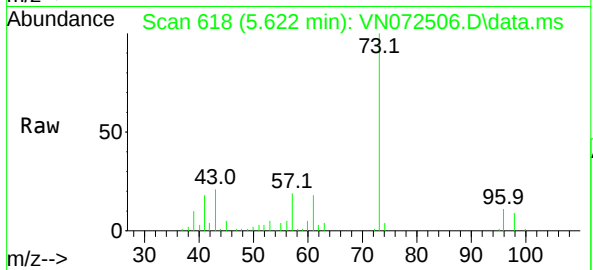




#24
Methyl tert-Butyl Ether
Concen: 18.473 ug/l
RT: 5.622 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

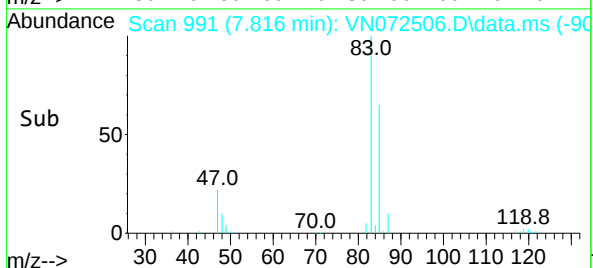
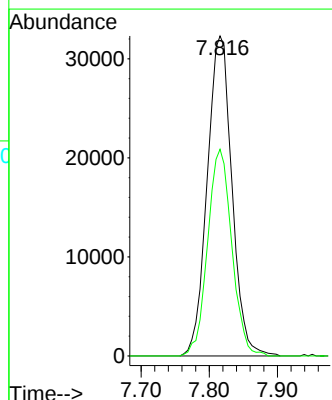
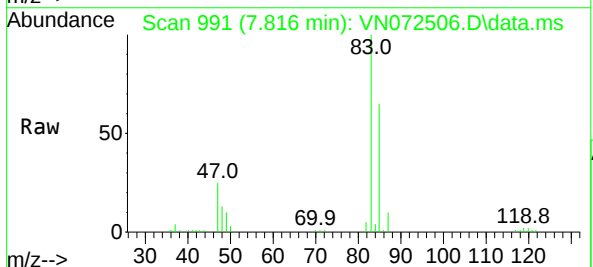
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

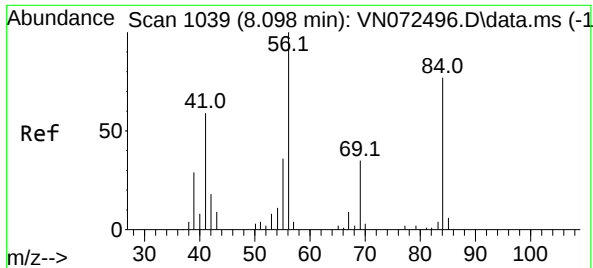
Tgt Ion: 73 Resp: 135981
Ion Ratio Lower Upper
73 100
43 14.5 18.1 27.1#



#25
Chloroform
Concen: 18.796 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 83 Resp: 81622
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

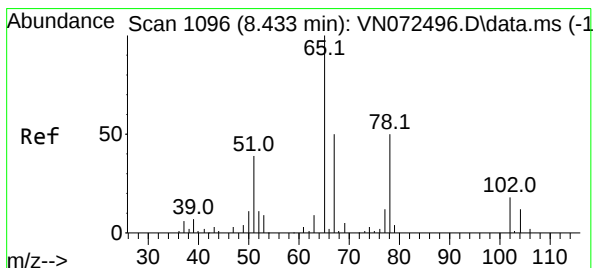
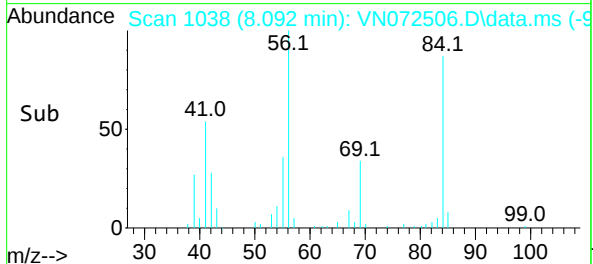
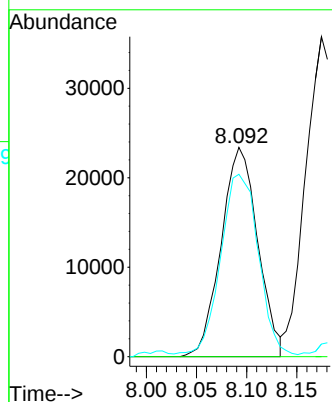
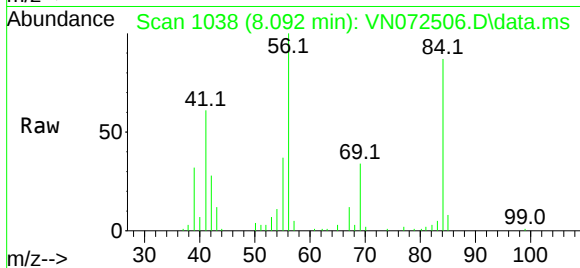




#26
Cyclohexane
Concen: 18.223 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

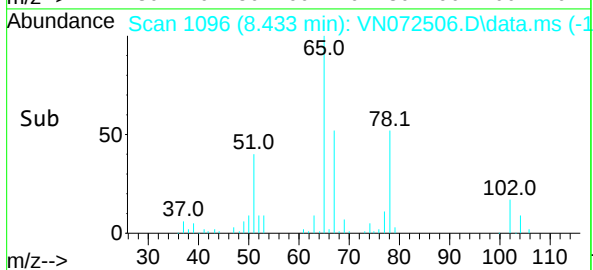
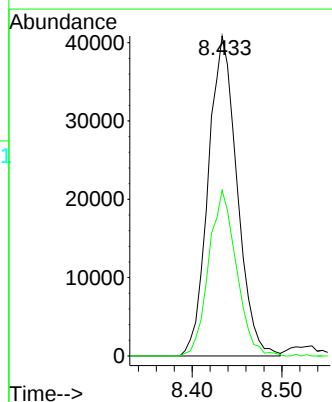
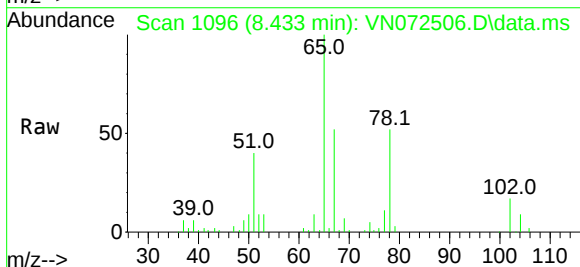
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

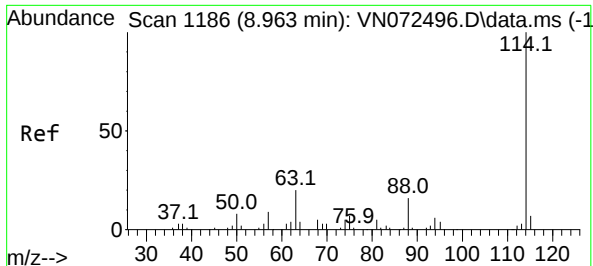
Tgt Ion: 56 Resp: 59545
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.7 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 28.711 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 65 Resp: 91199
Ion Ratio Lower Upper
65 100
67 49.3 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: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

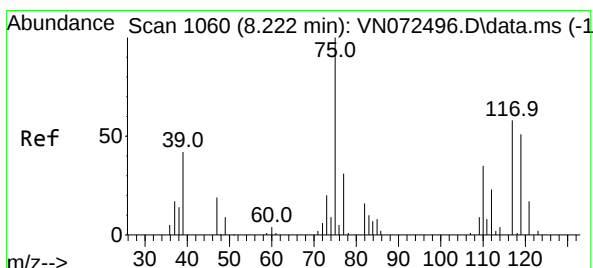
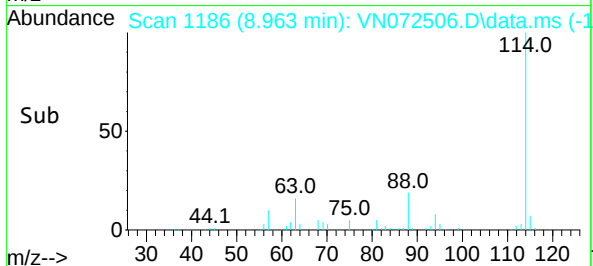
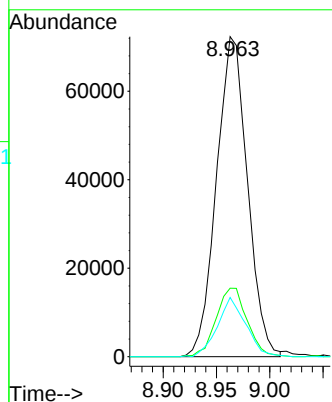
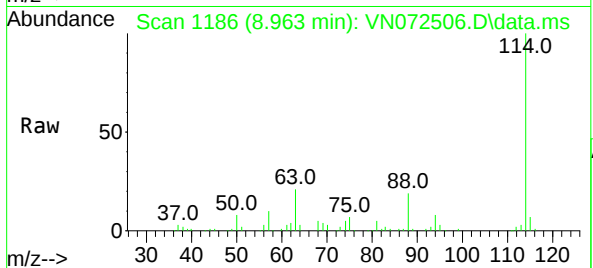
Tgt Ion:114 Resp: 146231

Ion Ratio Lower Upper

114 100

63 21.5 15.8 23.6

88 16.9 11.6 17.4



#29

1,1-Dichloropropene

Concen: 19.019 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

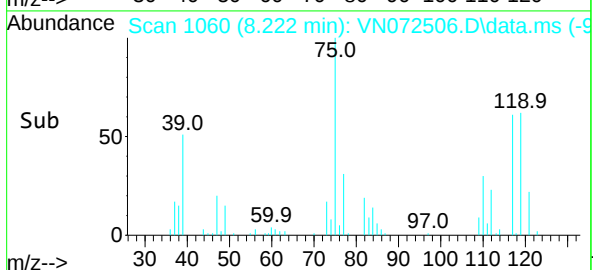
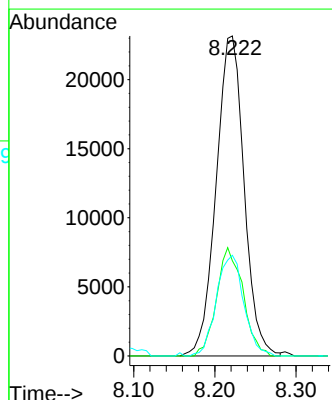
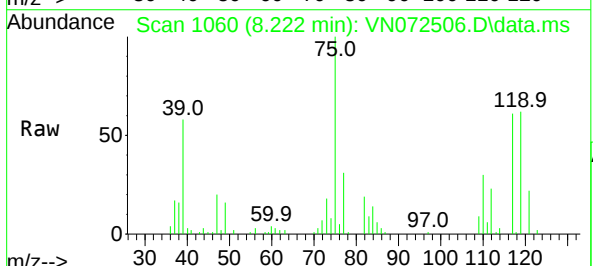
Tgt Ion: 75 Resp: 55388

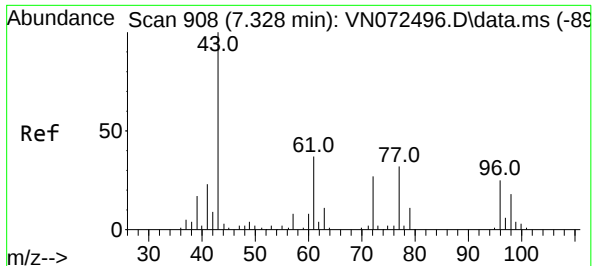
Ion Ratio Lower Upper

75 100

110 32.1 0.0 74.2

77 31.0 0.0 63.2





#30

2-Butanone

Concen: 96.577 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

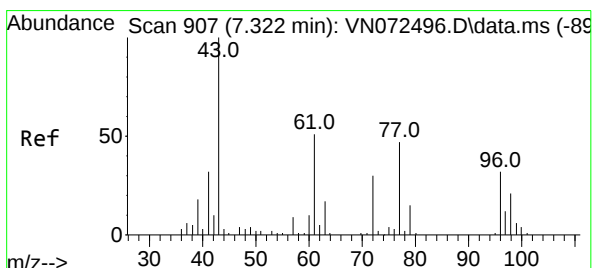
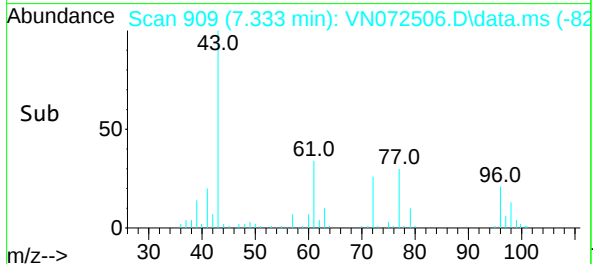
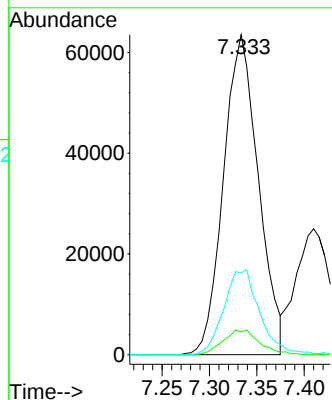
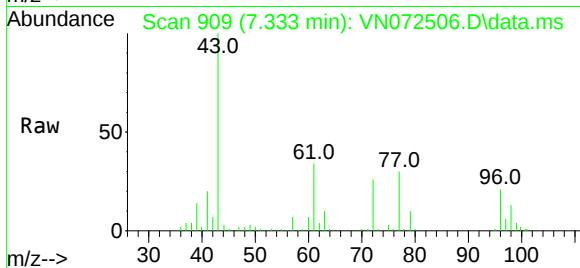
Tgt Ion: 43 Resp: 162788

Ion Ratio Lower Upper

43 100

57 8.1 6.7 10.1

72 27.4 23.2 34.8



#31

2,2-Dichloropropane

Concen: 19.115 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072506.D

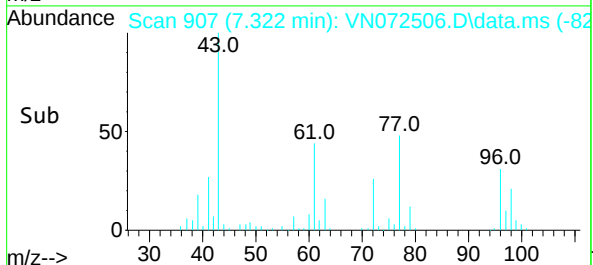
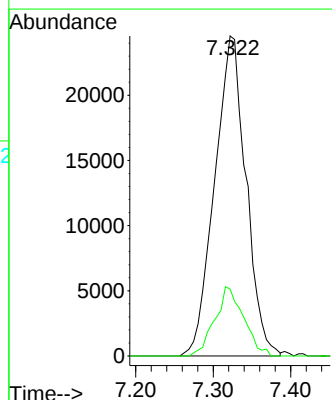
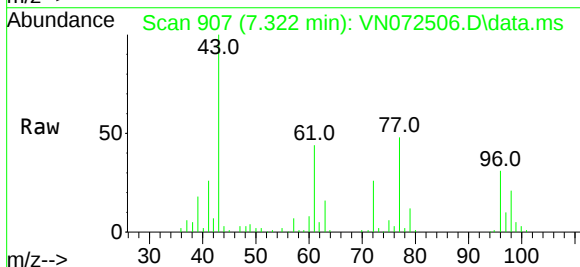
Acq: 16 May 2022 17:20

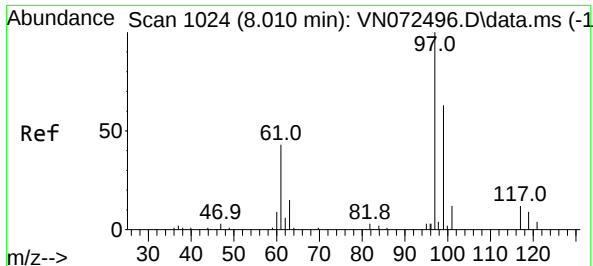
Tgt Ion: 77 Resp: 69064

Ion Ratio Lower Upper

77 100

97 19.6 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 18.517 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

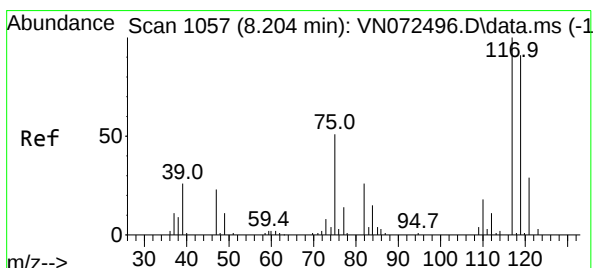
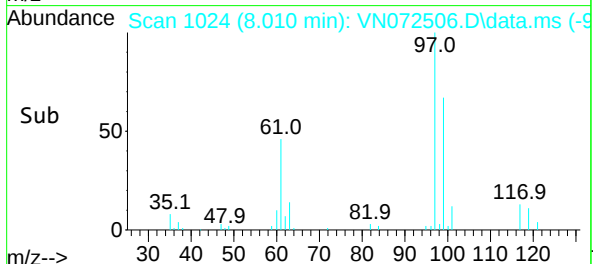
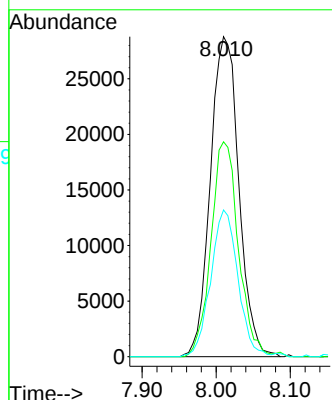
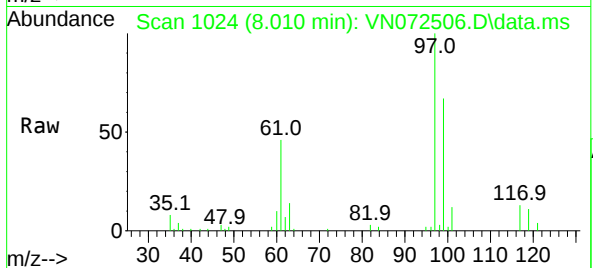
Tgt Ion: 97 Resp: 76920

Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

61 43.8 34.6 51.8



#33

Carbon Tetrachloride

Concen: 17.961 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

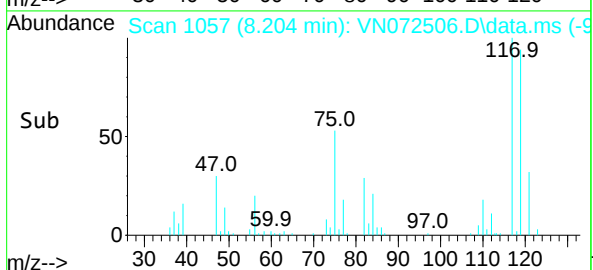
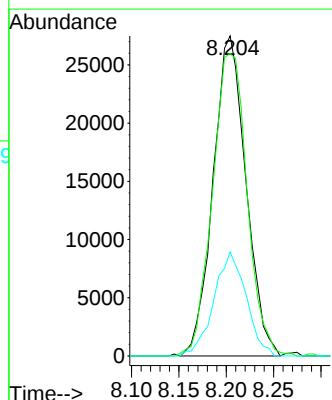
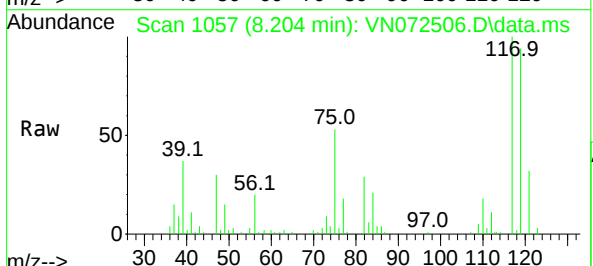
Tgt Ion: 117 Resp: 66305

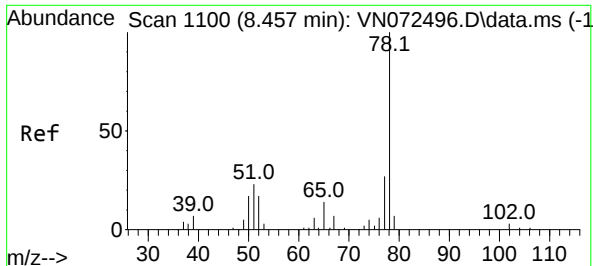
Ion Ratio Lower Upper

117 100

119 93.7 77.5 116.3

121 32.5 23.5 35.3

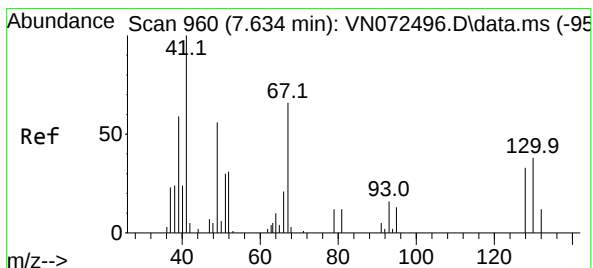
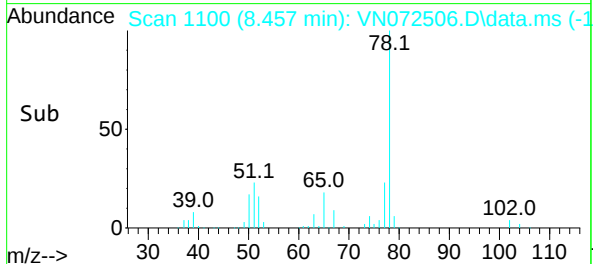
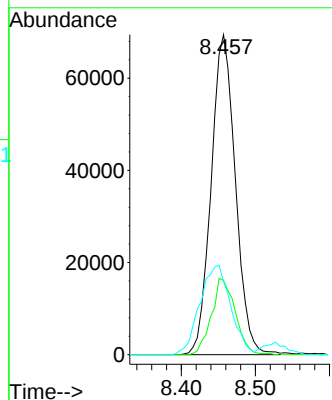
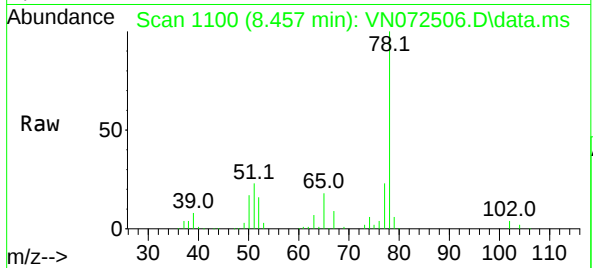




#34
Benzene
Concen: 19.068 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

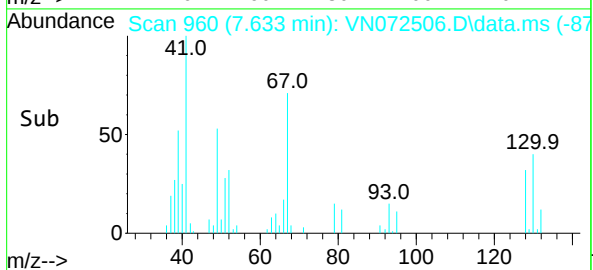
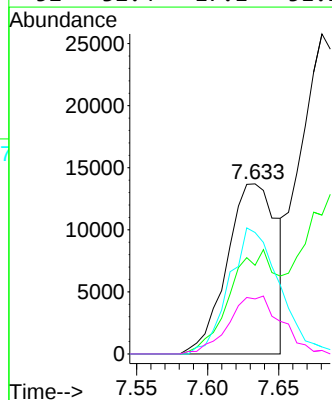
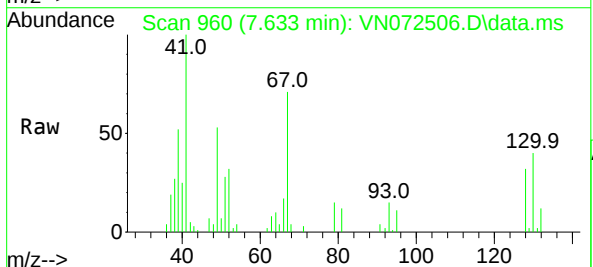
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

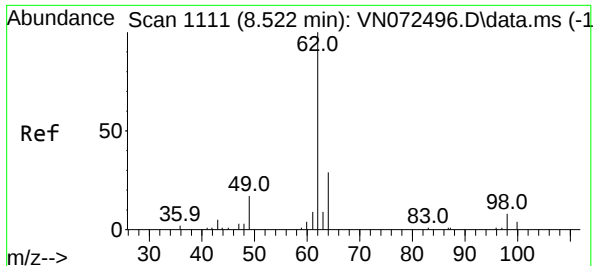
Tgt Ion: 78 Resp: 157792
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 21.6 16.0 24.0



#35
Methacrylonitrile
Concen: 18.758 ug/l
RT: 7.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 41 Resp: 33430
Ion Ratio Lower Upper
41 100
39 52.1 28.0 83.9
67 71.5 37.7 113.1
52 32.4 17.1 51.2





#36

1,2-Dichloroethane

Concen: 18.533 ug/l

RT: 8.527 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

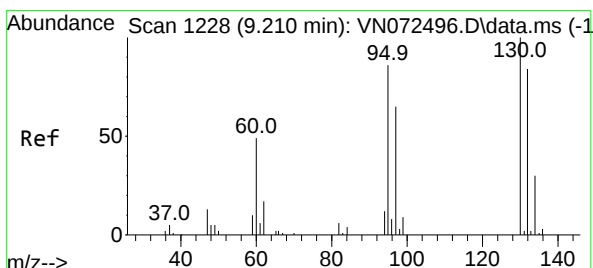
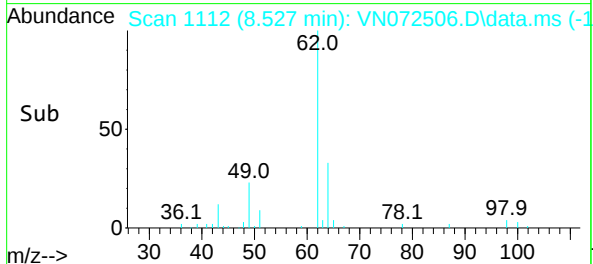
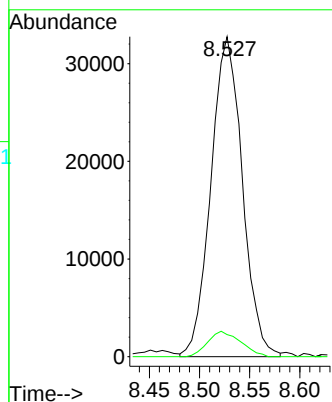
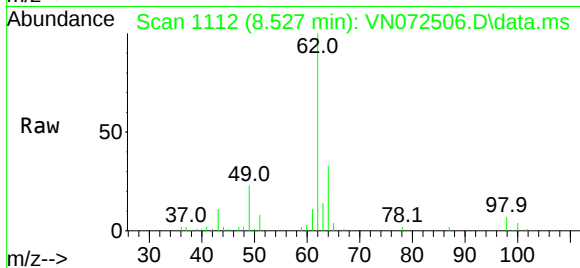
VN0516WBSD01

Tgt Ion: 62 Resp: 71423

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0



#37

Trichloroethene

Concen: 18.818 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN072506.D

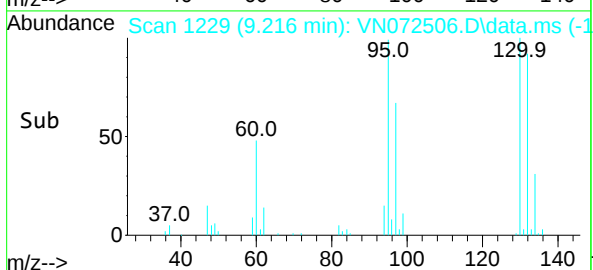
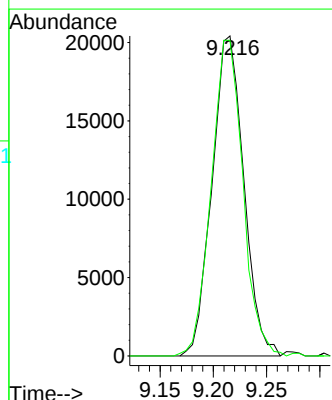
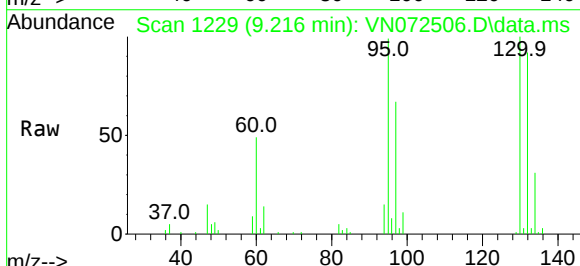
Acq: 16 May 2022 17:20

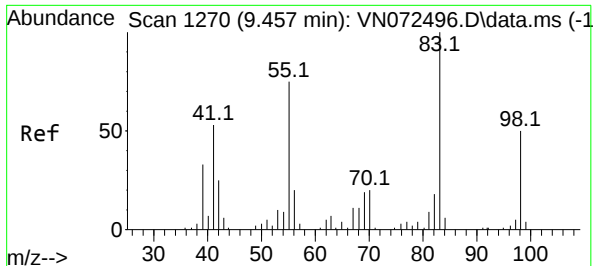
Tgt Ion: 130 Resp: 42247

Ion Ratio Lower Upper

130 100

95 97.8 76.6 115.0





#38

Methylcyclohexane

Concen: 18.278 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

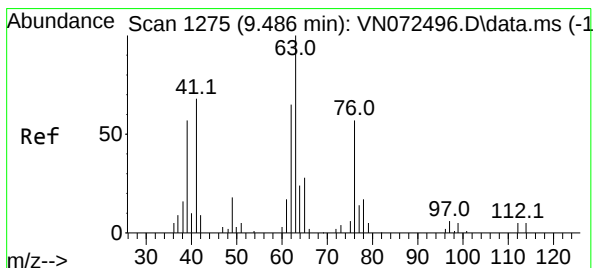
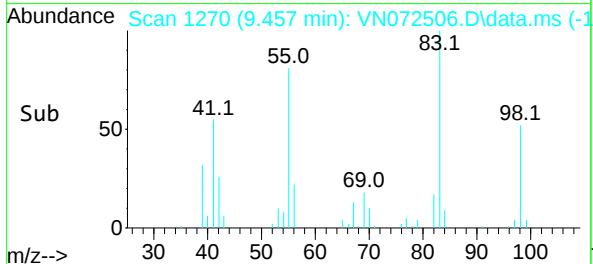
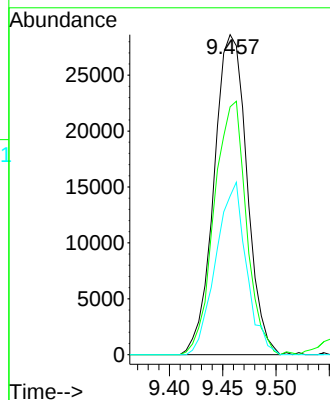
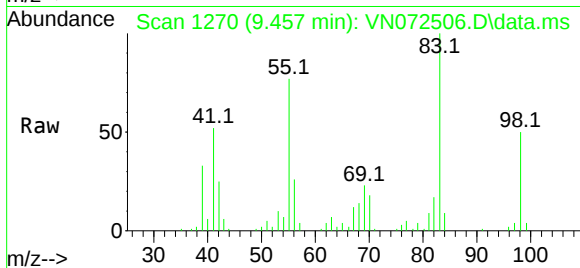
Tgt Ion: 83 Resp: 61544

Ion Ratio Lower Upper

83 100

55 77.1 35.1 105.3

98 49.8 23.4 70.2



#39

1,2-Dichloropropane

Concen: 18.982 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072506.D

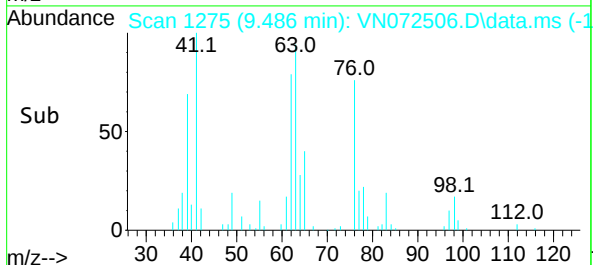
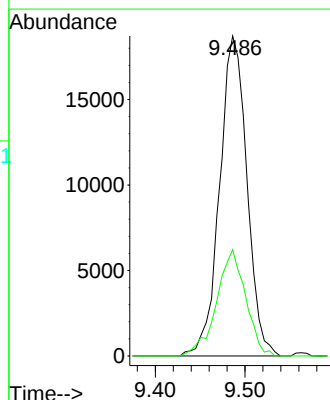
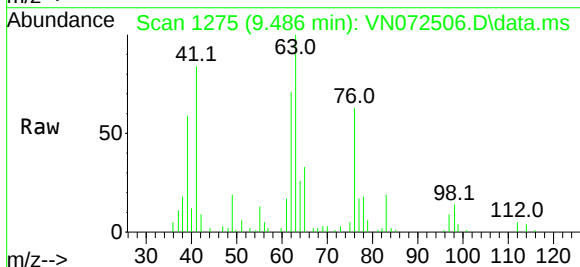
Acq: 16 May 2022 17:20

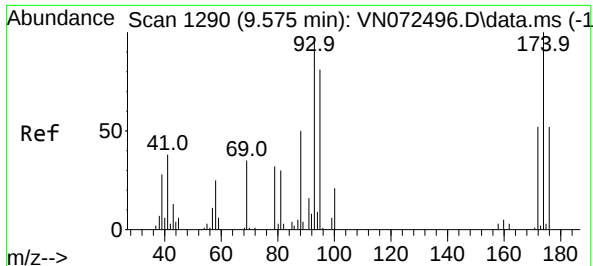
Tgt Ion: 63 Resp: 39569

Ion Ratio Lower Upper

63 100

65 33.2 24.2 36.4

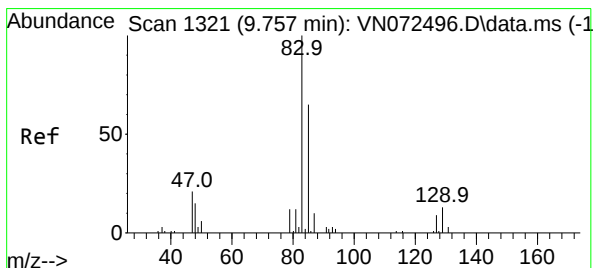
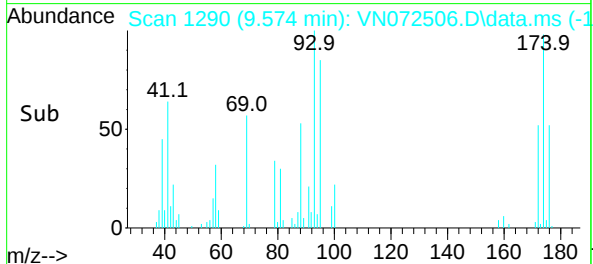
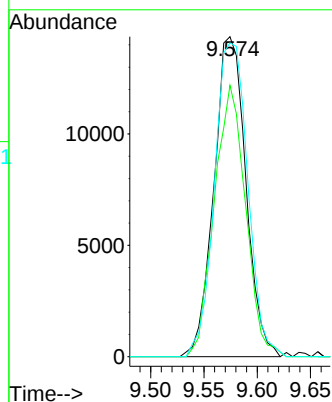
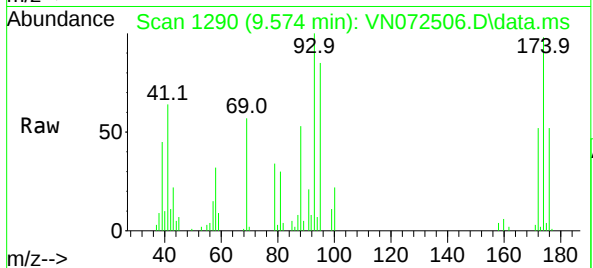




#40
Dibromomethane
Concen: 18.593 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

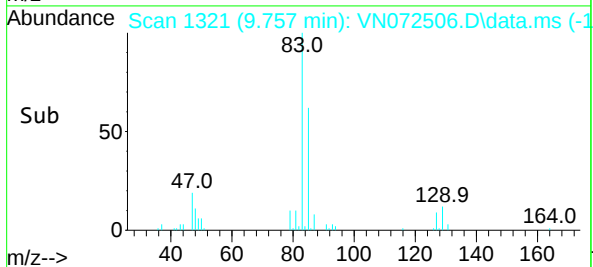
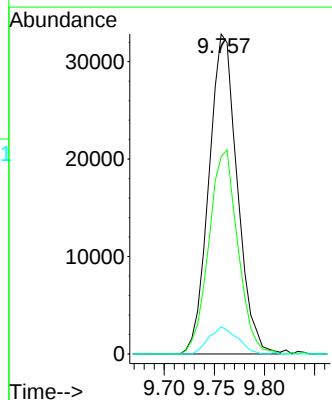
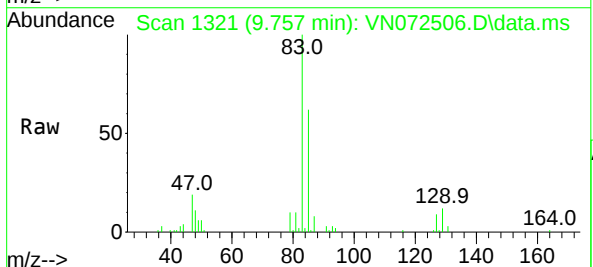
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

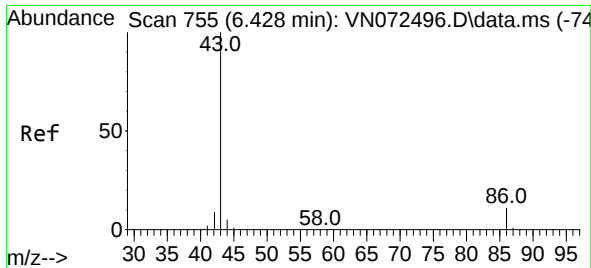
Tgt Ion: 93 Resp: 29918
Ion Ratio Lower Upper
93 100
95 83.2 0.0 168.8
174 102.1 0.0 173.6



#41
Bromodichloromethane
Concen: 18.968 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 83 Resp: 64664
Ion Ratio Lower Upper
83 100
85 61.7 54.1 81.1
127 8.5 7.6 11.4

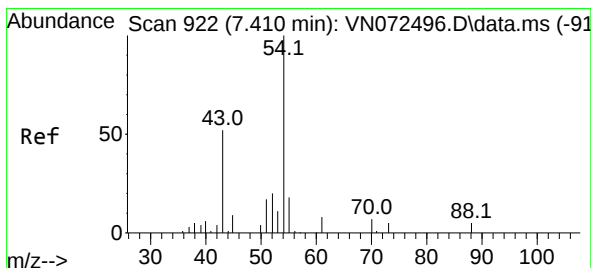
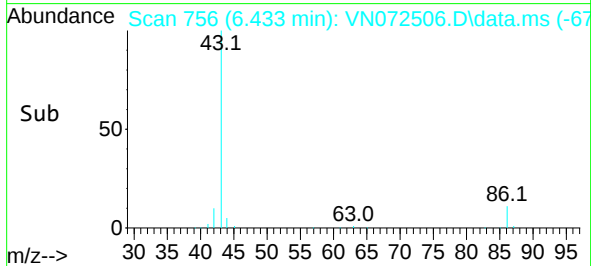
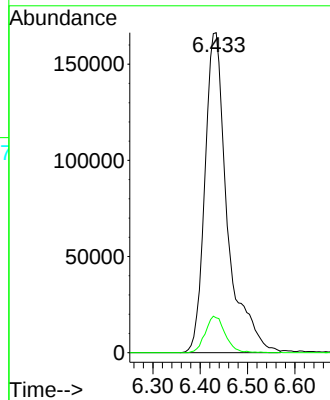
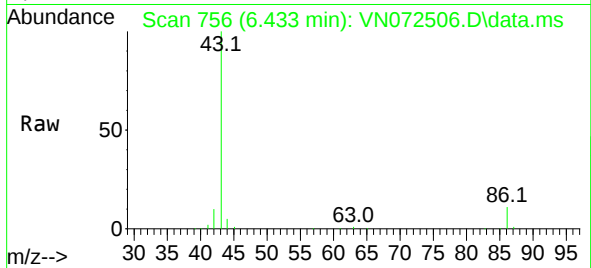




#42
 Vinyl Acetate
 Concen: 96.834 ug/l
 RT: 6.433 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

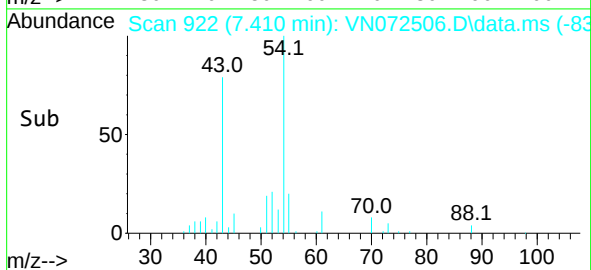
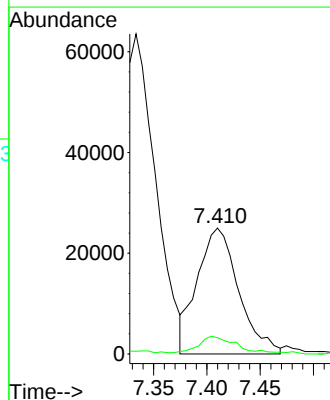
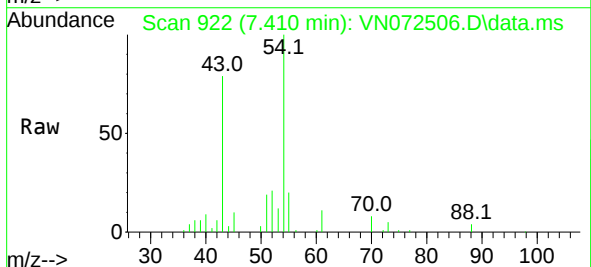
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

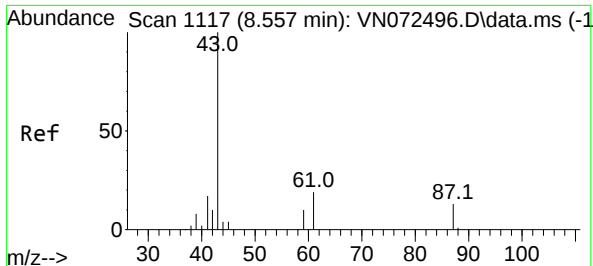
Tgt Ion: 43 Resp: 549369
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3



#43
 Ethyl Acetate
 Concen: 20.555 ug/l
 RT: 7.410 min Scan# 922
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

Tgt Ion: 43 Resp: 67662
 Ion Ratio Lower Upper
 43 100
 45 12.3 10.6 16.0

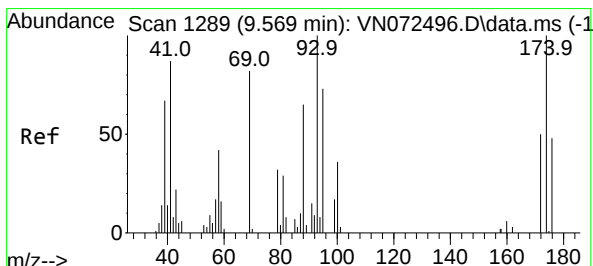
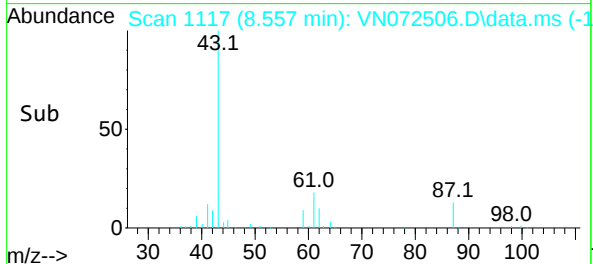
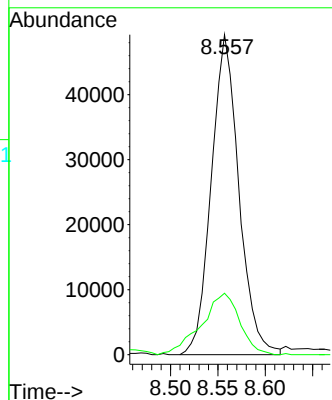
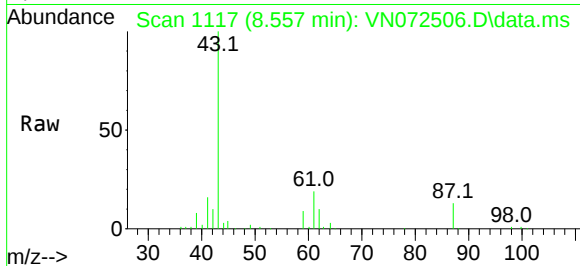




#44
Isopropyl Acetate
Concen: 18.938 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

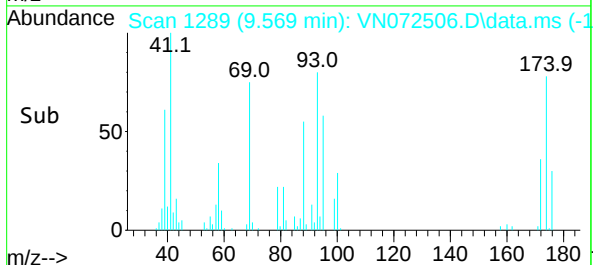
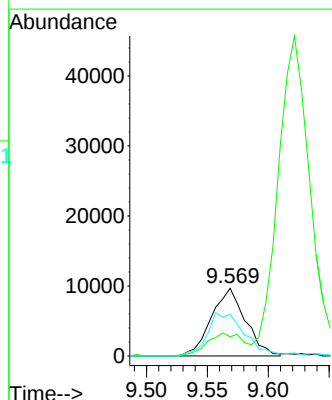
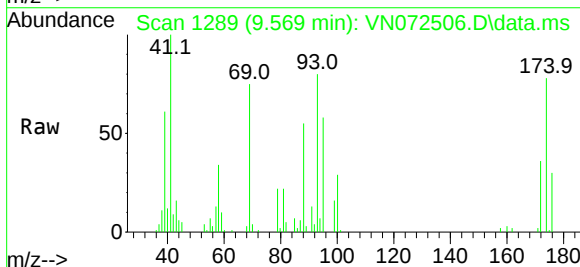
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

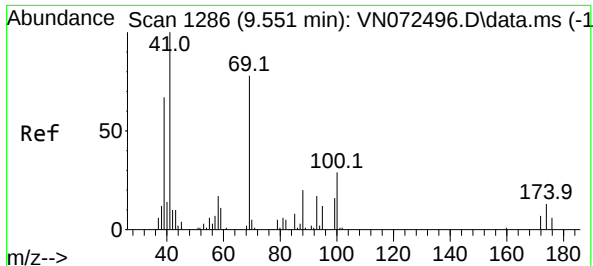
Tgt Ion: 43 Resp: 99789
Ion Ratio Lower Upper
43 100
61 26.6 20.1 30.1



#45
1,4-Dioxane
Concen: 376.114 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 88 Resp: 18876
Ion Ratio Lower Upper
88 100
43 36.7 25.0 37.6
58 68.9 49.4 74.2

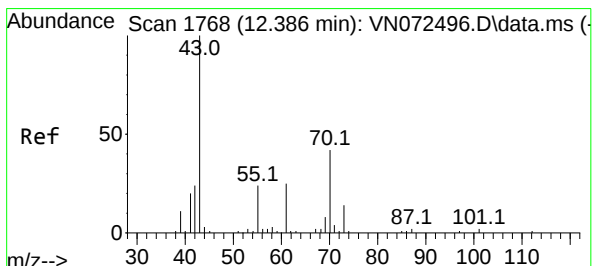
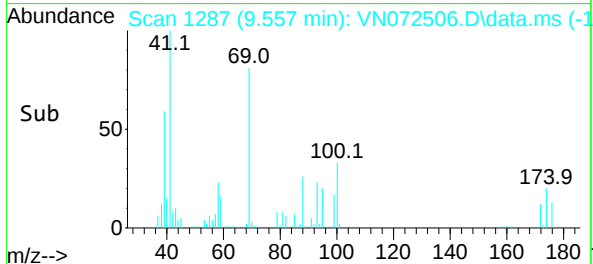
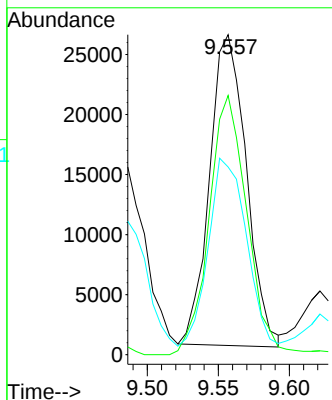
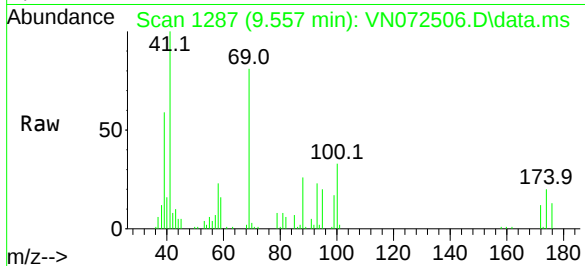




#46
Methyl methacrylate
Concen: 18.705 ug/l
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

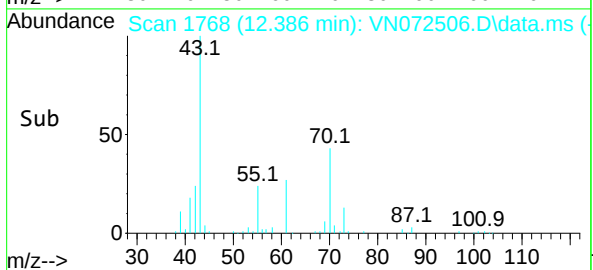
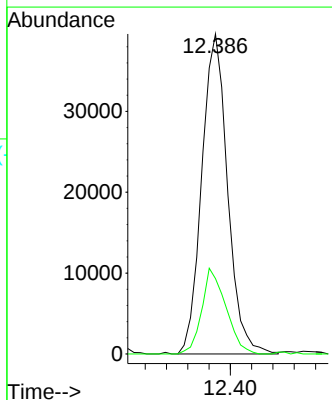
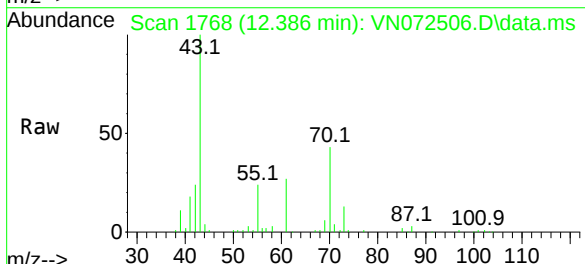
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

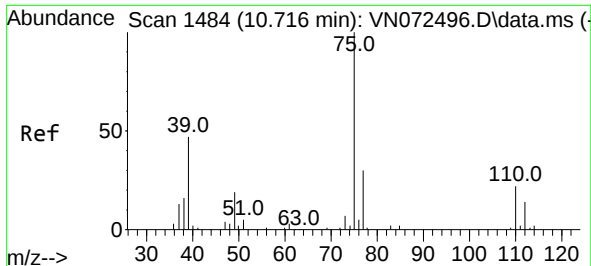
Tgt Ion: 41 Resp: 46638
Ion Ratio Lower Upper
41 100
69 82.6 44.4 133.2
39 58.0 39.9 119.6



#47
n-amy1 Acetate
Concen: 18.920 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 43 Resp: 66739
Ion Ratio Lower Upper
43 100
55 25.0 19.0 28.6

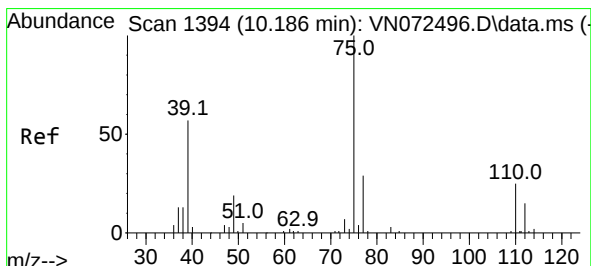
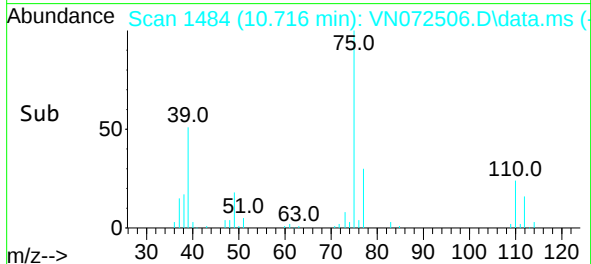
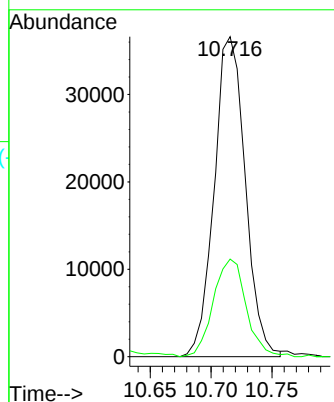
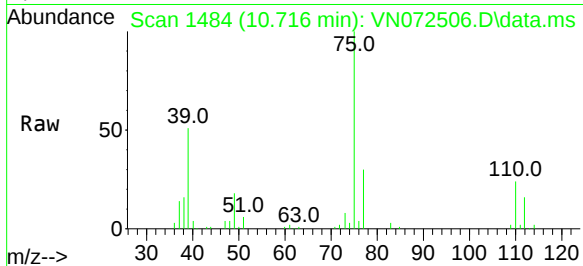




#48
 t-1,3-Dichloropropene
 Concen: 18.062 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

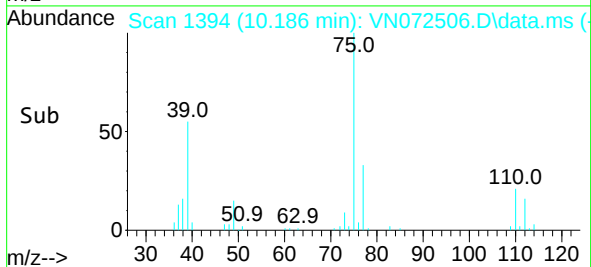
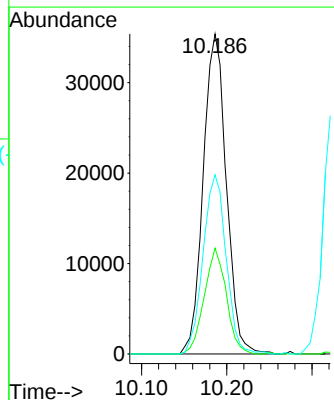
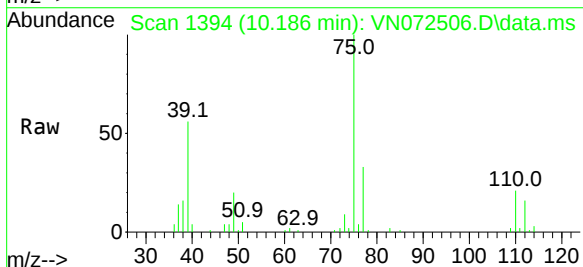
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

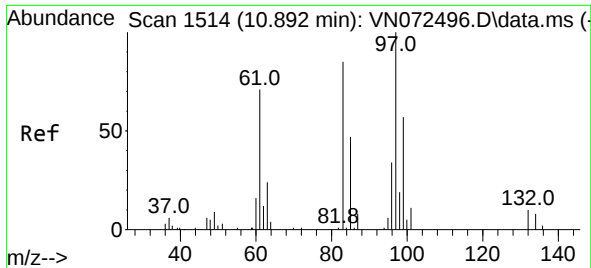
Tgt Ion: 75 Resp: 65003
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 18.381 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

Tgt Ion: 75 Resp: 66676
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 56.0 46.2 69.4

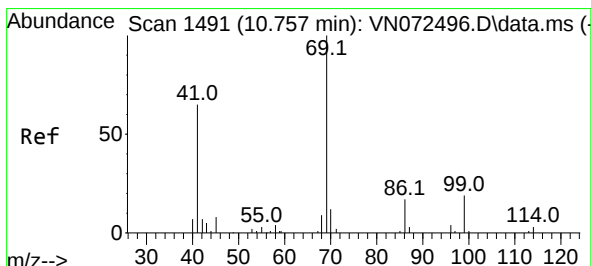
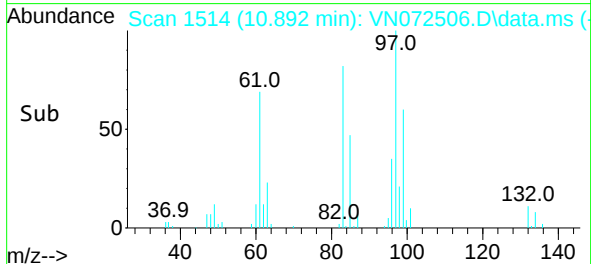
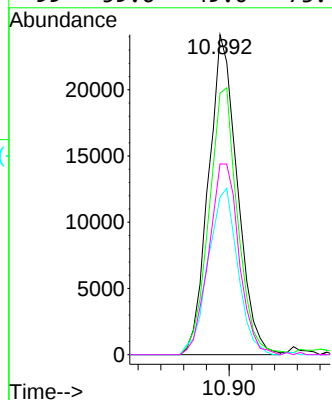
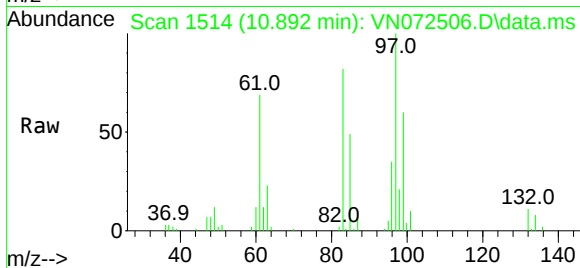




#50
1,1,2-Trichloroethane
Concen: 19.143 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

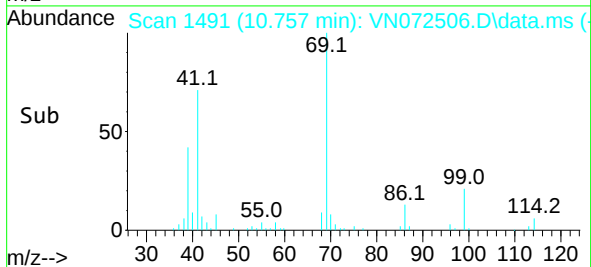
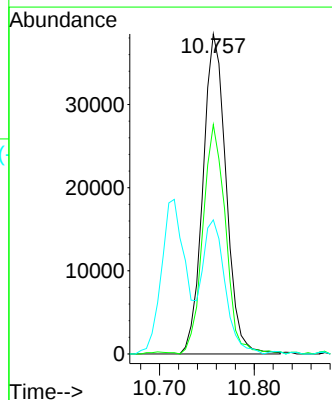
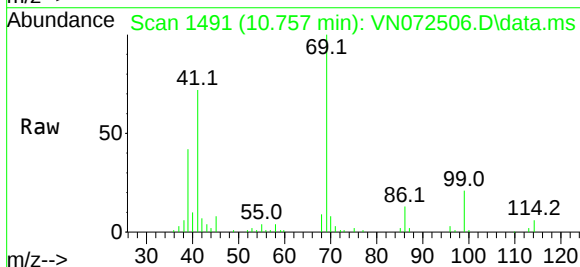
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

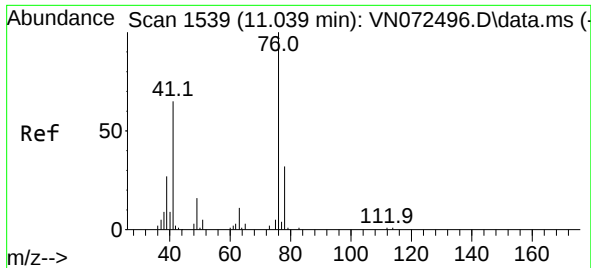
Tgt Ion:	97	Resp:	42487
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.2	100.8
85	49.3	43.0	64.4
99	59.6	49.0	73.4



#51
Ethyl methacrylate
Concen: 18.858 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:	69	Resp:	65268
Ion	Ratio	Lower	Upper
69	100		
41	71.6	33.0	98.9
39	41.2	25.4	76.4

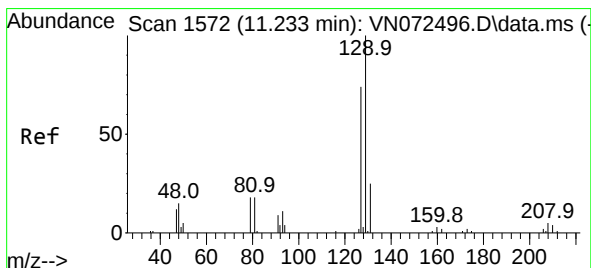
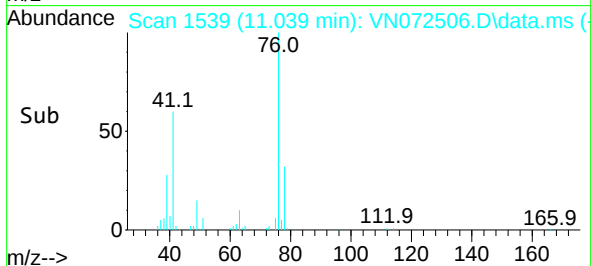
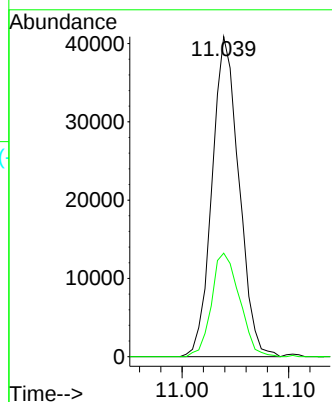
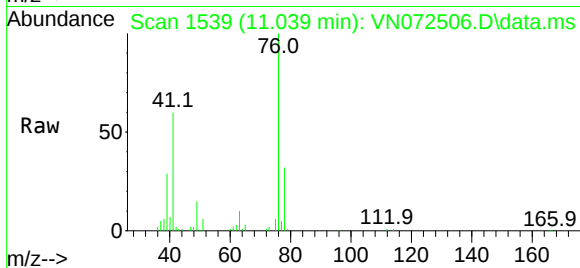




#52
1,3-Dichloropropane
Concen: 18.669 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

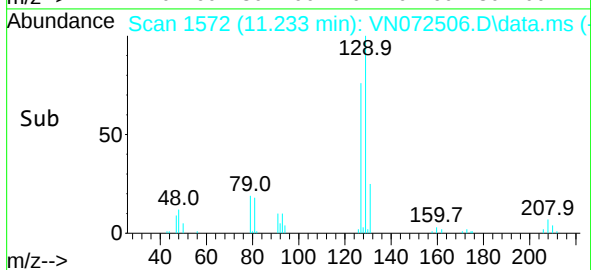
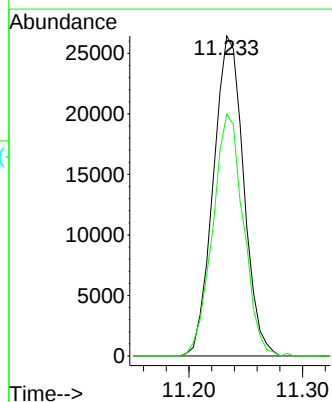
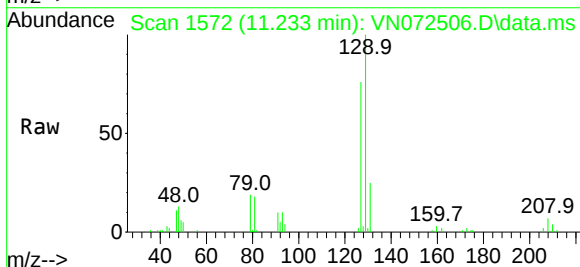
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

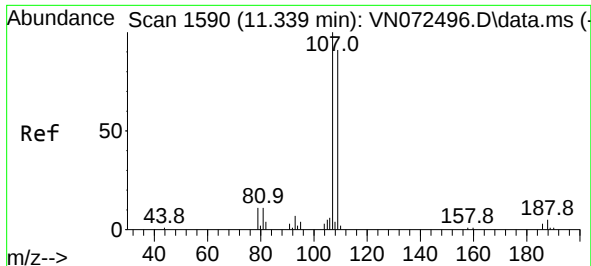
Tgt Ion: 76 Resp: 71590
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.4



#53
Dibromochloromethane
Concen: 18.284 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 129 Resp: 48999
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

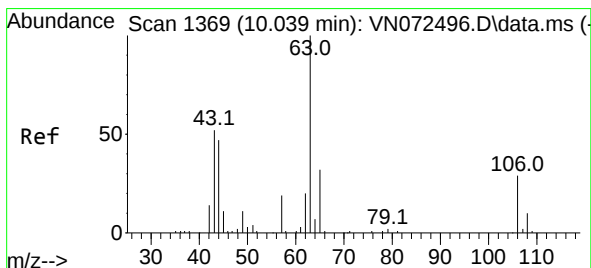
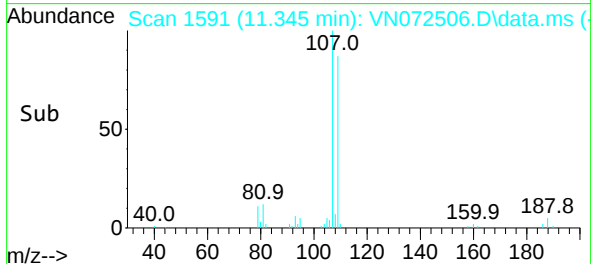
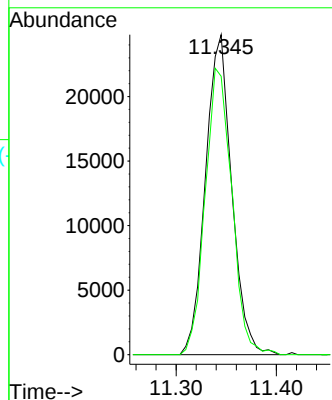
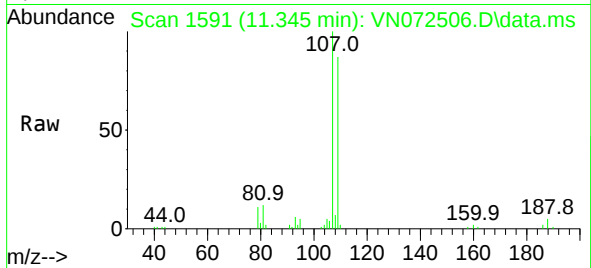




#54
1,2-Dibromoethane
Concen: 19.121 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

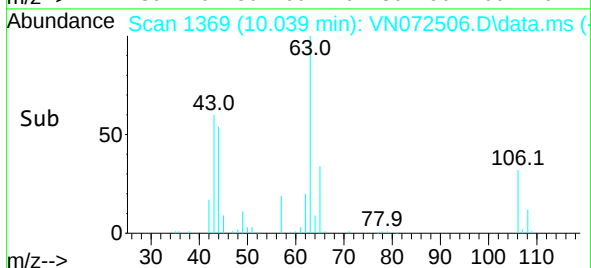
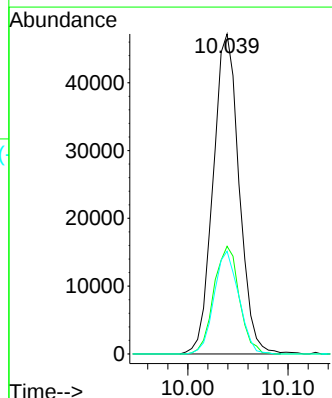
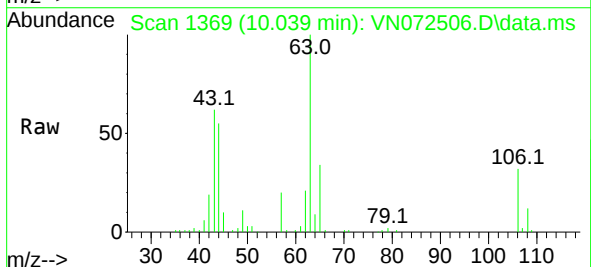
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

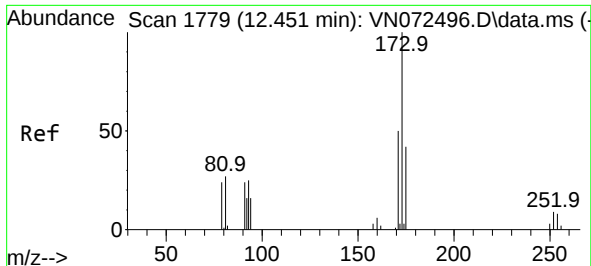
Tgt Ion:107 Resp: 45144
Ion Ratio Lower Upper
107 100
109 90.4 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 96.544 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 63 Resp: 84780
Ion Ratio Lower Upper
63 100
65 32.9 25.4 38.0
106 30.6 23.2 34.8

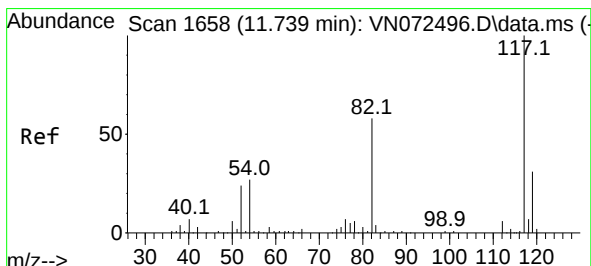
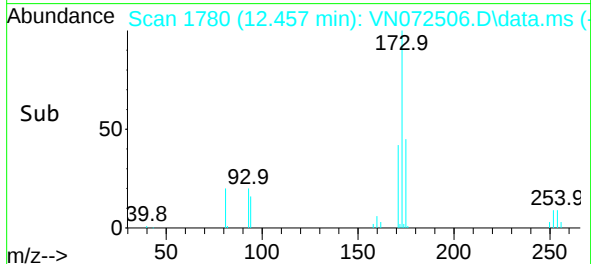
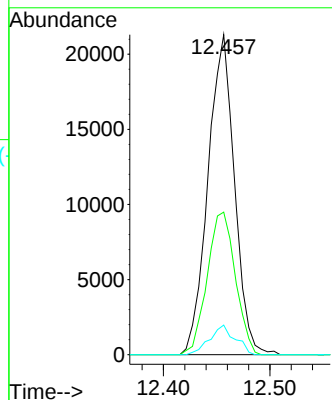
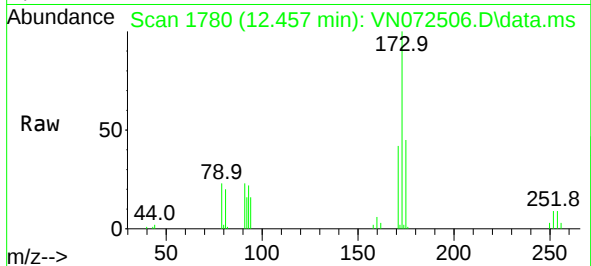




#56
Bromoform
Concen: 18.266 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

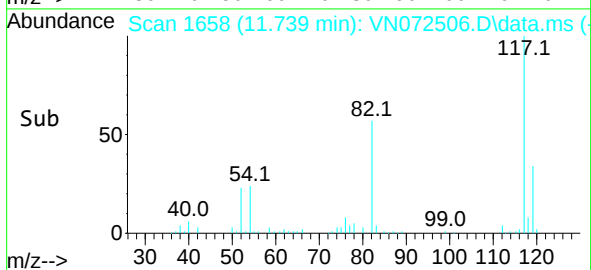
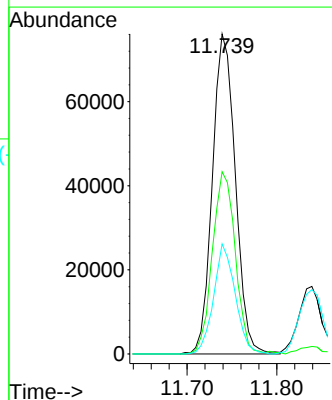
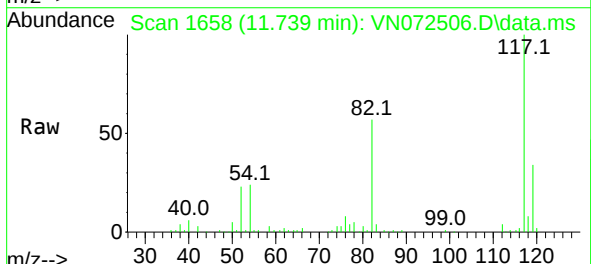
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

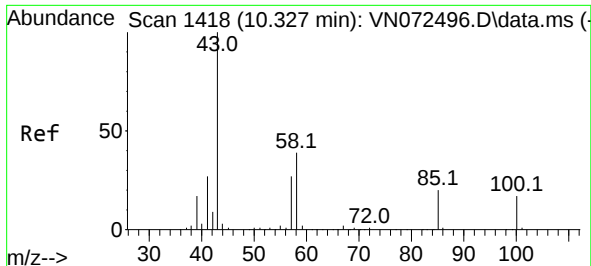
Tgt Ion:173 Resp: 36916
Ion Ratio Lower Upper
173 100
175 47.2 38.6 58.0
254 8.9 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:117 Resp: 134997
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 32.4 25.8 38.6





#58

4-Methyl-2-Pentanone

Concen: 102.667 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

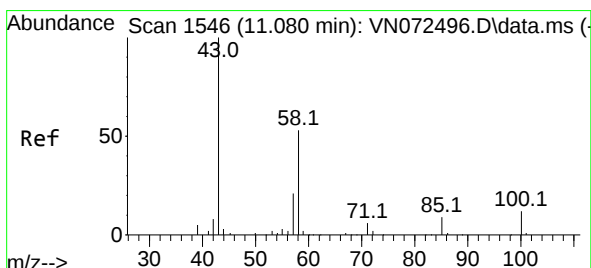
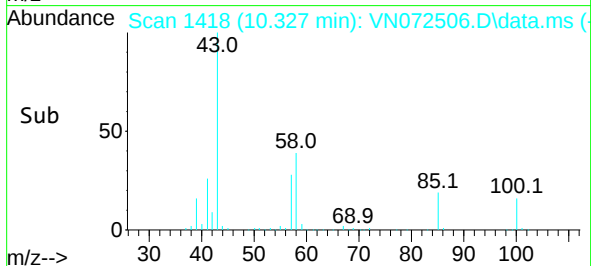
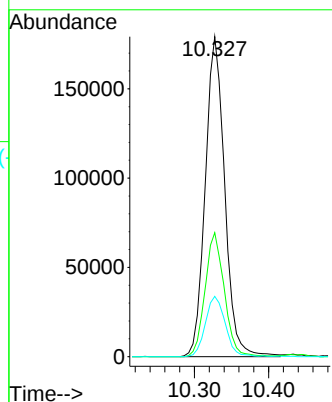
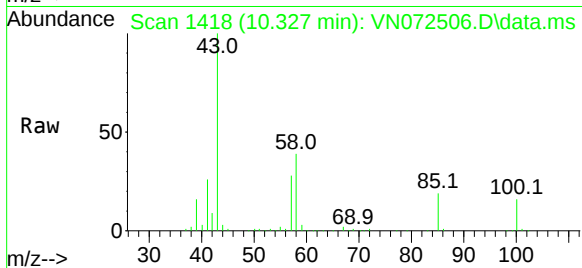
Tgt Ion: 43 Resp: 326585

Ion Ratio Lower Upper

43 100

58 38.3 30.0 45.0

85 19.3 15.0 22.6



#59

2-Hexanone

Concen: 101.986 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

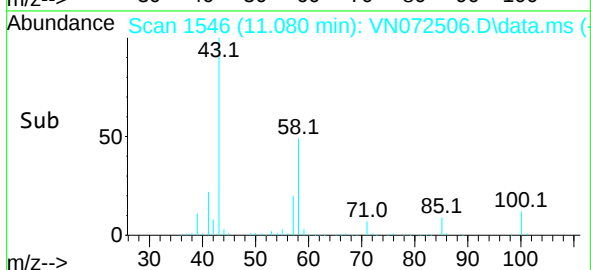
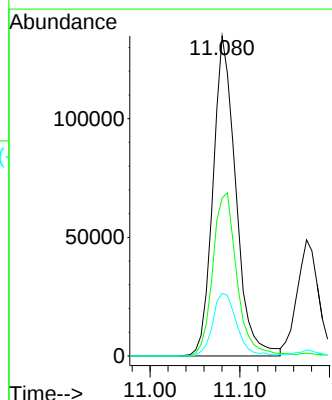
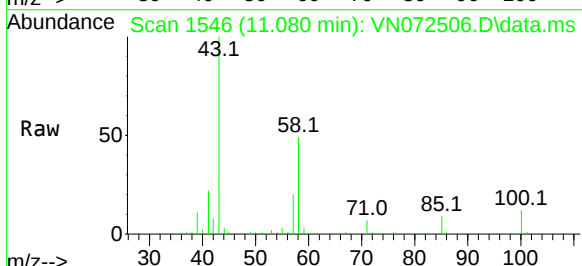
Tgt Ion: 43 Resp: 238328

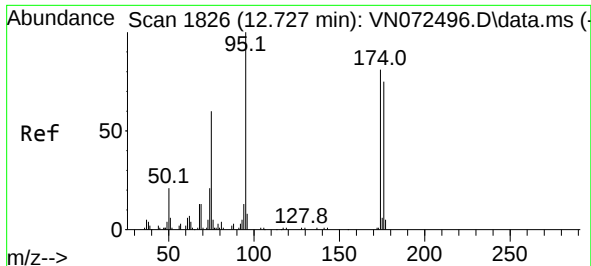
Ion Ratio Lower Upper

43 100

58 53.7 42.2 63.2

57 20.2 15.0 22.4

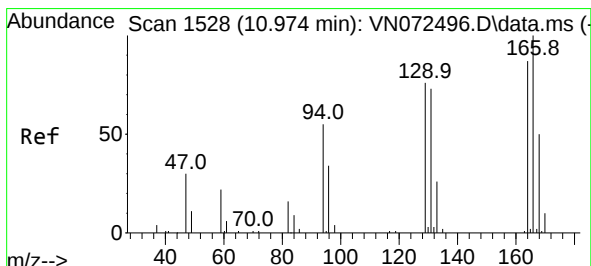
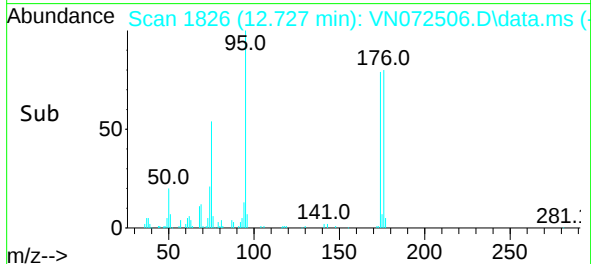
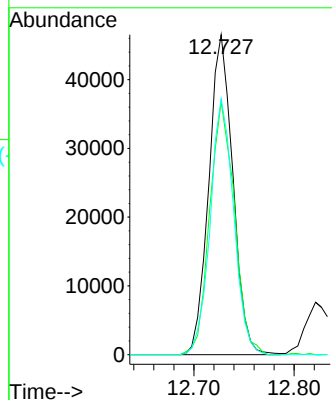
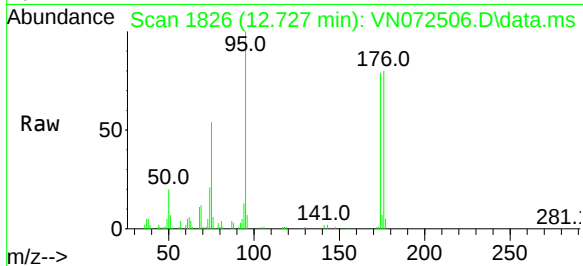




#60
4-Bromofluorobenzene
Concen: 29.446 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

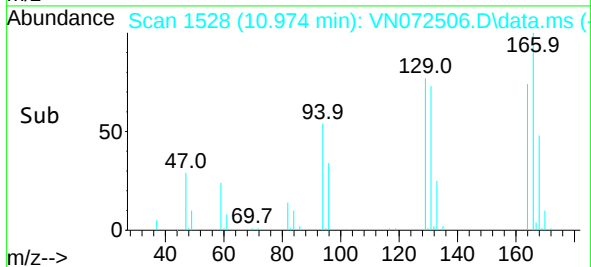
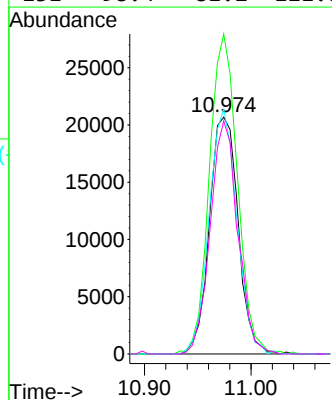
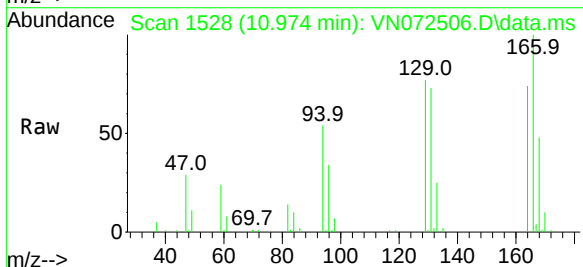
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

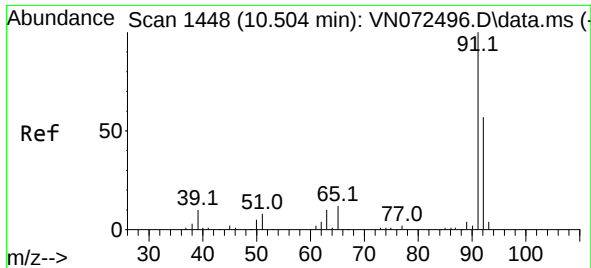
Tgt Ion: 95 Resp: 77615
Ion Ratio Lower Upper
95 100
174 81.2 62.9 94.3
176 78.1 61.0 91.4



#61
Tetrachloroethene
Concen: 19.135 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:164 Resp: 38685
Ion Ratio Lower Upper
164 100
166 134.0 105.8 158.8
129 103.4 82.5 123.7
131 98.4 81.2 121.8

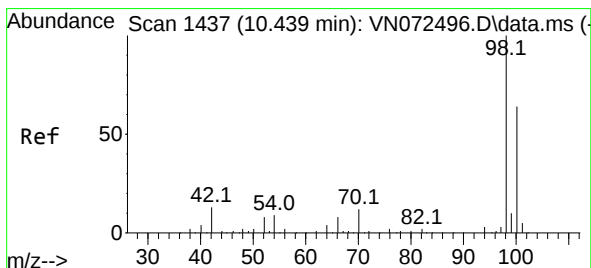
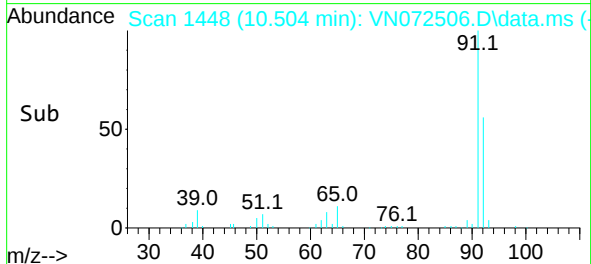
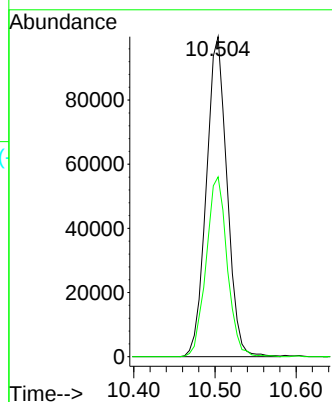
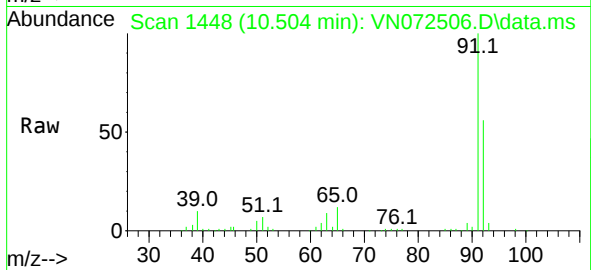




#62
Toluene
Concen: 19.365 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

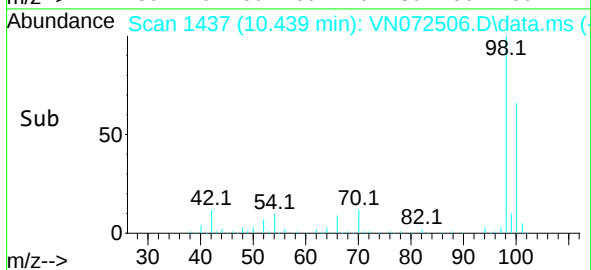
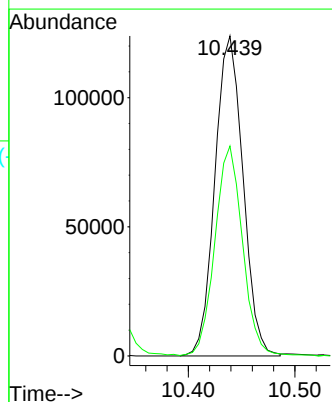
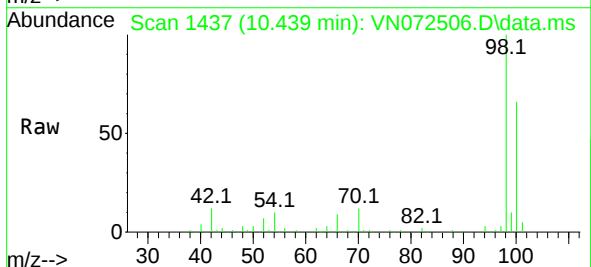
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

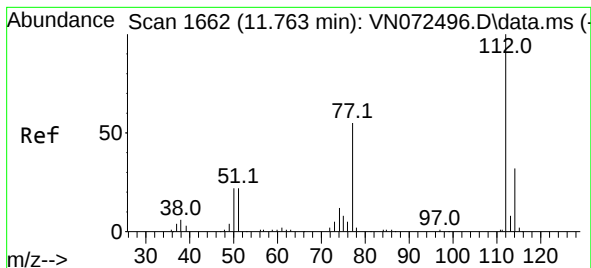
Tgt Ion: 91 Resp: 176614
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0



#63
Toluene-d8
Concen: 30.771 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 98 Resp: 226758
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0





#64

Chlorobenzene

Concen: 19.008 ug/l

RT: 11.768 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

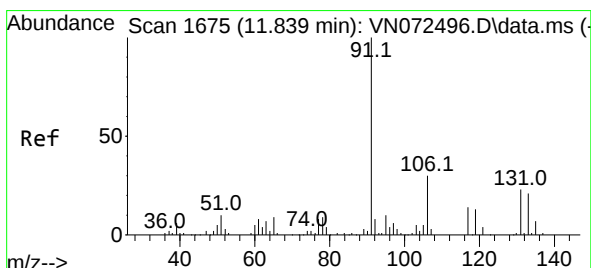
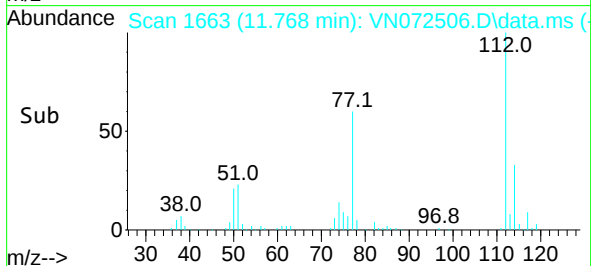
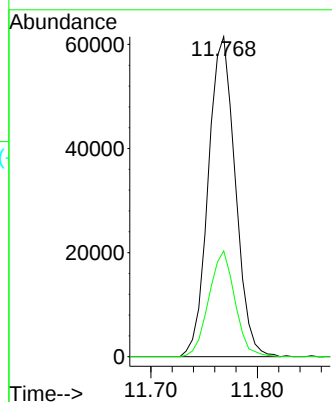
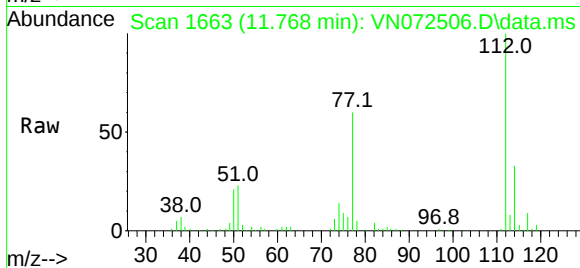
VN0516WBSD01

Tgt Ion:112 Resp: 108135

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.160 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

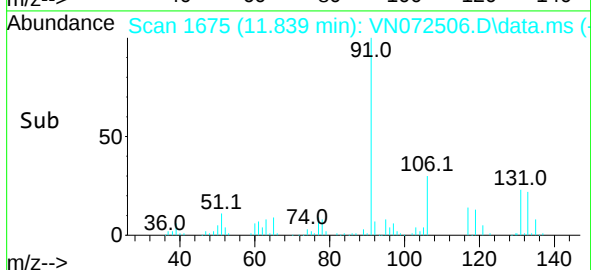
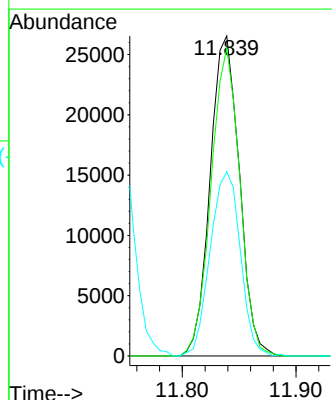
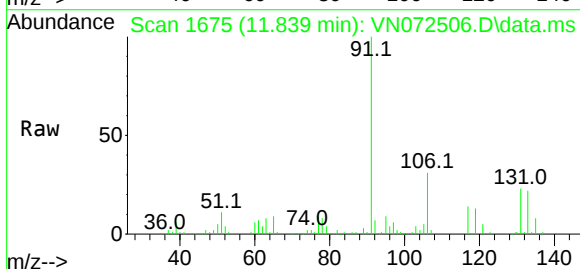
Tgt Ion:131 Resp: 47422

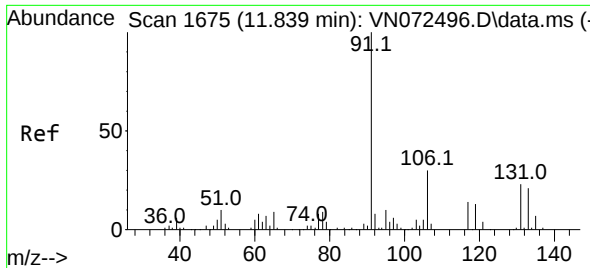
Ion Ratio Lower Upper

131 100

133 94.4 0.0 191.2

119 59.1 0.0 128.8

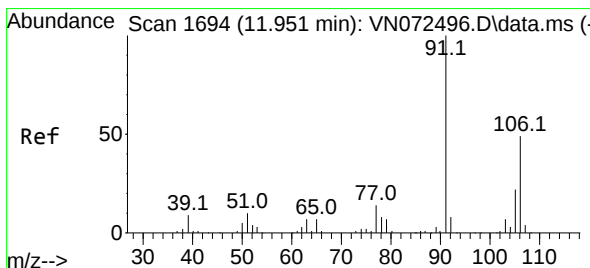
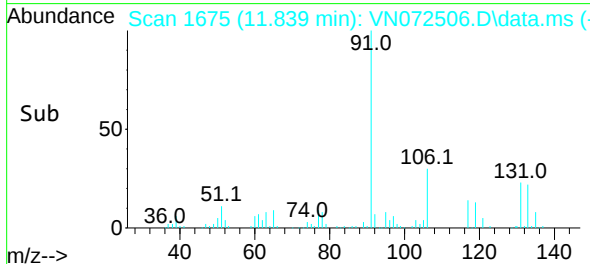
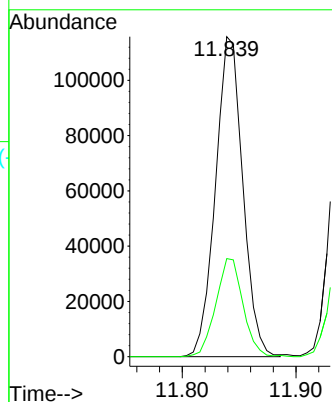
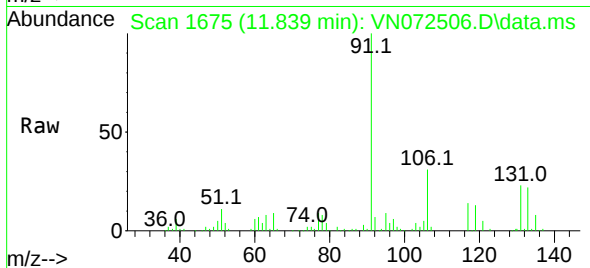




#66
Ethyl Benzene
Concen: 18.863 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

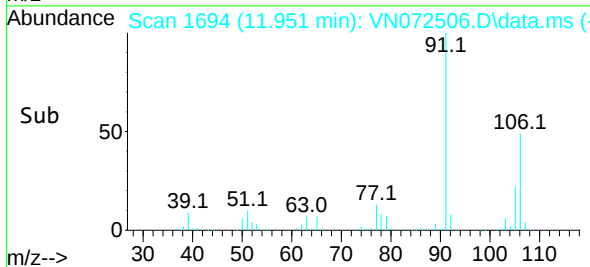
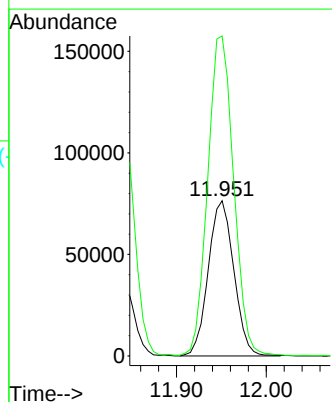
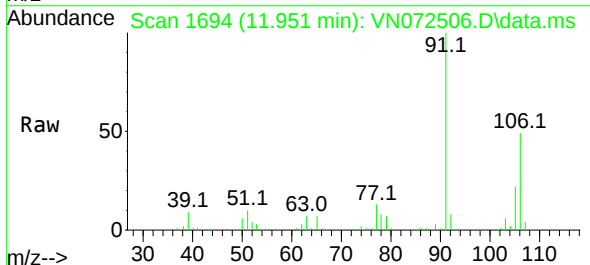
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

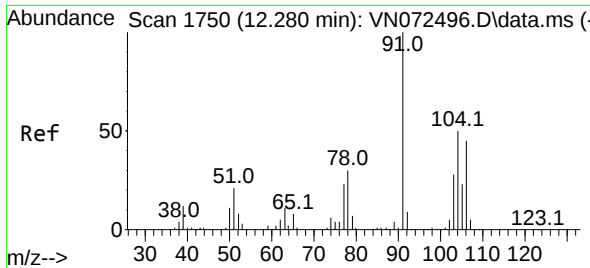
Tgt Ion: 91 Resp: 193497
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#67
m/p-Xylenes
Concen: 38.912 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:106 Resp: 151337
Ion Ratio Lower Upper
106 100
91 209.4 162.9 244.3

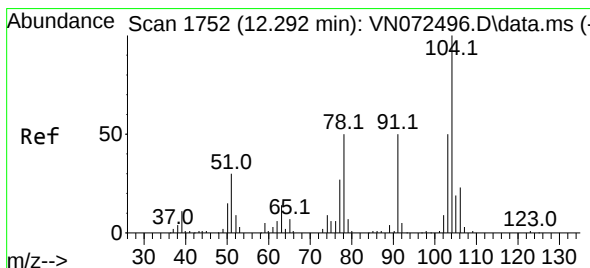
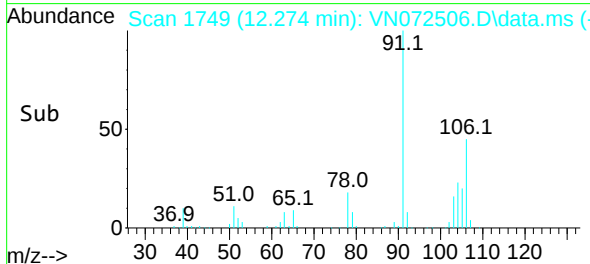
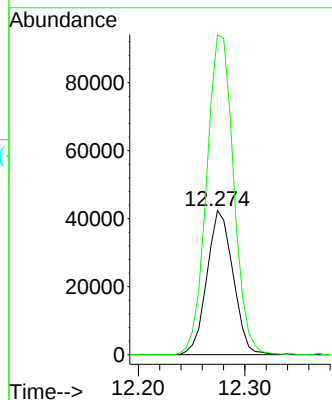
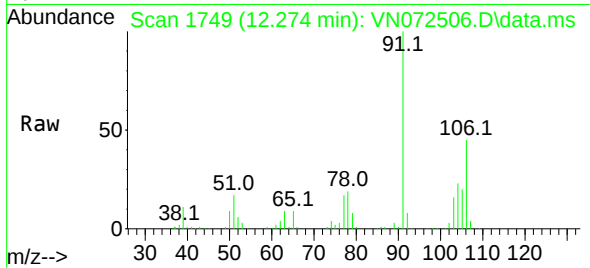




#68
o-Xylene
Concen: 18.784 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

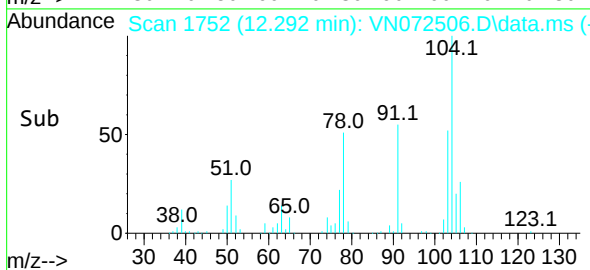
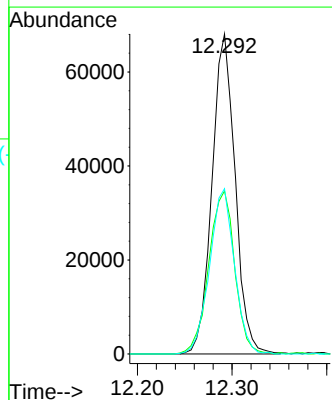
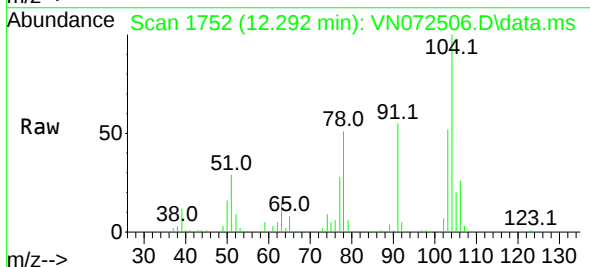
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

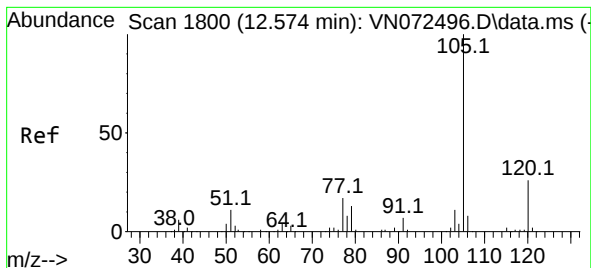
Tgt Ion:106 Resp: 72214
Ion Ratio Lower Upper
106 100
91 229.9 107.7 323.1



#69
Styrene
Concen: 18.875 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:104 Resp: 115571
Ion Ratio Lower Upper
104 100
78 57.1 40.7 61.1
103 55.4 45.8 68.8





#70

Isopropylbenzene

Concen: 19.036 ug/l

RT: 12.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

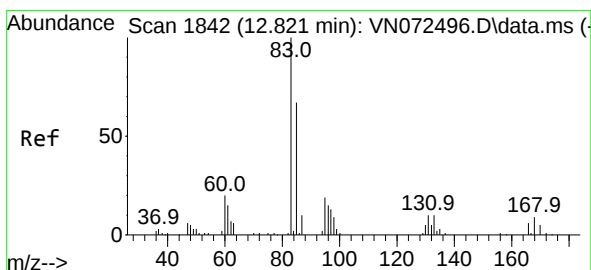
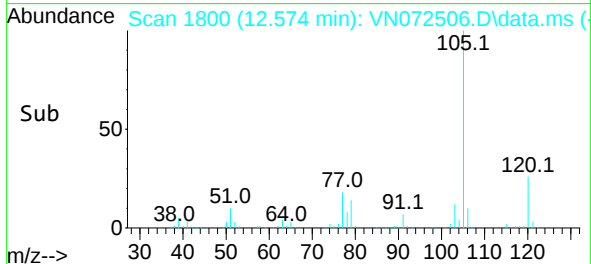
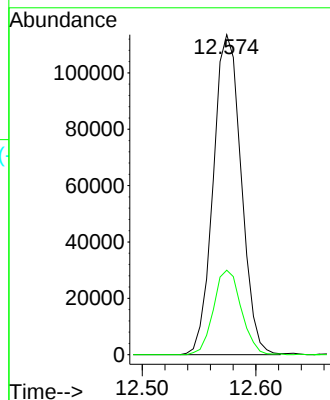
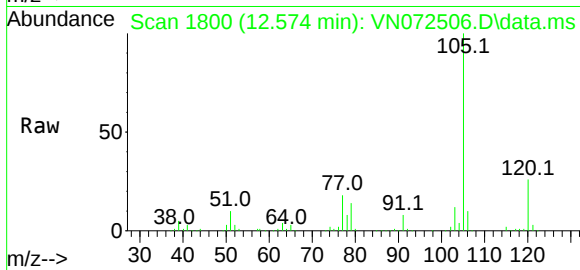
VN0516WBSD01

Tgt Ion:105 Resp: 194195

Ion Ratio Lower Upper

105 100

120 26.1 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

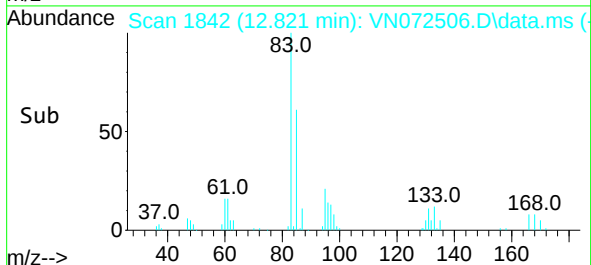
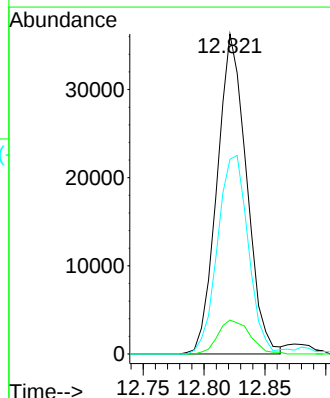
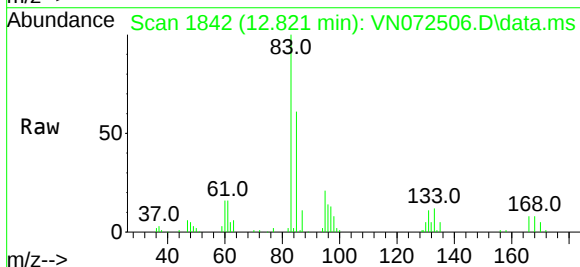
Tgt Ion: 83 Resp: 60997

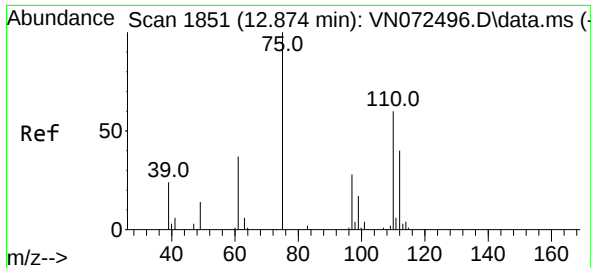
Ion Ratio Lower Upper

83 100

131 11.5 5.1 15.3

85 64.5 33.1 99.2

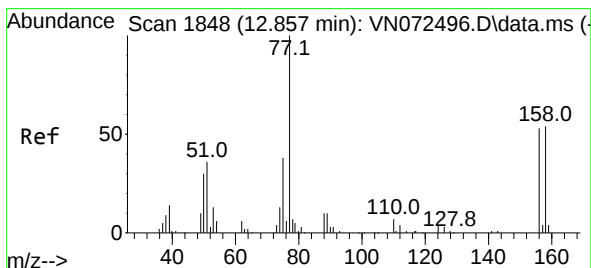
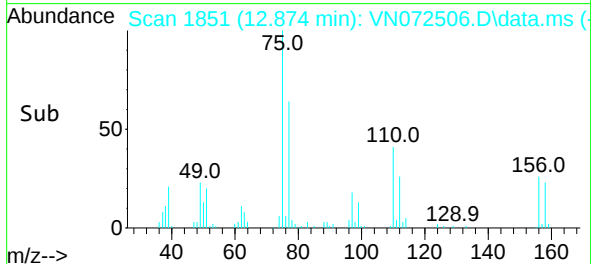
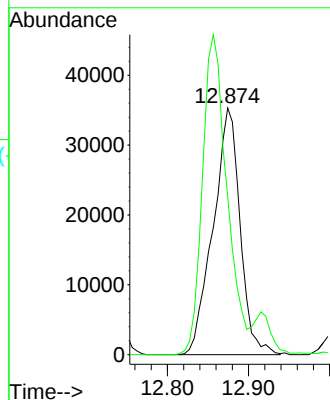
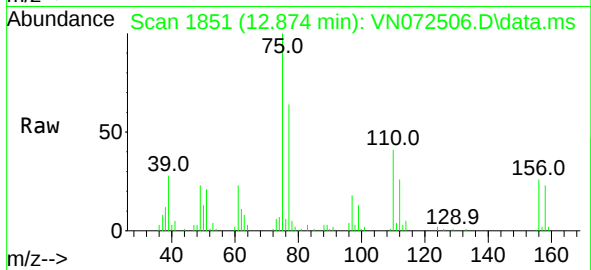




#72
1,2,3-Trichloropropane
Concen: 27.975 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

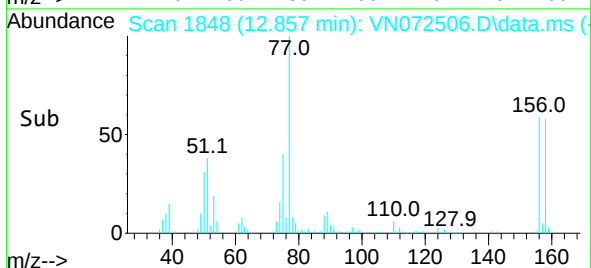
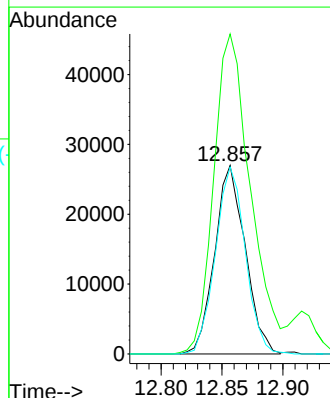
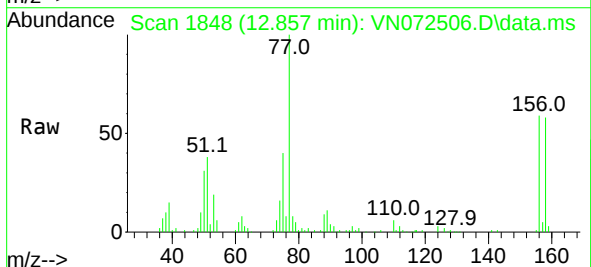
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

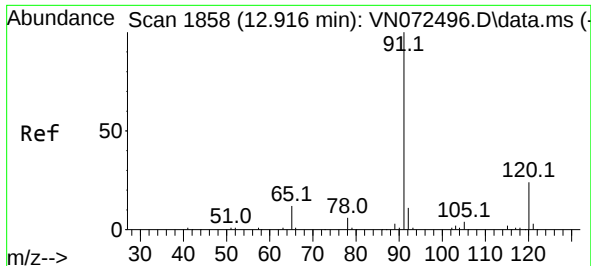
Tgt Ion: 75 Resp: 81738
Ion Ratio Lower Upper
75 100
77 116.6 0.0 378.0



#73
Bromobenzene
Concen: 19.208 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 156 Resp: 47158
Ion Ratio Lower Upper
156 100
77 202.1 0.0 416.0
158 97.0 0.0 195.4

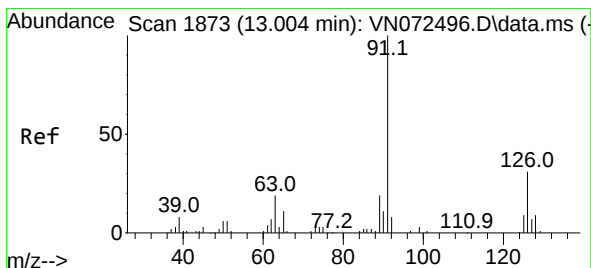
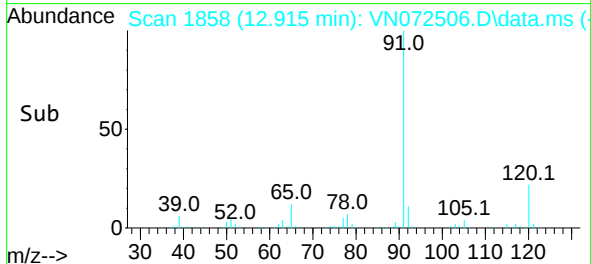
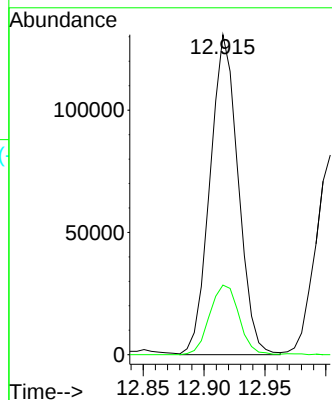
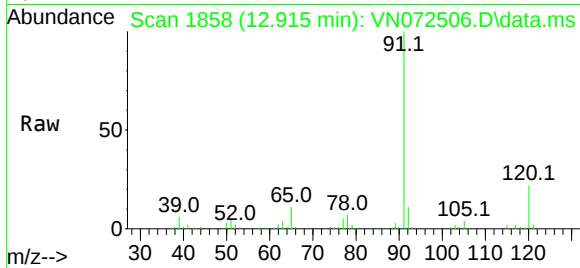




#74
n-propylbenzene
Concen: 18.857 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

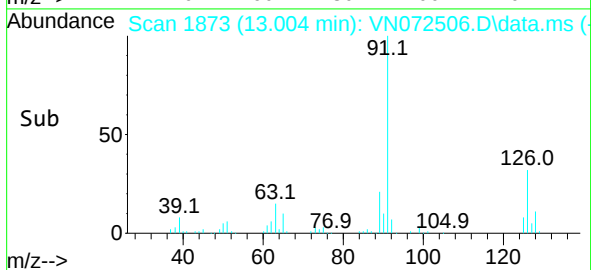
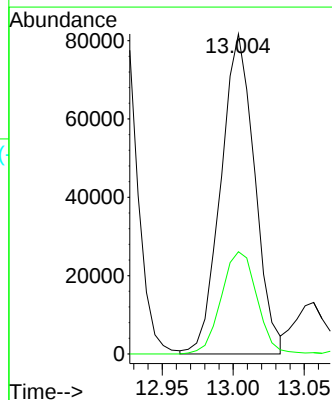
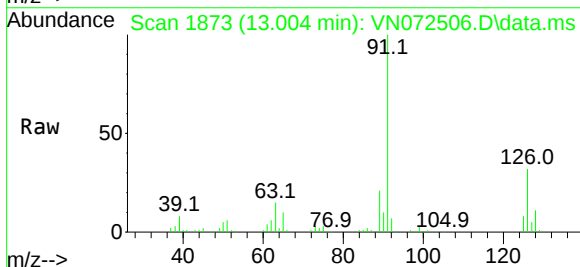
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

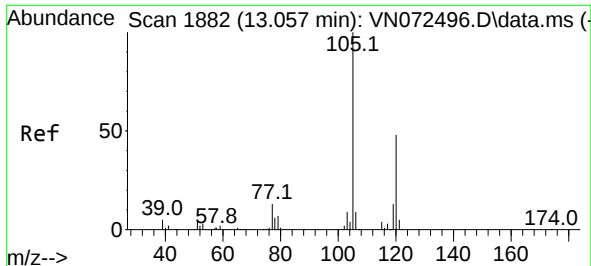
Tgt Ion: 91 Resp: 210582
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0



#75
2-Chlorotoluene
Concen: 18.745 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 91 Resp: 135256
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8

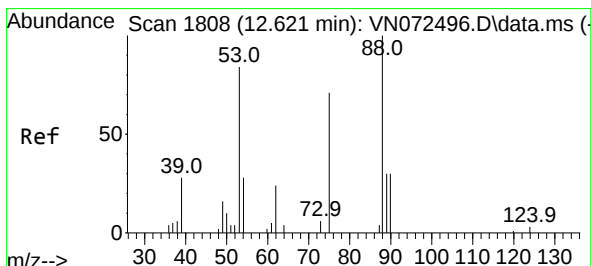
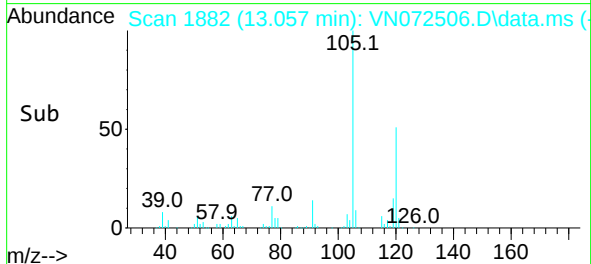
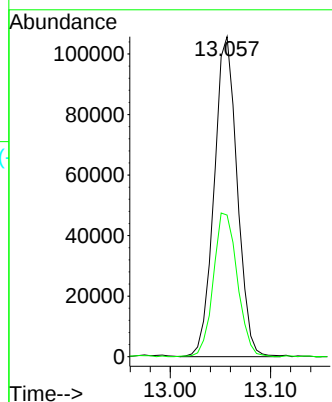
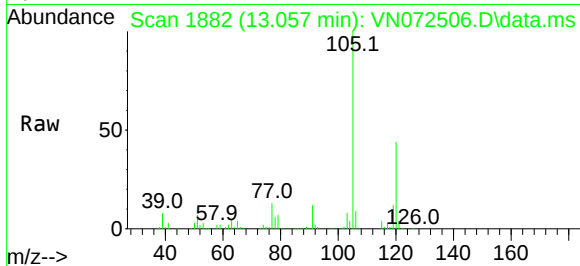




#76
1,3,5-Trimethylbenzene
Concen: 19.327 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

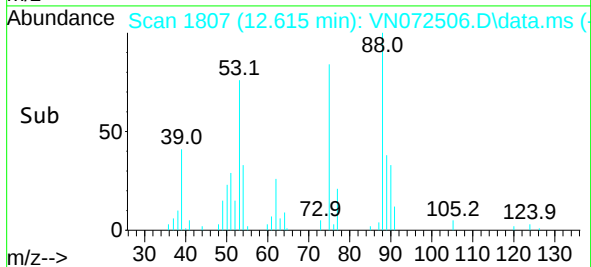
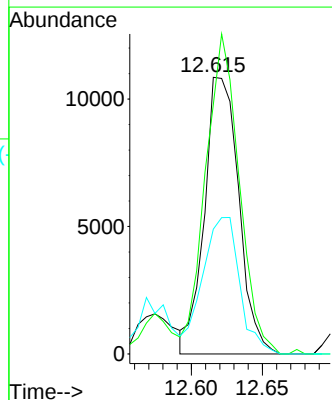
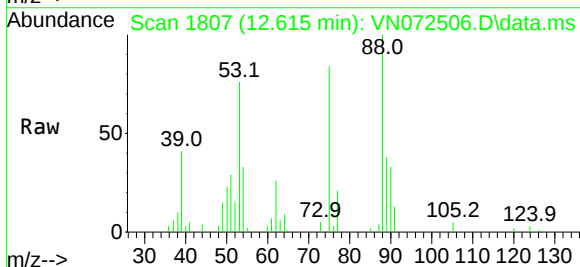
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

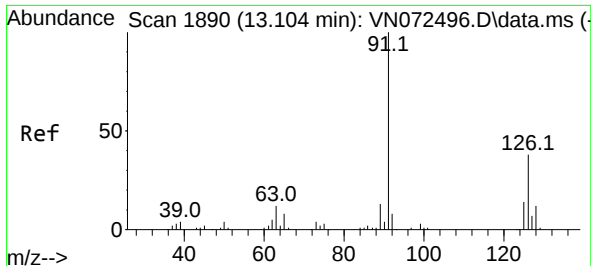
Tgt Ion:105 Resp: 168630
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.8



#77
t-1,4-Dichloro-2-butene
Concen: 18.944 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 75 Resp: 18289
Ion Ratio Lower Upper
75 100
53 90.1 51.8 155.5
89 45.1 22.9 68.7

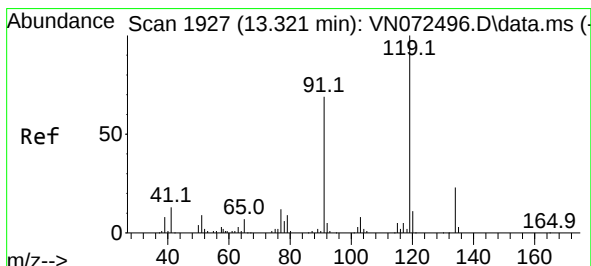
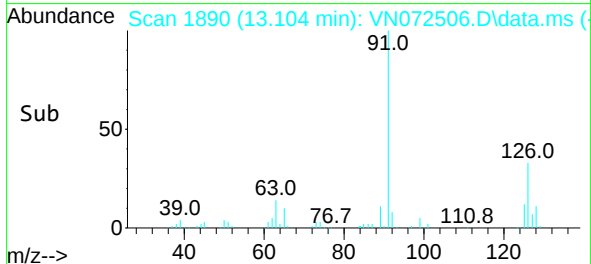
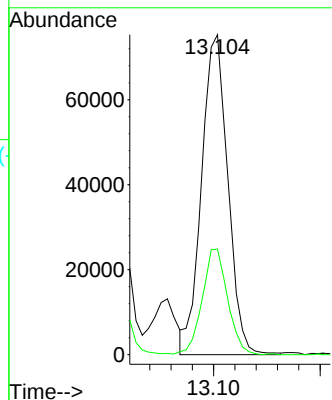
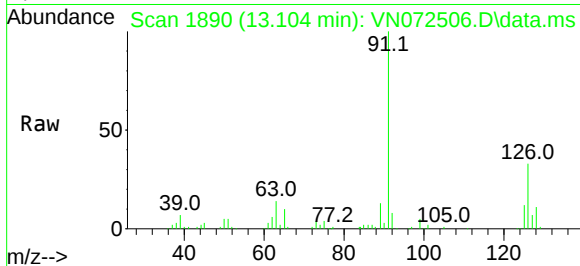




#78
4-Chlorotoluene
Concen: 19.105 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

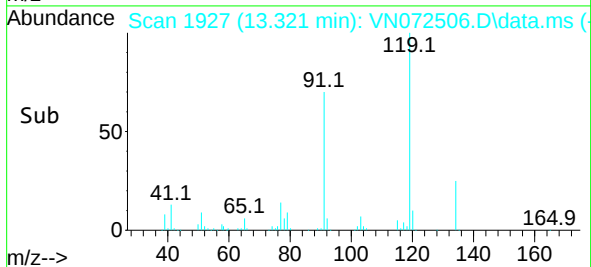
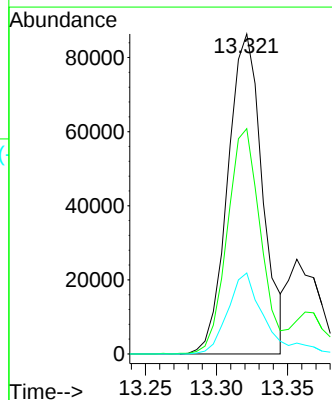
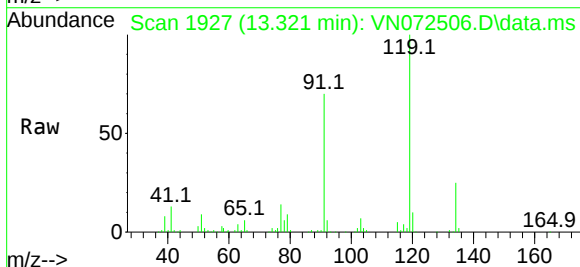
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

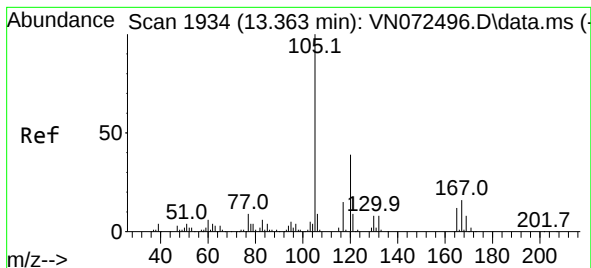
Tgt Ion: 91 Resp: 129208
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6



#79
tert-butylbenzene
Concen: 19.155 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 119 Resp: 146845
Ion Ratio Lower Upper
119 100
91 67.5 0.0 137.0
134 24.8 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 22.138 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.135 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

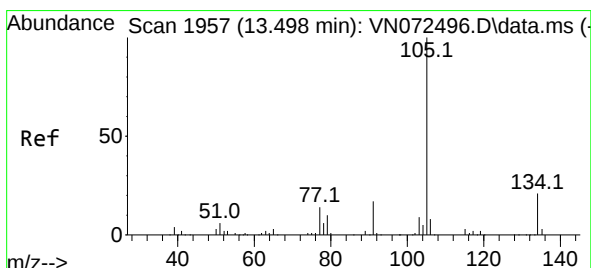
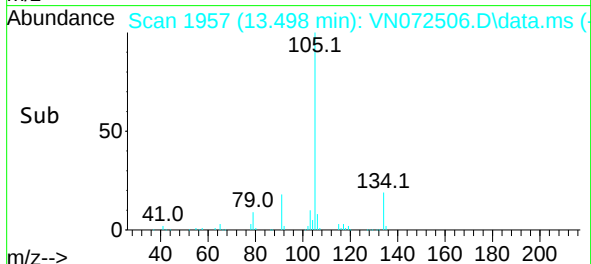
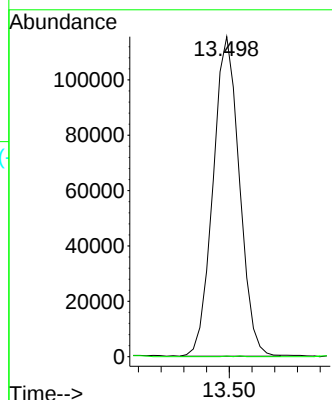
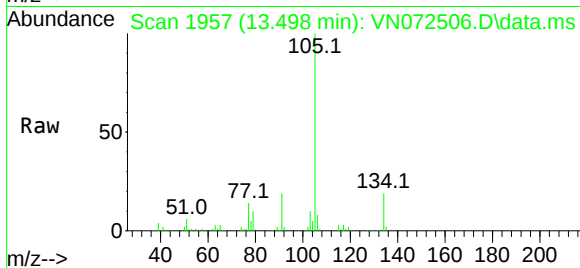
VN0516WBSD01

Tgt Ion:105 Resp: 186130

Ion Ratio Lower Upper

105 100

120 0.0 0.0 0.2



#81

sec-Butylbenzene

Concen: 18.313 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072506.D

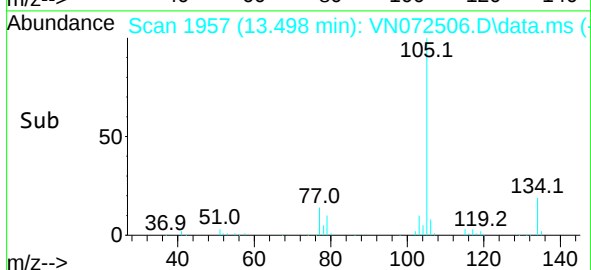
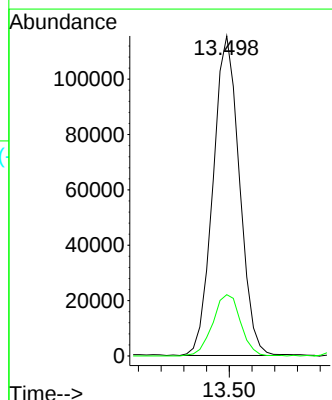
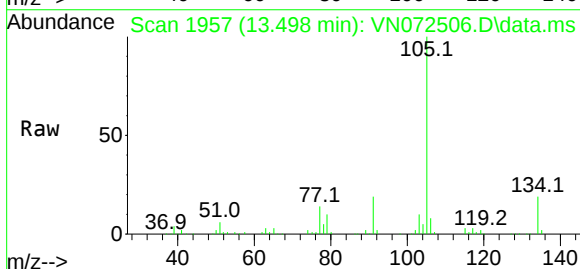
Acq: 16 May 2022 17:20

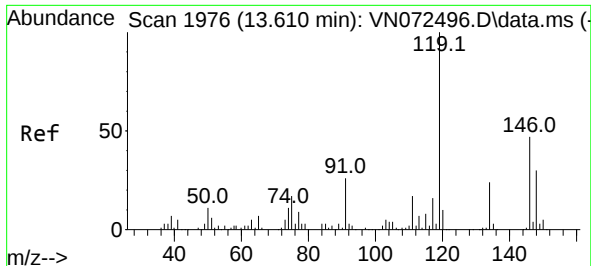
Tgt Ion:105 Resp: 186130

Ion Ratio Lower Upper

105 100

134 20.3 0.0 39.4





#82

p-Isopropyltoluene

Concen: 18.447 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

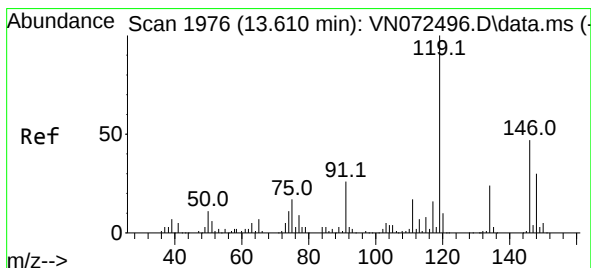
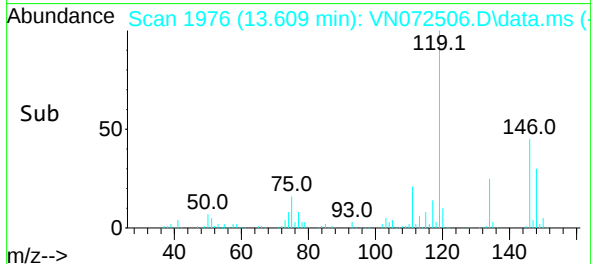
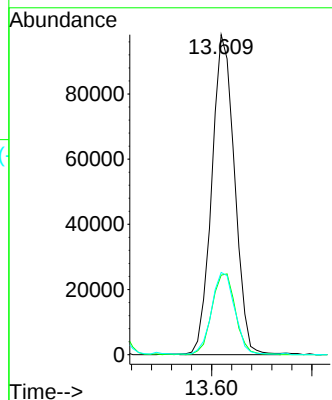
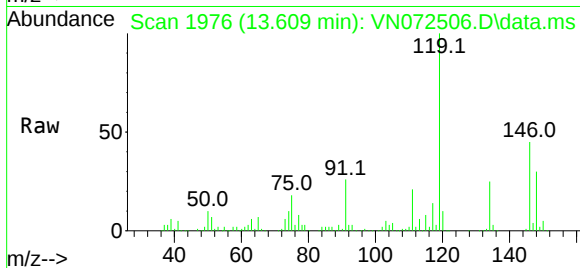
Tgt Ion:119 Resp: 155166

Ion Ratio Lower Upper

119 100

134 26.0 0.0 51.8

91 26.2 0.0 50.4



#83

1,3-Dichlorobenzene

Concen: 18.986 ug/l

RT: 13.615 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

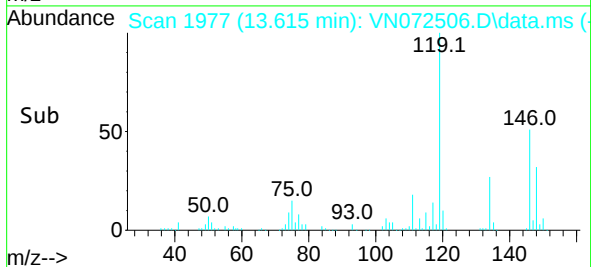
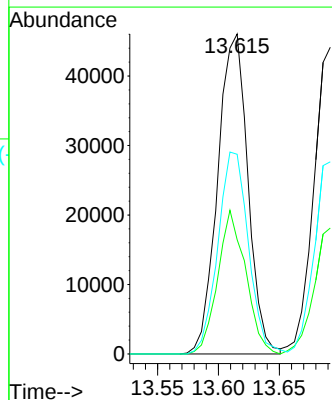
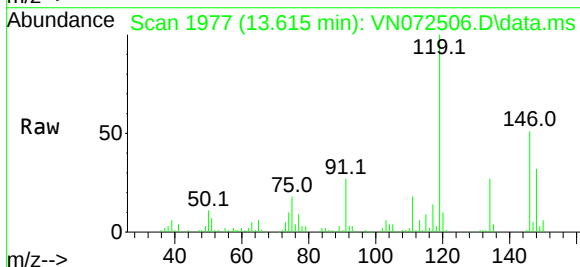
Tgt Ion:146 Resp: 79573

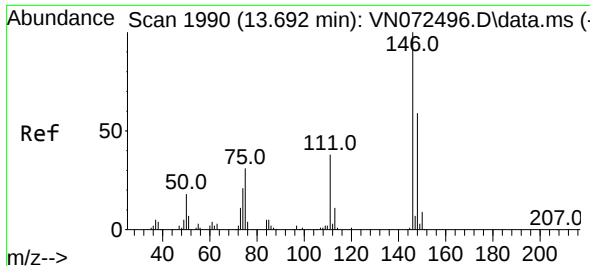
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

148 63.8 31.4 94.3

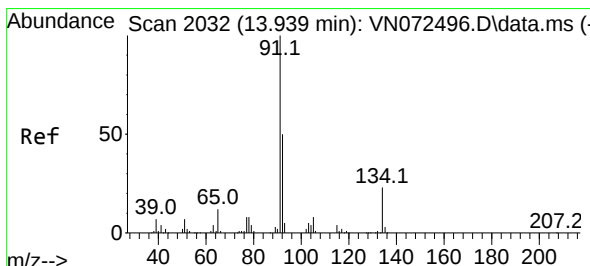
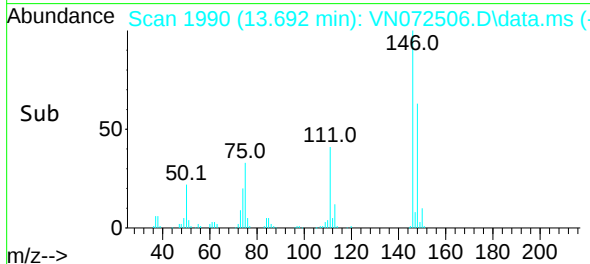
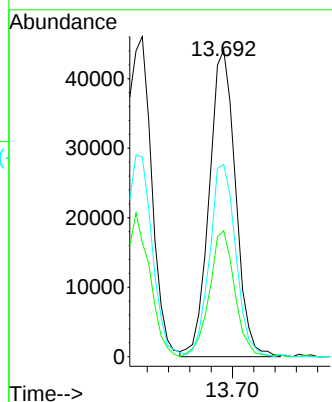
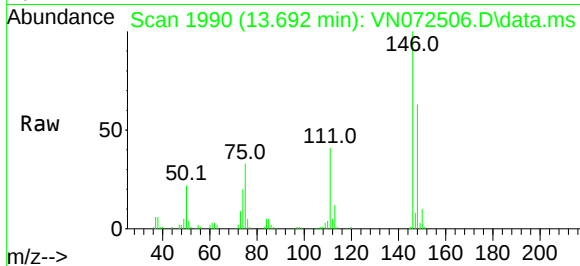




#84
1,4-Dichlorobenzene
Concen: 18.575 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

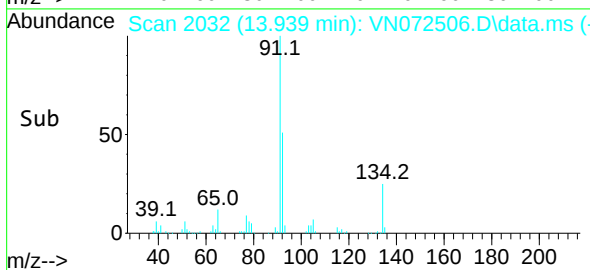
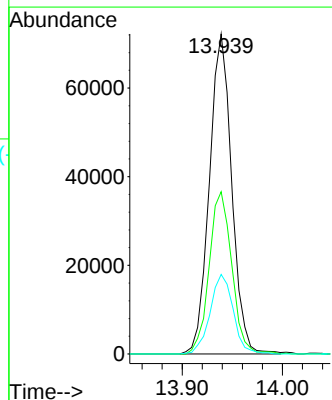
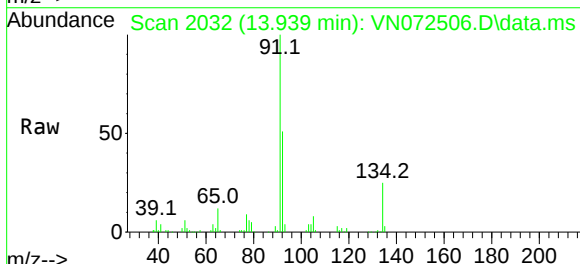
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

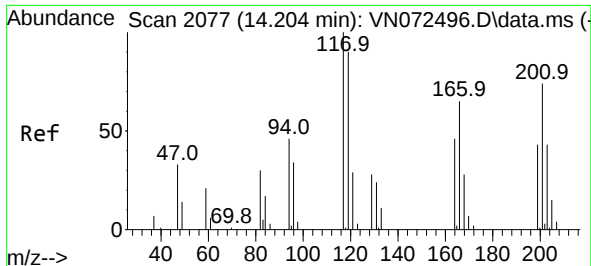
Tgt Ion:	146	Resp:	75757
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	62.1	31.1	93.5



#85
n-Butylbenzene
Concen: 17.994 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:	91	Resp:	112165
Ion	Ratio	Lower	Upper
91	100		
92	50.9	0.0	100.6
134	25.7	0.0	50.2

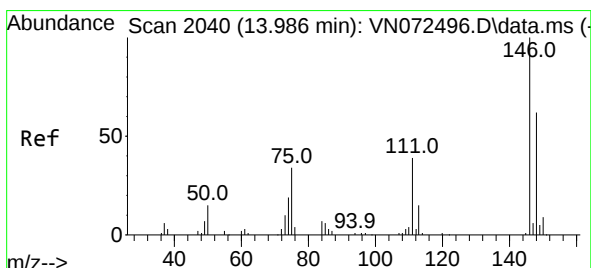
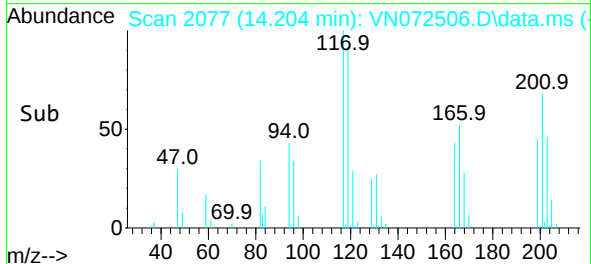
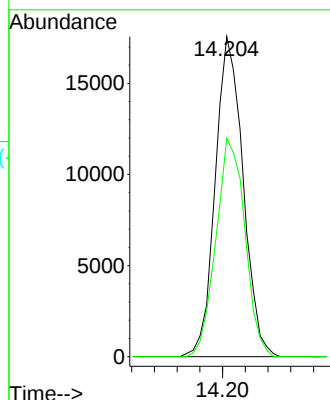
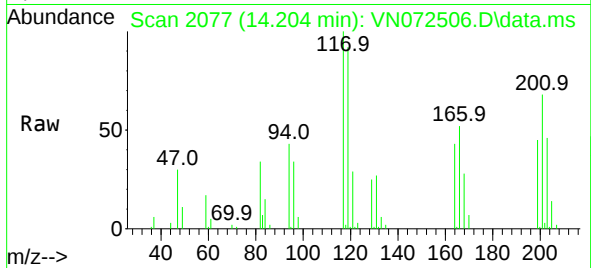




#86
Hexachloroethane
Concen: 19.256 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

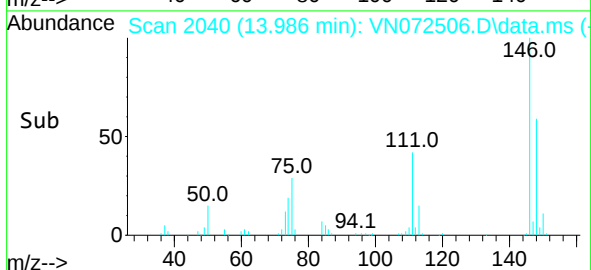
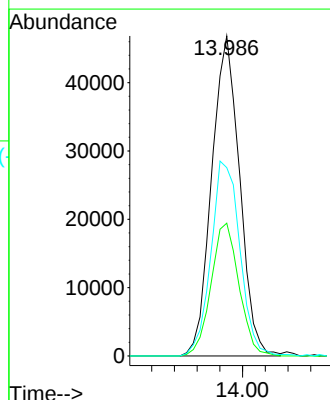
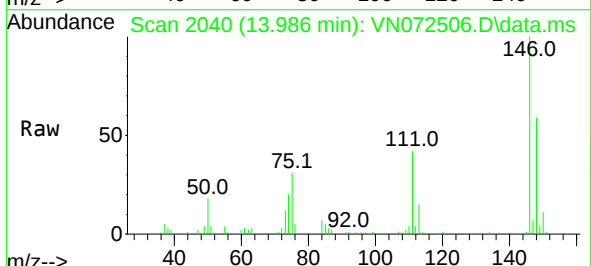
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

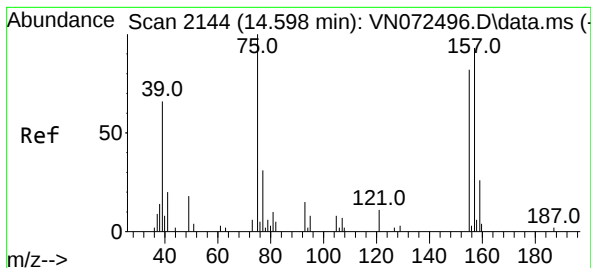
Tgt Ion:117 Resp: 29825
Ion Ratio Lower Upper
117 100
201 71.0 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 19.537 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:146 Resp: 80054
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 63.0 32.5 97.4

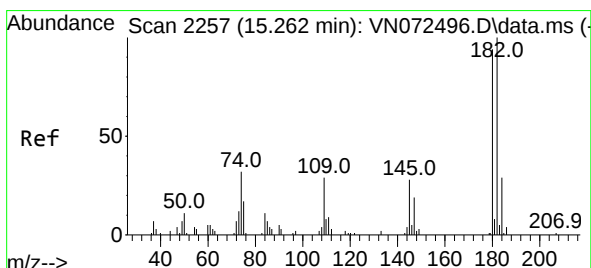
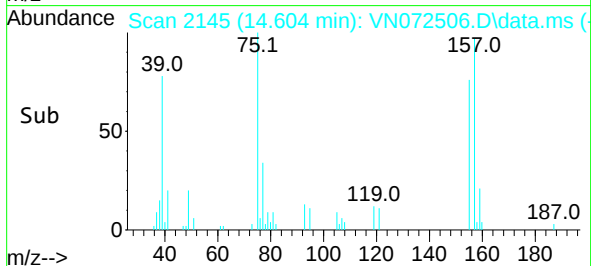
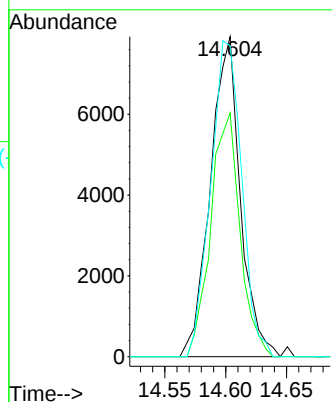
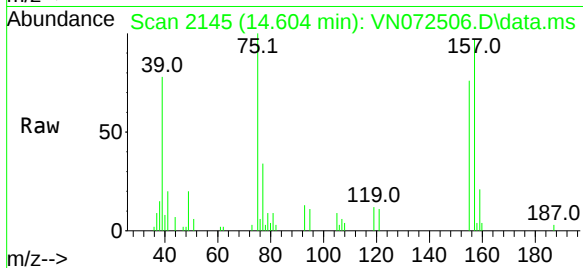




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.494 ug/l
 RT: 14.604 min Scan# 2145
 Delta R.T. 0.006 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

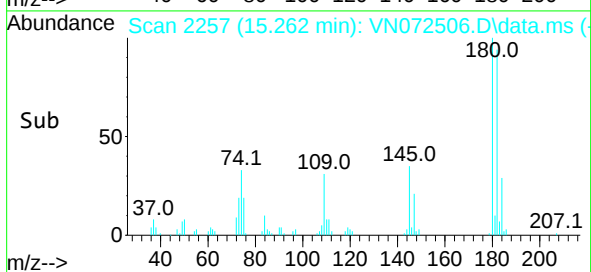
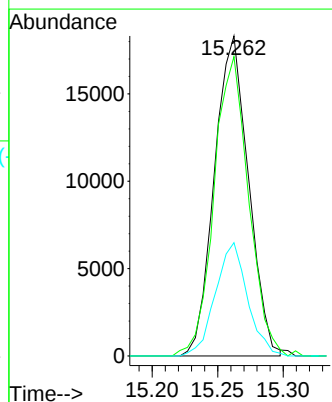
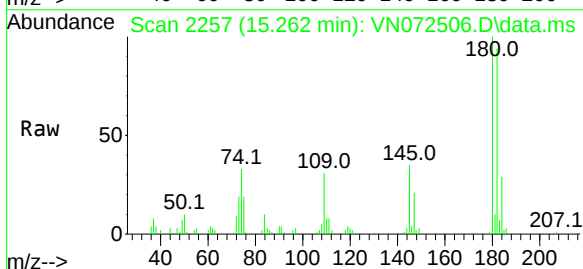
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

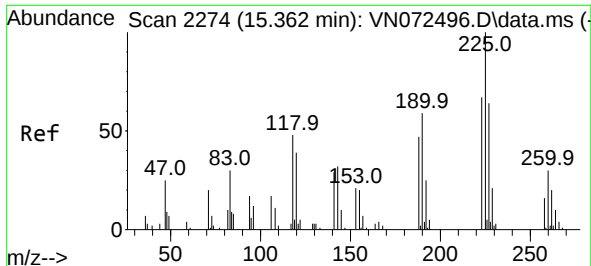
Tgt Ion: 75 Resp: 13562
 Ion Ratio Lower Upper
 75 100
 155 74.4 63.8 95.8
 157 102.1 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 17.846 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

Tgt Ion:180 Resp: 33100
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.7 116.5
 145 33.4 26.6 39.8

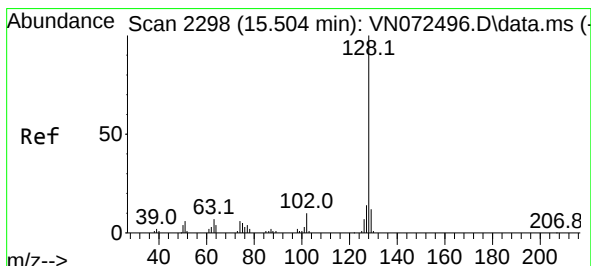
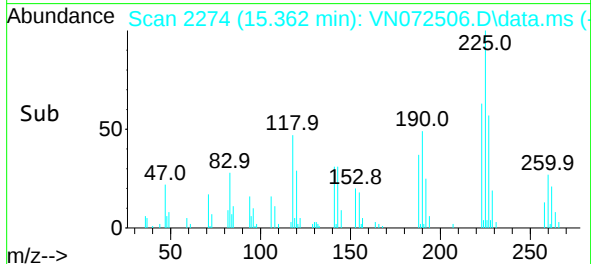
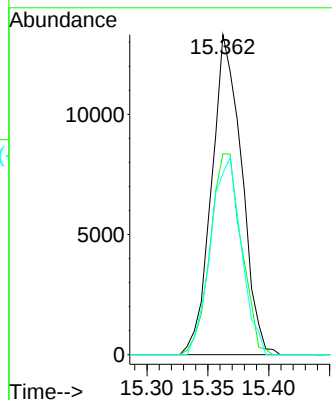
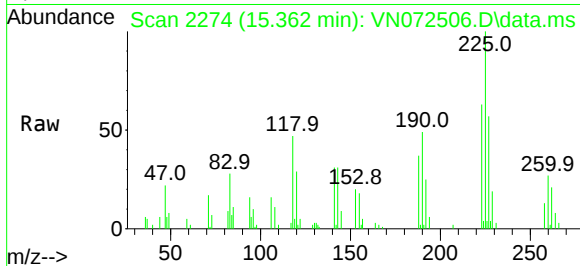




#90
Hexachlorobutadiene
Concen: 19.886 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

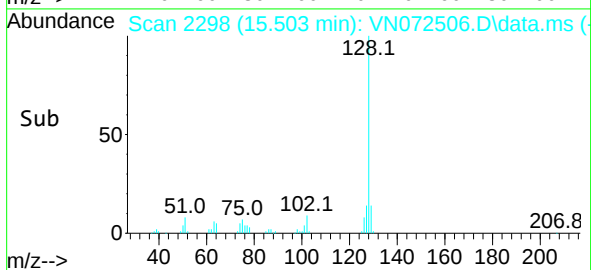
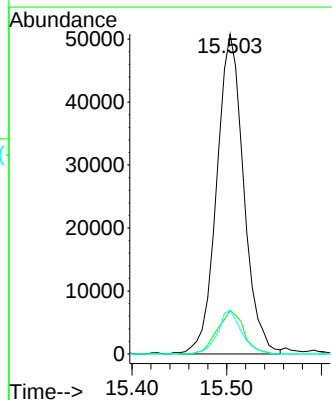
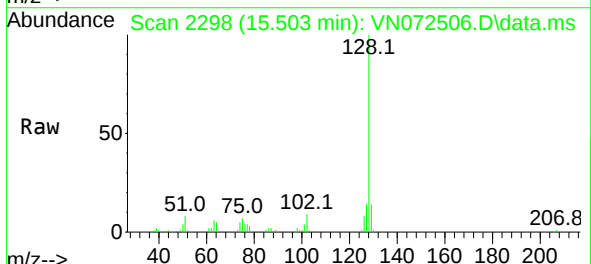
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

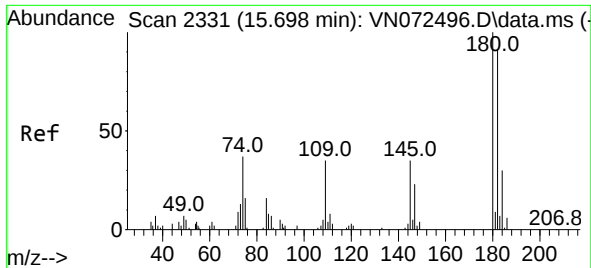
Tgt Ion:	225	Resp:	22795
Ion Ratio	Lower	Upper	
225	100		
223	65.2	0.0	126.8
227	63.0	0.0	123.0



#91
Naphthalene
Concen: 20.504 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

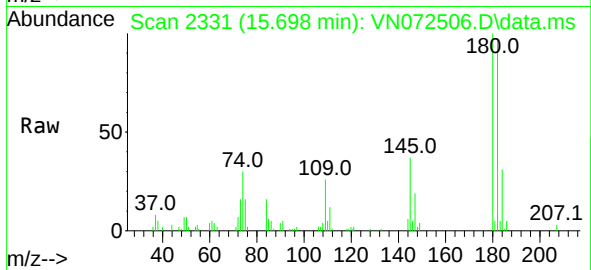
Tgt Ion:	128	Resp:	100529
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	12.1	9.0	13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 19.103 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



Tgt Ion:	180	Resp:	36067
Ion Ratio	Lower	Upper	
180	100		
182	95.6	0.0	190.0
145	34.4	0.0	67.8

