

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072316.D
 Acq On : 03 May 2022 20:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 04 05:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	172680	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	311623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	277554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	116433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	138520	52.252	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.500%	
35) Dibromofluoromethane	8.022	113	99754	50.013	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.020%	
50) Toluene-d8	10.439	98	389492	49.696	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.727	95	129992	49.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	87746	45.320	ug/l	97
3) Chloromethane	2.299	50	104396	48.036	ug/l	97
4) Vinyl Chloride	2.446	62	83811	43.115	ug/l	96
5) Bromomethane	2.834	94	47574	51.179	ug/l	100
6) Chloroethane	3.004	64	52292	47.509	ug/l	98
7) Trichlorofluoromethane	3.363	101	144445	42.533	ug/l	97
8) Diethyl Ether	3.822	74	62955	51.194	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	84048	47.115	ug/l	94
10) Methyl Iodide	4.416	142	102543	47.356	ug/l	90
11) Tert butyl alcohol	5.369	59	93190	213.907	ug/l	99
12) 1,1-Dichloroethene	4.181	96	75967	46.062	ug/l	94
13) Acrolein	4.046	56	87279	199.074	ug/l	97
14) Allyl chloride	4.845	41	170207	49.706	ug/l	# 93
15) Acrylonitrile	5.551	53	322074	244.986	ug/l	99
16) Acetone	4.287	43	276026	241.500	ug/l	95
17) Carbon Disulfide	4.534	76	163182	42.111	ug/l	99
18) Methyl Acetate	4.857	43	163838	51.277	ug/l	# 89
19) Methyl tert-butyl Ether	5.610	73	332069	51.366	ug/l	97
20) Methylene Chloride	5.098	84	98496	44.957	ug/l	# 86
21) trans-1,2-Dichloroethene	5.604	96	81479	44.803	ug/l	90
22) Diisopropyl ether	6.492	45	371380	52.653	ug/l	97
23) Vinyl Acetate	6.428	43	1579261	266.598	ug/l	# 92
24) 1,1-Dichloroethane	6.387	63	190949	48.399	ug/l	98
25) 2-Butanone	7.334	43	451060	247.801	ug/l	91
26) 2,2-Dichloropropane	7.322	77	144674	46.943	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	104049	46.931	ug/l	87
28) Bromochloromethane	7.657	49	92559	52.393	ug/l	# 77
29) Tetrahydrofuran	7.681	42	302045	252.848	ug/l	# 85
30) Chloroform	7.816	83	186261	47.020	ug/l	97
31) Cyclohexane	8.092	56	154861	43.719	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	161423	47.884	ug/l	97
36) 1,1-Dichloropropene	8.216	75	130316	44.887	ug/l	95
37) Ethyl Acetate	7.410	43	187653	48.671	ug/l	# 94
38) Carbon Tetrachloride	8.204	117	136343	43.848	ug/l	97
39) Methylcyclohexane	9.457	83	143313	44.136	ug/l	91
40) Benzene	8.457	78	399705	44.386	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	98424	50.462	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	158104	45.859	ug/l	96
43) Isopropyl Acetate	8.557	43	282472	46.715	ug/l #	94
44) Trichloroethene	9.216	130	91884	43.863	ug/l	89
45) 1,2-Dichloropropane	9.486	63	113765	46.753	ug/l	99
46) Dibromomethane	9.575	93	73483	48.206	ug/l	90
47) Bromodichloromethane	9.757	83	155184	48.519	ug/l	100
48) Methyl methacrylate	9.557	41	126960	49.851	ug/l	90
49) 1,4-Dioxane	9.563	88	33494	748.681	ug/l #	83
51) 4-Methyl-2-Pentanone	10.327	43	936596	257.461	ug/l	92
52) Toluene	10.504	92	249303	46.309	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	155885	48.484	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	172096	49.493	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	105601	46.783	ug/l	97
56) Ethyl methacrylate	10.757	69	172435	43.922	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	190028	47.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	218524	208.625	ug/l	92
59) 2-Hexanone	11.080	43	652181	254.456	ug/l	90
60) Dibromochloromethane	11.233	129	110190	47.739	ug/l	100
61) 1,2-Dibromoethane	11.339	107	104126	46.905	ug/l	100
64) Tetrachloroethene	10.974	164	75341	45.095	ug/l	93
65) Chlorobenzene	11.769	112	261315	46.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	99892	47.272	ug/l	99
67) Ethyl Benzene	11.839	91	478985	48.976	ug/l	99
68) m/p-Xylenes	11.951	106	355022	97.755	ug/l	94
69) o-Xylene	12.274	106	177873	50.521	ug/l	95
70) Styrene	12.292	104	286741	51.705	ug/l	98
71) Bromoform	12.451	173	76123	48.436	ug/l #	97
73) Isopropylbenzene	12.574	105	465555	45.272	ug/l	98
74) N-amyl acetate	12.386	43	188119	48.829	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	165065	48.072	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	198666	69.109	ug/l	50
77) Bromobenzene	12.857	156	102120	41.993	ug/l	83
78) n-propylbenzene	12.916	91	518088	45.732	ug/l	97
79) 2-Chlorotoluene	13.004	91	320623	43.088	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	381872	44.590	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	46591	46.268	ug/l	94
82) 4-Chlorotoluene	13.098	91	299231	43.199	ug/l	96
83) tert-Butylbenzene	13.321	119	338743	45.050	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	376676	45.459	ug/l	97
85) sec-Butylbenzene	13.498	105	457028	46.620	ug/l	98
86) p-Isopropyltoluene	13.610	119	365057	47.765	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	180298	45.809	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	170510	44.548	ug/l	98
89) n-Butylbenzene	13.939	91	283335	48.400	ug/l	97
90) Hexachloroethane	14.204	117	70148	42.281	ug/l	83
91) 1,2-Dichlorobenzene	13.980	146	178992	46.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30653	43.099	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	71210	40.206	ug/l	98
94) Hexachlorobutadiene	15.362	225	40312	38.779	ug/l	99
95) Naphthalene	15.504	128	237150	40.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	75936	42.888	ug/l	98

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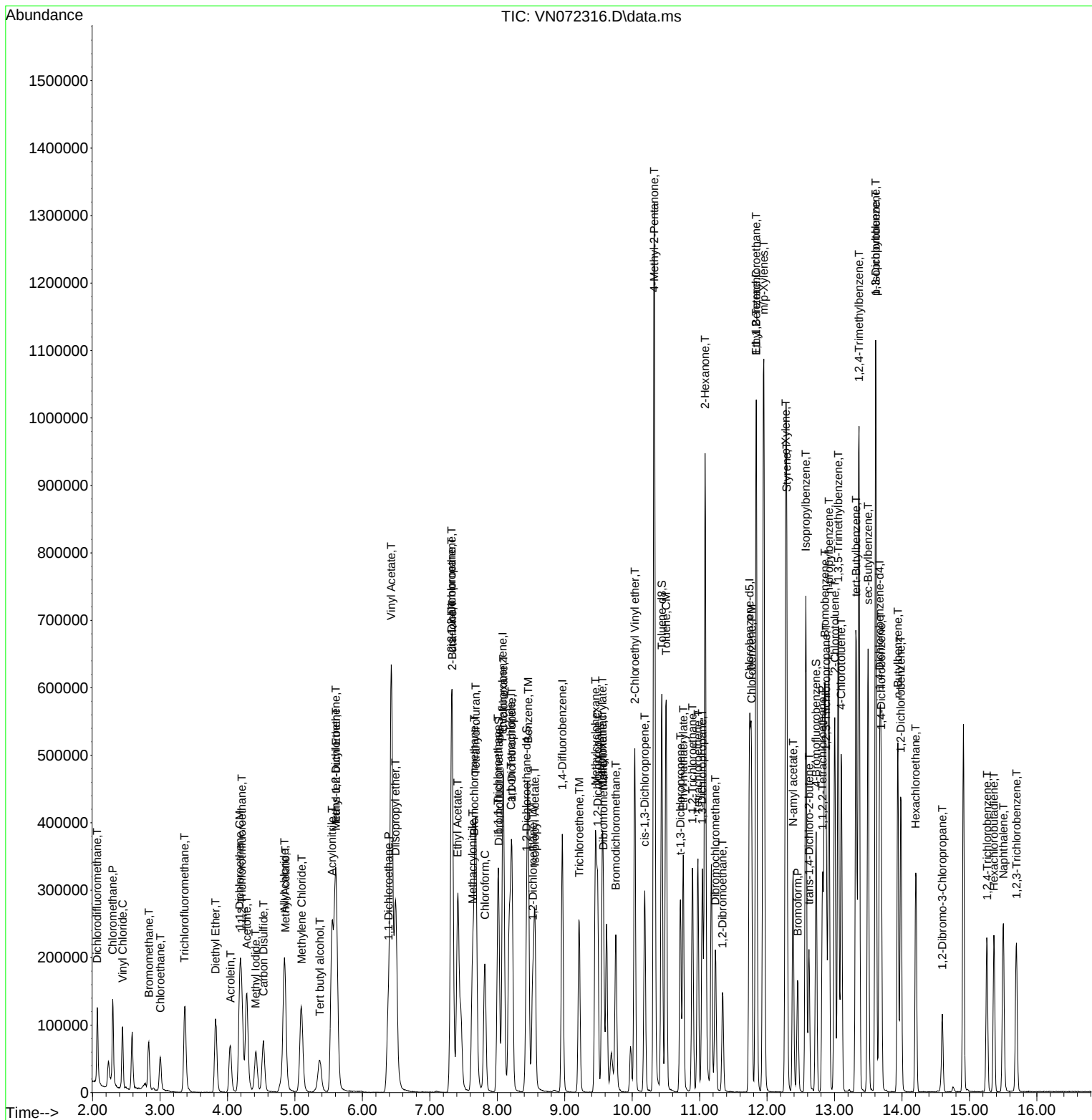
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

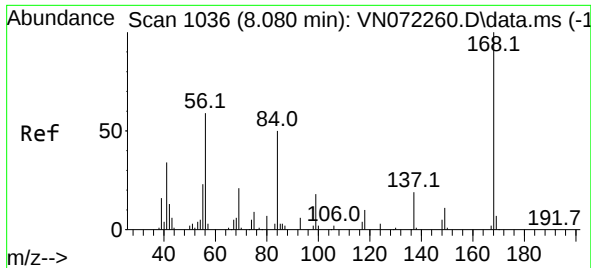
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QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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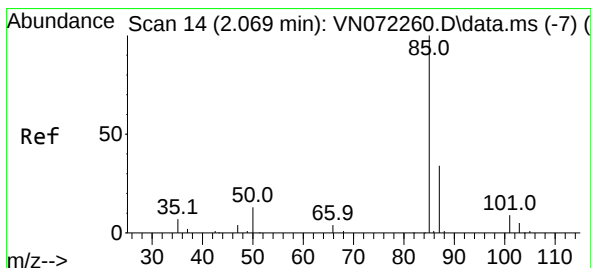
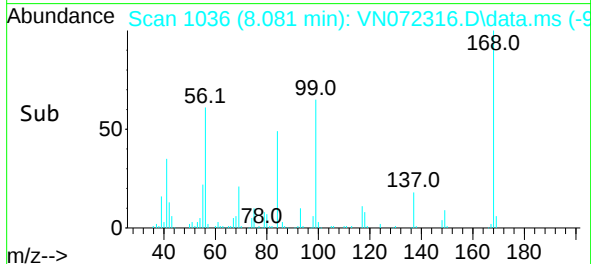
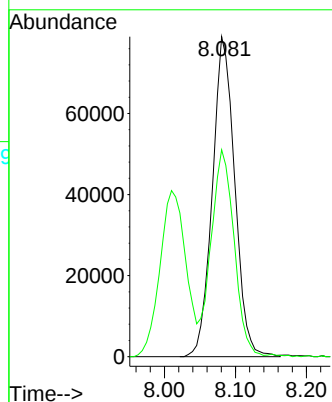
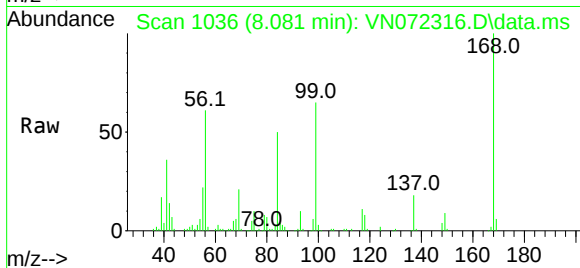




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072316.D
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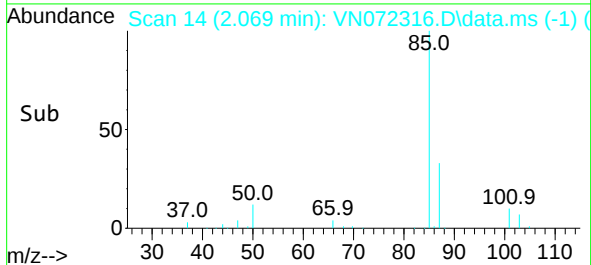
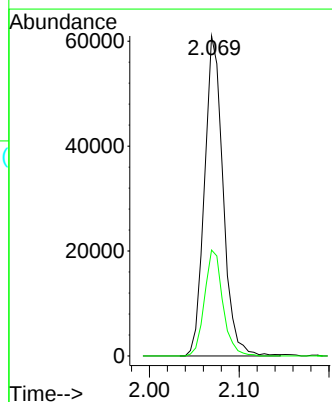
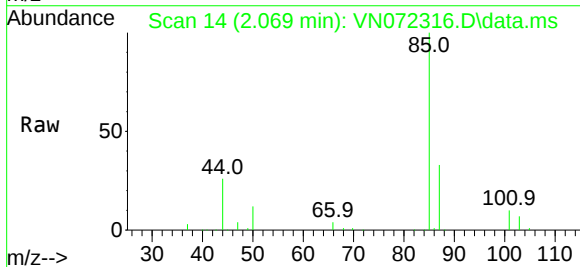
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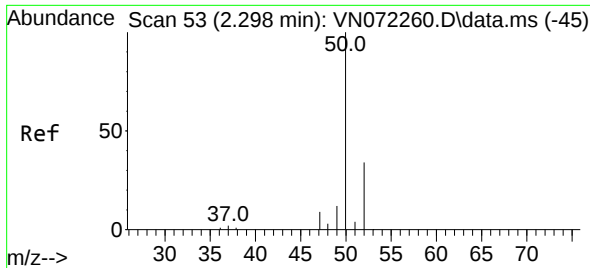
Tgt Ion:168 Resp: 172680
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 45.320 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 85 Resp: 87746
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1

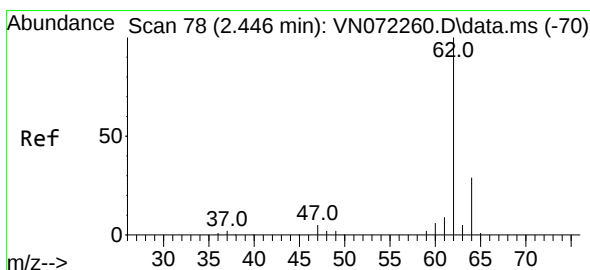
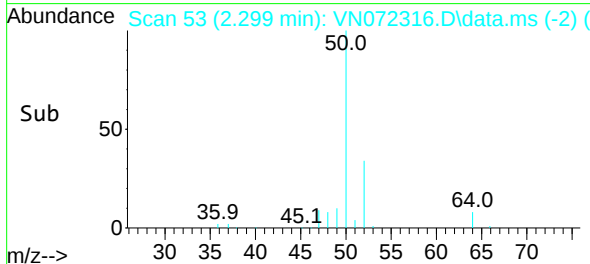
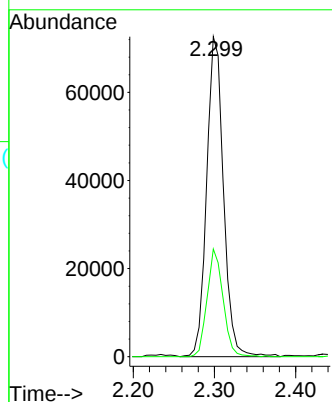
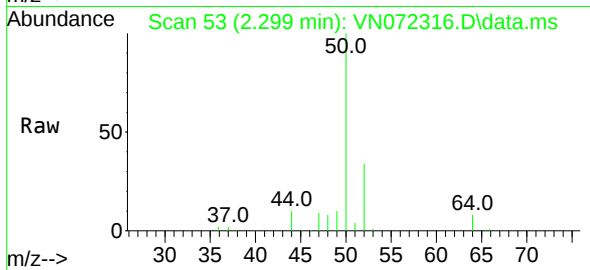




#3
Chloromethane
Concen: 48.036 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

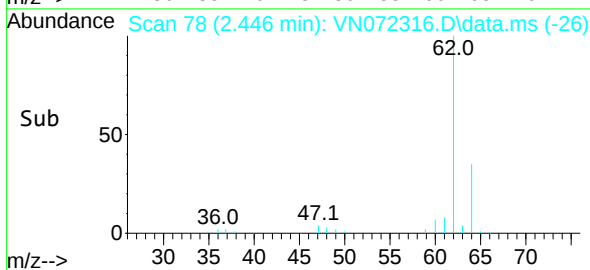
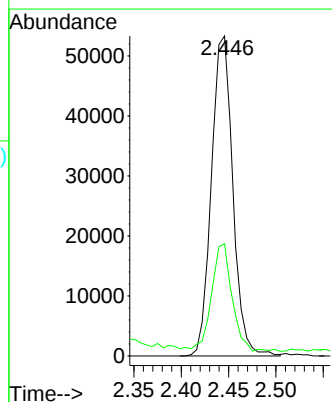
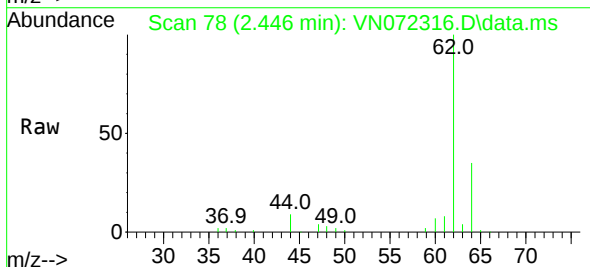
Instrument :
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ClientSampleId :
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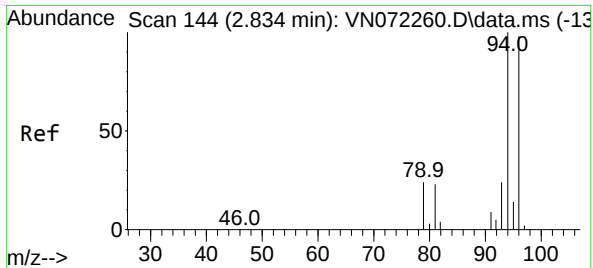
Tgt Ion: 50 Resp: 104396
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5



#4
Vinyl Chloride
Concen: 43.115 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 62 Resp: 83811
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.4

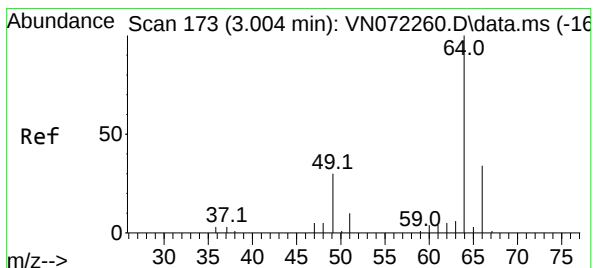
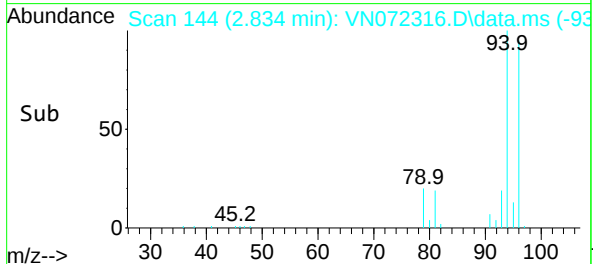
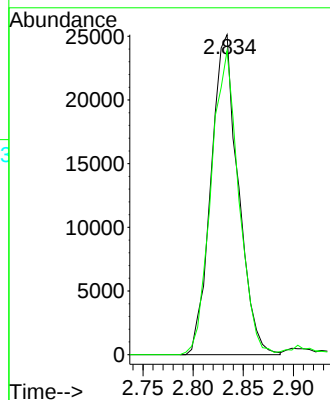
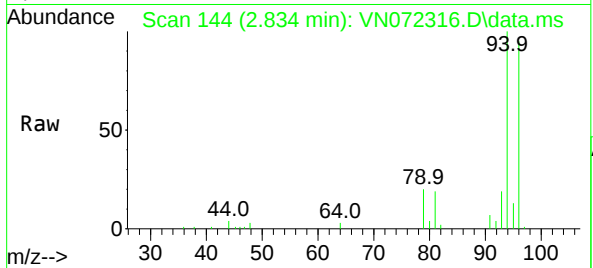




#5
Bromomethane
Concen: 51.179 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

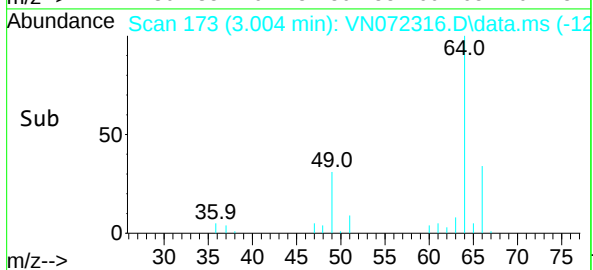
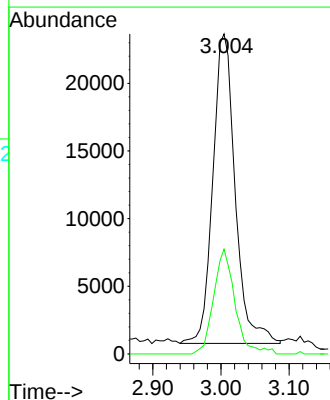
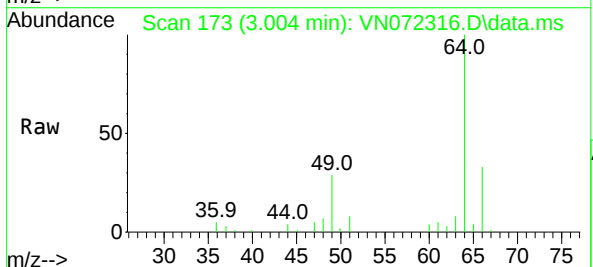
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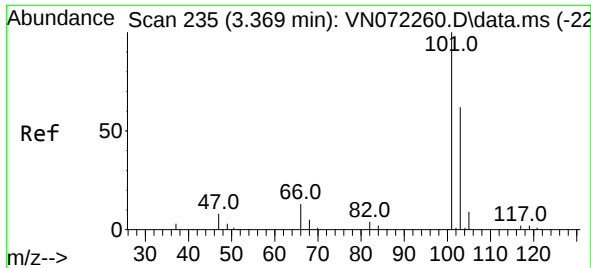
Tgt Ion: 94 Resp: 47574
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0



#6
Chloroethane
Concen: 47.509 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 64 Resp: 52292
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4

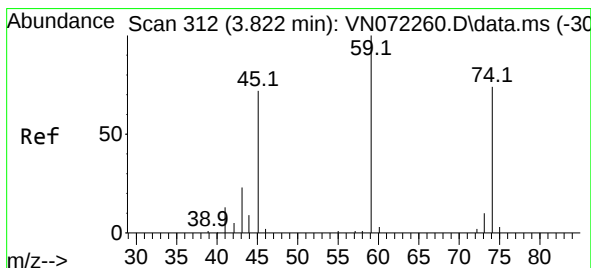
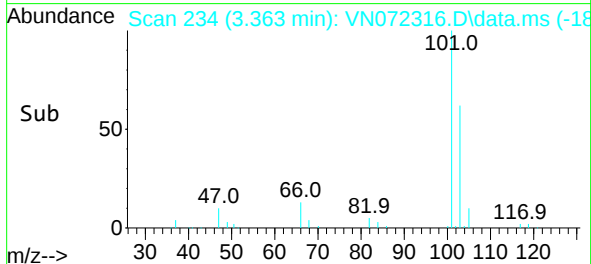
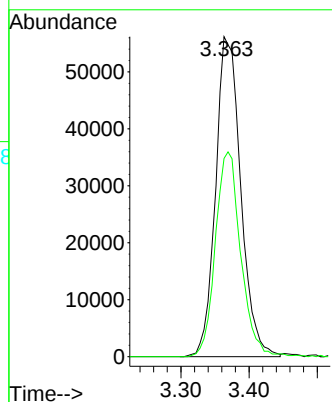
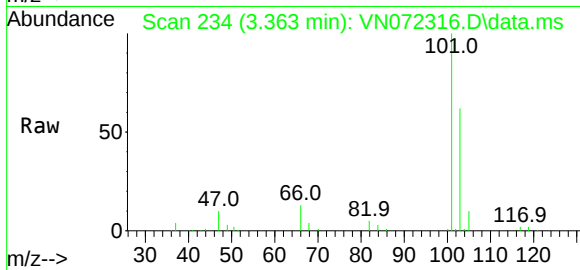




#7
 Trichlorofluoromethane
 Concen: 42.533 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

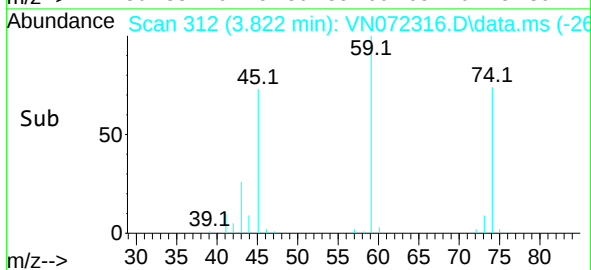
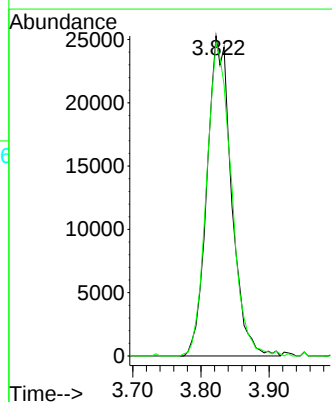
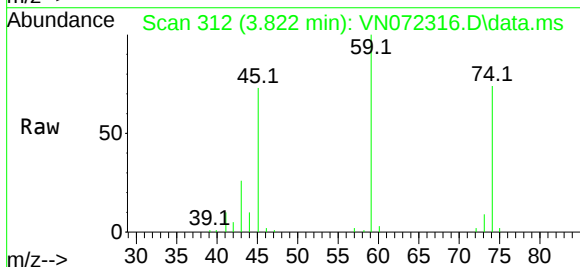
Instrument :
 MSVOA_N
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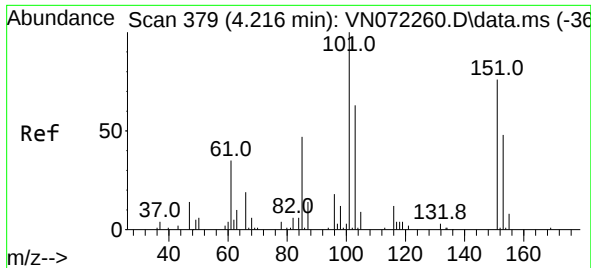
Tgt Ion:101 Resp: 144445
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.194 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion: 74 Resp: 62955
 Ion Ratio Lower Upper
 74 100
 45 99.8 42.9 128.5

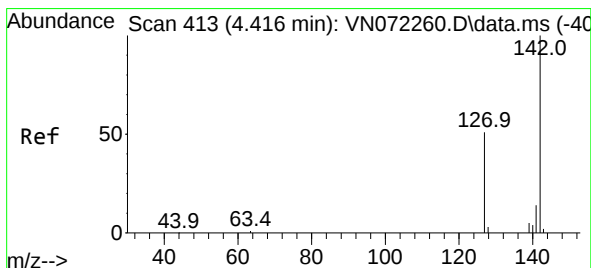
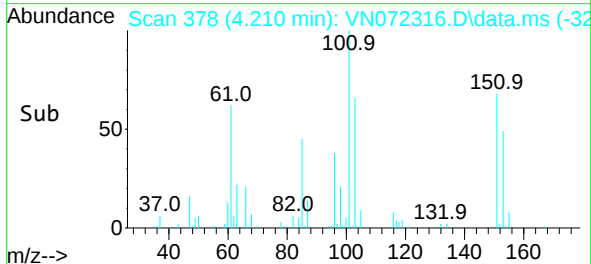
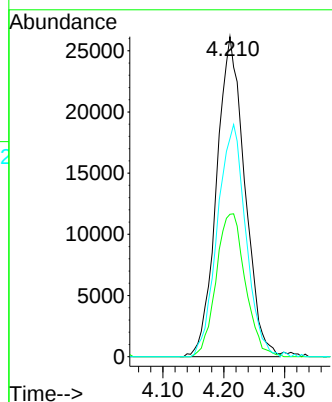
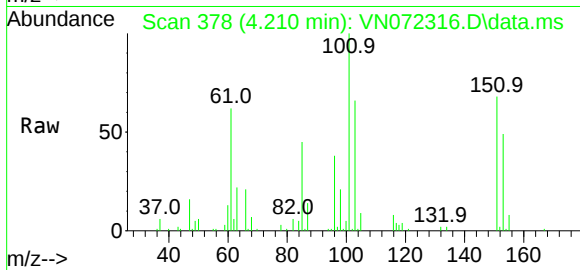




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.115 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

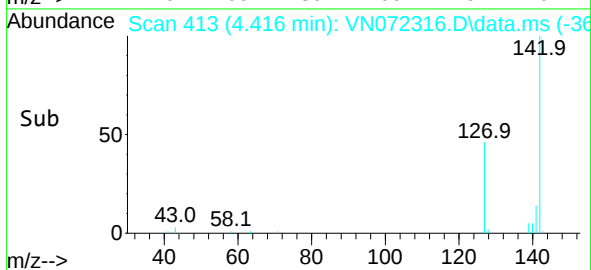
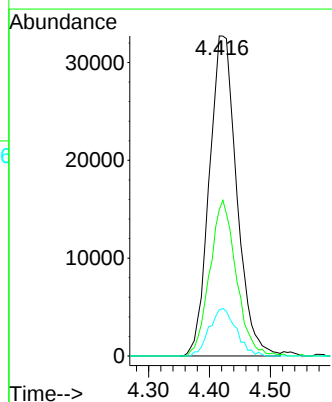
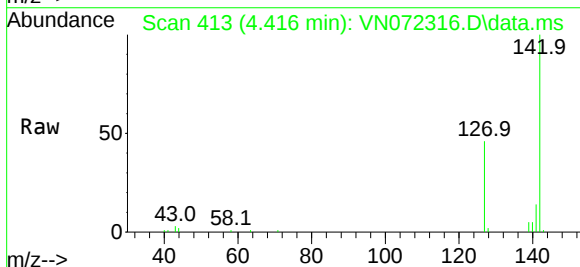
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

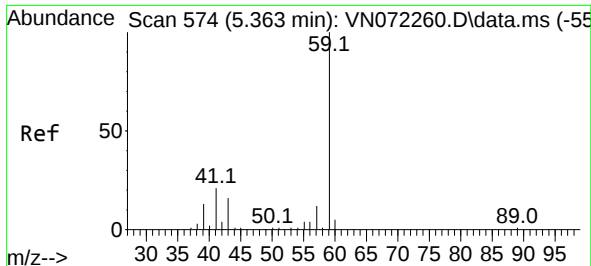
Tgt Ion:101 Resp: 84048
Ion Ratio Lower Upper
101 100
85 46.2 34.7 52.1
151 73.2 63.0 94.4



#10
Methyl Iodide
Concen: 47.356 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:142 Resp: 102543
Ion Ratio Lower Upper
142 100
127 46.9 31.3 46.9
141 14.5 11.2 16.8

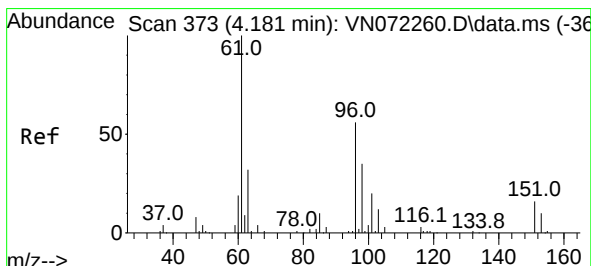
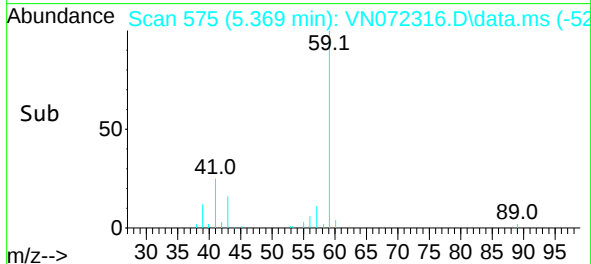
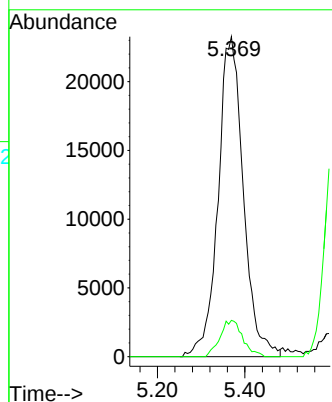
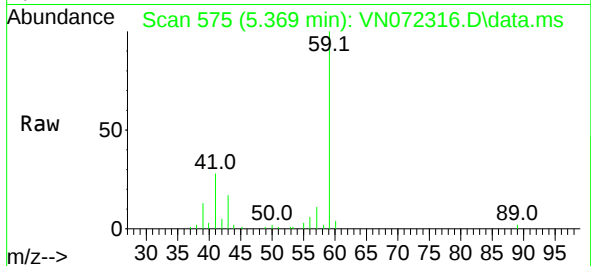




#11
Tert butyl alcohol
Concen: 213.907 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

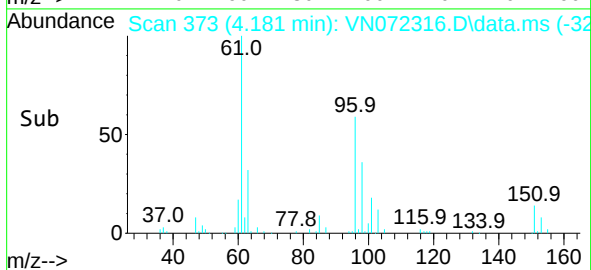
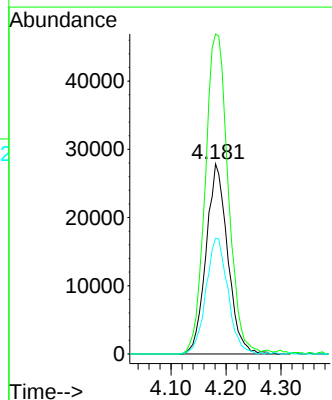
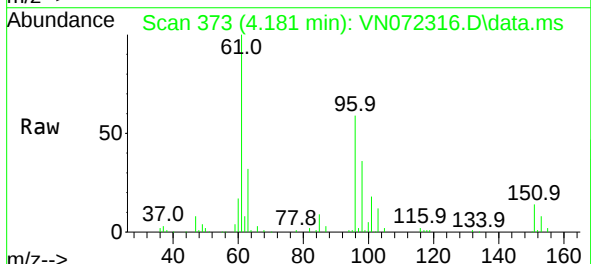
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

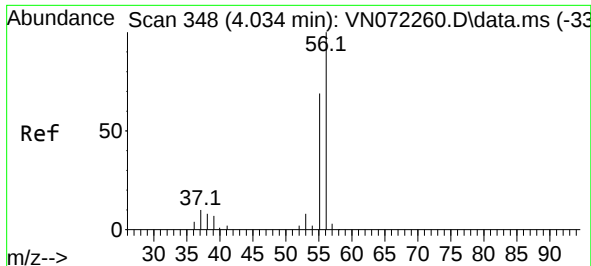
Tgt Ion: 59 Resp: 93190
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.062 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 96 Resp: 75967
Ion Ratio Lower Upper
96 100
61 168.3 127.6 191.4
98 61.0 51.2 76.8





#13

Acrolein

Concen: 199.074 ug/l

RT: 4.046 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

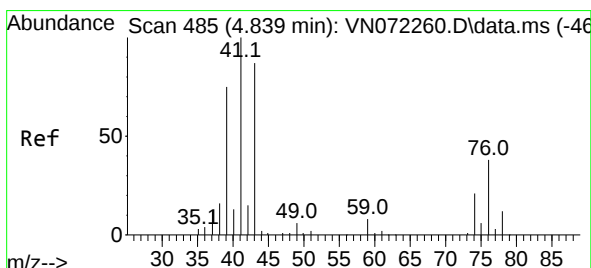
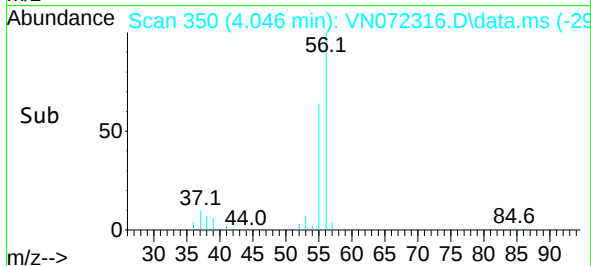
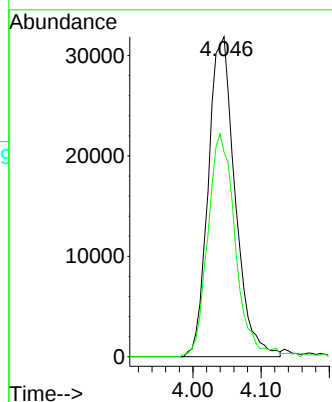
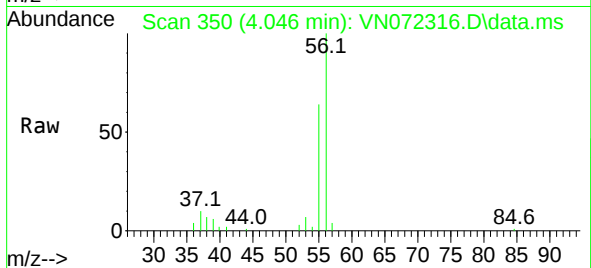
VSTDCCC050EC

Tgt Ion: 56 Resp: 87279

Ion Ratio Lower Upper

56 100

55 71.1 54.8 82.2



#14

Allyl chloride

Concen: 49.706 ug/l

RT: 4.845 min Scan# 486

Delta R.T. 0.005 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

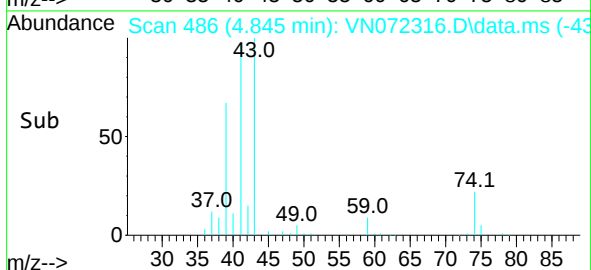
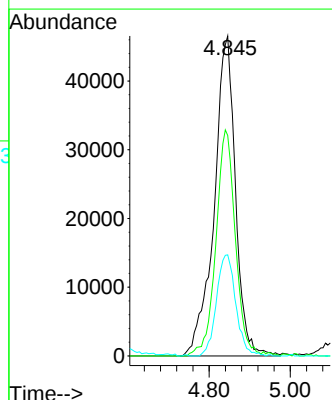
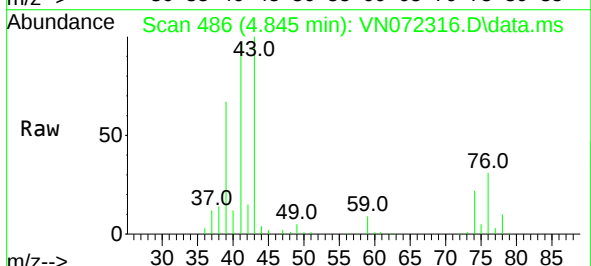
Tgt Ion: 41 Resp: 170207

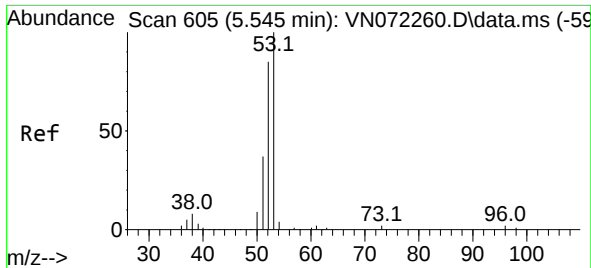
Ion Ratio Lower Upper

41 100

39 64.1 53.2 79.8

76 28.6 29.9 44.9#

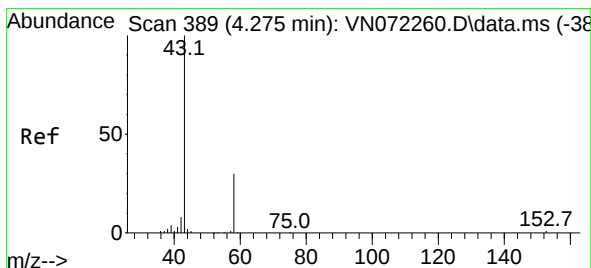
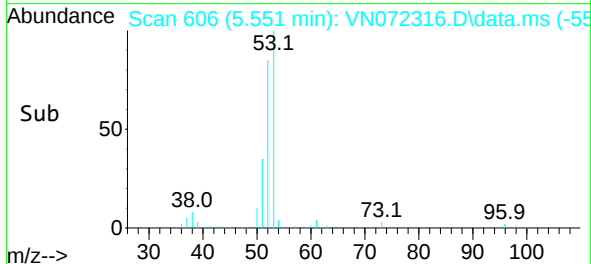
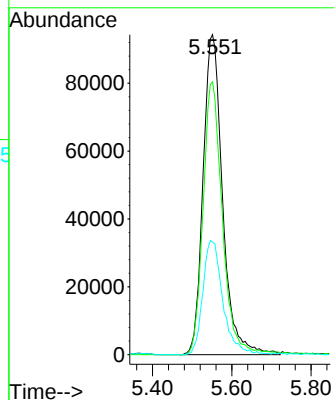
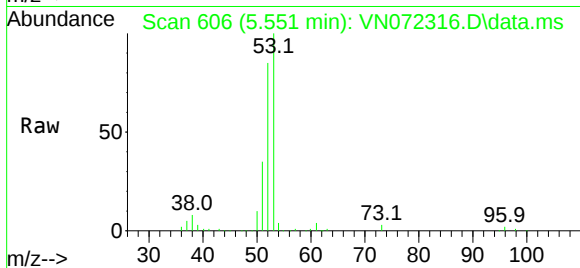




#15
Acrylonitrile
Concen: 244.986 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

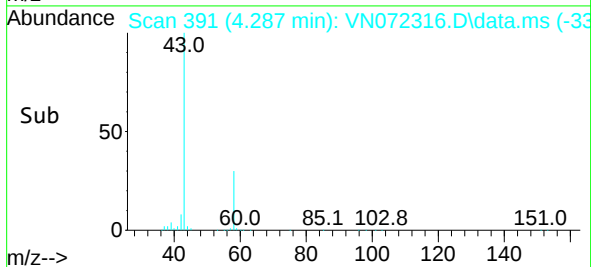
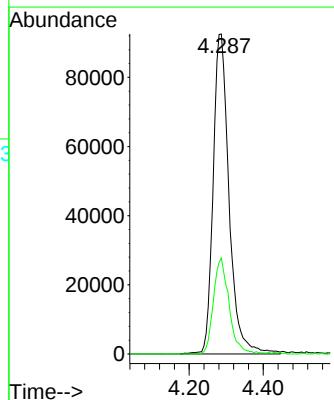
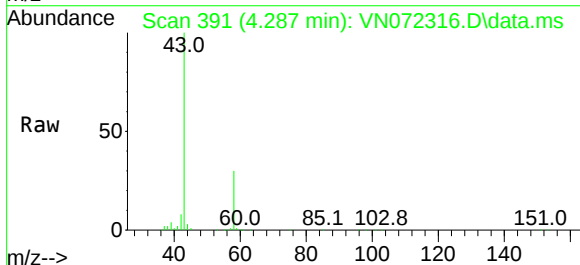
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

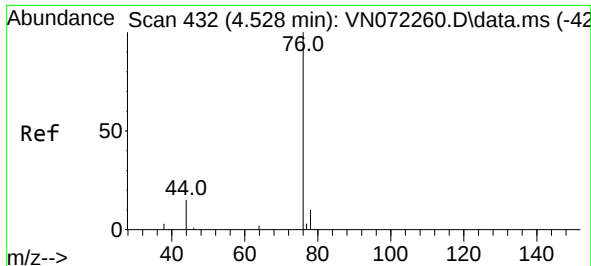
Tgt Ion: 53 Resp: 322074
Ion Ratio Lower Upper
53 100
52 84.4 66.4 99.6
51 36.3 28.5 42.7



#16
Acetone
Concen: 241.500 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 43 Resp: 276026
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0





#17

Carbon Disulfide

Concen: 42.111 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

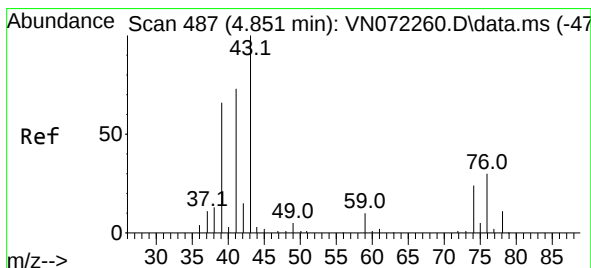
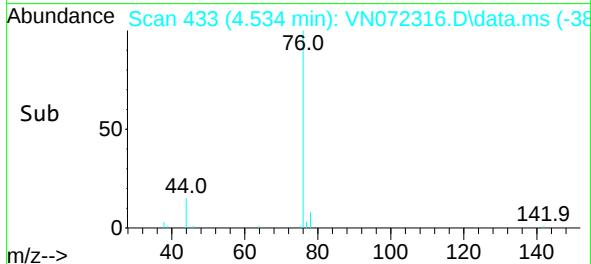
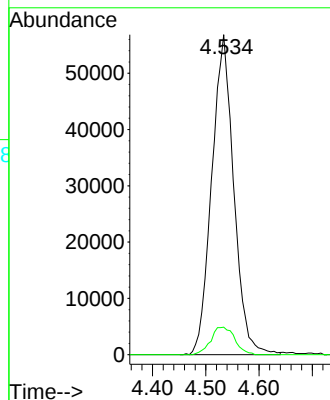
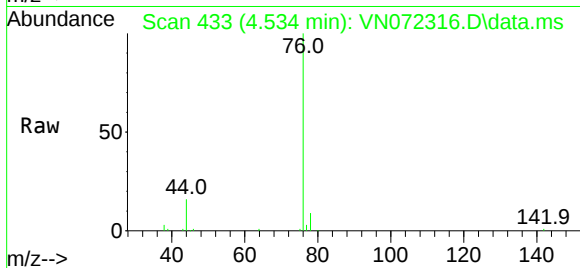
VSTDCCC050EC

Tgt Ion: 76 Resp: 163182

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 51.277 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072316.D

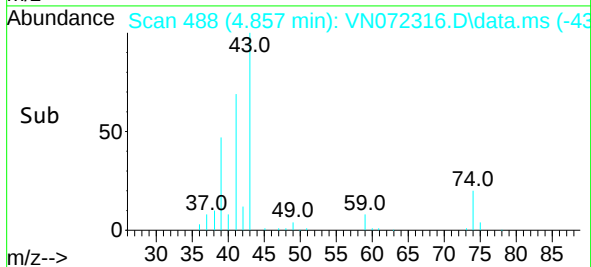
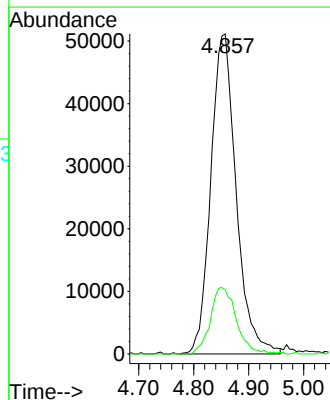
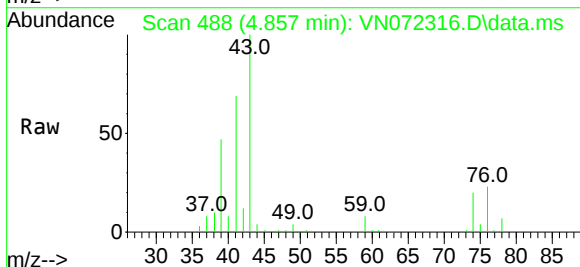
Acq: 03 May 2022 20:09

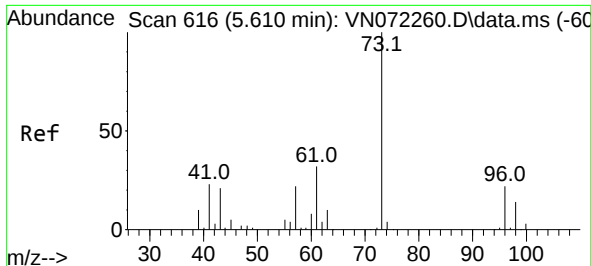
Tgt Ion: 43 Resp: 163838

Ion Ratio Lower Upper

43 100

74 21.4 21.6 32.4#

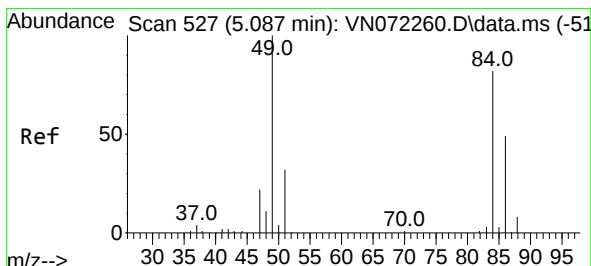
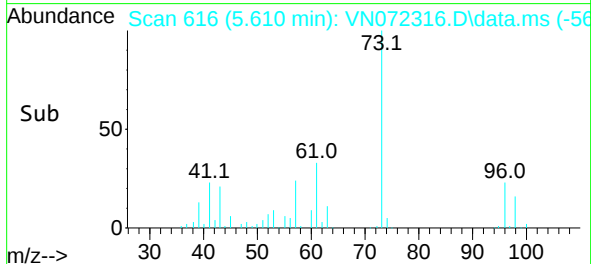
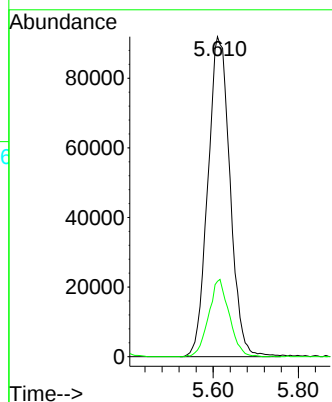
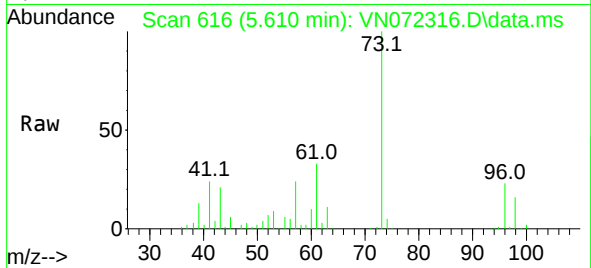




#19
Methyl tert-butyl Ether
Concen: 51.366 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

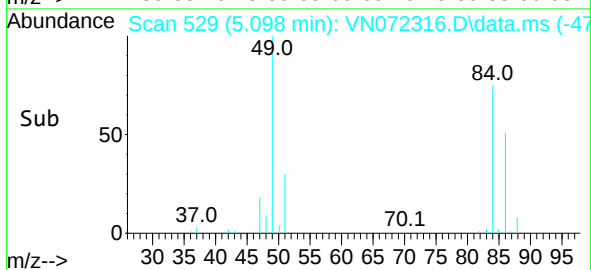
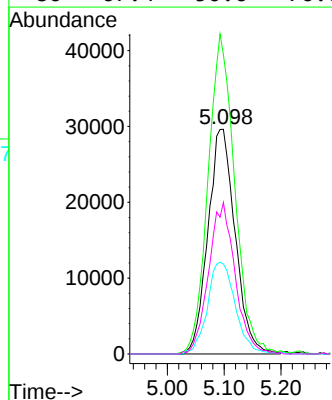
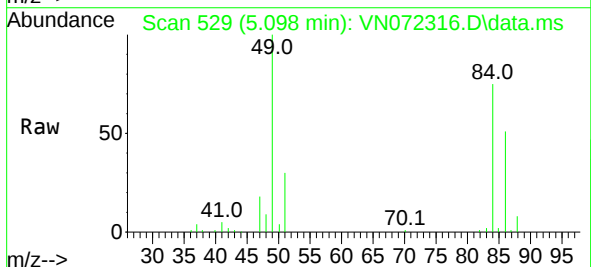
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

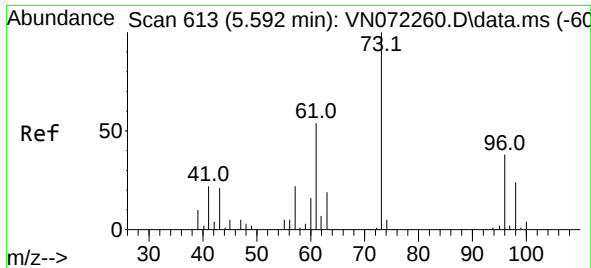
Tgt Ion: 73 Resp: 332069
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4



#20
Methylene Chloride
Concen: 44.957 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 84 Resp: 98496
Ion Ratio Lower Upper
84 100
49 132.6 88.3 132.5#
51 40.0 28.2 42.2
86 67.4 50.6 76.0

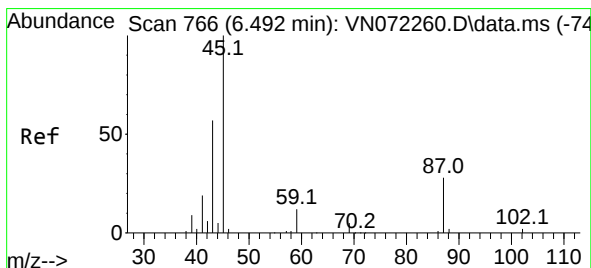
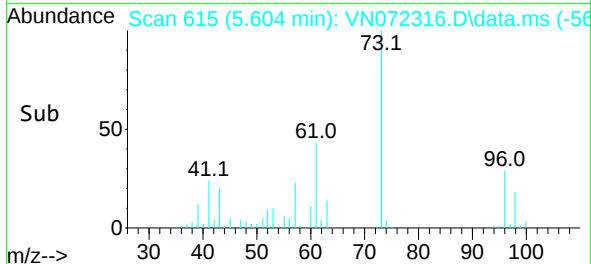
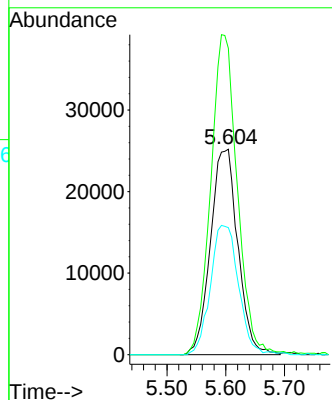
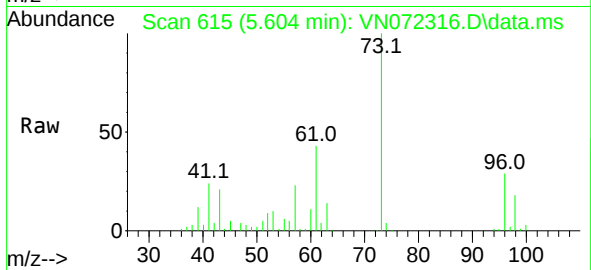




#21
trans-1,2-Dichloroethene
Concen: 44.803 ug/l
RT: 5.604 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

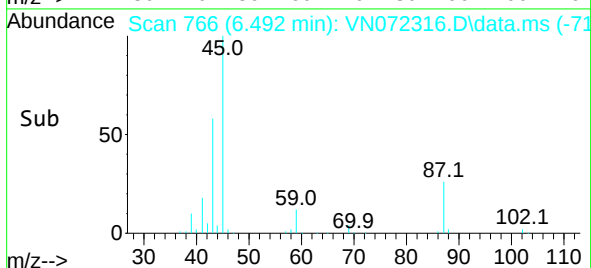
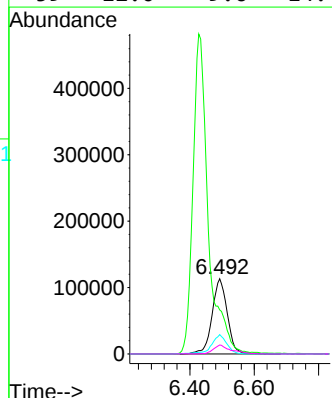
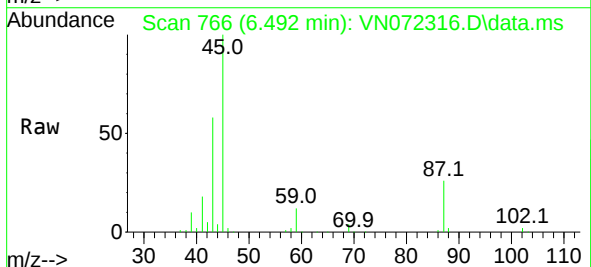
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

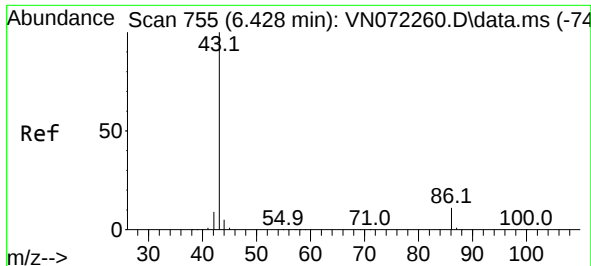
Tgt Ion: 96 Resp: 81479
Ion Ratio Lower Upper
96 100
61 149.2 105.8 158.8
98 61.9 50.3 75.5



#22
Diisopropyl ether
Concen: 52.653 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 45 Resp: 371380
Ion Ratio Lower Upper
45 100
43 57.4 46.6 70.0
87 25.8 24.3 36.5
59 12.0 9.6 14.4

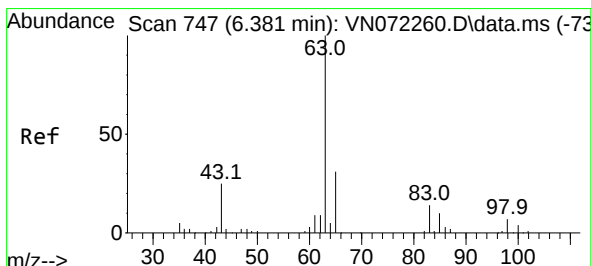
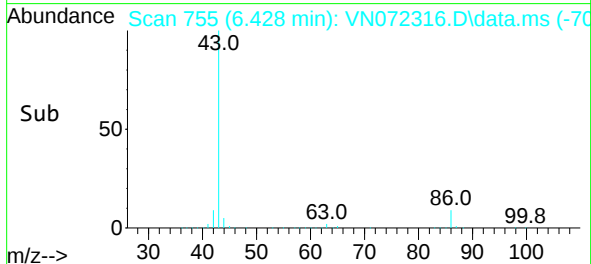
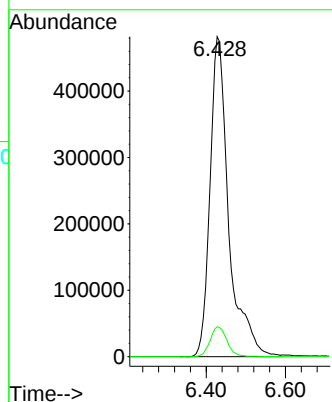
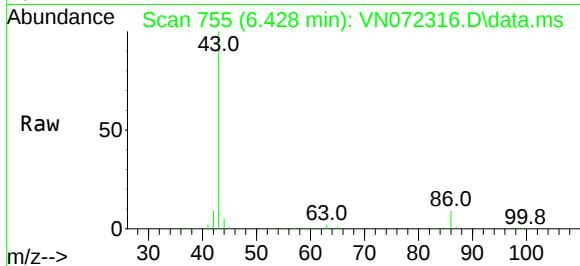




#23
 Vinyl Acetate
 Concen: 266.598 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

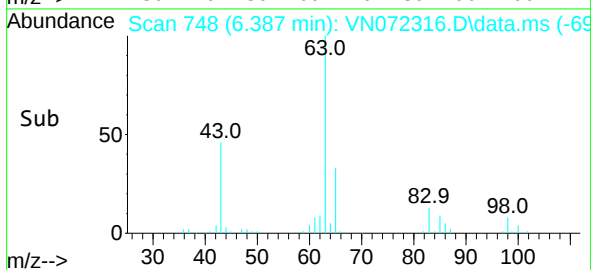
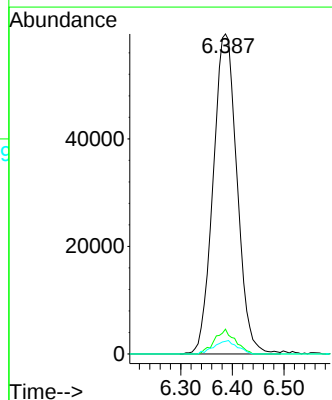
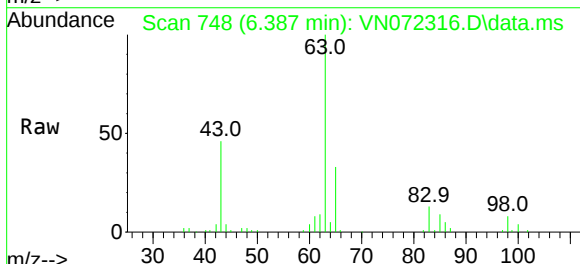
Instrument :
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 VSTDCCC050EC

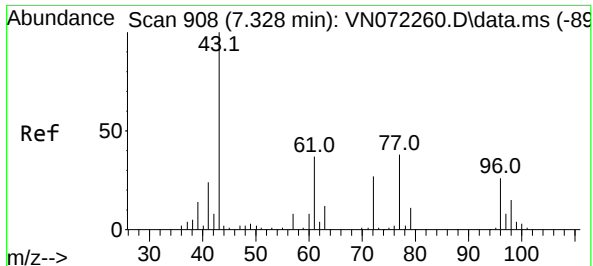
Tgt Ion: 43 Resp: 1579261
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 48.399 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion: 63 Resp: 190949
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.0 2.3 6.8

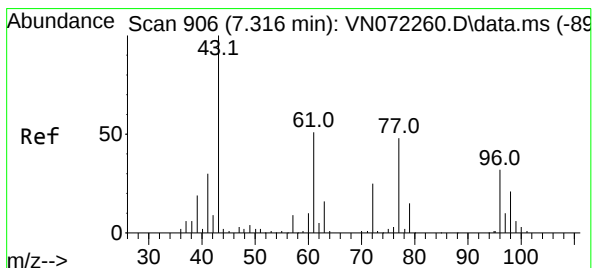
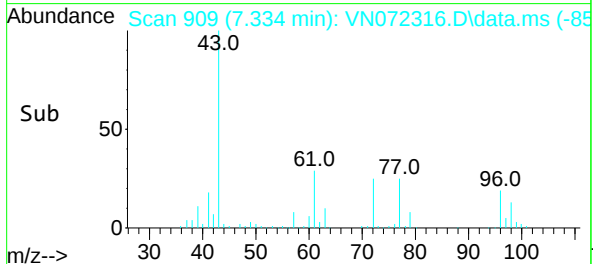
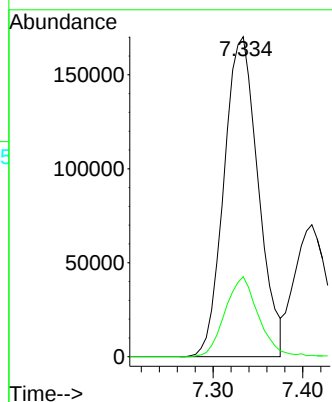
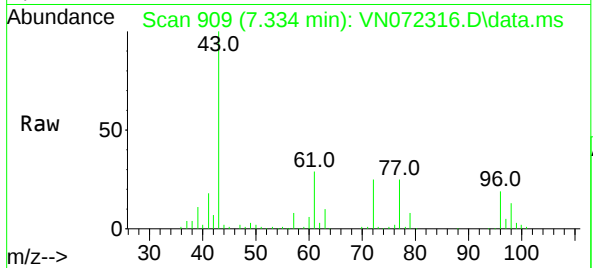




#25
2-Butanone
Concen: 247.801 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

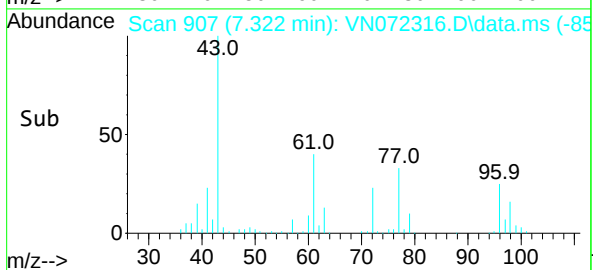
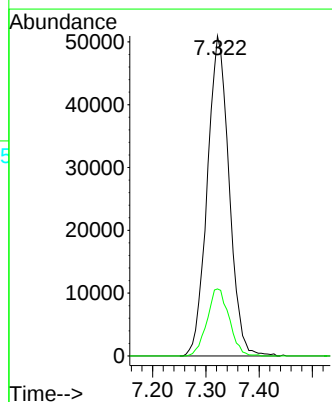
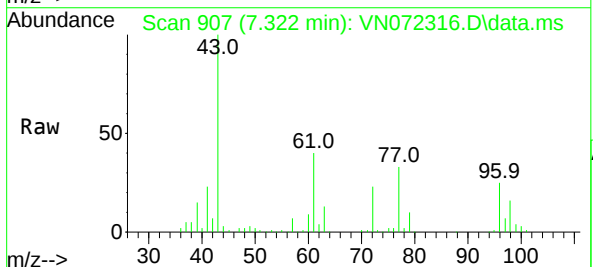
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

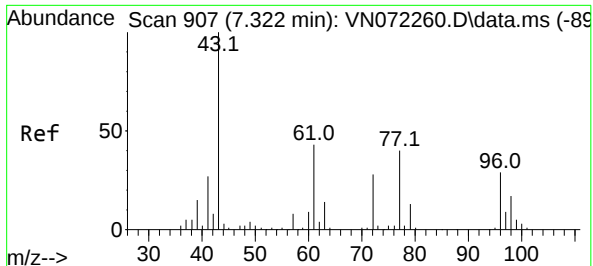
Tgt Ion: 43 Resp: 451060
Ion Ratio Lower Upper
43 100
72 25.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 46.943 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 77 Resp: 144674
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.931 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

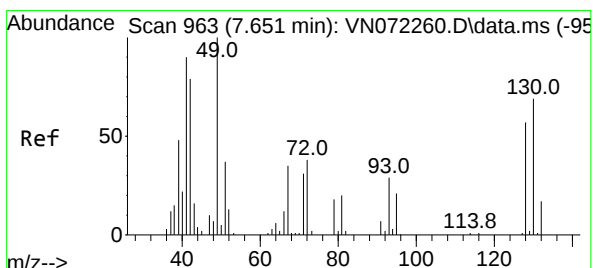
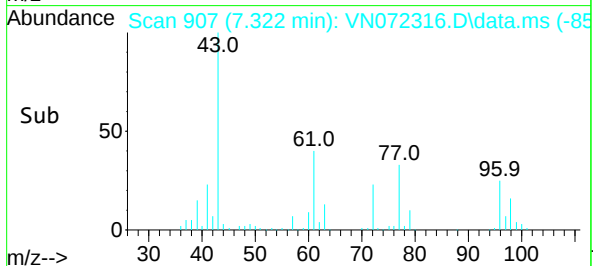
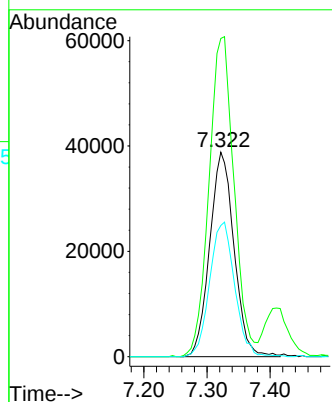
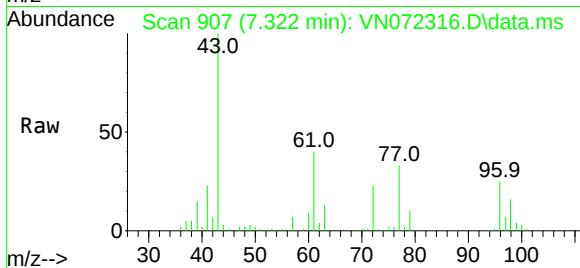
Tgt Ion: 96 Resp: 104049

Ion Ratio Lower Upper

96 100

61 160.9 0.0 280.6

98 67.7 0.0 128.4



#28

Bromochloromethane

Concen: 52.393 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

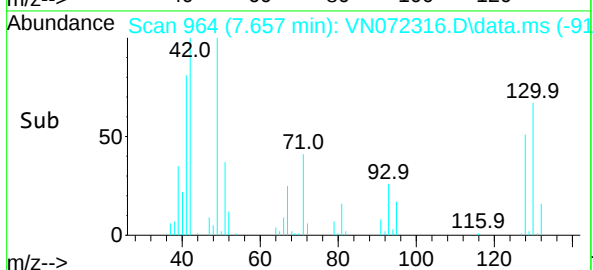
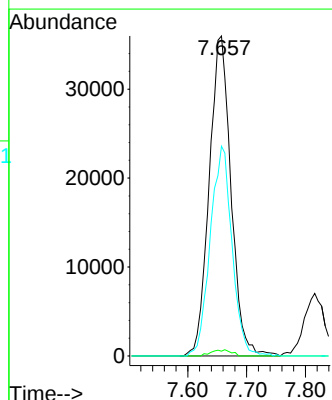
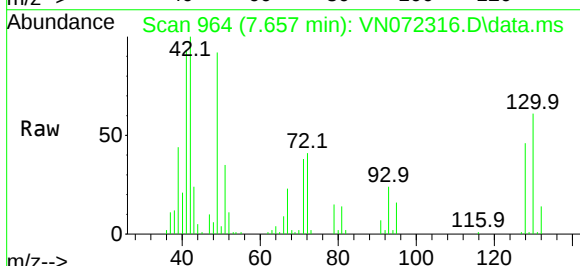
Tgt Ion: 49 Resp: 92559

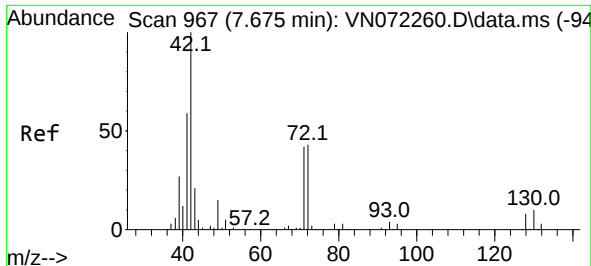
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 65.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 252.848 ug/l

RT: 7.681 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

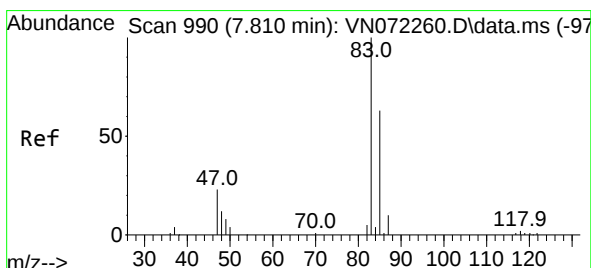
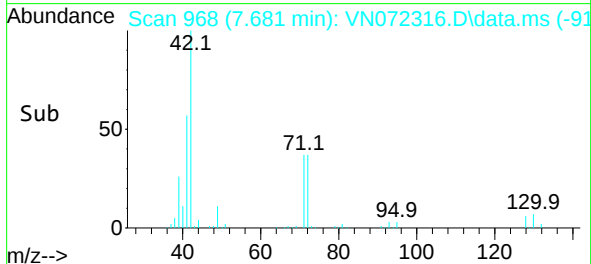
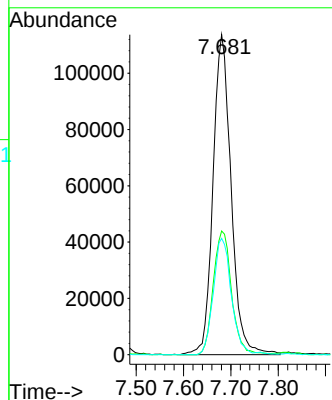
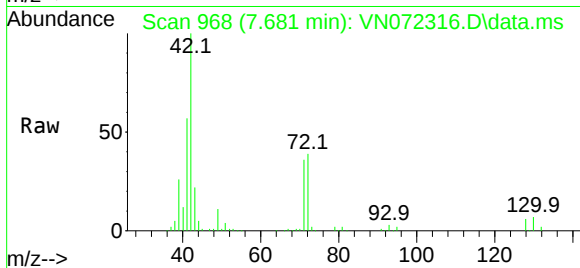
Tgt Ion: 42 Resp: 302045

Ion Ratio Lower Upper

42 100

72 39.0 39.7 59.5#

71 36.1 36.6 55.0#



#30

Chloroform

Concen: 47.020 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072316.D

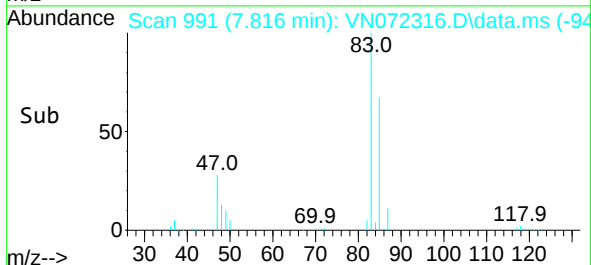
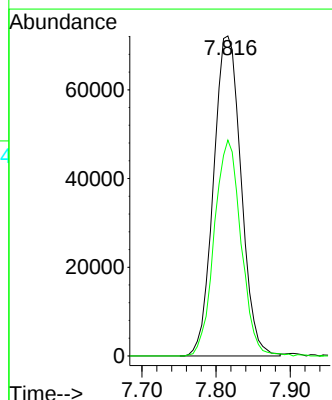
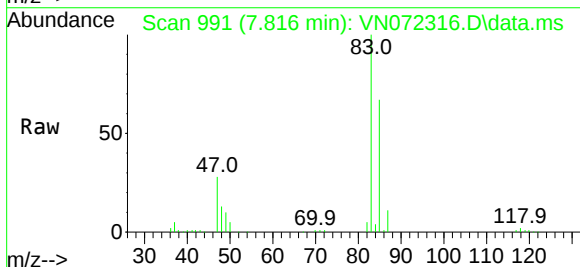
Acq: 03 May 2022 20:09

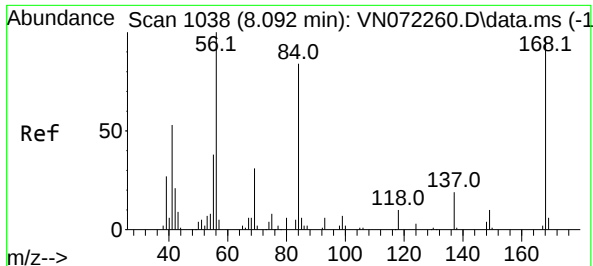
Tgt Ion: 83 Resp: 186261

Ion Ratio Lower Upper

83 100

85 67.5 51.8 77.8





#31

Cyclohexane

Concen: 43.719 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

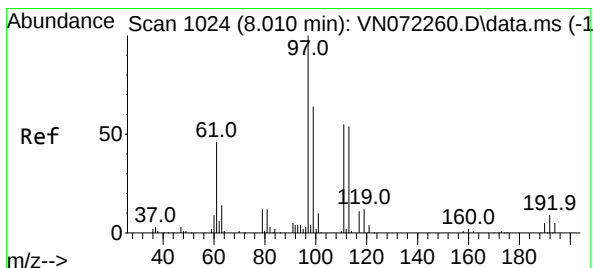
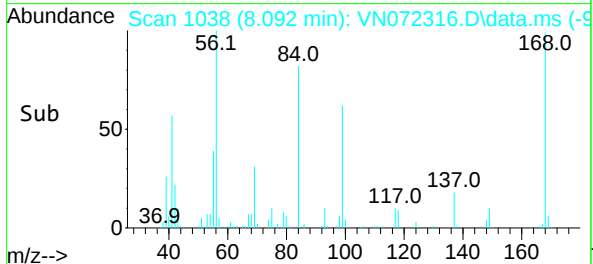
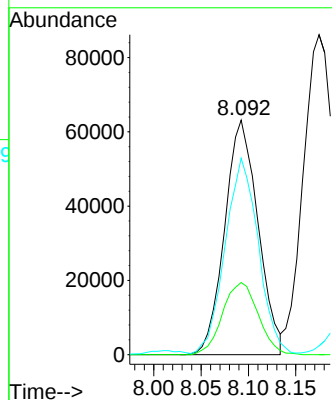
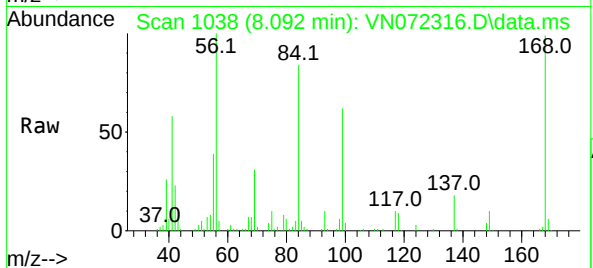
Tgt Ion: 56 Resp: 154861

Ion Ratio Lower Upper

56 100

69 30.8 27.8 41.8

84 82.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 47.884 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

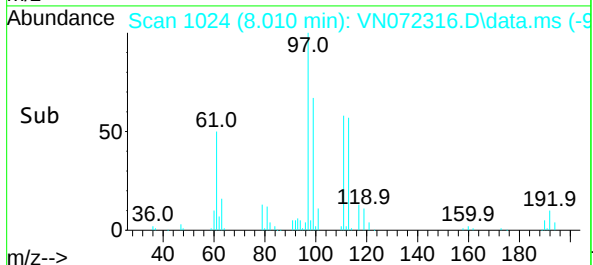
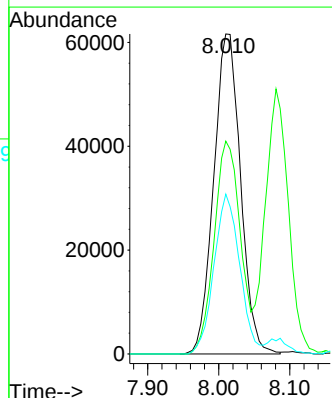
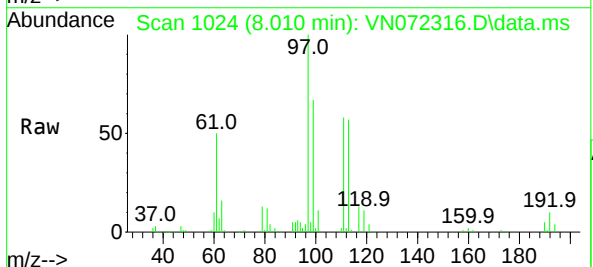
Tgt Ion: 97 Resp: 161423

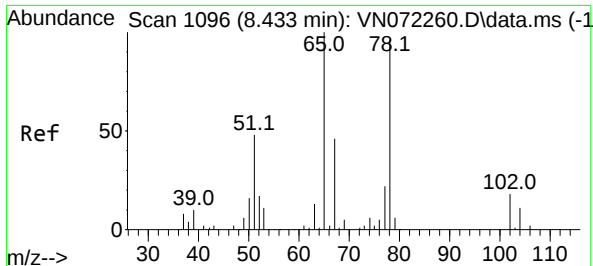
Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 48.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.252 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

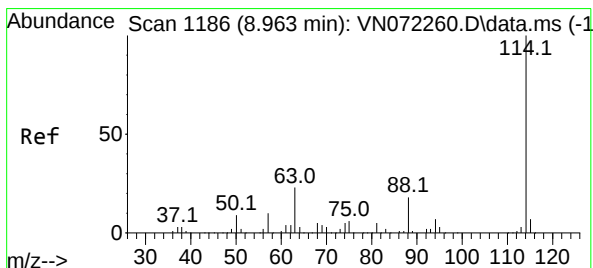
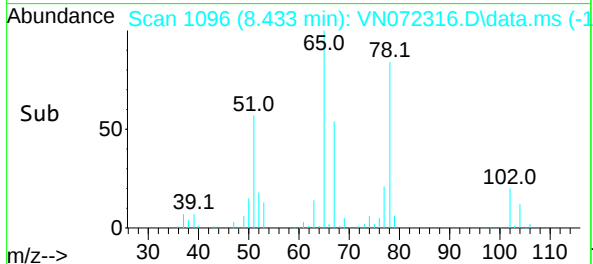
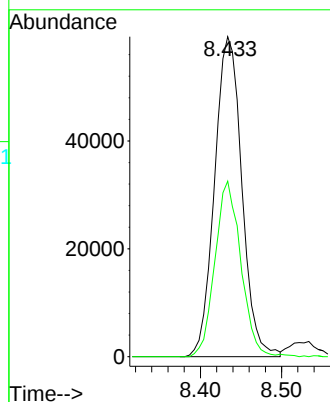
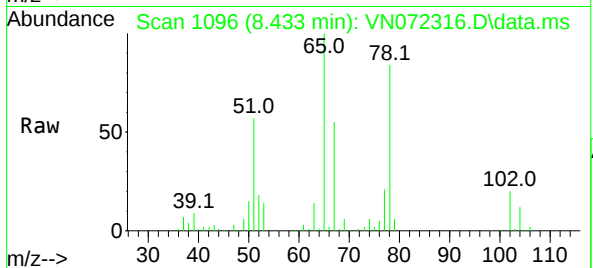
VSTDCCC050EC

Tgt Ion: 65 Resp: 138520

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

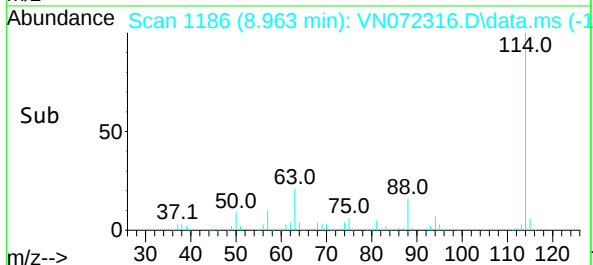
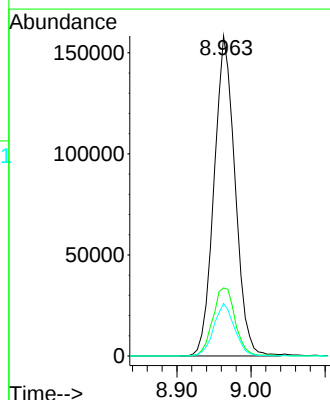
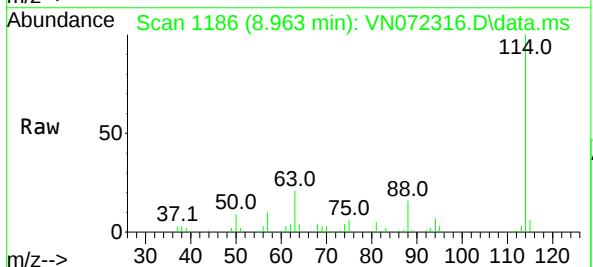
Tgt Ion: 114 Resp: 311623

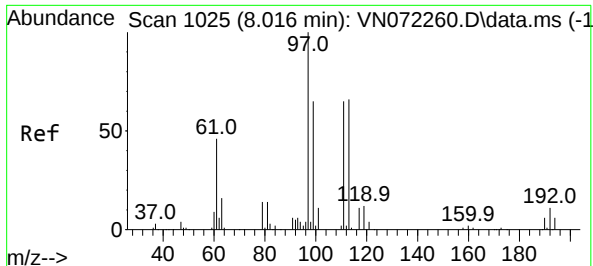
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.013 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

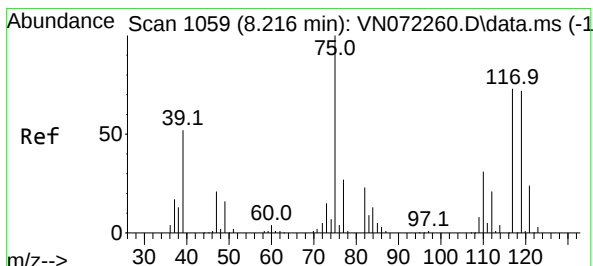
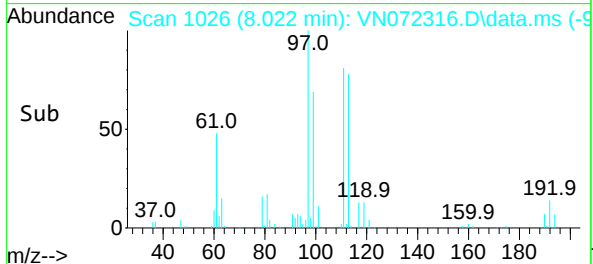
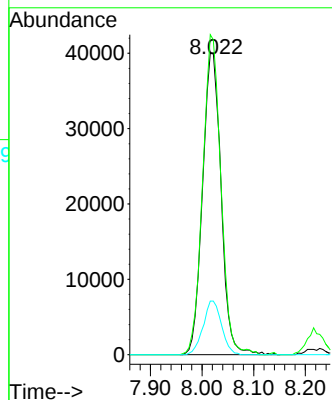
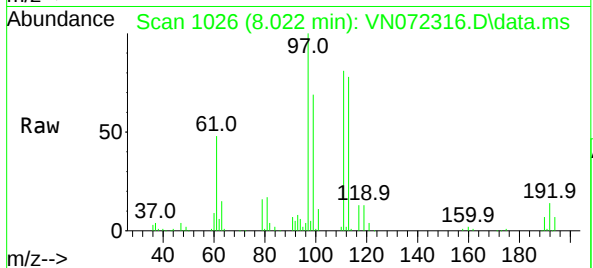
Tgt Ion:113 Resp: 99754

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 44.887 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

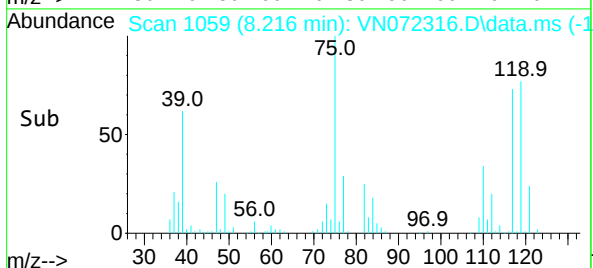
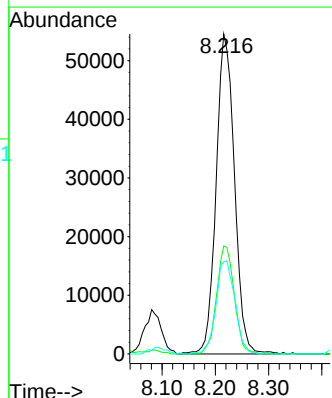
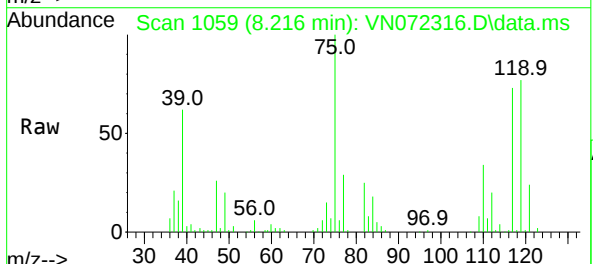
Tgt Ion: 75 Resp: 130316

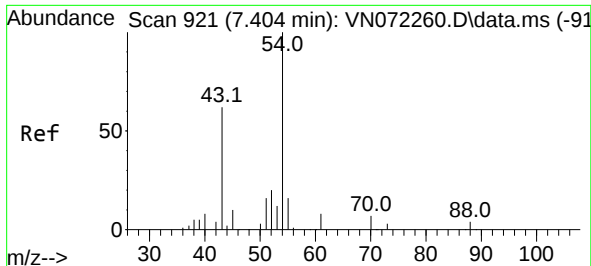
Ion Ratio Lower Upper

75 100

110 32.5 18.3 54.8

77 30.3 25.1 37.7

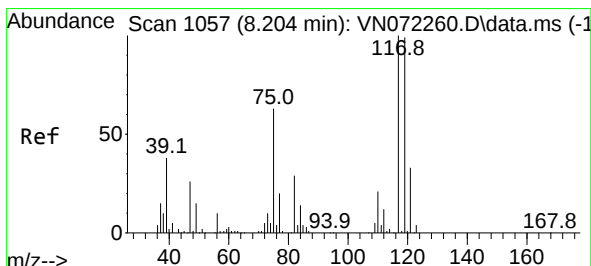
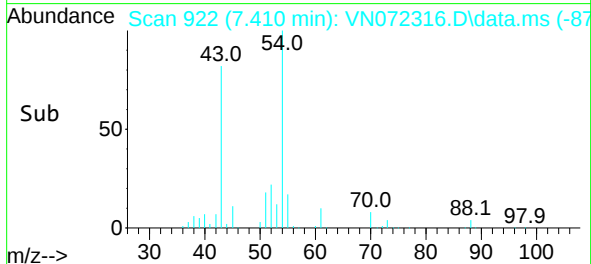
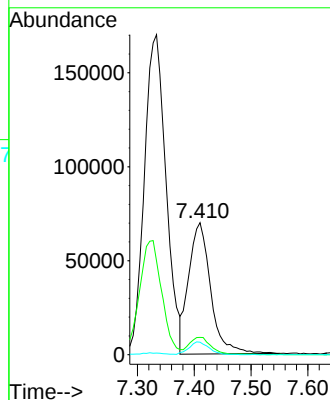
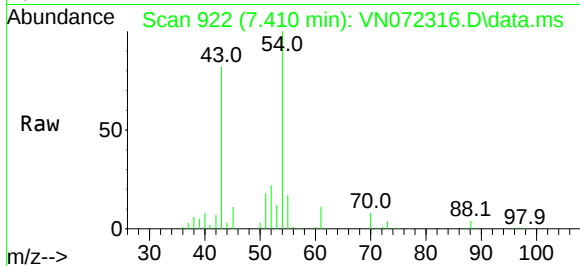




#37
Ethyl Acetate
Concen: 48.671 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

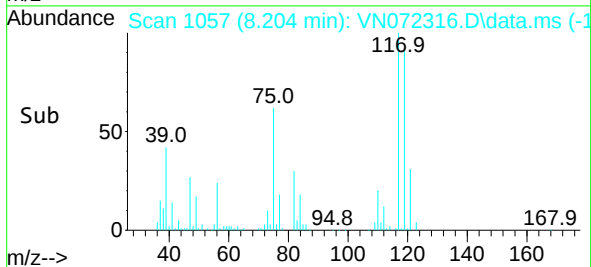
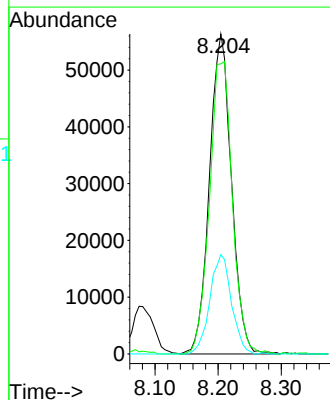
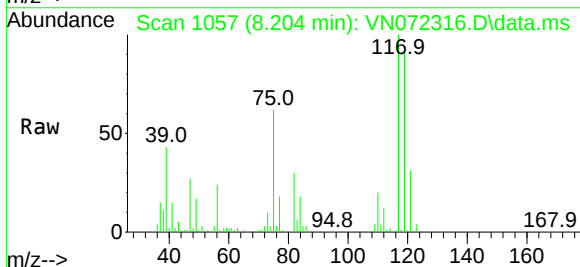
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

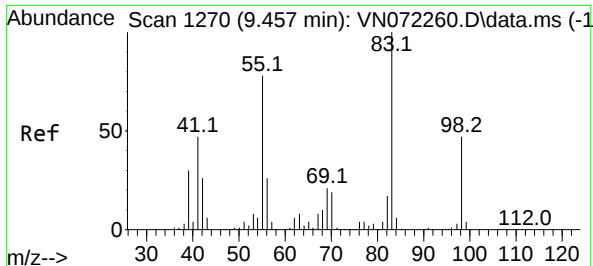
Tgt Ion: 43 Resp: 187653
Ion Ratio Lower Upper
43 100
61 12.2 11.8 17.6
70 8.9 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 43.848 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 117 Resp: 136343
Ion Ratio Lower Upper
117 100
119 90.7 75.8 113.8
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 44.136 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

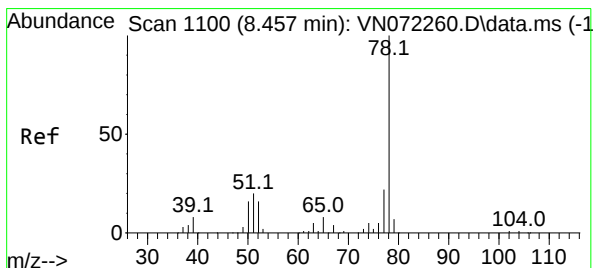
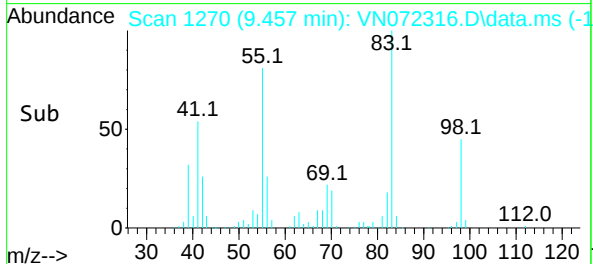
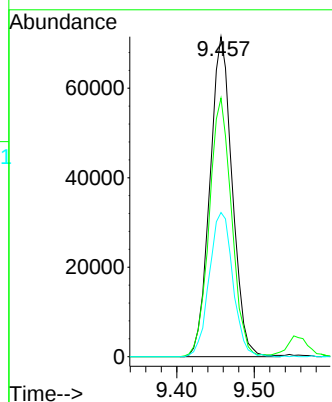
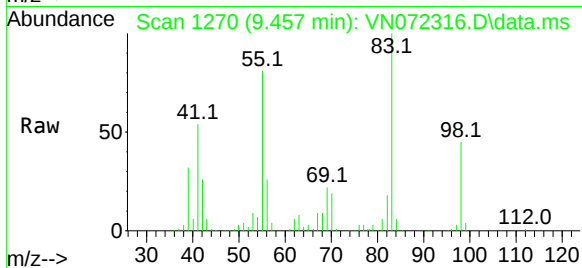
Tgt Ion: 83 Resp: 143313

Ion Ratio Lower Upper

83 100

55 80.8 57.8 86.8

98 45.0 39.4 59.2



#40

Benzene

Concen: 44.386 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072316.D

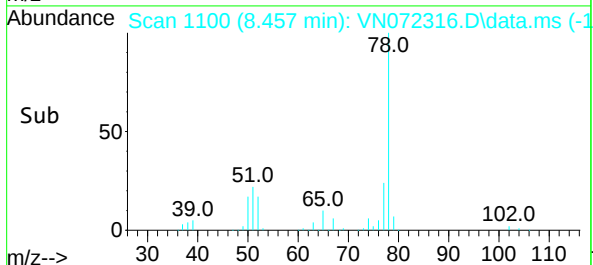
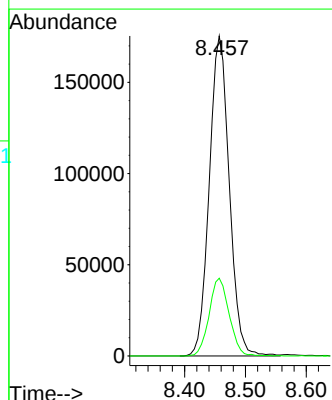
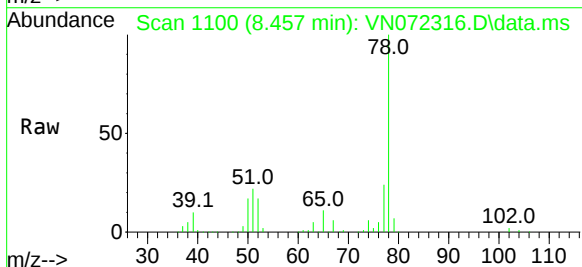
Acq: 03 May 2022 20:09

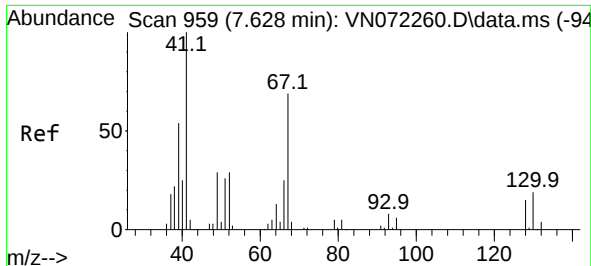
Tgt Ion: 78 Resp: 399705

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

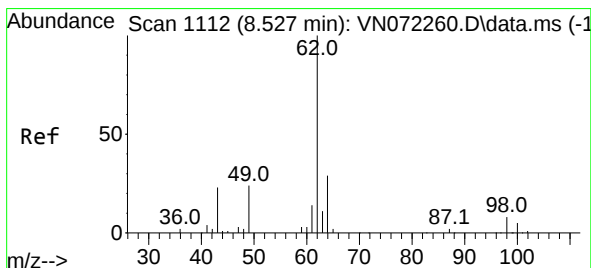
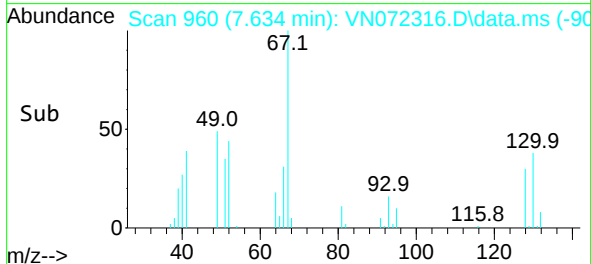
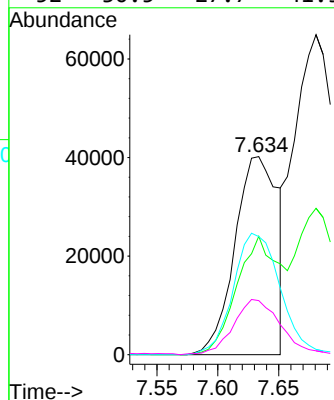
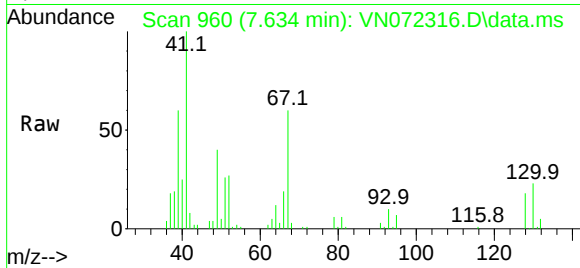




#41
Methacrylonitrile
Concen: 50.462 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

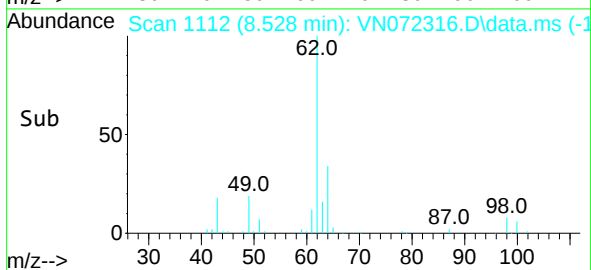
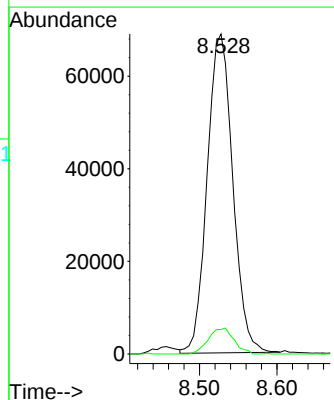
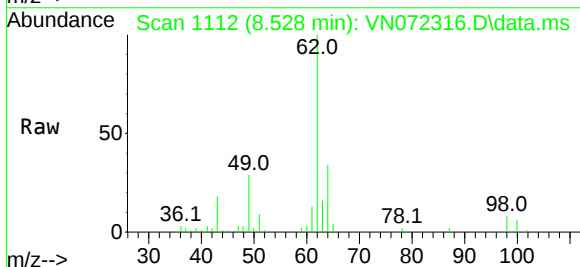
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

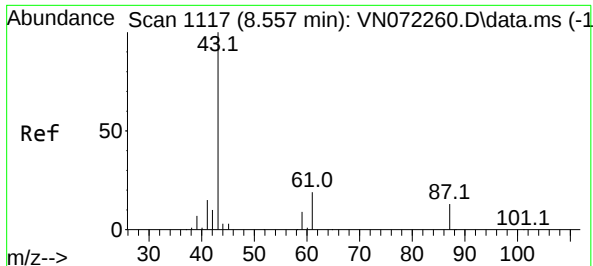
Tgt Ion: 41 Resp: 98424
Ion Ratio Lower Upper
41 100
39 61.7 48.6 73.0
67 68.1 73.4 110.2#
52 30.5 27.7 41.5



#42
1,2-Dichloroethane
Concen: 45.859 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 62 Resp: 158104
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 46.715 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

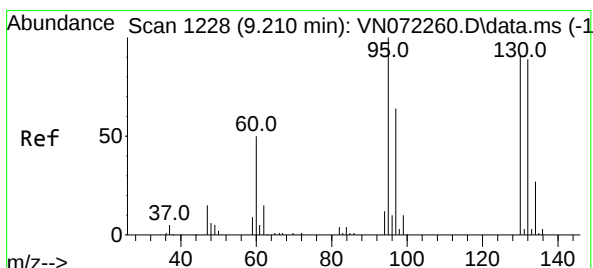
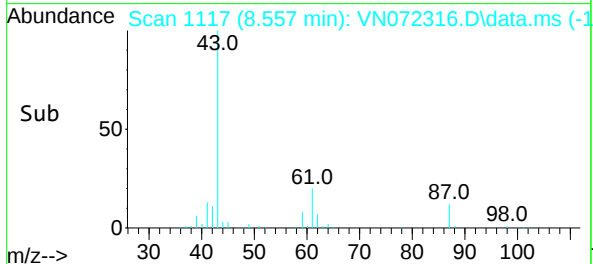
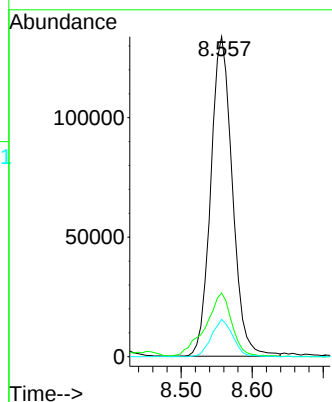
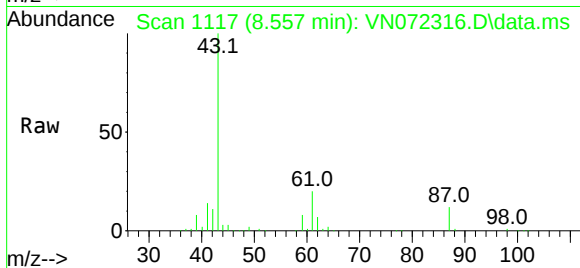
Tgt Ion: 43 Resp: 282472

Ion Ratio Lower Upper

43 100

61 24.6 21.9 32.9

87 11.5 12.0 18.0#



#44

Trichloroethene

Concen: 43.863 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN072316.D

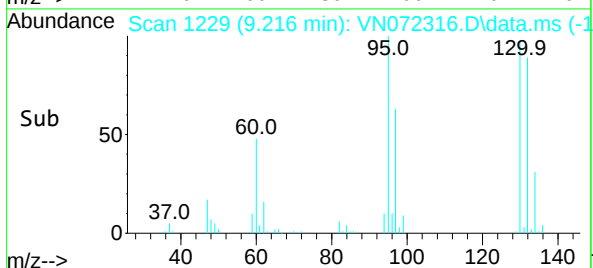
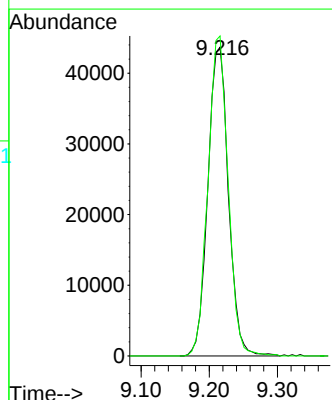
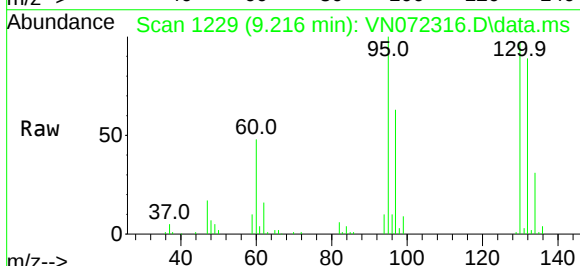
Acq: 03 May 2022 20:09

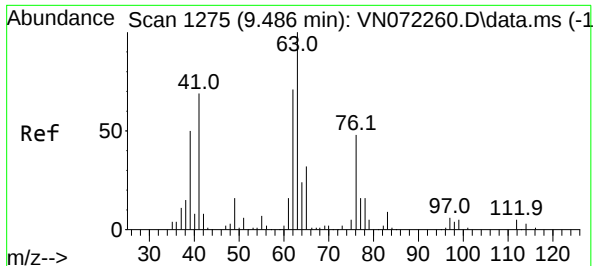
Tgt Ion:130 Resp: 91884

Ion Ratio Lower Upper

130 100

95 103.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 46.753 ug/l

RT: 9.486 min Scan# 113765

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

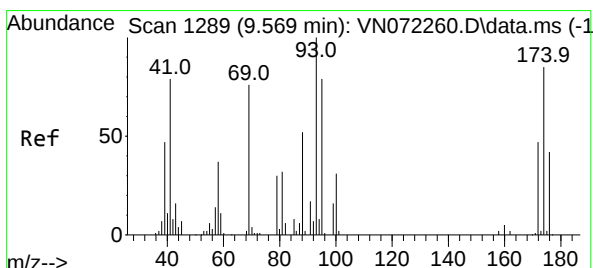
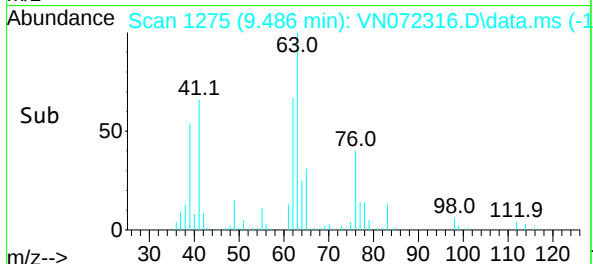
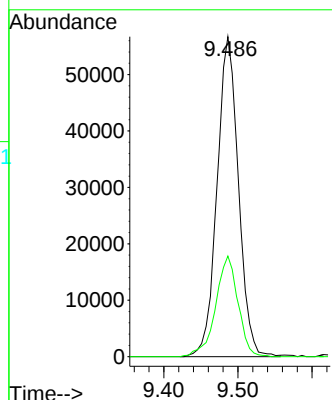
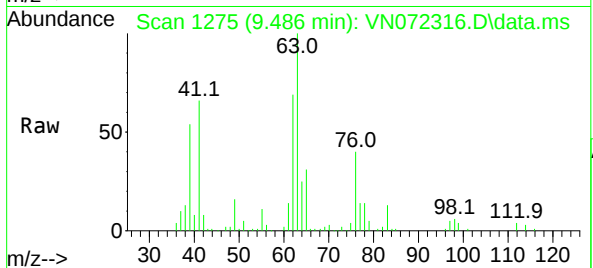
VSTDCCC050EC

Tgt Ion: 63 Resp: 113765

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 48.206 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

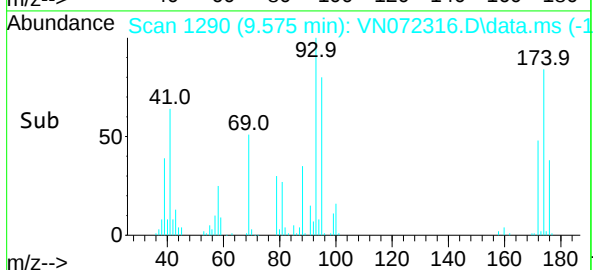
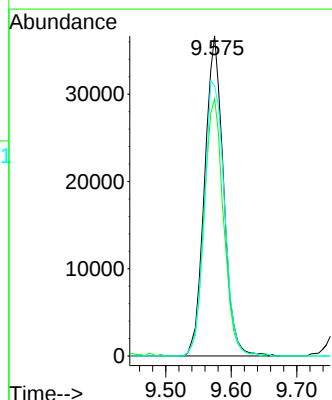
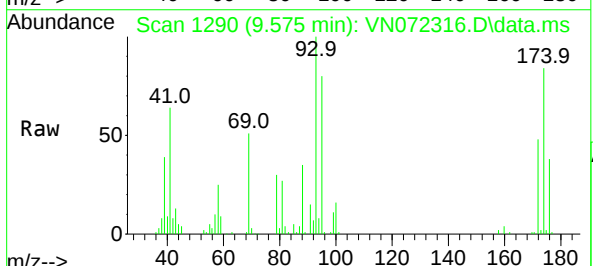
Tgt Ion: 93 Resp: 73483

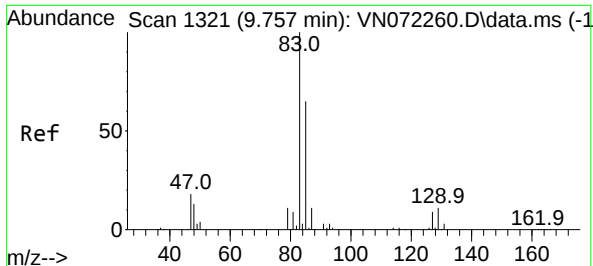
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 90.4 86.6 130.0

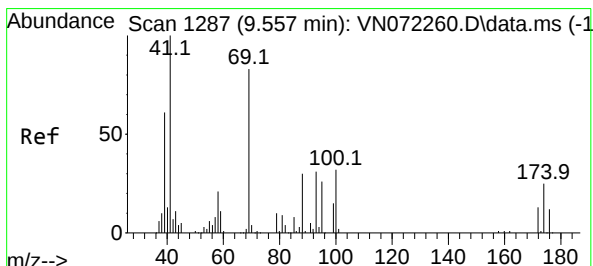
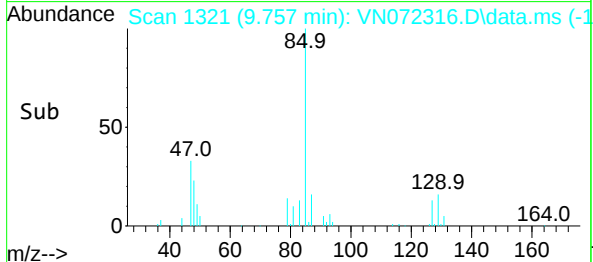
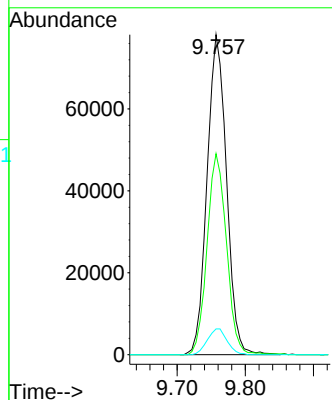
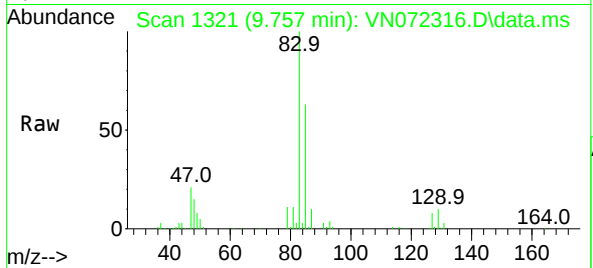




#47
Bromodichloromethane
Concen: 48.519 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

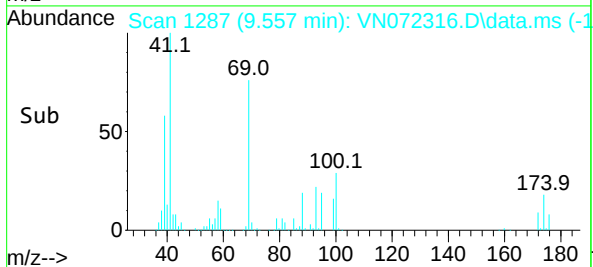
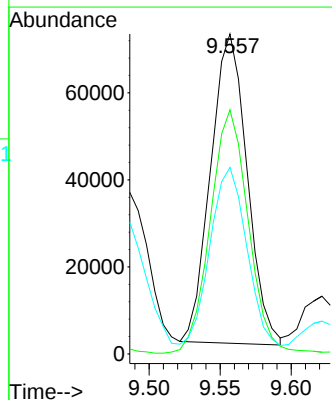
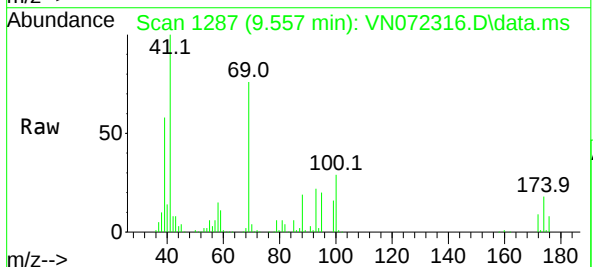
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

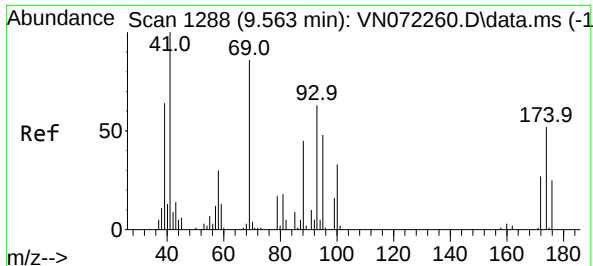
Tgt Ion: 83 Resp: 155184
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 49.851 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 41 Resp: 126960
Ion Ratio Lower Upper
41 100
69 83.3 74.7 112.1
39 63.0 45.6 68.4

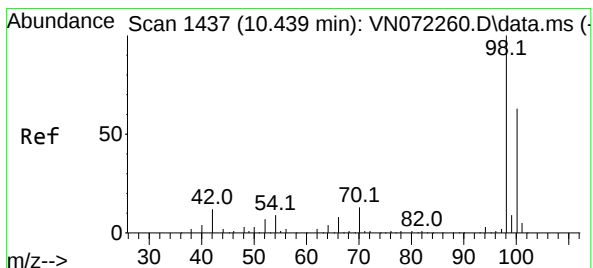
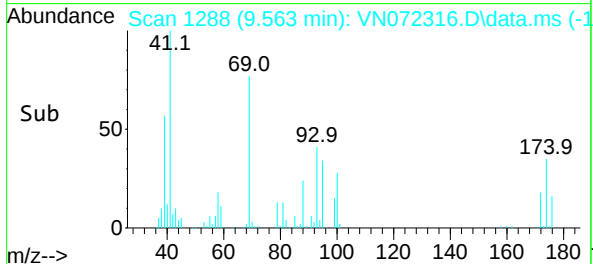
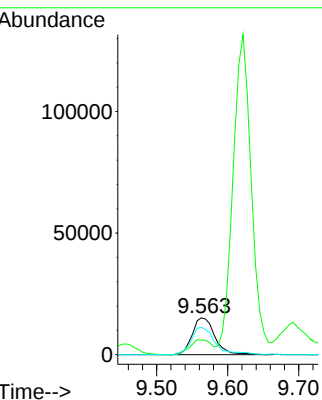
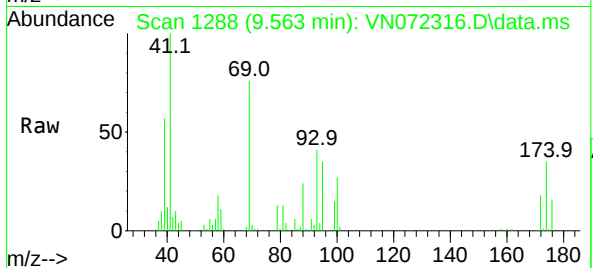




#49
1,4-Dioxane
Concen: 748.681 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

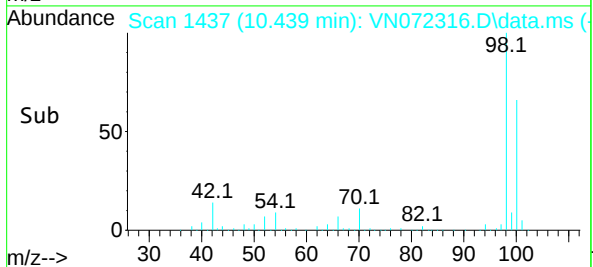
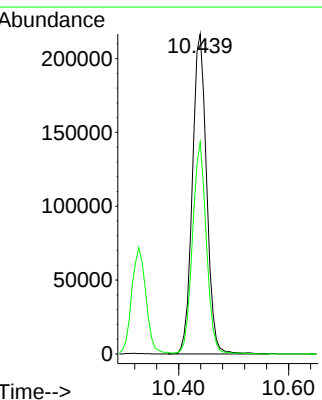
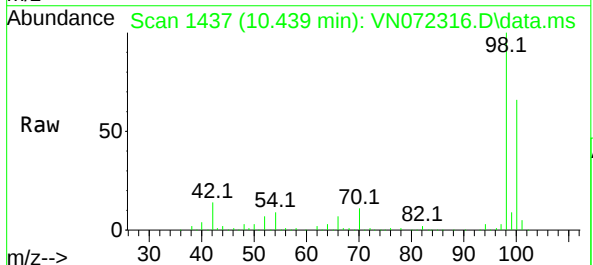
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

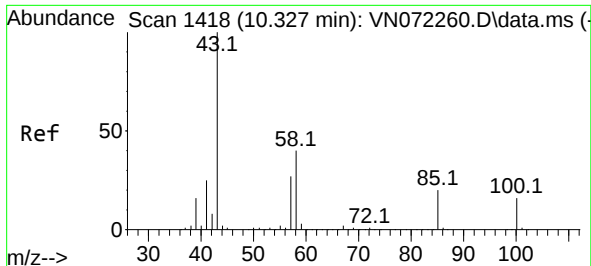
Tgt Ion: 88 Resp: 33494
Ion Ratio Lower Upper
88 100
43 38.8 20.2 30.4#
58 78.2 54.2 81.4



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 98 Resp: 389492
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 257.461 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. -0.001 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

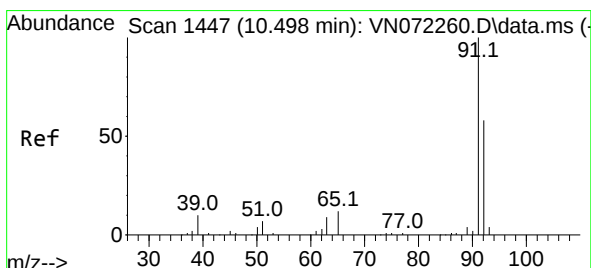
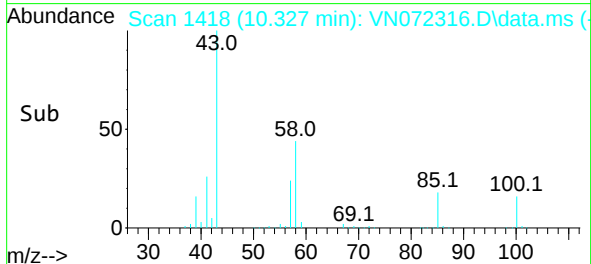
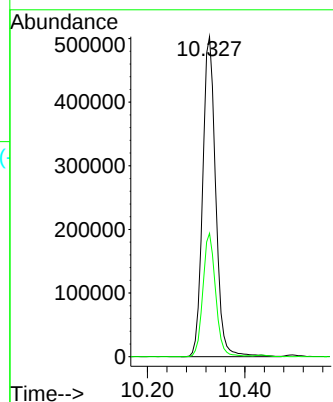
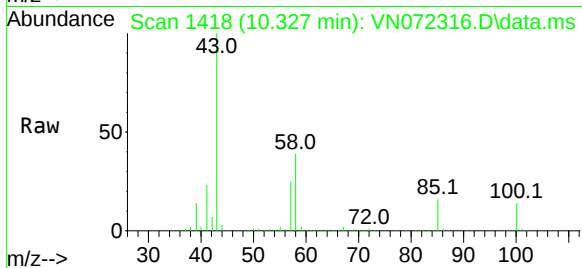
VSTDCCC050EC

Tgt Ion: 43 Resp: 936596

Ion Ratio Lower Upper

43 100

58 37.8 34.1 51.1



#52

Toluene

Concen: 46.309 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN072316.D

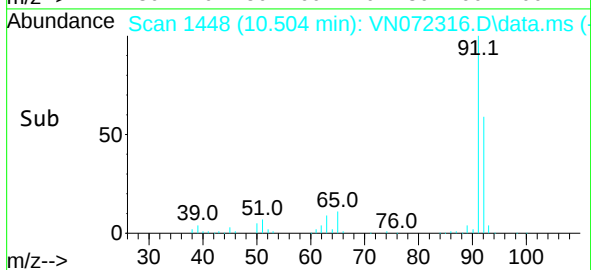
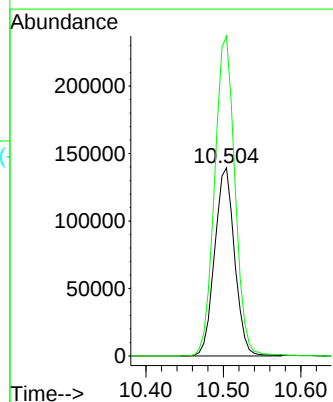
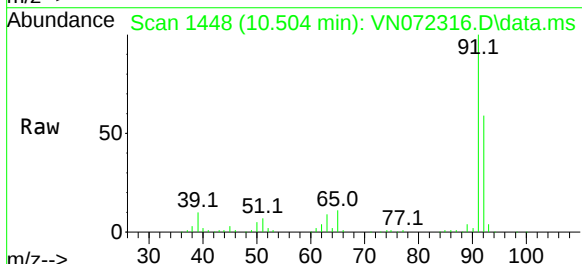
Acq: 03 May 2022 20:09

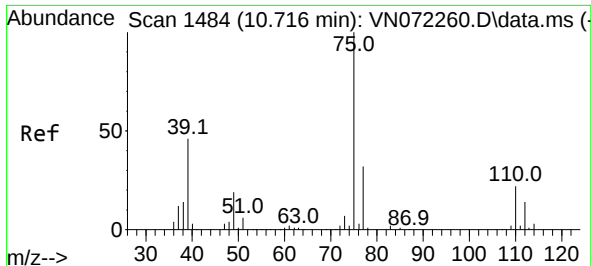
Tgt Ion: 92 Resp: 249303

Ion Ratio Lower Upper

92 100

91 173.6 138.6 207.8

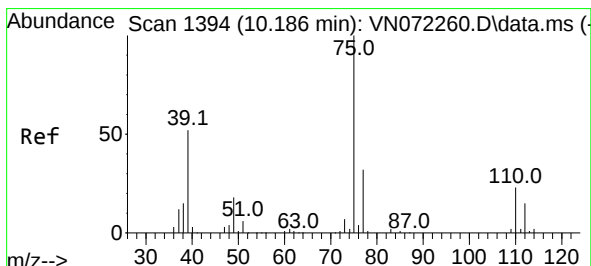
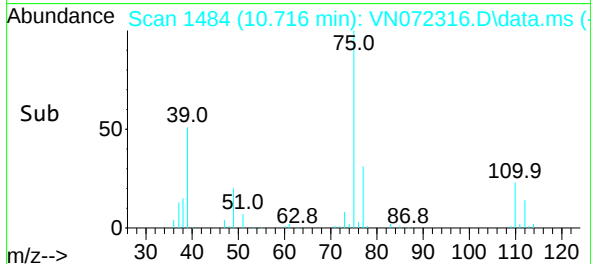
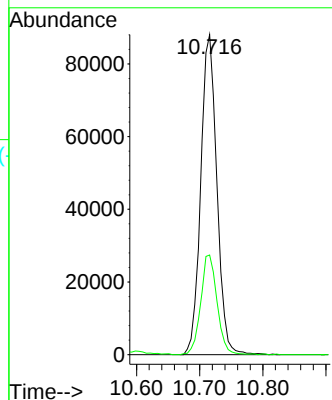
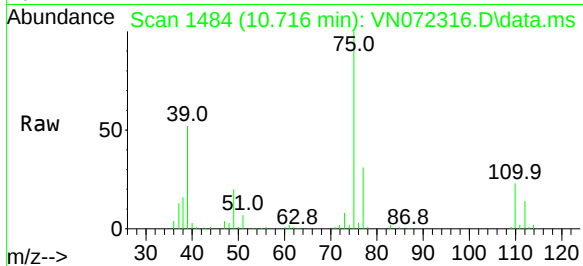




#53
 t-1,3-Dichloropropene
 Concen: 48.484 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

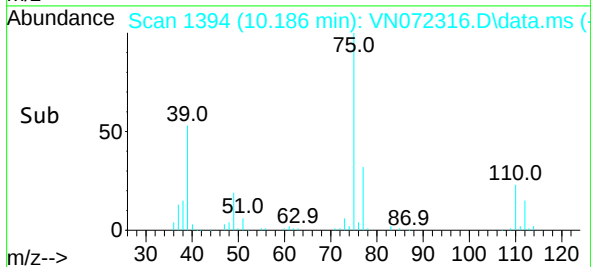
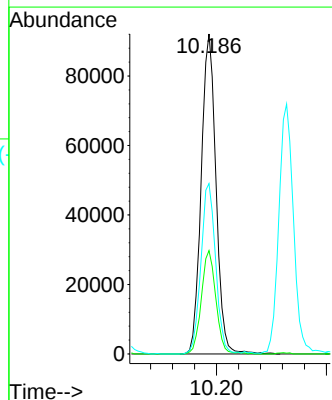
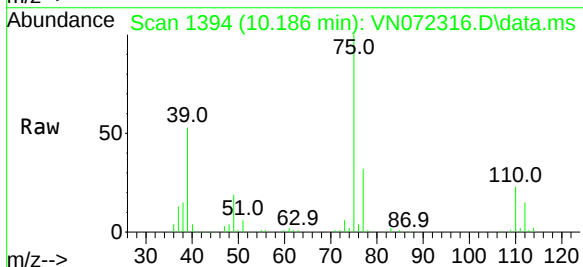
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

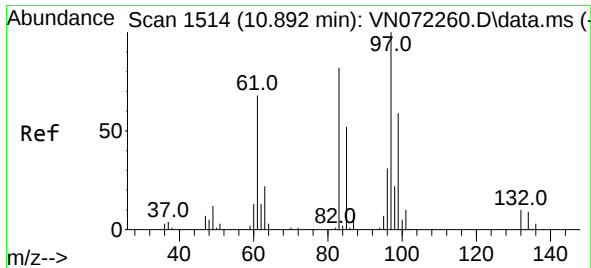
Tgt Ion: 75 Resp: 155885
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.493 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion: 75 Resp: 172096
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8
 39 53.3 35.7 53.5

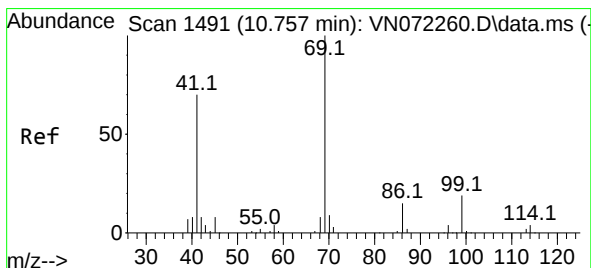
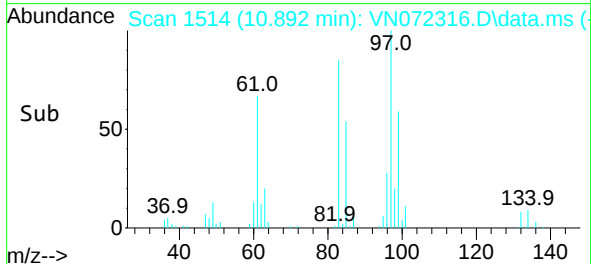
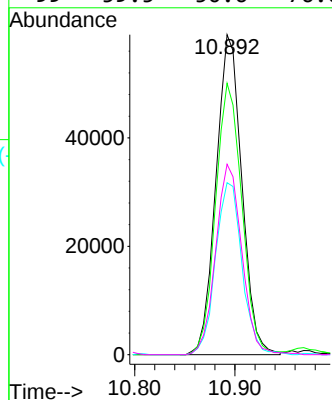
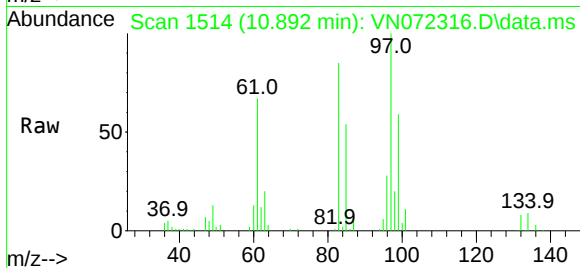




#55
1,1,2-Trichloroethane
Concen: 46.783 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

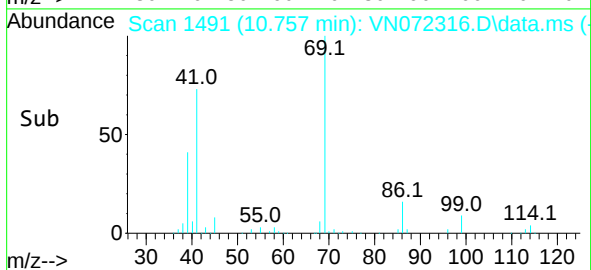
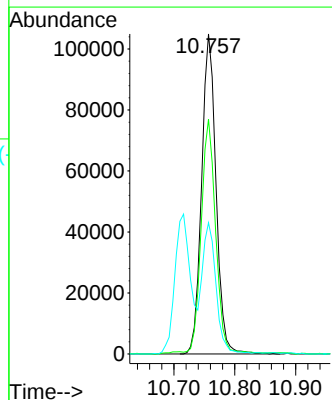
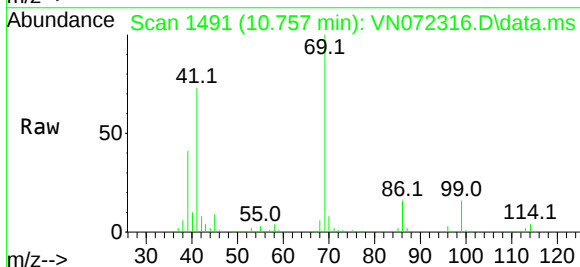
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

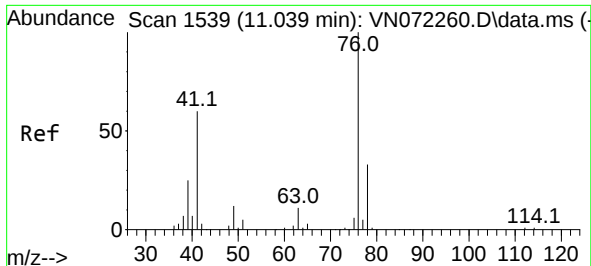
Tgt Ion:	97	Resp:	105601
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.4
85	53.7	43.9	65.9
99	59.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 43.922 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:	69	Resp:	172435
Ion	Ratio	Lower	Upper
69	100		
41	72.7	47.8	71.6#
39	38.0	27.3	40.9

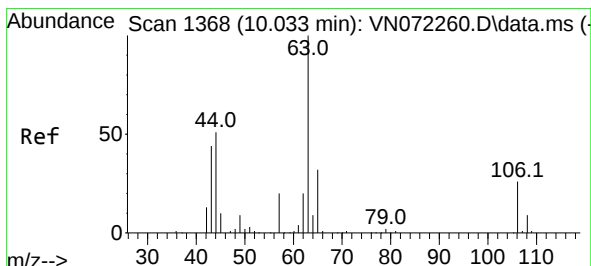
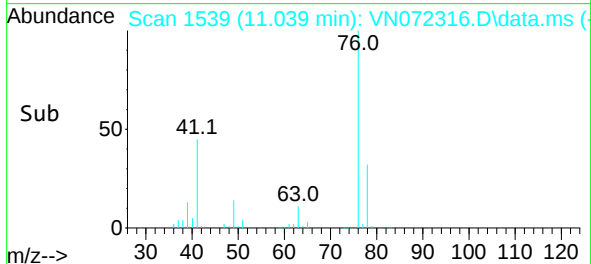
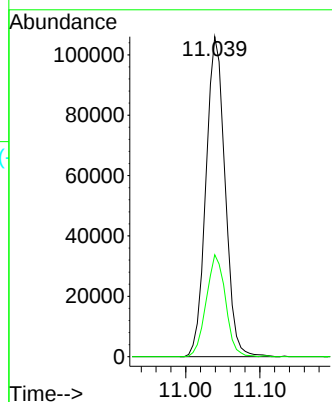
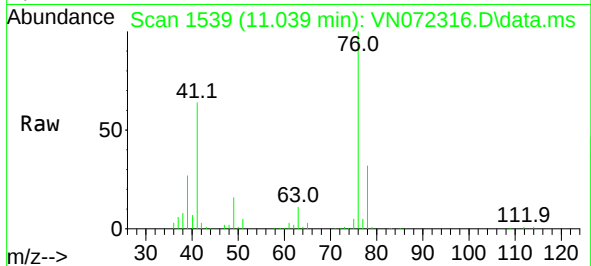




#57
1,3-Dichloropropane
Concen: 47.975 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

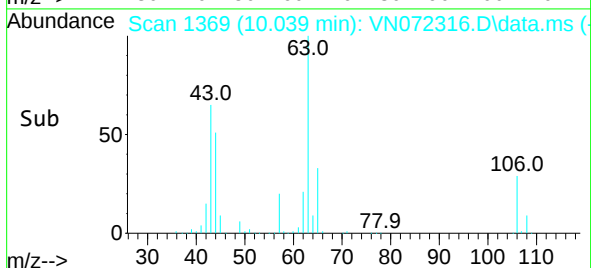
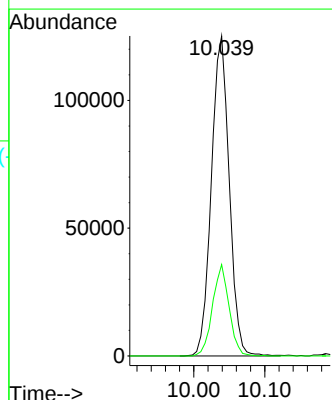
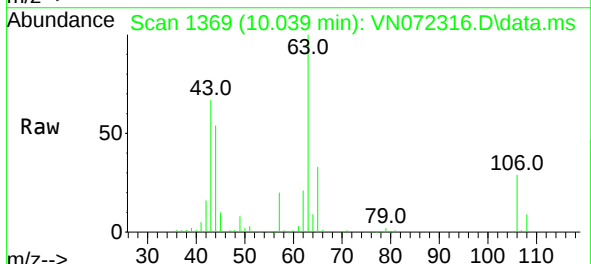
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

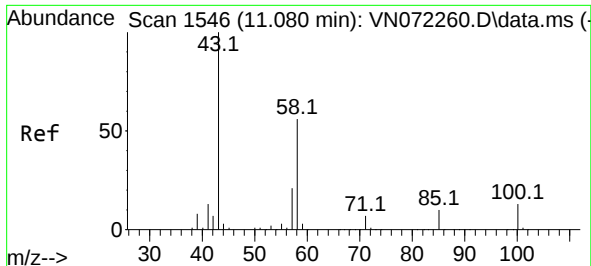
Tgt Ion: 76 Resp: 190028
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 208.625 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 63 Resp: 218524
Ion Ratio Lower Upper
63 100
106 26.4 24.6 36.8

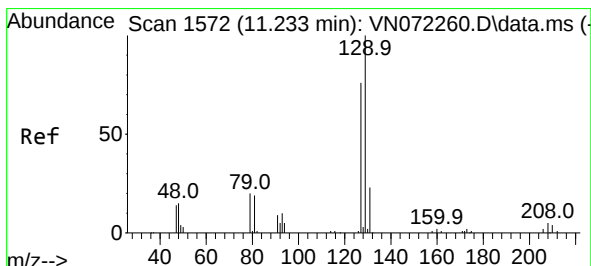
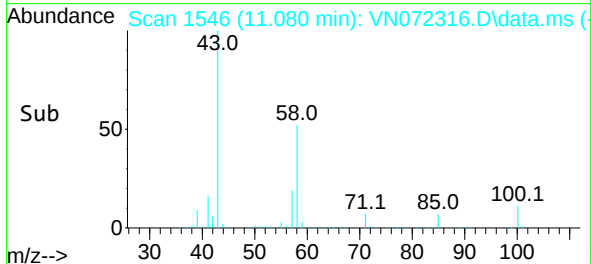
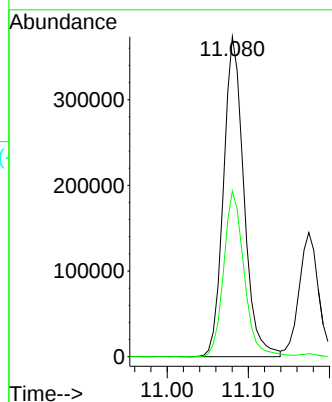
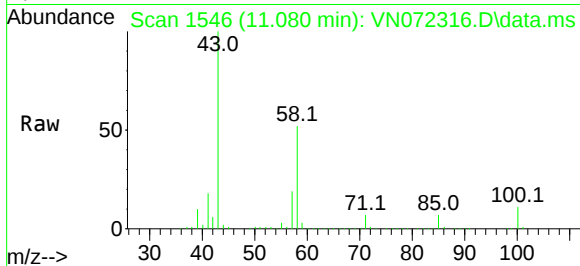




#59
2-Hexanone
Concen: 254.456 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

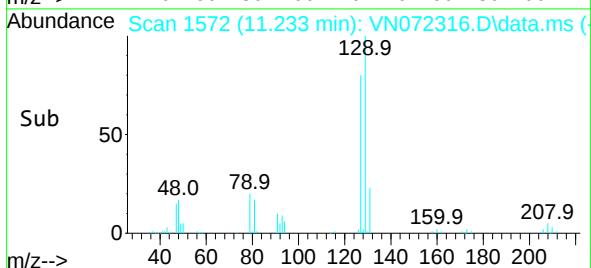
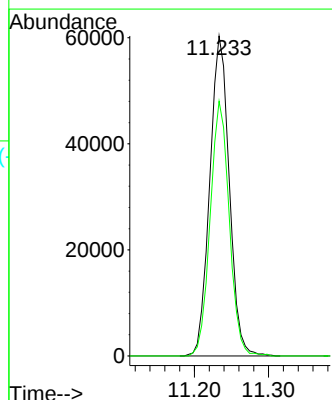
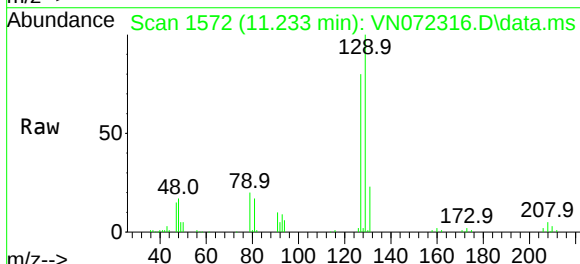
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

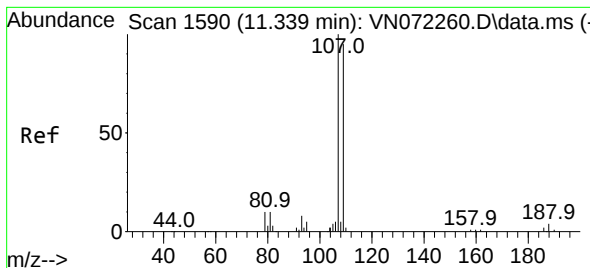
Tgt Ion: 43 Resp: 652181
Ion Ratio Lower Upper
43 100
58 51.8 29.7 89.1



#60
Dibromochloromethane
Concen: 47.739 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 129 Resp: 110190
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 46.905 ug/l

RT: 11.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

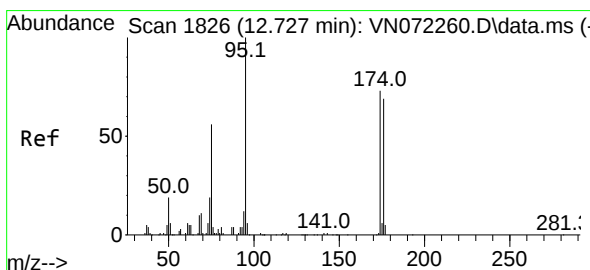
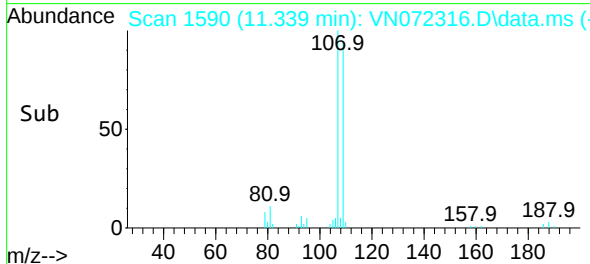
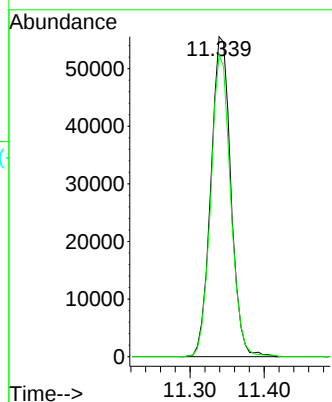
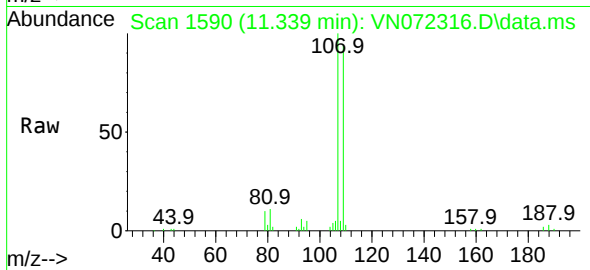
VSTDCCC050EC

Tgt Ion:107 Resp: 104126

Ion Ratio Lower Upper

107 100

109 93.6 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.970 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

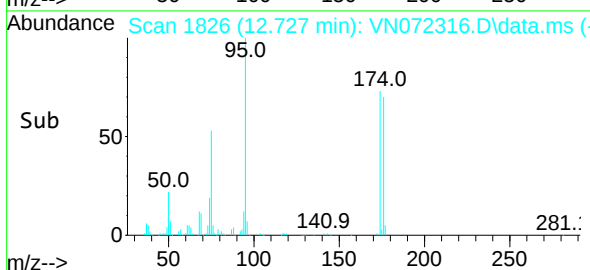
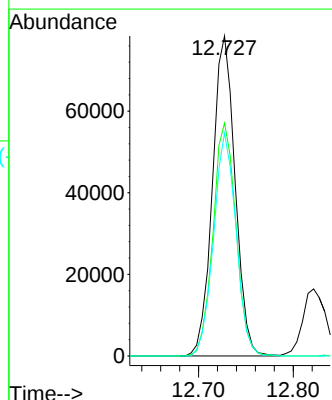
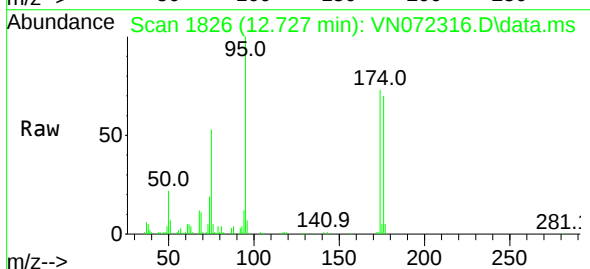
Tgt Ion: 95 Resp: 129992

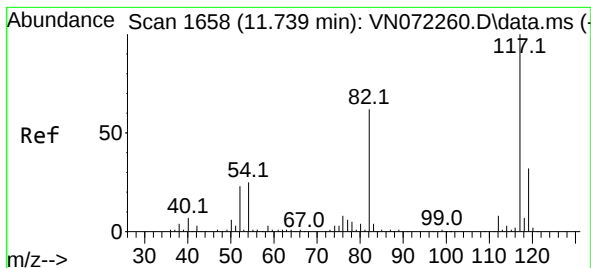
Ion Ratio Lower Upper

95 100

174 73.5 0.0 167.6

176 69.2 0.0 163.4

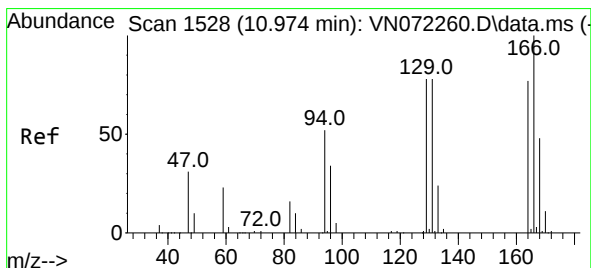
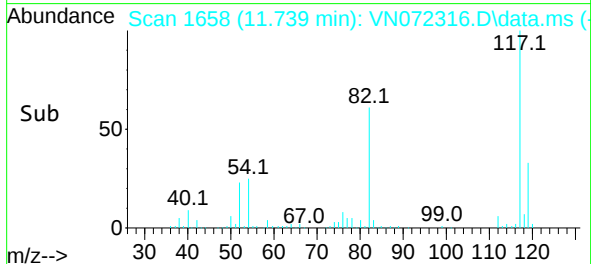
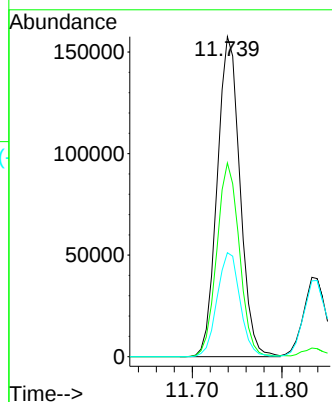
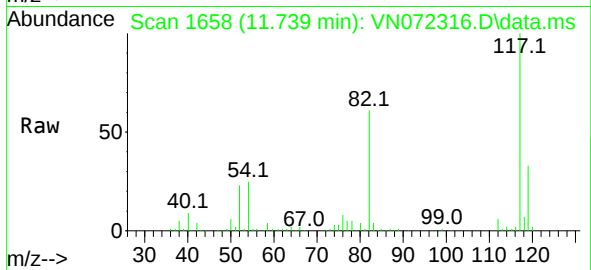




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

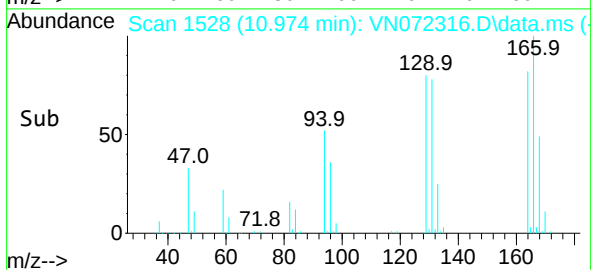
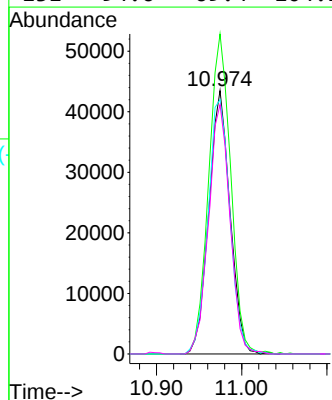
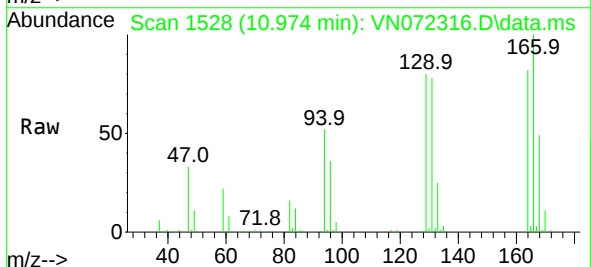
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

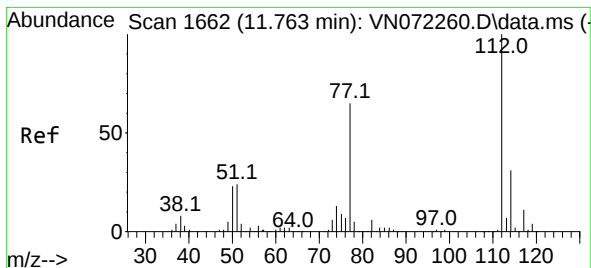
Tgt Ion:117 Resp: 277554
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 45.095 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:164 Resp: 75341
Ion Ratio Lower Upper
164 100
166 121.5 104.2 156.2
129 96.6 73.9 110.9
131 94.6 69.4 104.2

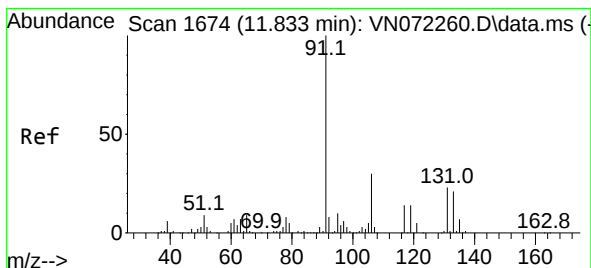
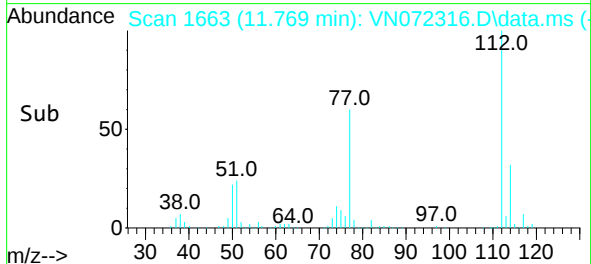
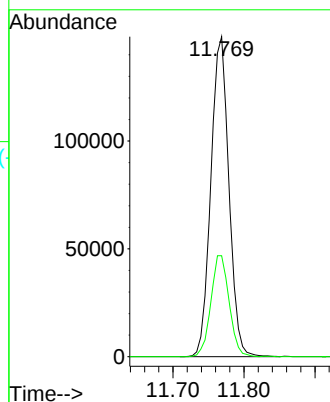
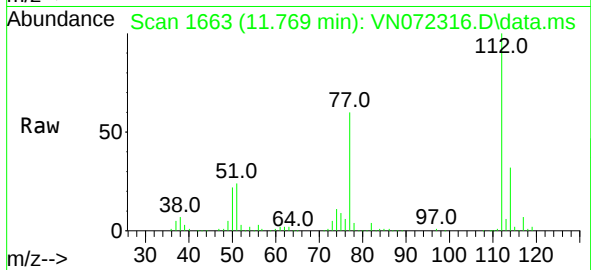




#65
Chlorobenzene
Concen: 46.596 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

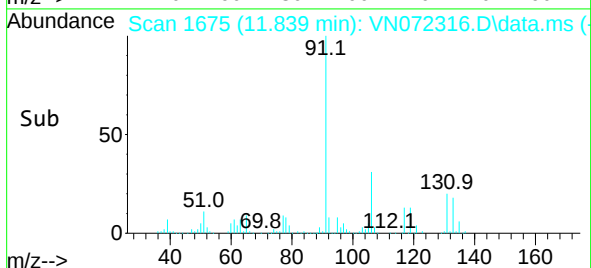
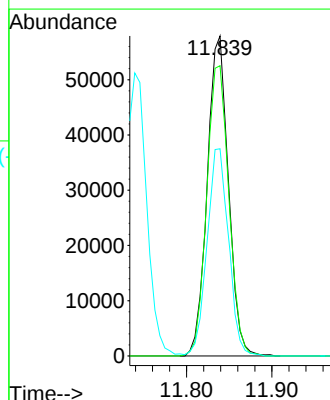
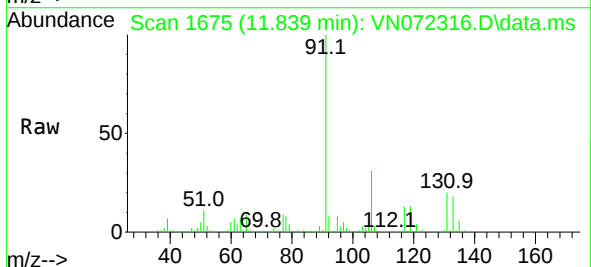
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

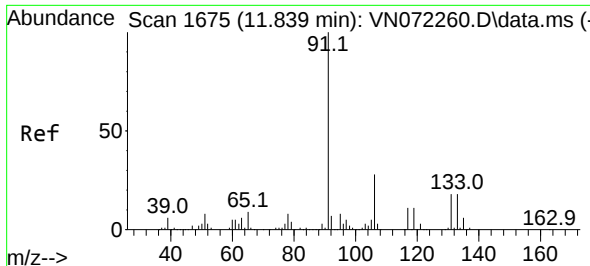
Tgt Ion:112 Resp: 261315
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.272 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:131 Resp: 99892
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 65.9 33.4 100.2

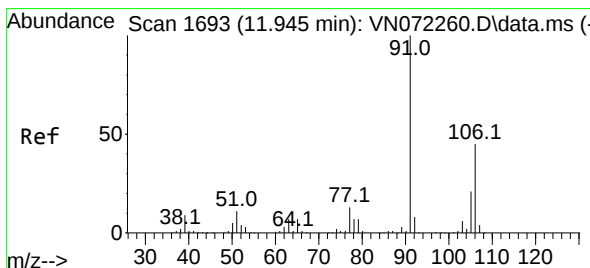
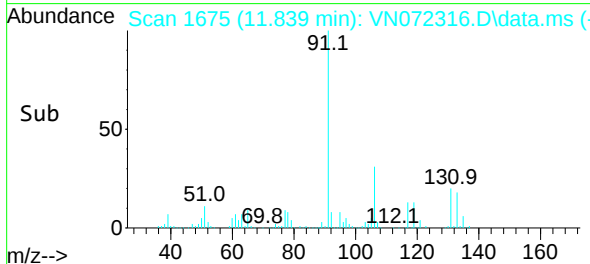
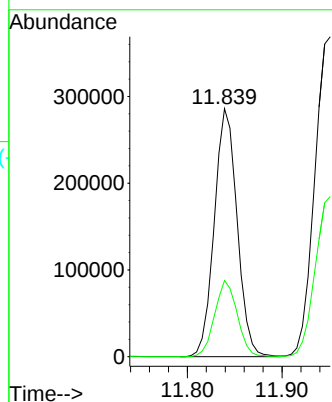
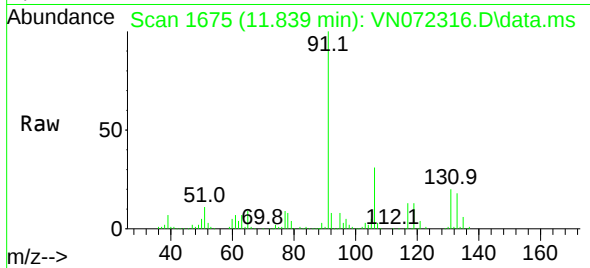




#67
Ethyl Benzene
Concen: 48.976 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

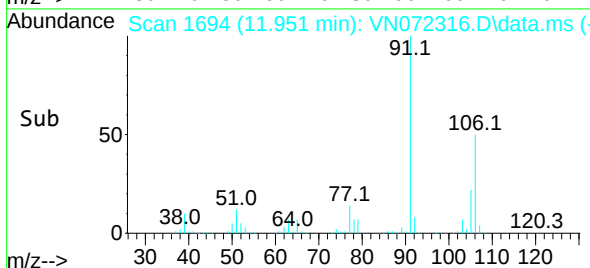
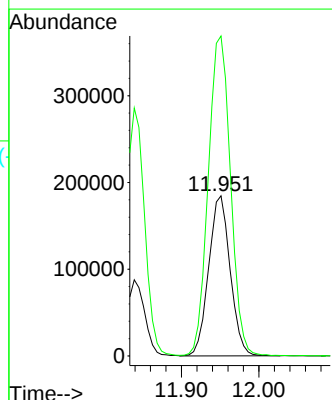
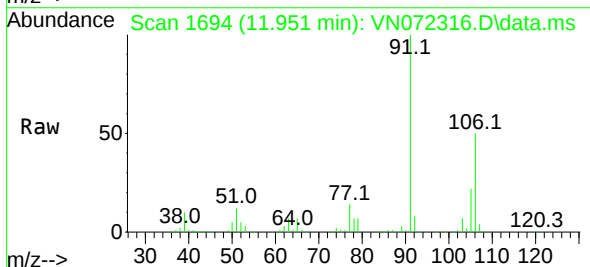
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

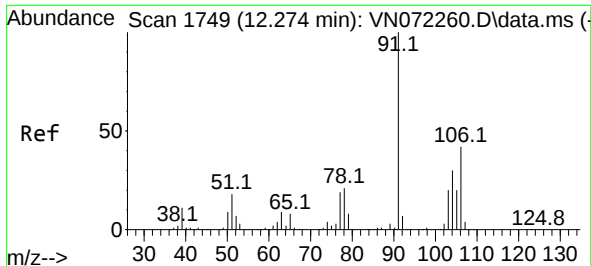
Tgt Ion: 91 Resp: 478985
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 97.755 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 106 Resp: 355022
Ion Ratio Lower Upper
106 100
91 207.4 158.9 238.3





#69

o-Xylene

Concen: 50.521 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

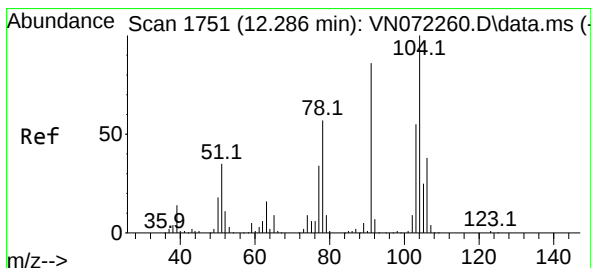
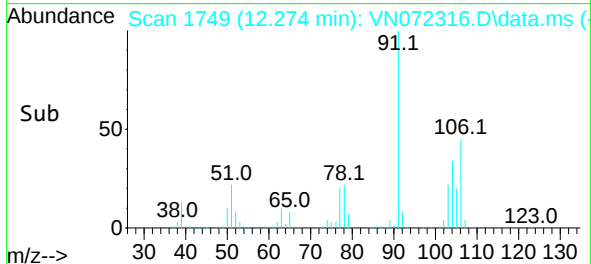
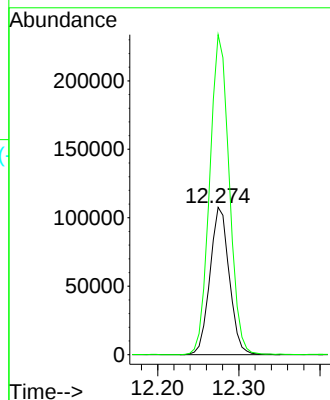
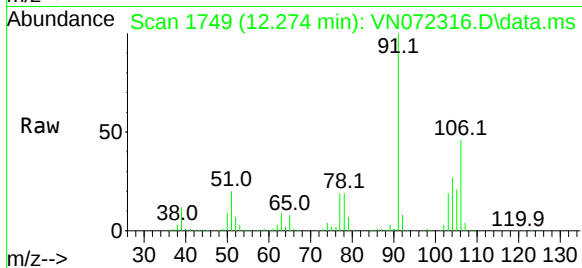
VSTDCCC050EC

Tgt Ion:106 Resp: 177873

Ion Ratio Lower Upper

106 100

91 219.7 106.0 318.0



#70

Styrene

Concen: 51.705 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

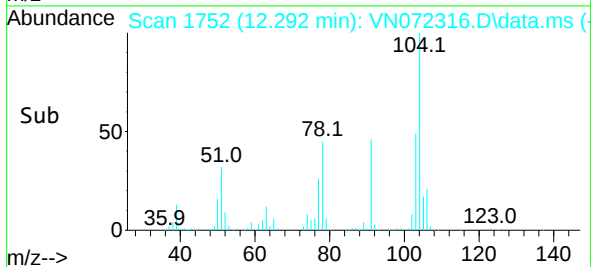
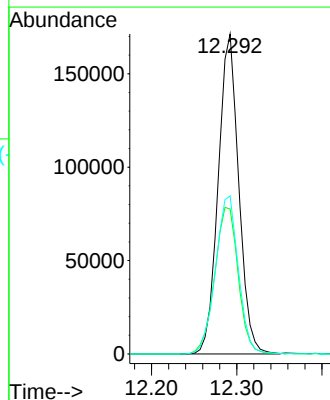
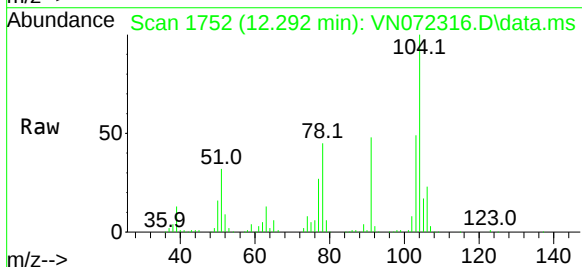
Tgt Ion:104 Resp: 286741

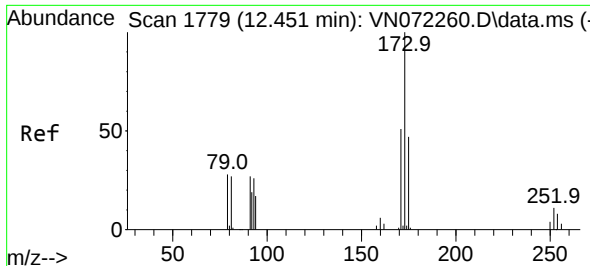
Ion Ratio Lower Upper

104 100

78 52.6 39.5 59.3

103 54.8 44.0 66.0

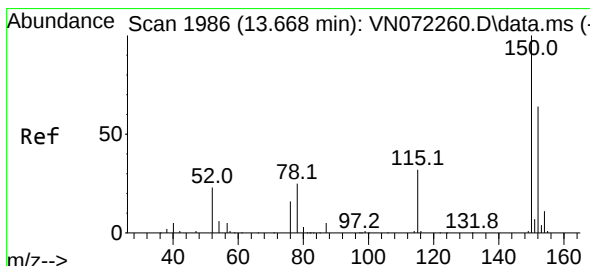
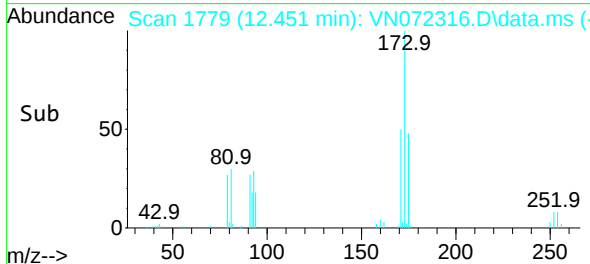
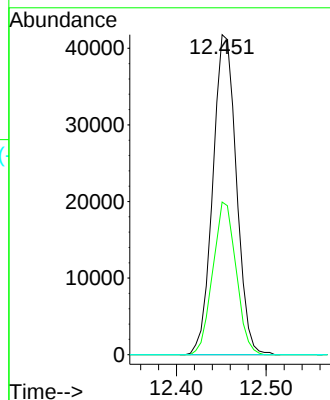
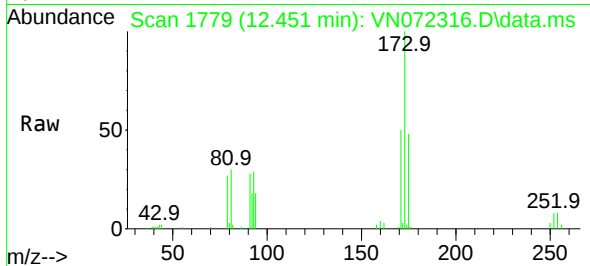




#71
Bromoform
Concen: 48.436 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

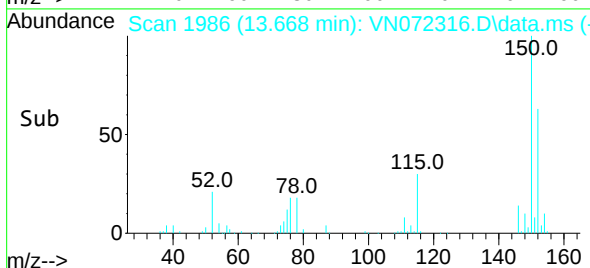
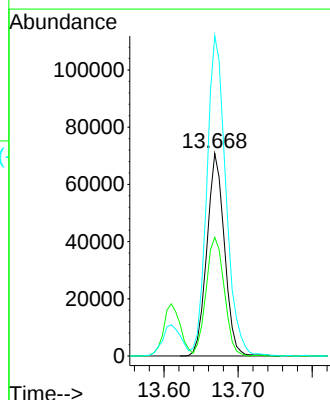
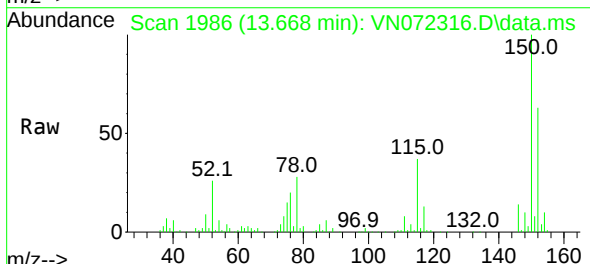
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

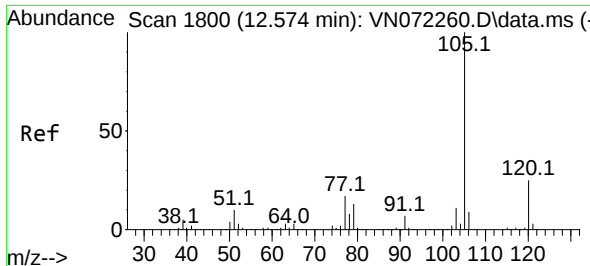
Tgt Ion:173 Resp: 76123
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:152 Resp: 116433
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 171.8 0.0 356.2

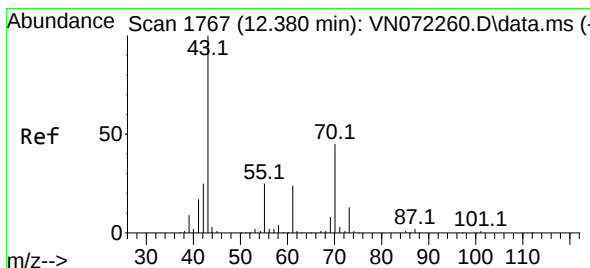
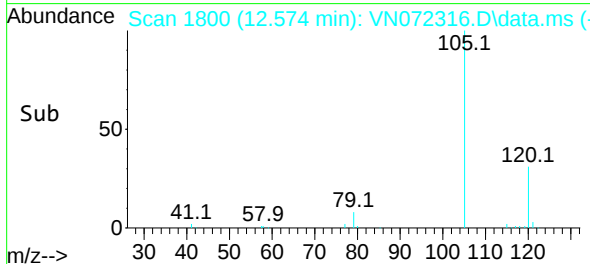
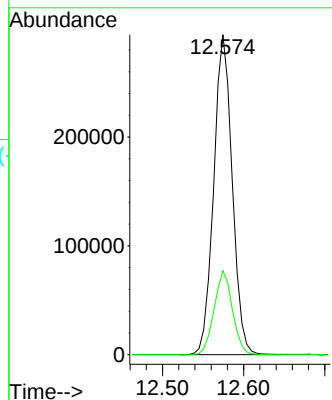
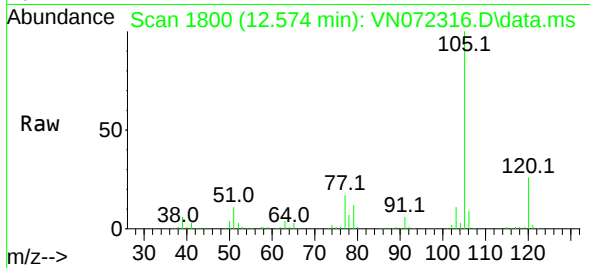




#73
Isopropylbenzene
Concen: 45.272 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

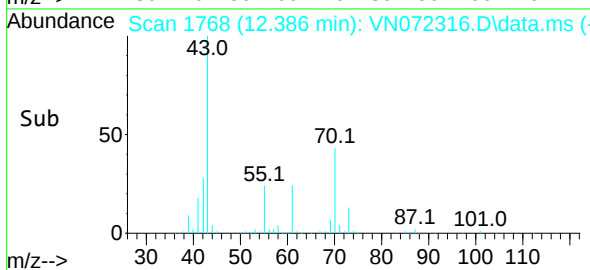
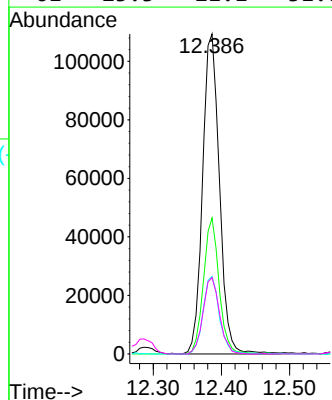
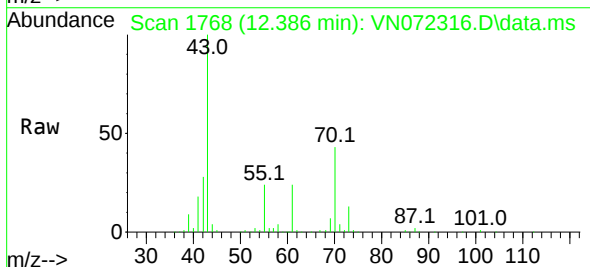
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

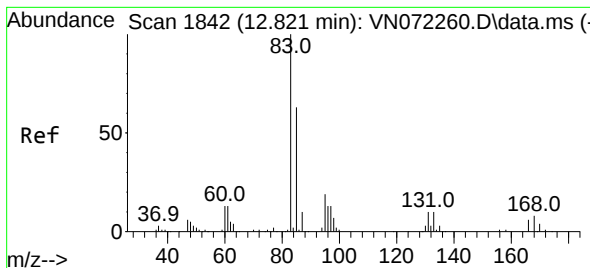
Tgt Ion:105 Resp: 465555
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#74
N-ethyl acetate
Concen: 48.829 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 43 Resp: 188119
Ion Ratio Lower Upper
43 100
70 39.4 39.0 58.4
55 23.5 21.1 31.7
61 23.3 21.1 31.7

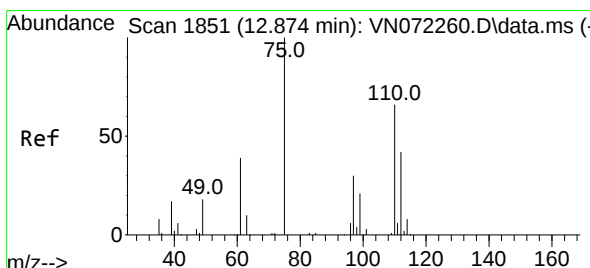
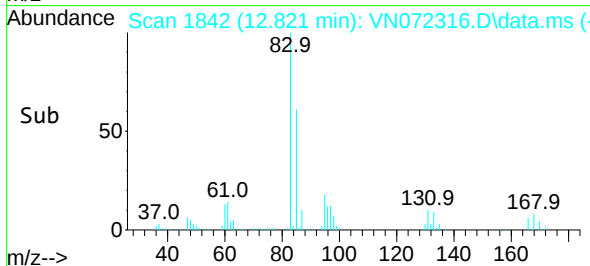
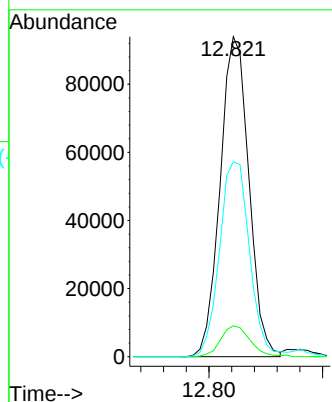
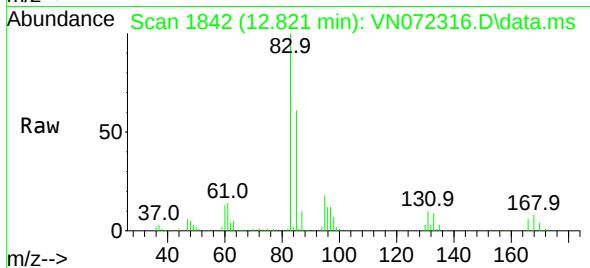




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.072 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. -0.001 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

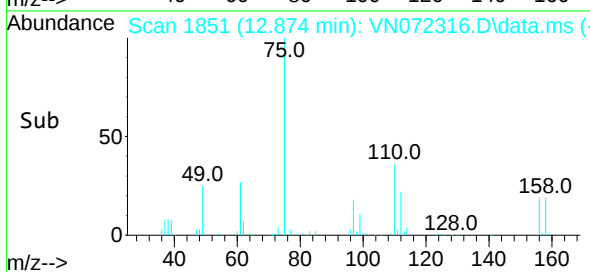
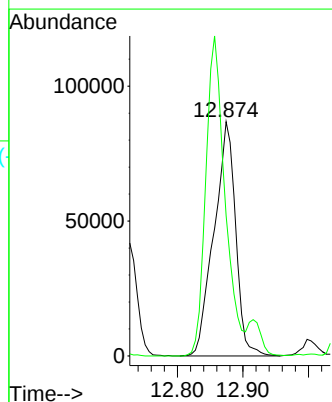
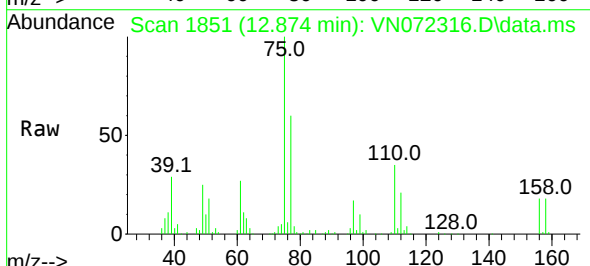
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

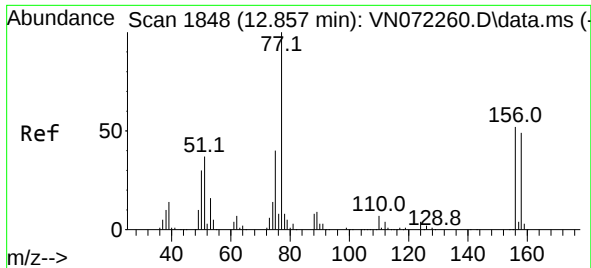
Tgt Ion: 83 Resp: 165065
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.9
 85 63.8 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 69.109 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion: 75 Resp: 198666
 Ion Ratio Lower Upper
 75 100
 77 122.2 98.5 295.5

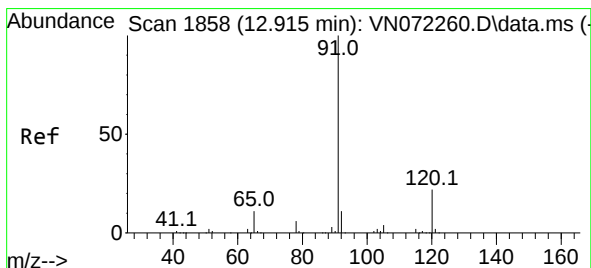
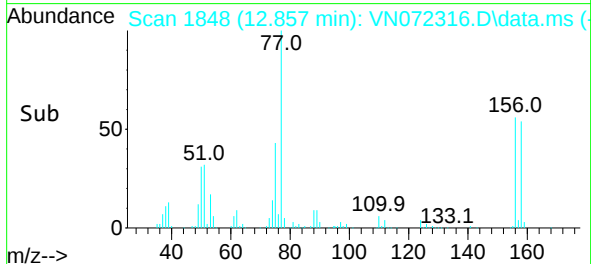
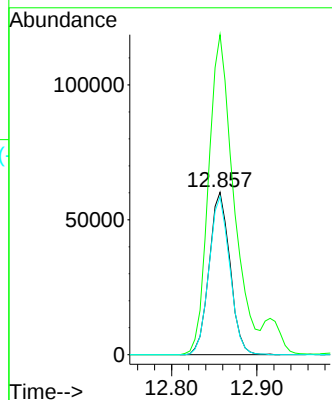
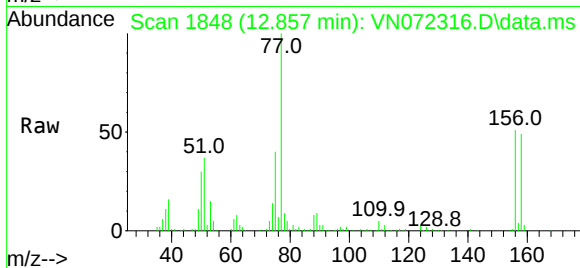




#77
Bromobenzene
Concen: 41.993 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

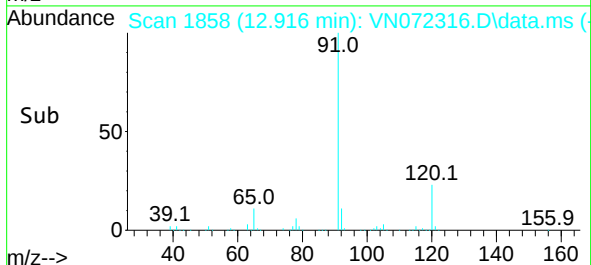
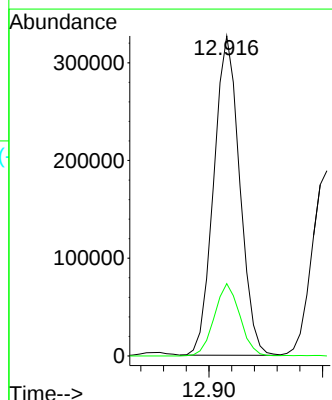
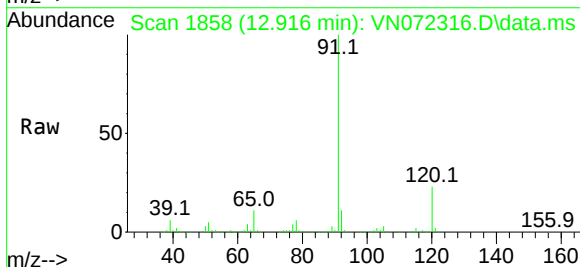
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

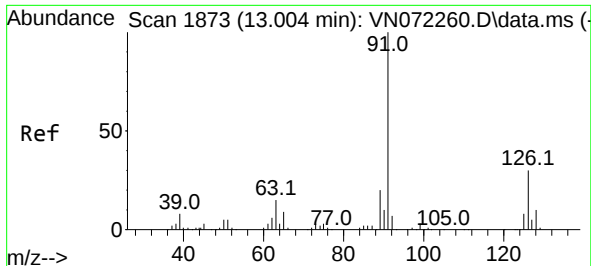
Tgt Ion:156 Resp: 102120
Ion Ratio Lower Upper
156 100
77 237.8 100.5 301.5
158 97.0 48.9 146.6



#78
n-propylbenzene
Concen: 45.732 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 91 Resp: 518088
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5

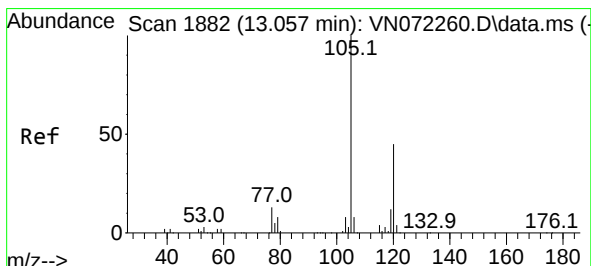
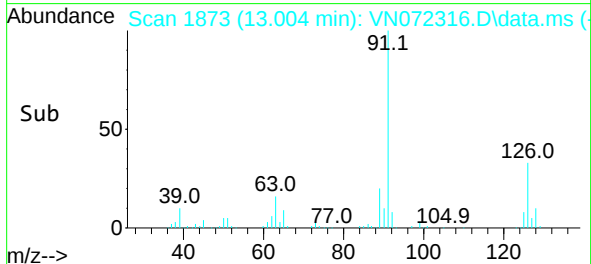
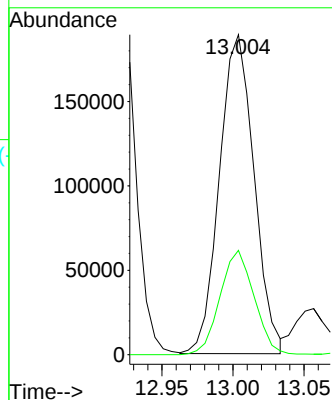
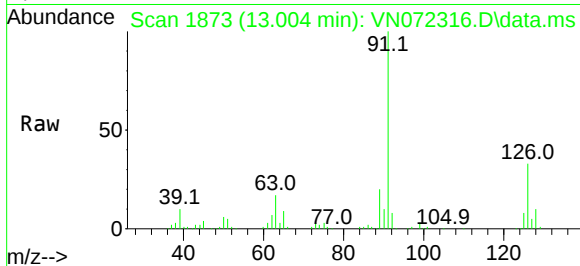




#79
2-Chlorotoluene
Concen: 43.088 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

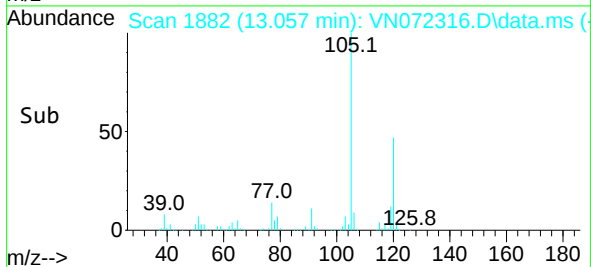
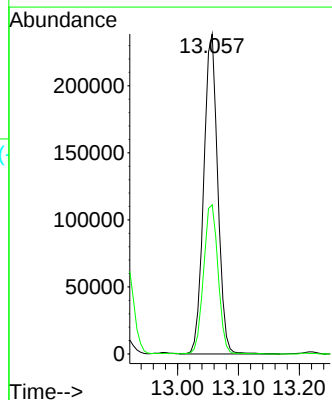
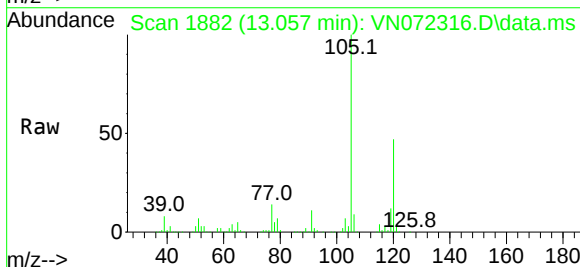
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

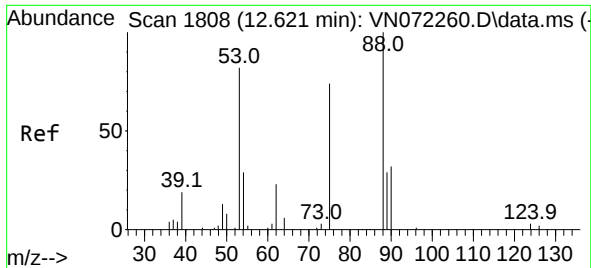
Tgt Ion: 91 Resp: 320623
Ion Ratio Lower Upper
91 100
126 32.2 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 44.590 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 105 Resp: 381872
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7

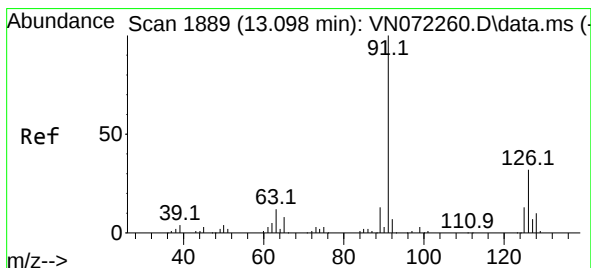
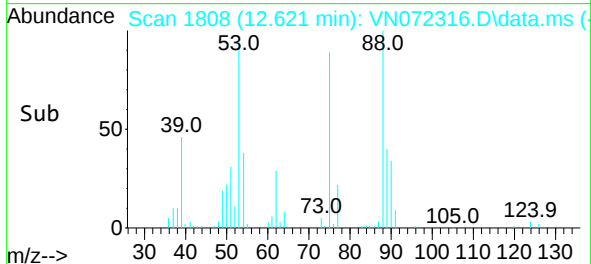
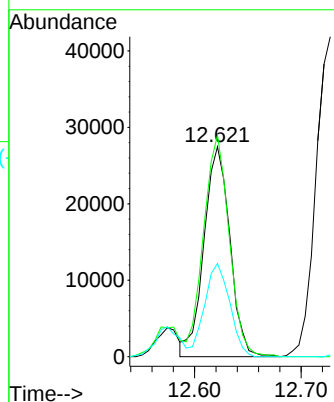
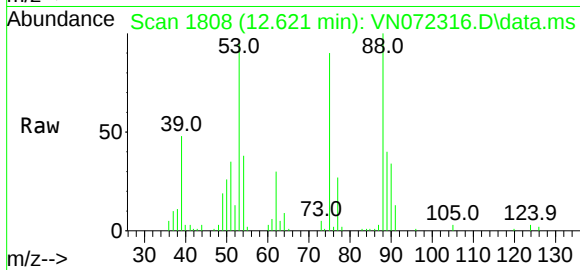




#81
trans-1,4-Dichloro-2-butene
Concen: 46.268 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

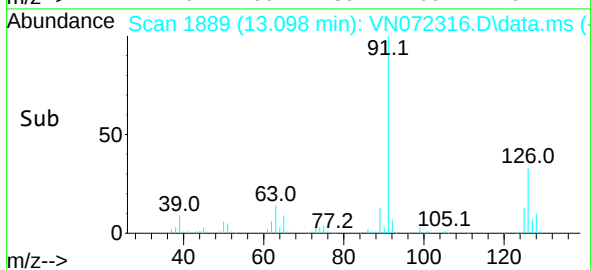
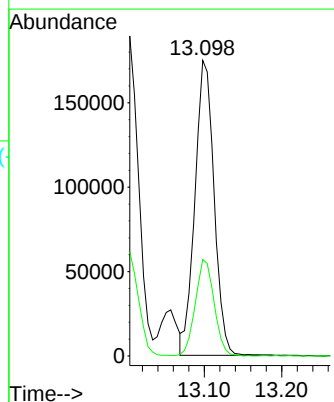
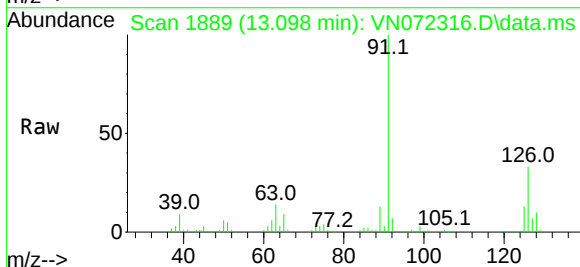
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

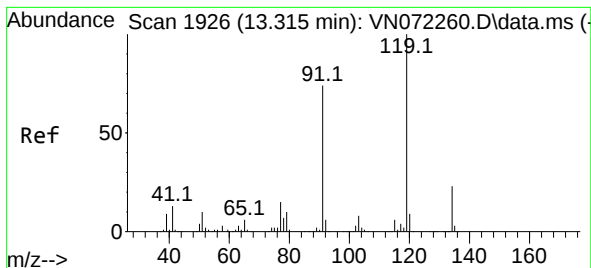
Tgt Ion: 75 Resp: 46591
Ion Ratio Lower Upper
75 100
53 103.8 78.0 117.0
89 43.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 43.199 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 91 Resp: 299231
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.050 ug/l

RT: 13.321 min Scan# 1926

Delta R.T. 0.005 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

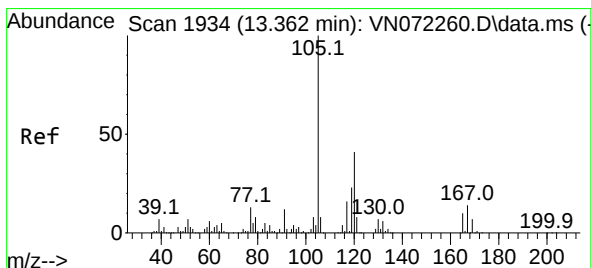
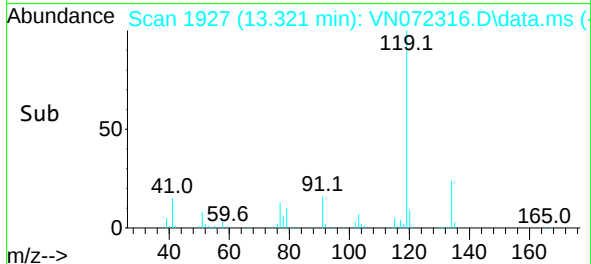
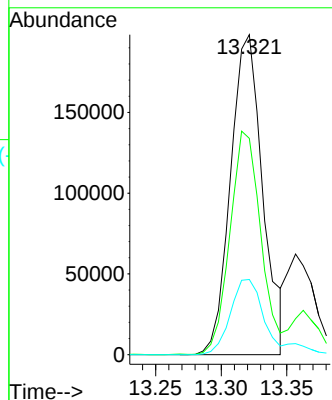
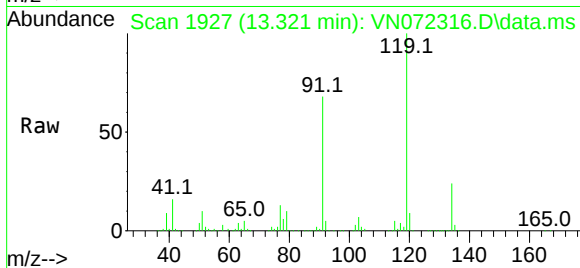
Tgt Ion:119 Resp: 338743

Ion Ratio Lower Upper

119 100

91 67.0 31.6 94.8

134 26.2 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 45.459 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072316.D

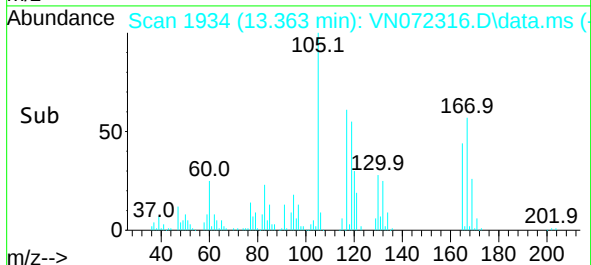
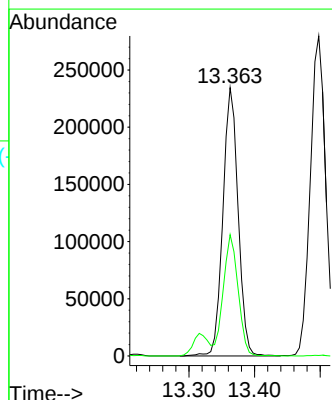
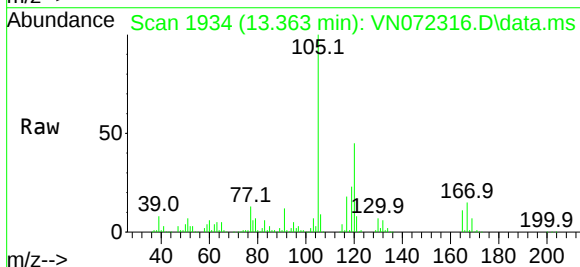
Acq: 03 May 2022 20:09

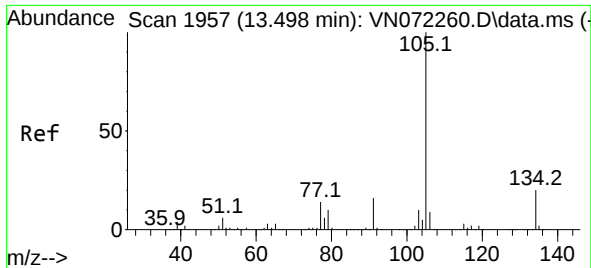
Tgt Ion:105 Resp: 376676

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8

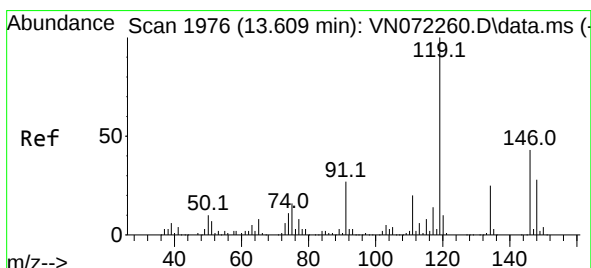
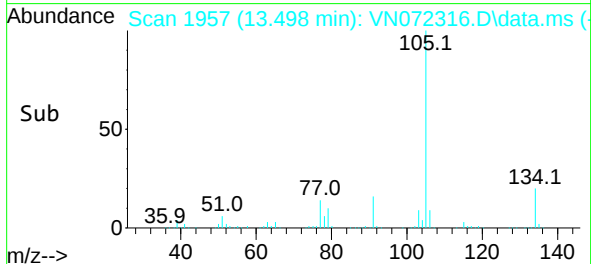
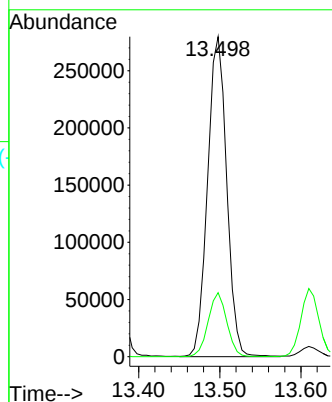
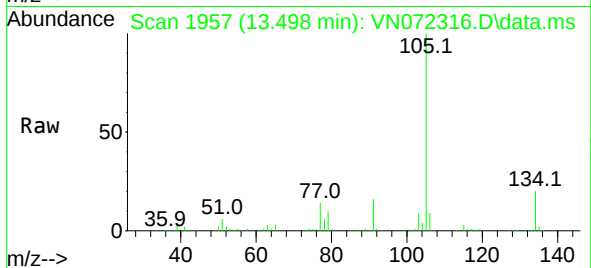




#85
 sec-Butylbenzene
 Concen: 46.620 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

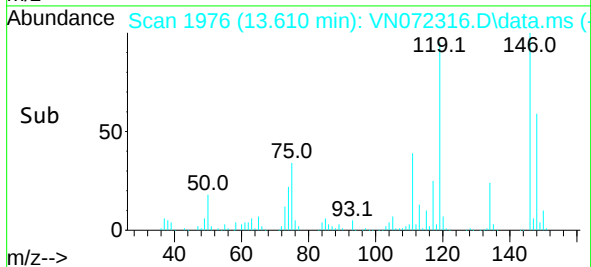
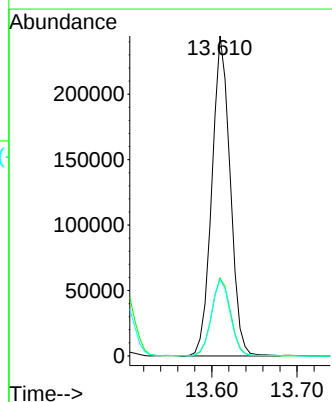
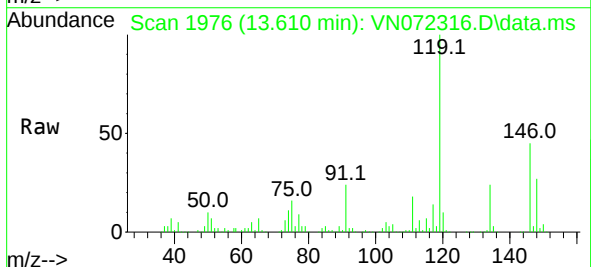
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

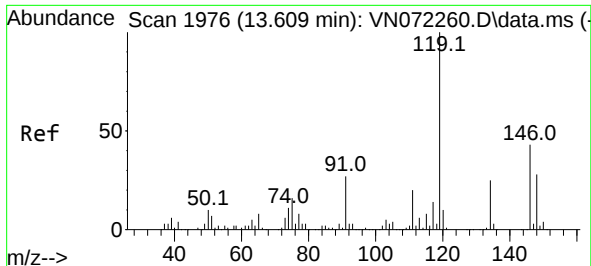
Tgt Ion:105 Resp: 457028
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 47.765 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion:119 Resp: 365057
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.3 39.8
 91 24.4 11.3 33.9

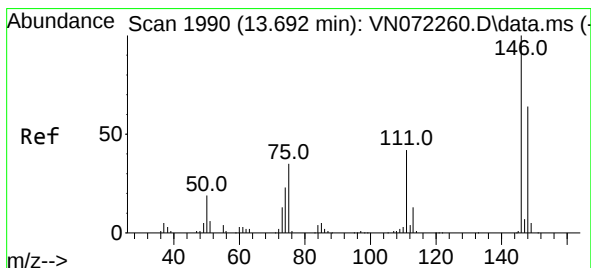
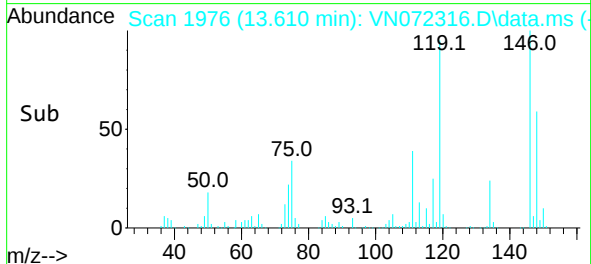
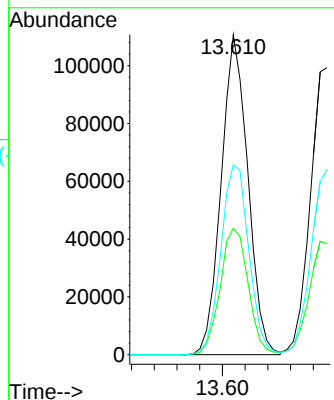
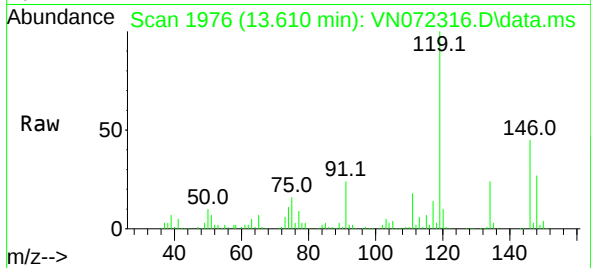




#87
 1,3-Dichlorobenzene
 Concen: 45.809 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

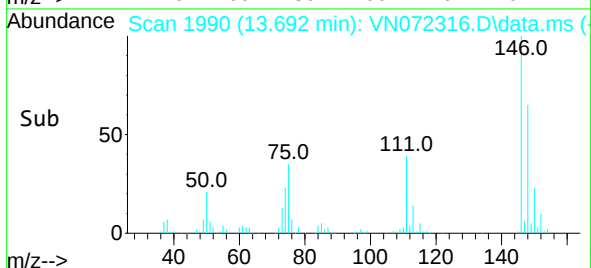
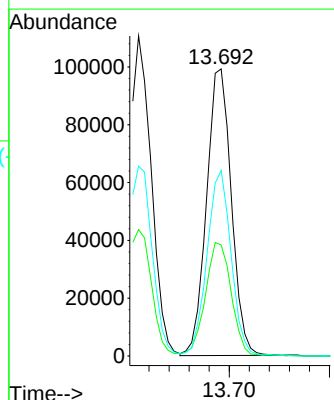
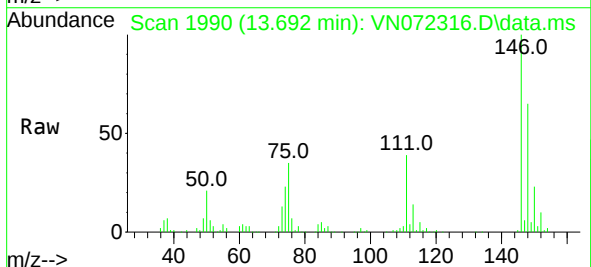
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

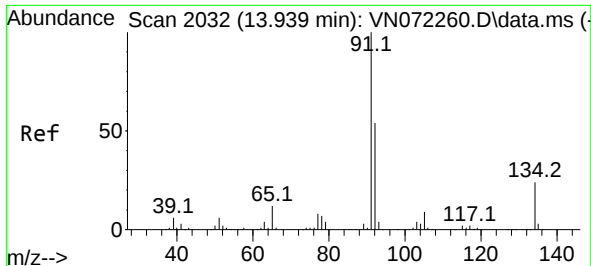
Tgt Ion:146 Resp: 180298
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 60.0
 148 62.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 44.548 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN072316.D
 Acq: 03 May 2022 20:09

Tgt Ion:146 Resp: 170510
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.1 57.1
 148 63.3 31.4 94.3

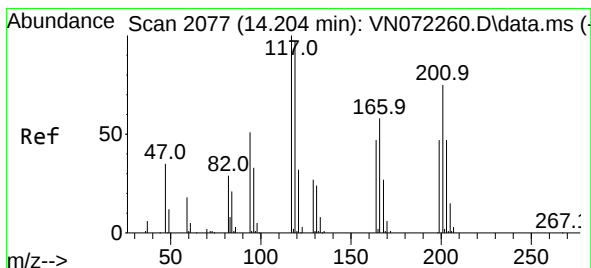
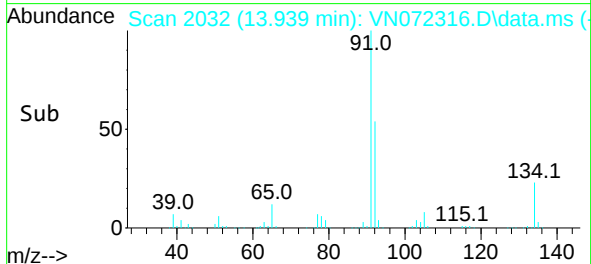
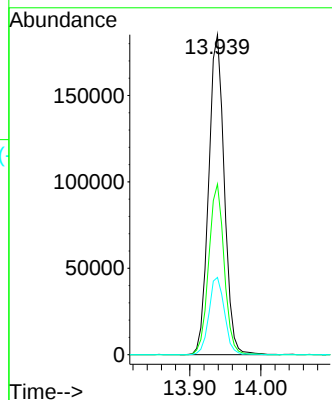
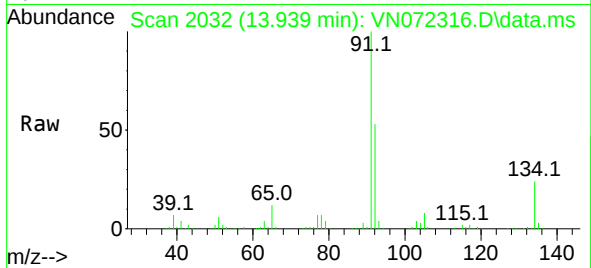




#89
n-Butylbenzene
Concen: 48.400 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

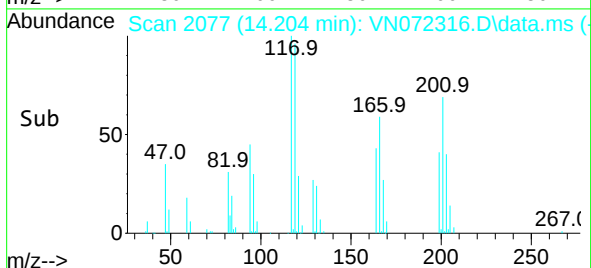
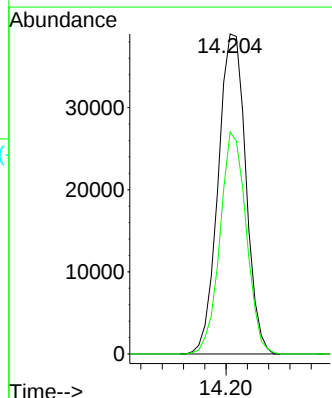
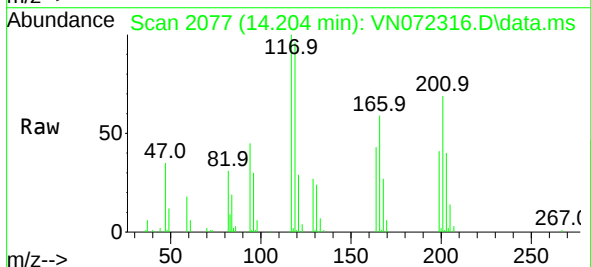
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

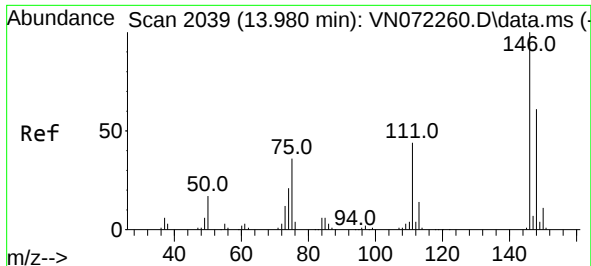
Tgt Ion: 91 Resp: 283335
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 24.2 13.6 40.8



#90
Hexachloroethane
Concen: 42.281 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 117 Resp: 70148
Ion Ratio Lower Upper
117 100
201 65.9 40.6 122.0

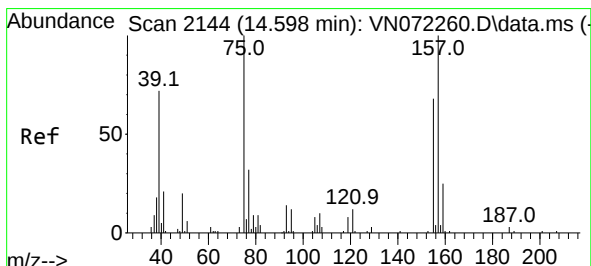
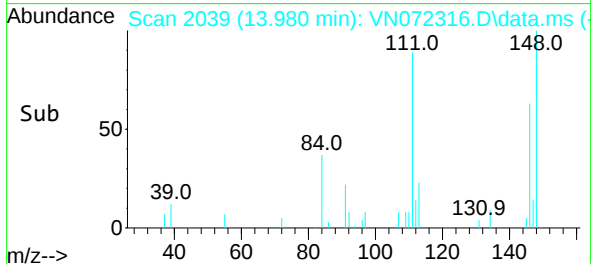
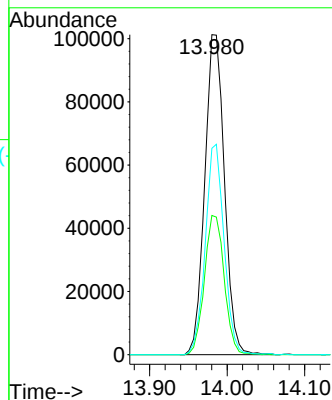
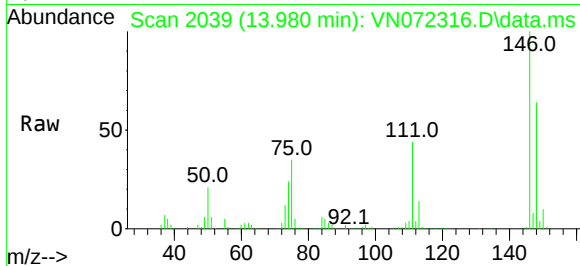




#91
1,2-Dichlorobenzene
Concen: 46.140 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

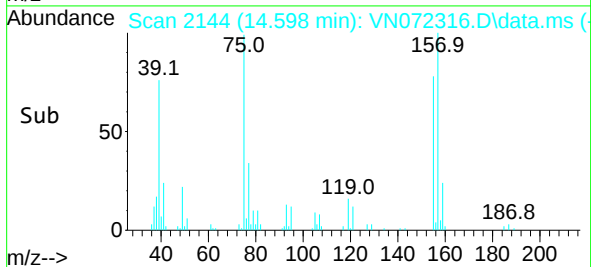
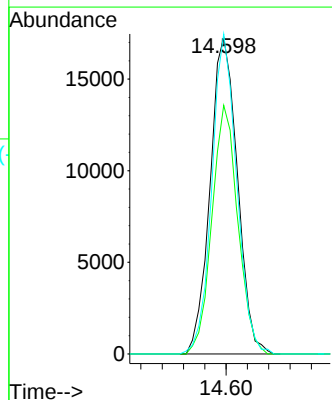
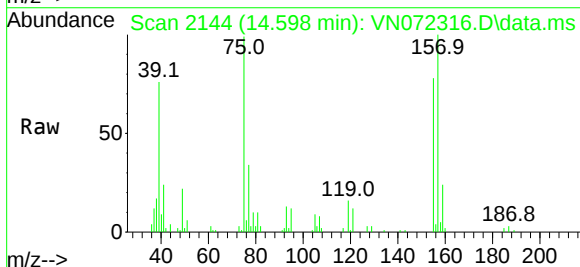
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

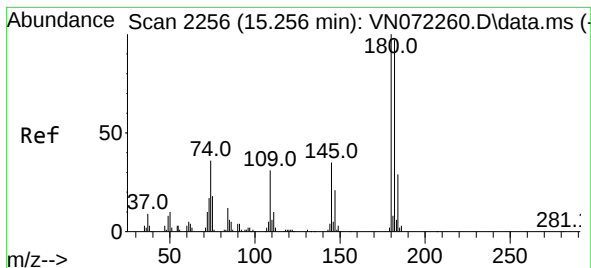
Tgt Ion:146 Resp: 178992
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.8
148 62.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.099 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion: 75 Resp: 30653
Ion Ratio Lower Upper
75 100
155 74.5 44.9 134.5
157 92.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 40.206 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

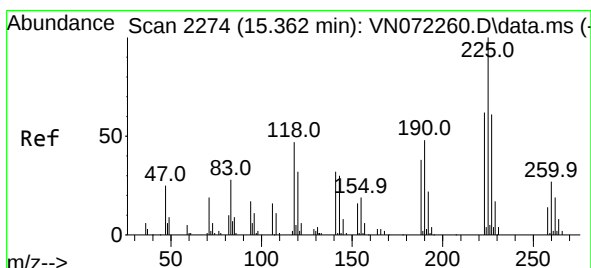
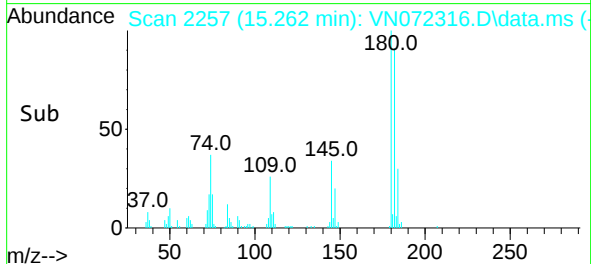
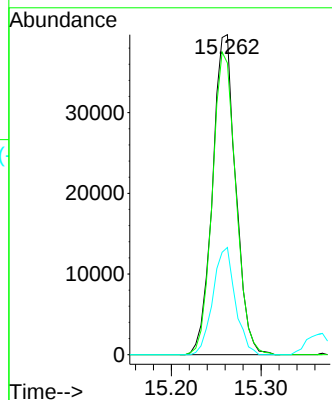
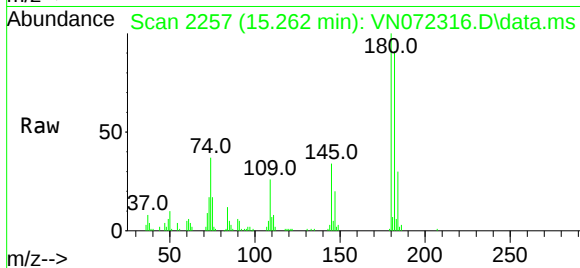
Tgt Ion:180 Resp: 71210

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 32.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 38.779 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. -0.001 min

Lab File: VN072316.D

Acq: 03 May 2022 20:09

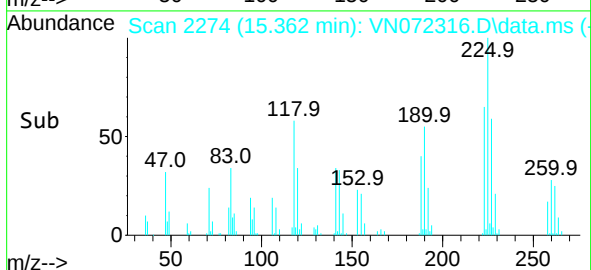
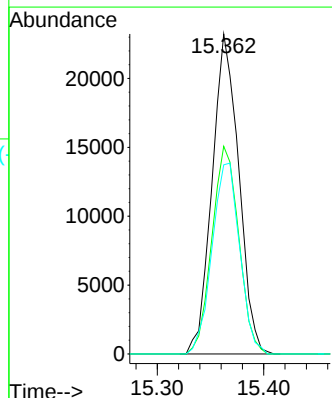
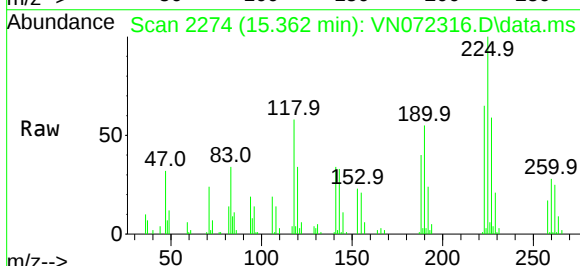
Tgt Ion:225 Resp: 40312

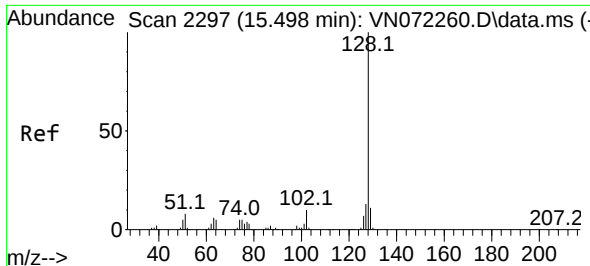
Ion Ratio Lower Upper

225 100

223 65.4 32.4 97.2

227 61.8 31.8 95.4

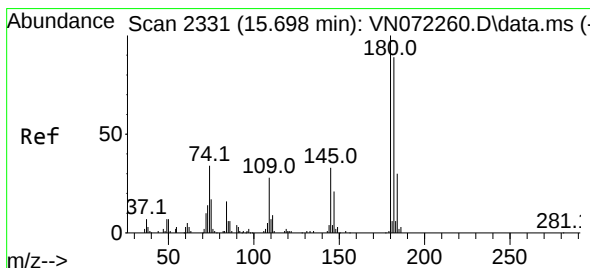
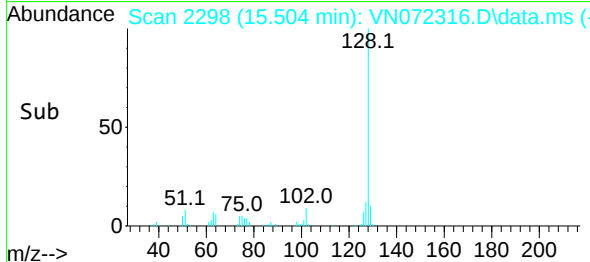
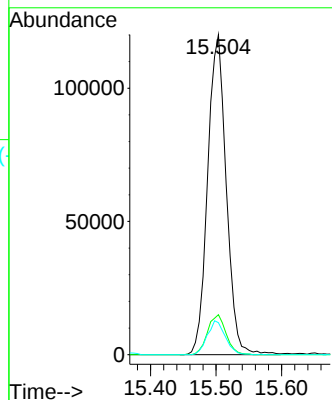
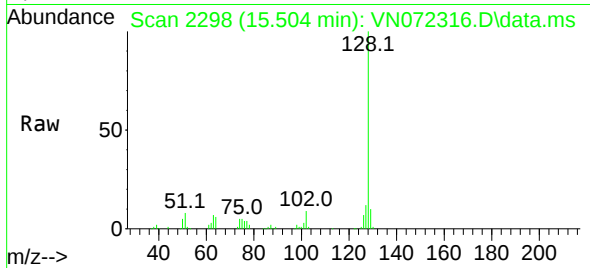




#95
Naphthalene
Concen: 40.242 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 237150
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 42.888 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072316.D
Acq: 03 May 2022 20:09

Tgt Ion:180 Resp: 75936
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 33.2 15.5 46.5

