

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070818.D
 Acq On : 28 Jan 2022 10:15
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 28 23:14:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	571490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	900280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	846010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	391897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	449259	54.852	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.700%	
35) Dibromofluoromethane	8.018	113	310825	55.659	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.320%	
50) Toluene-d8	10.438	98	1253540	53.283	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.728	95	488803	58.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	305250	46.223	ug/l	99
3) Chloromethane	2.306	50	464564	48.127	ug/l	99
4) Vinyl Chloride	2.451	62	526576	57.355	ug/l	98
5) Bromomethane	2.864	94	288252	60.282	ug/l	98
6) Chloroethane	3.027	64	330457	57.678	ug/l	98
7) Trichlorofluoromethane	3.384	101	686974	65.500	ug/l	97
8) Diethyl Ether	3.827	74	205834	44.927	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.213	101	310538	48.989	ug/l	94
10) Methyl Iodide	4.425	142	376305	46.036	ug/l	96
11) Tert butyl alcohol	5.369	59	305549	206.781	ug/l	98
12) 1,1-Dichloroethene	4.186	96	287087	45.409	ug/l	89
13) Acrolein	4.041	56	575058	271.353	ug/l	100
14) Allyl chloride	4.840	41	629265	45.681	ug/l	89
15) Acrylonitrile	5.551	53	1043180	221.920	ug/l	99
16) Acetone	4.282	43	1319646	232.140	ug/l	99
17) Carbon Disulfide	4.532	76	774054	45.080	ug/l	97
18) Methyl Acetate	4.856	43	468302	41.888	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1152944	51.048	ug/l	95
20) Methylene Chloride	5.095	84	348213	46.502	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	310070	48.730	ug/l	85
22) Diisopropyl ether	6.492	45	1297067	47.505	ug/l	94
23) Vinyl Acetate	6.431	43	5521336	238.553	ug/l	95
24) 1,1-Dichloroethane	6.385	63	657102	48.112	ug/l	98
25) 2-Butanone	7.332	43	1603622	224.179	ug/l	94
26) 2,2-Dichloropropane	7.324	77	560226	53.500	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	370027	48.953	ug/l	85
28) Bromochloromethane	7.654	49	291634	47.559	ug/l	# 79
29) Tetrahydrofuran	7.681	42	943603	215.434	ug/l	90
30) Chloroform	7.815	83	660038	49.484	ug/l	99
31) Cyclohexane	8.094	56	629615	43.655	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	577909	54.514	ug/l	97
36) 1,1-Dichloropropene	8.220	75	497593	52.928	ug/l	96
37) Ethyl Acetate	7.410	43	587919	47.104	ug/l	96
38) Carbon Tetrachloride	8.204	117	492492	58.886	ug/l	99
39) Methylcyclohexane	9.459	83	602373	51.901	ug/l	89
40) Benzene	8.458	78	1448395	49.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	295145	46.480	ug/l	90
42) 1,2-Dichloroethane	8.528	62	561152	55.556	ug/l	98
43) Isopropyl Acetate	8.558	43	927091	48.630	ug/l	97
44) Trichloroethene	9.215	130	342290	51.832	ug/l	91
45) 1,2-Dichloropropane	9.485	63	396303	50.002	ug/l	99
46) Dibromomethane	9.574	93	247432	53.690	ug/l	94
47) Bromodichloromethane	9.759	83	528553	56.107	ug/l	99
48) Methyl methacrylate	9.558	41	458902	50.528	ug/l #	79
49) 1,4-Dioxane	9.566	88	111261	815.567	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	2951892	242.661	ug/l	98
52) Toluene	10.502	92	911291	52.298	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	584416	51.102	ug/l	99
54) cis-1,3-Dichloropropene	10.185	75	622109	55.066	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	351383	51.332	ug/l	97
56) Ethyl methacrylate	10.757	69	595128	45.910	ug/l	91
57) 1,3-Dichloropropane	11.041	76	638296	52.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	755811	230.646	ug/l	91
59) 2-Hexanone	11.081	43	2220934	251.320	ug/l	97
60) Dibromochloromethane	11.234	129	374705	58.684	ug/l	98
61) 1,2-Dibromoethane	11.344	107	354810	51.625	ug/l	100
64) Tetrachloroethene	10.974	164	310023	49.980	ug/l	95
65) Chlorobenzene	11.768	112	953438	52.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	353837	56.058	ug/l	99
67) Ethyl Benzene	11.843	91	1824726	53.694	ug/l	96
68) m/p-Xylenes	11.950	106	1342353	108.580	ug/l	89
69) o-Xylene	12.277	106	649308	52.924	ug/l	87
70) Styrene	12.291	104	1089822	55.526	ug/l	94
71) Bromoform	12.454	173	278097	58.327	ug/l #	99
73) Isopropylbenzene	12.575	105	1775057	47.877	ug/l	97
74) N-amyl acetate	12.385	43	678778	44.778	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	551403	44.038	ug/l	99
76) 1,2,3-Trichloropropane	12.876	75	697228	67.079	ug/l	77
77) Bromobenzene	12.857	156	399284	48.033	ug/l	76
78) n-propylbenzene	12.918	91	2111354	50.921	ug/l	96
79) 2-Chlorotoluene	13.004	91	1262167	48.122	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1502978	50.129	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	169217	48.501	ug/l	96
82) 4-Chlorotoluene	13.101	91	1262009	51.498	ug/l	91
83) tert-Butylbenzene	13.321	119	1297899	49.730	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	1478187	51.291	ug/l	96
85) sec-Butylbenzene	13.498	105	1847566	52.071	ug/l	97
86) p-Isopropyltoluene	13.613	119	1513768	54.310	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	725336	52.454	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	707924	51.443	ug/l	96
89) n-Butylbenzene	13.940	91	1293163	56.239	ug/l	97
90) Hexachloroethane	14.208	117	262740	53.926	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	686804	50.271	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	103938	48.936	ug/l	76
93) 1,2,4-Trichlorobenzene	15.262	180	348548	48.267	ug/l	98
94) Hexachlorobutadiene	15.367	225	234885	58.050	ug/l	99
95) Naphthalene	15.504	128	773457	39.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	318879	46.327	ug/l	97

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ClientSampleId :
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QLast Update : Tue Jan 18 13:32:07 2022
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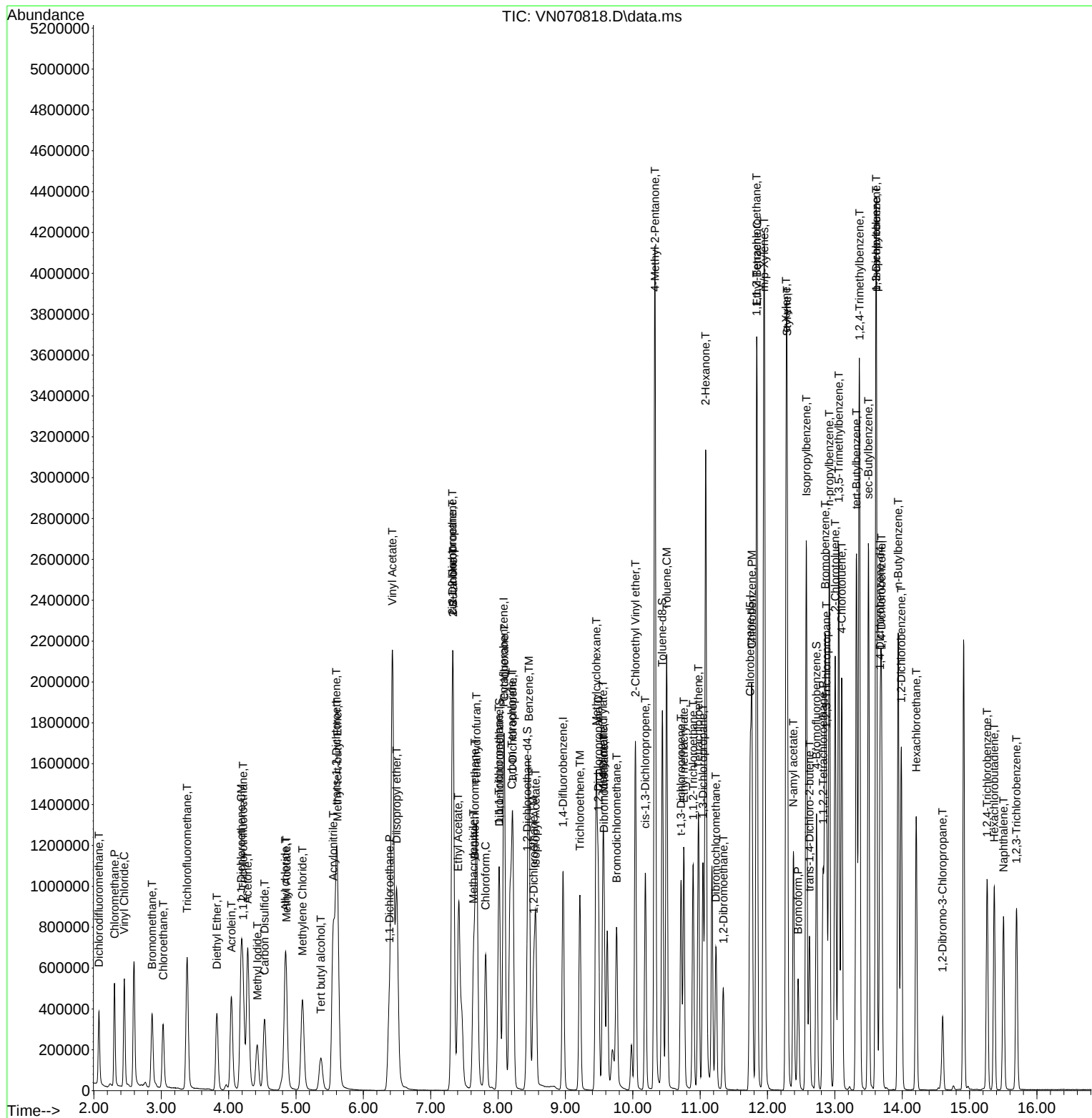
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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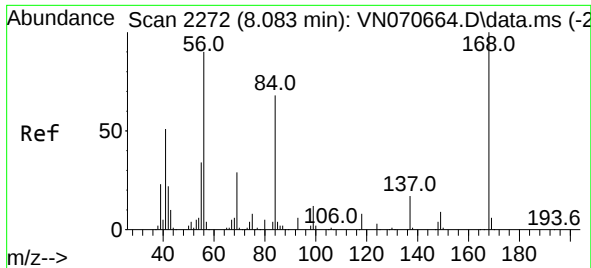
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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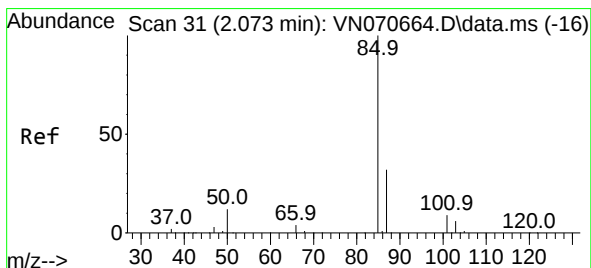
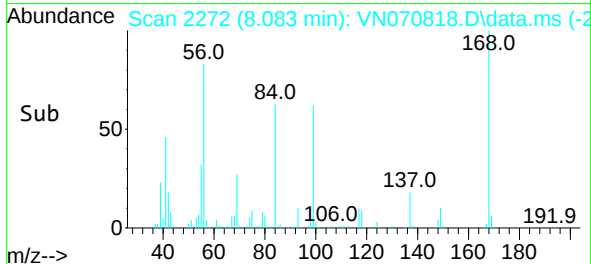
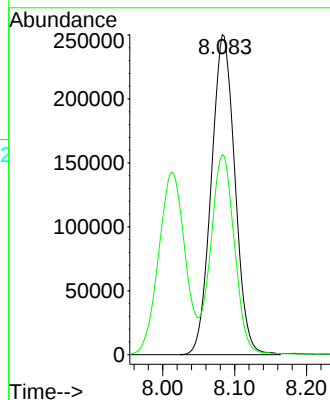
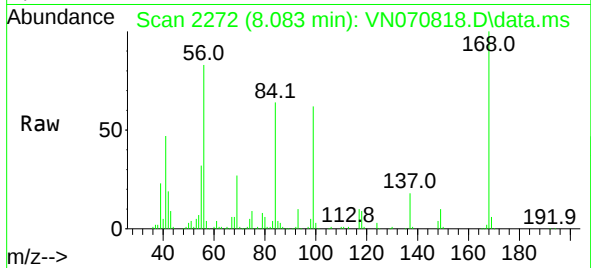




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
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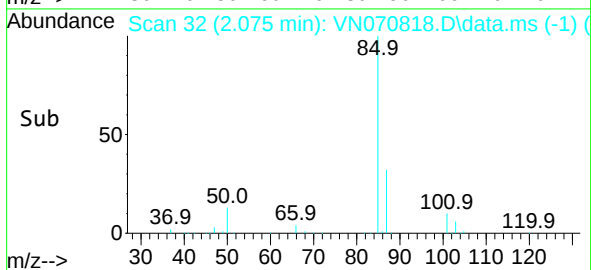
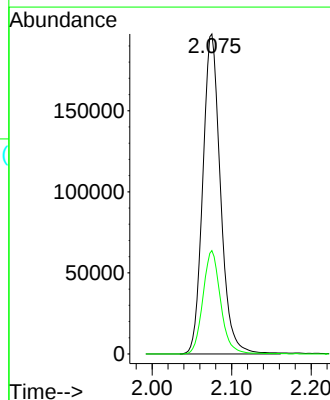
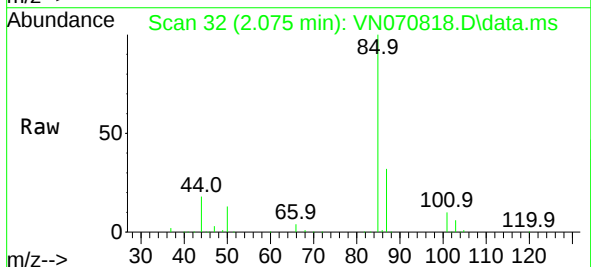
Instrument :
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VSTDCCC050

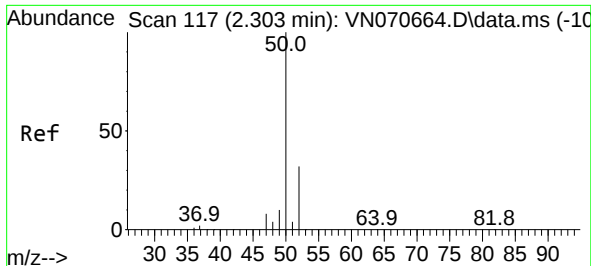
Tgt Ion:168 Resp: 571490
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9#



#2
Dichlorodifluoromethane
Concen: 46.223 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 85 Resp: 305250
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9

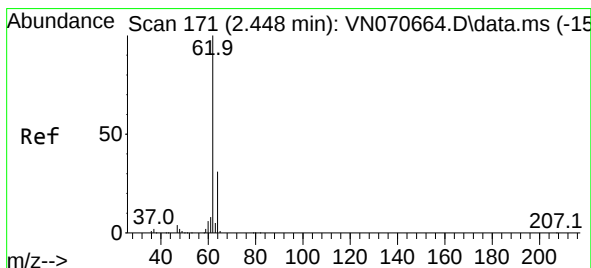
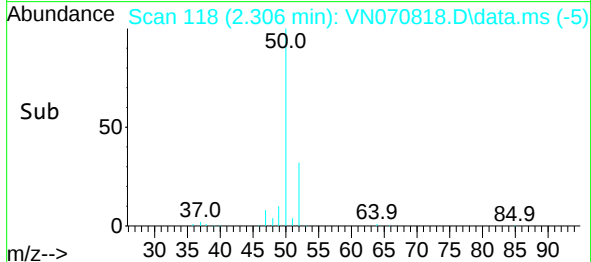
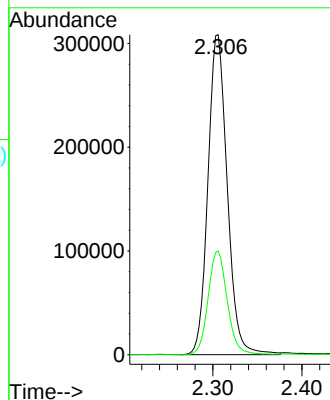
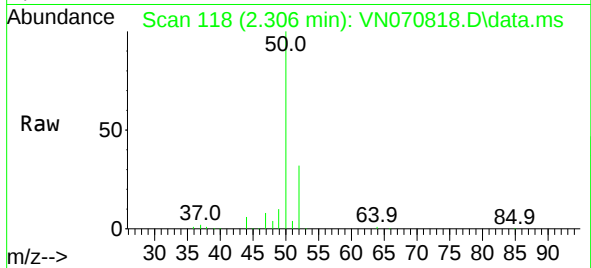




#3
Chloromethane
Concen: 48.127 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

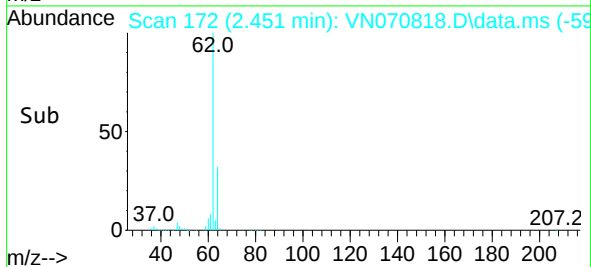
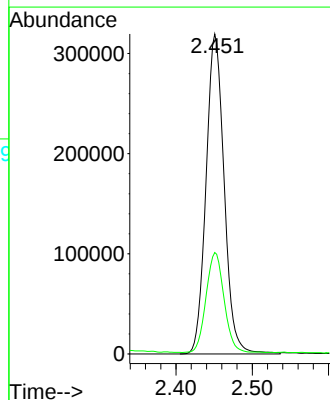
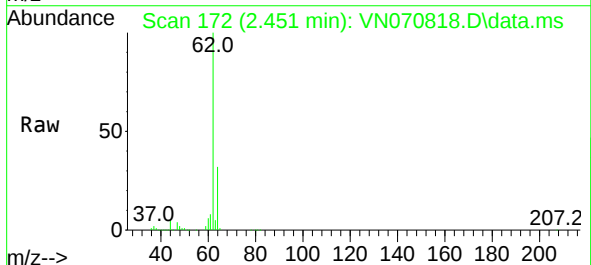
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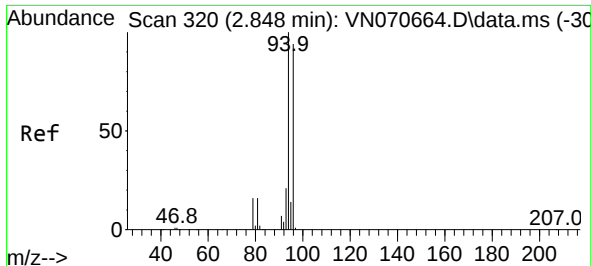
Tgt Ion: 50 Resp: 464564
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0



#4
Vinyl Chloride
Concen: 57.355 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 62 Resp: 526576
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6

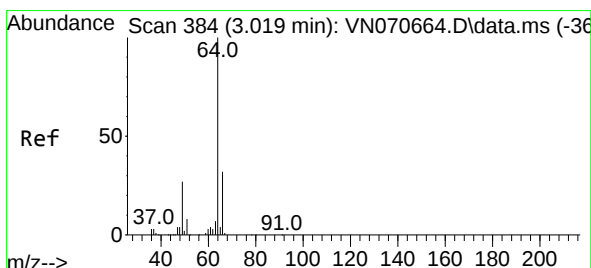
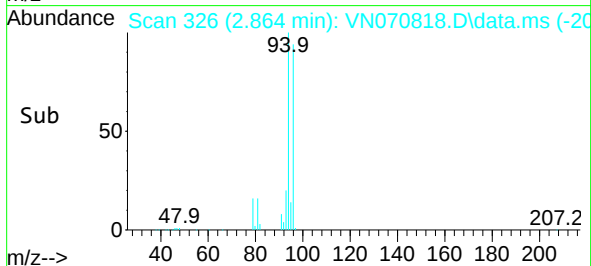
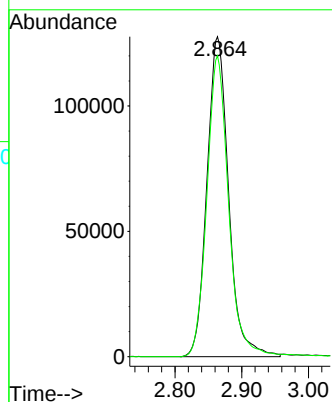
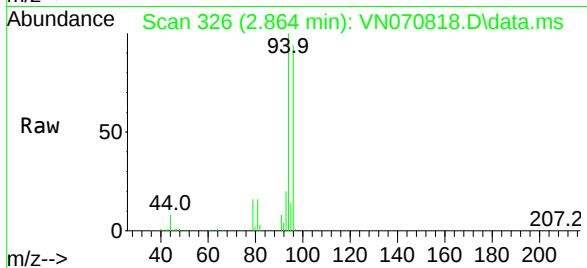




#5
Bromomethane
Concen: 60.282 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.016 min
Lab File: VN070818.D
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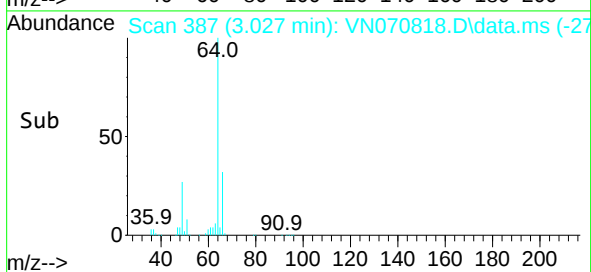
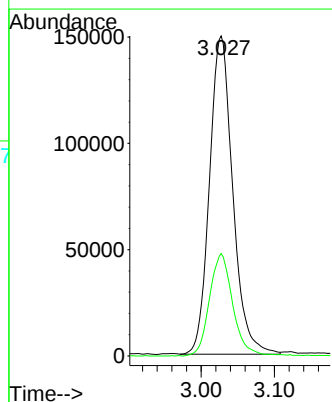
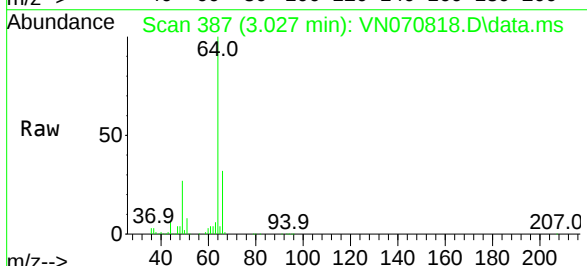
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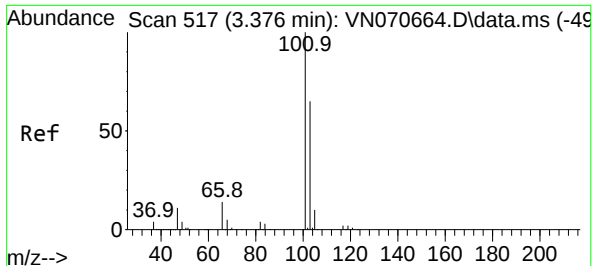
Tgt Ion: 94 Resp: 288252
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8



#6
Chloroethane
Concen: 57.678 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070818.D
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Tgt Ion: 64 Resp: 330457
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5

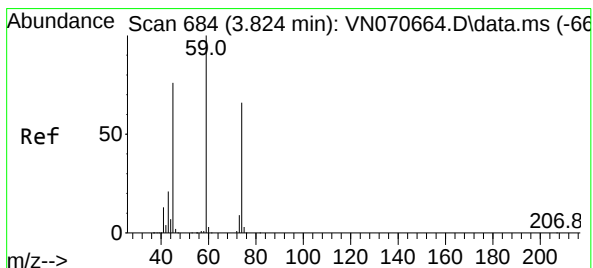
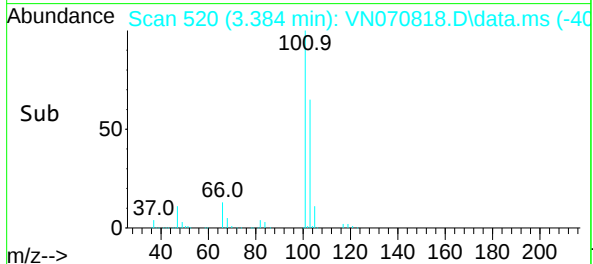
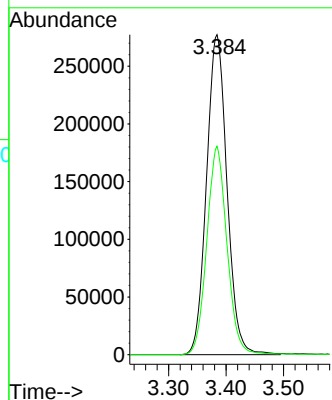
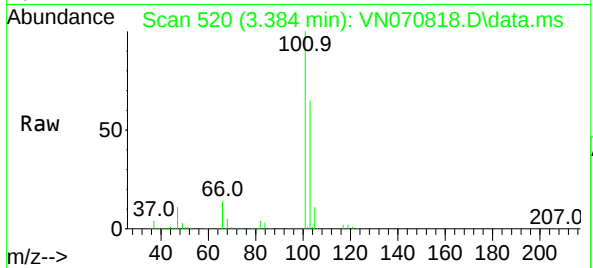




#7
Trichlorofluoromethane
Concen: 65.500 ug/l
RT: 3.384 min Scan# 517
Delta R.T. 0.008 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

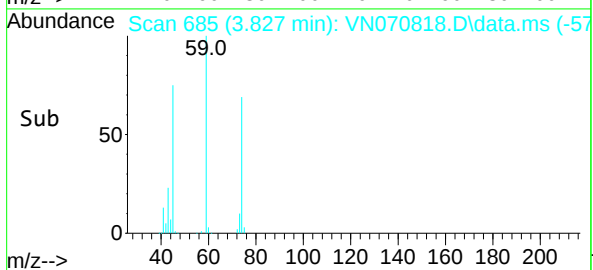
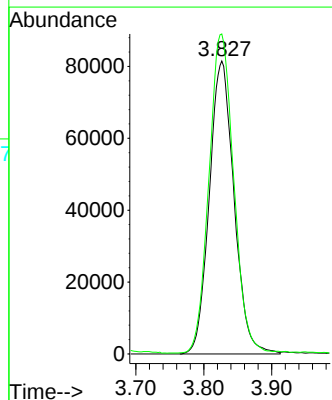
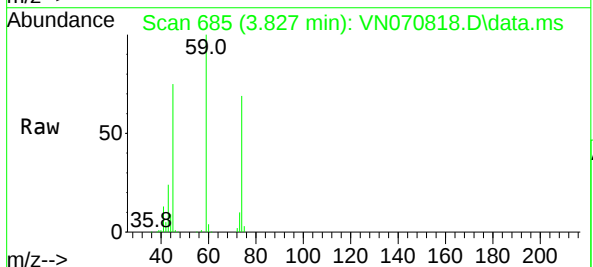
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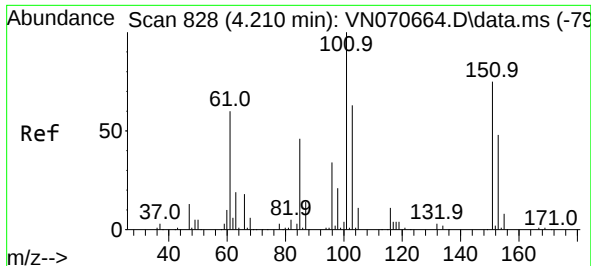
Tgt Ion:101 Resp: 686974
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1



#8
Diethyl Ether
Concen: 44.927 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 74 Resp: 205834
Ion Ratio Lower Upper
74 100
45 109.1 47.0 141.2

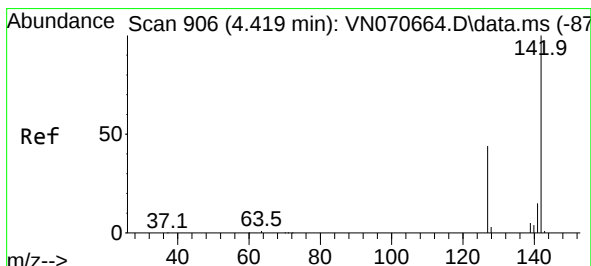
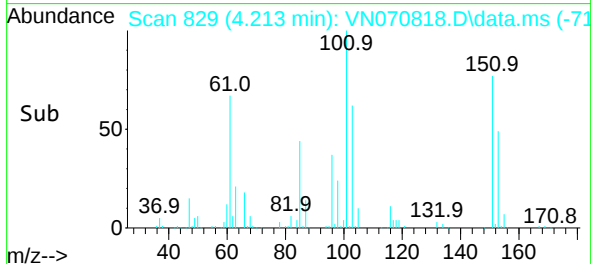
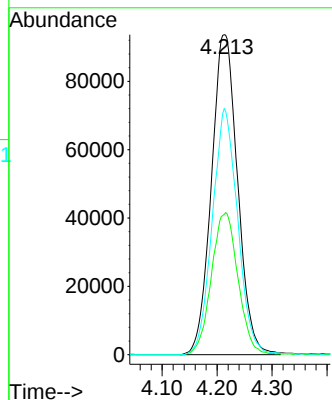
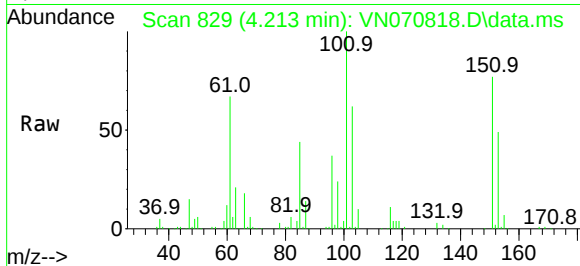




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.989 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

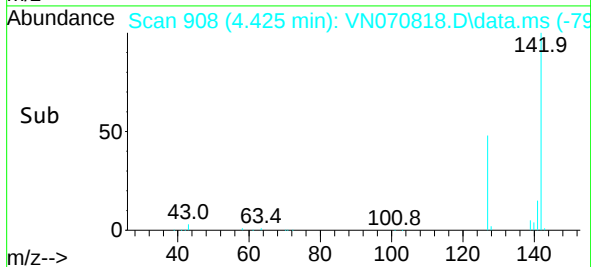
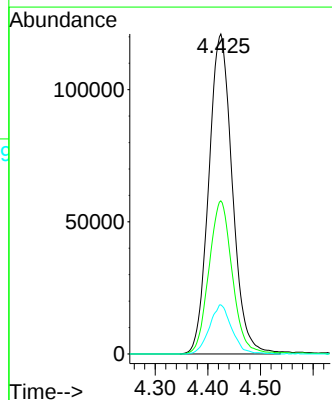
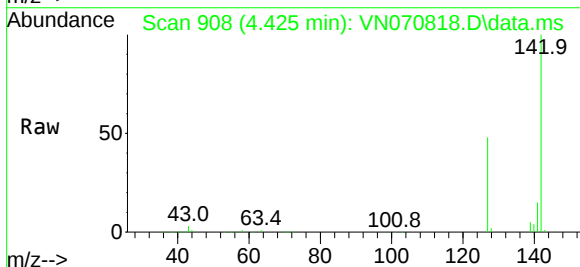
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

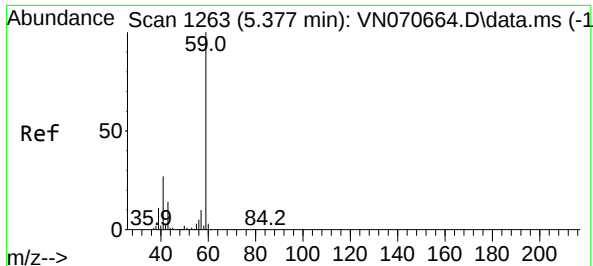
Tgt Ion:101 Resp: 310538
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 74.5 65.9 98.9



#10
Methyl Iodide
Concen: 46.036 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:142 Resp: 376305
Ion Ratio Lower Upper
142 100
127 47.4 35.4 53.0
141 14.5 11.6 17.4

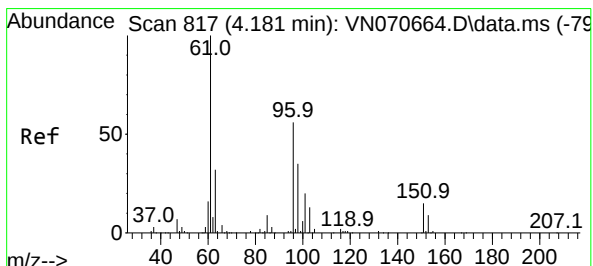
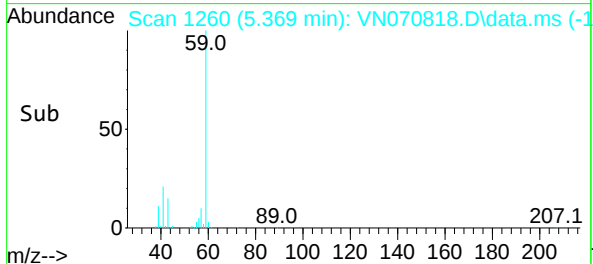
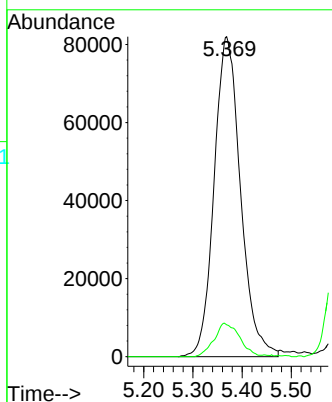
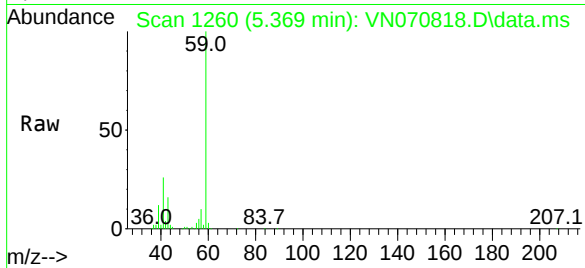




#11
Tert butyl alcohol
Concen: 206.781 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

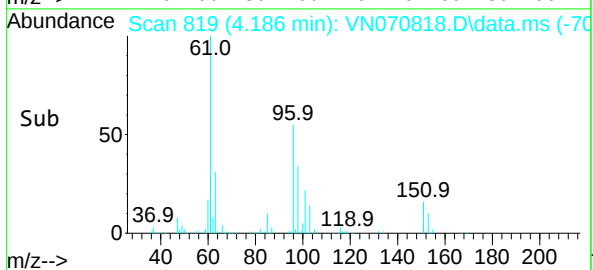
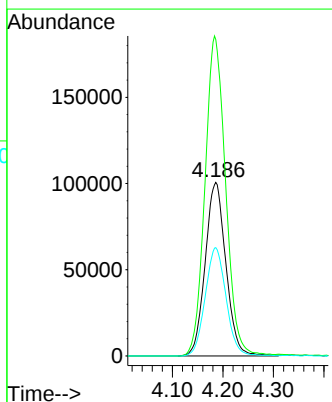
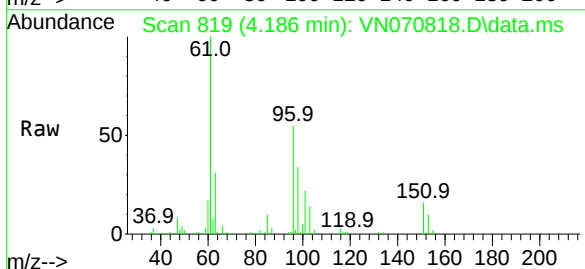
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 305549
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1



#12
1,1-Dichloroethene
Concen: 45.409 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.005 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 96 Resp: 287087
Ion Ratio Lower Upper
96 100
61 182.2 131.0 196.6
98 62.4 52.4 78.6

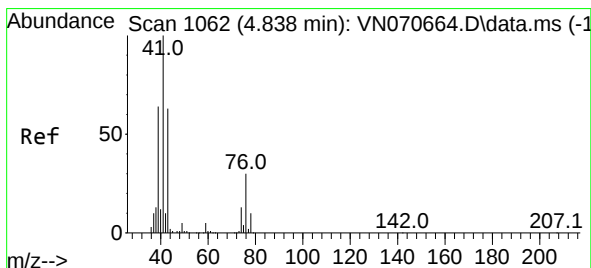
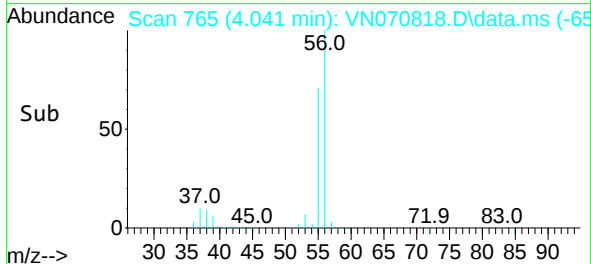
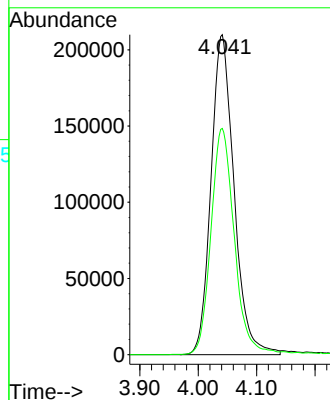
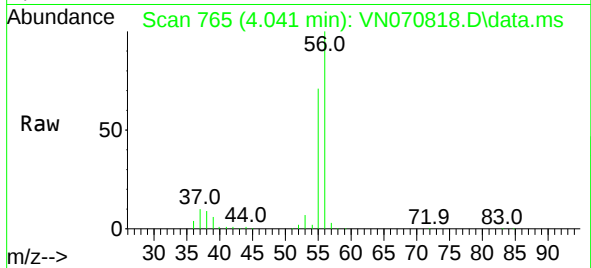




#13
Acrolein
Concen: 271.353 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

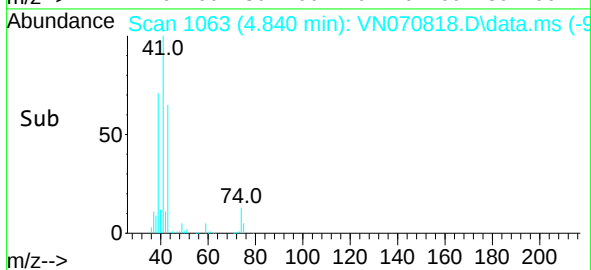
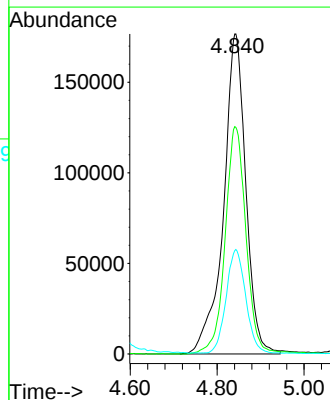
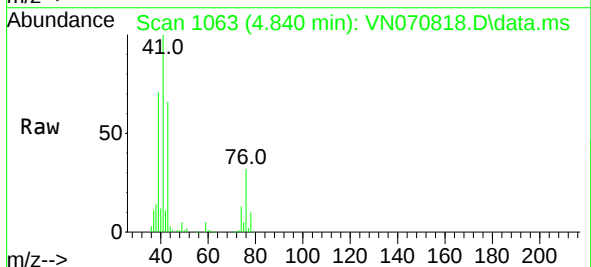
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

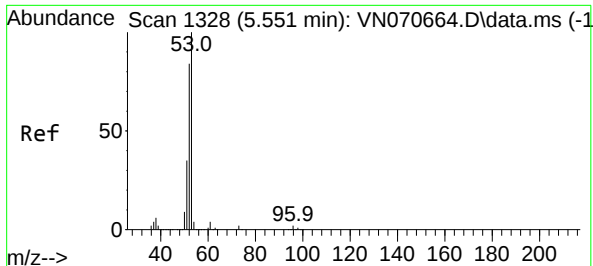
Tgt Ion: 56 Resp: 575058
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0



#14
Allyl chloride
Concen: 45.681 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 41 Resp: 629265
Ion Ratio Lower Upper
41 100
39 66.3 61.2 91.8
76 28.2 26.0 39.0

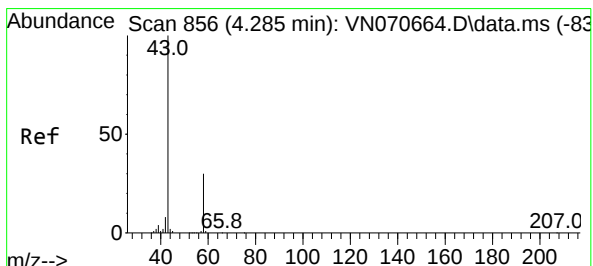
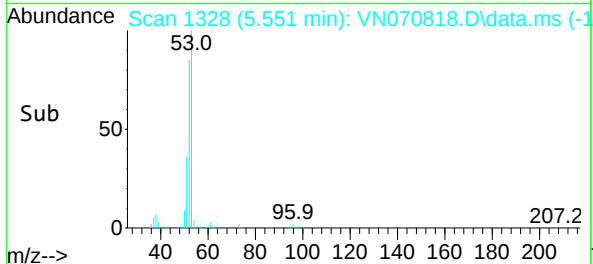
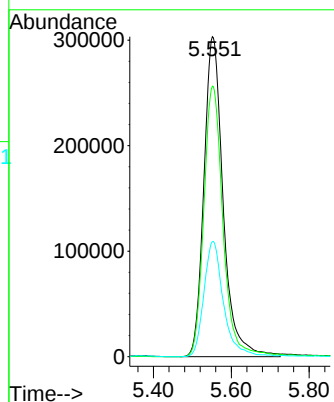
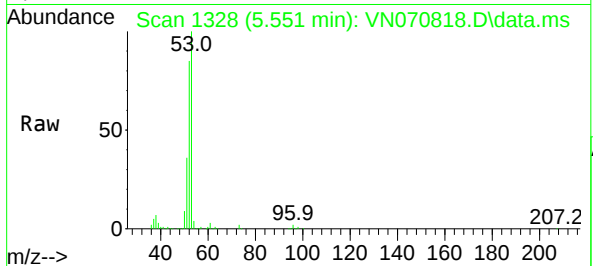




#15
Acrylonitrile
Concen: 221.920 ug/l
RT: 5.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

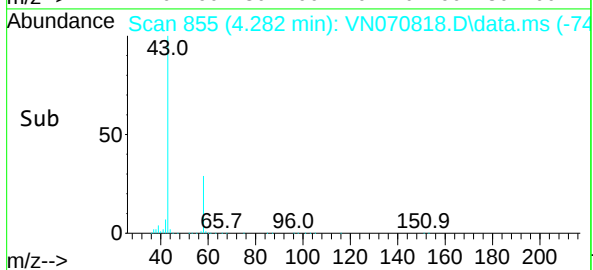
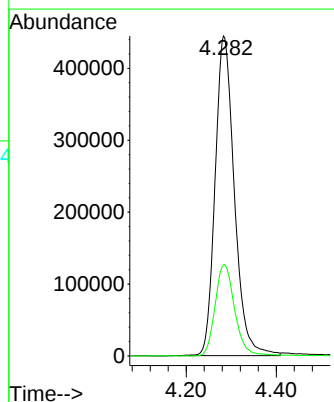
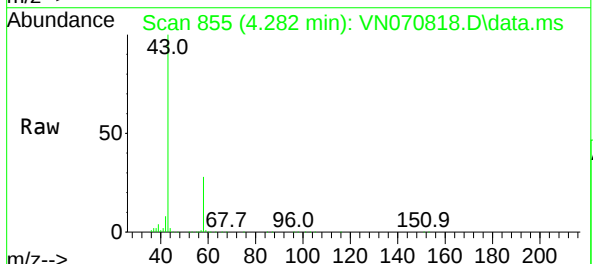
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

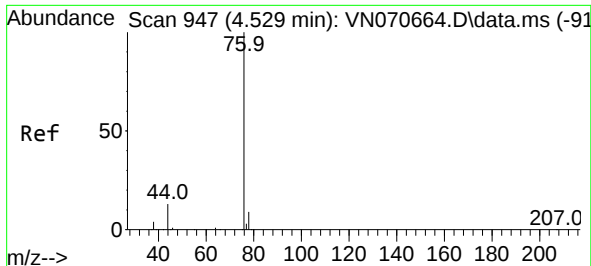
Tgt Ion: 53 Resp: 1043180
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 36.4 29.6 44.4



#16
Acetone
Concen: 232.140 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 43 Resp: 1319646
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7

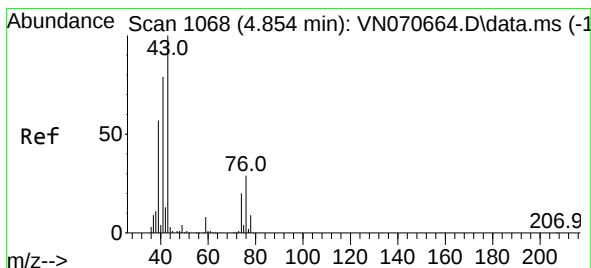
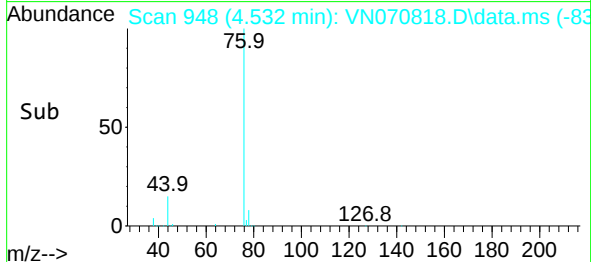
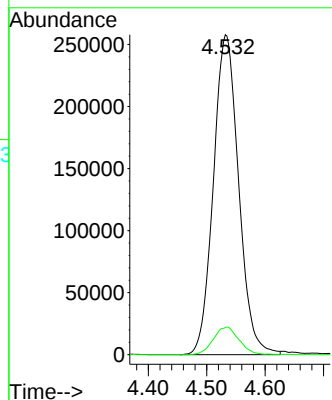
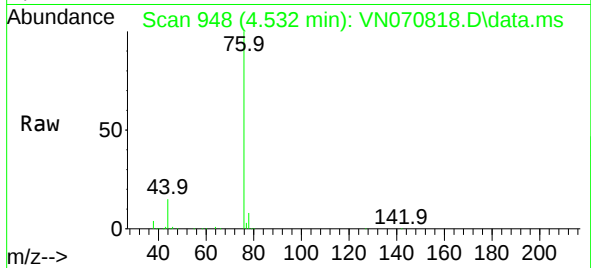




#17
Carbon Disulfide
Concen: 45.080 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

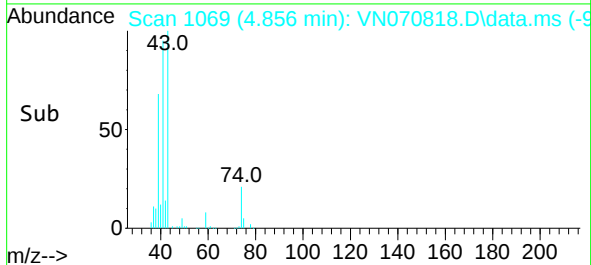
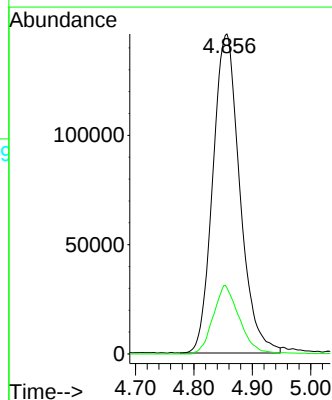
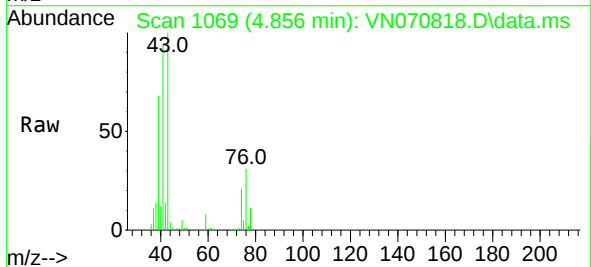
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

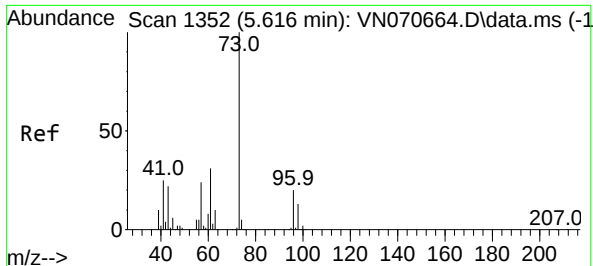
Tgt Ion: 76 Resp: 774054
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 41.888 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 43 Resp: 468302
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.048 ug/l

RT: 5.615 min Scan# 1152

Delta R.T. -0.001 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

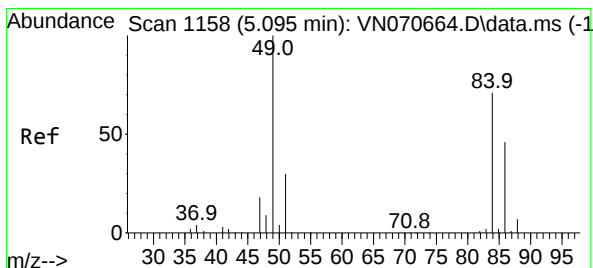
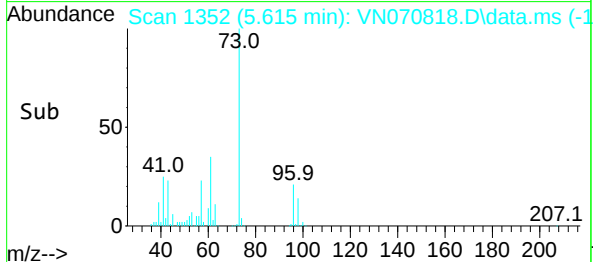
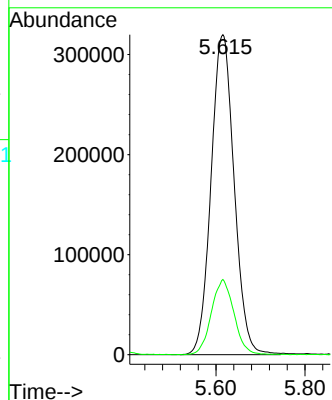
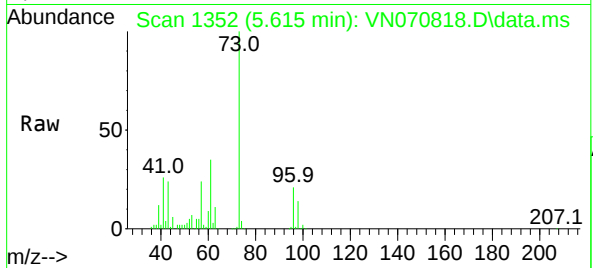
VSTDCCC050

Tgt Ion: 73 Resp: 1152944

Ion Ratio Lower Upper

73 100

57 23.4 16.8 25.2



#20

Methylene Chloride

Concen: 46.502 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Tgt Ion: 84 Resp: 348213

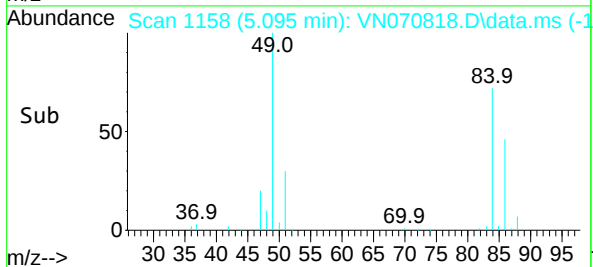
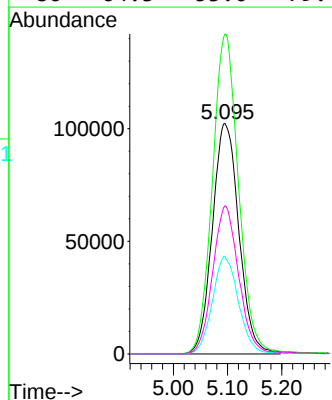
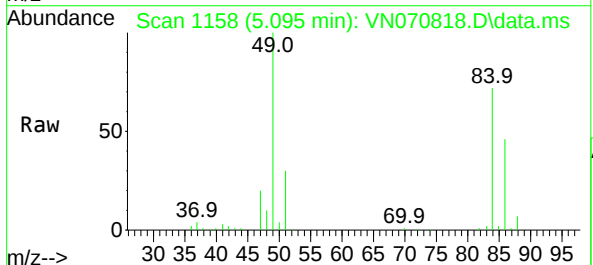
Ion Ratio Lower Upper

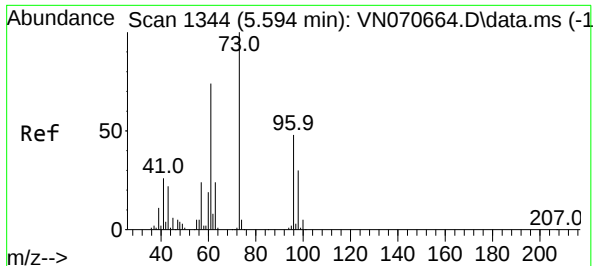
84 100

49 138.9 93.5 140.3

51 42.3 29.4 44.2

86 64.3 53.0 79.4

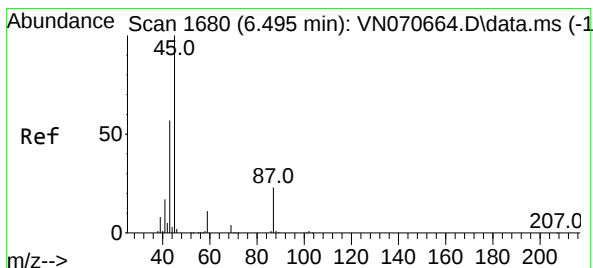
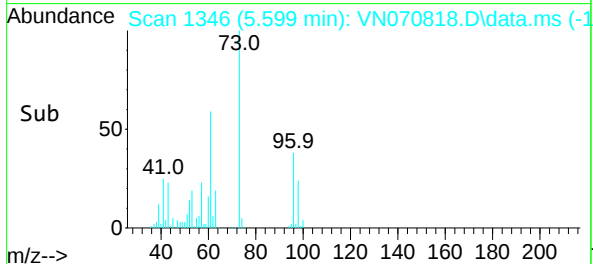
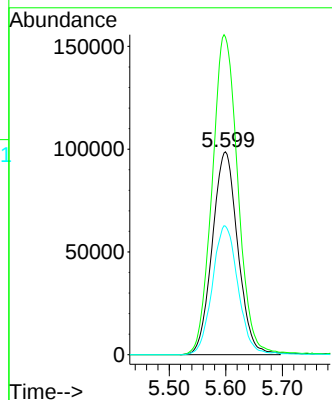
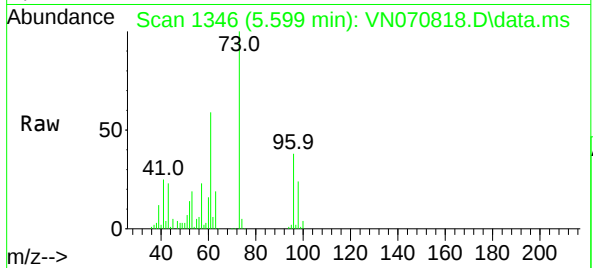




#21
trans-1,2-Dichloroethene
Concen: 48.730 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

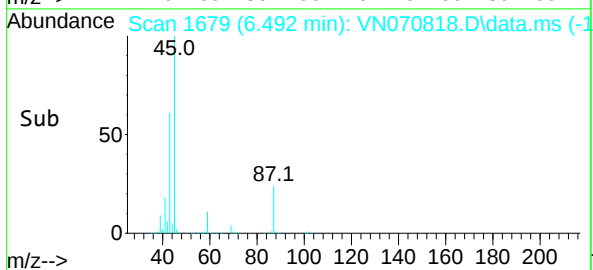
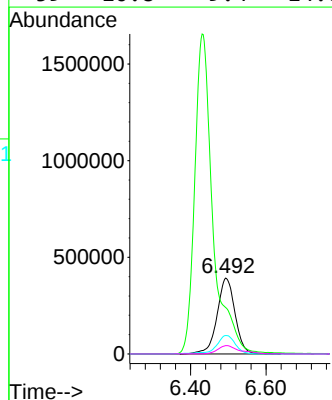
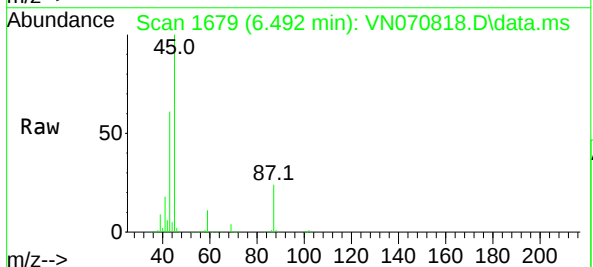
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

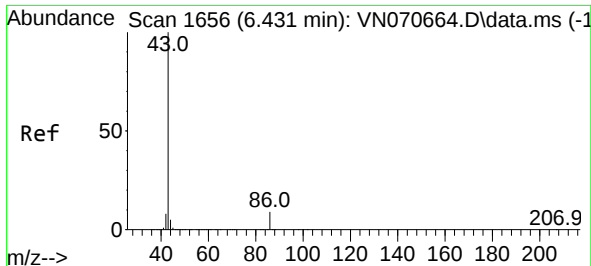
Tgt Ion: 96 Resp: 310070
Ion Ratio Lower Upper
96 100
61 156.5 105.8 158.6
98 63.3 52.0 78.0



#22
Diisopropyl ether
Concen: 47.505 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 45 Resp: 1297067
Ion Ratio Lower Upper
45 100
43 59.9 51.7 77.5
87 24.1 23.2 34.8
59 10.8 9.4 14.0

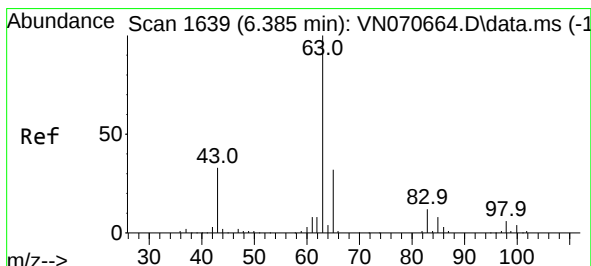
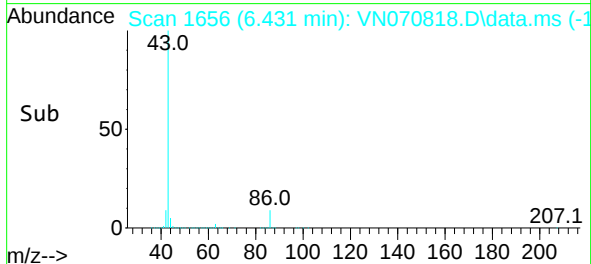
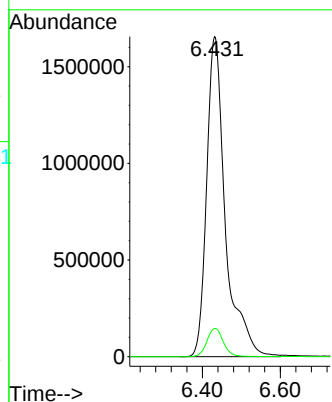
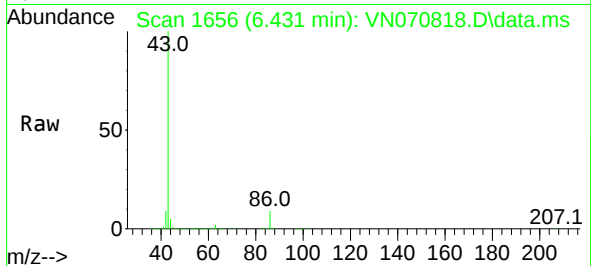




#23
 Vinyl Acetate
 Concen: 238.553 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

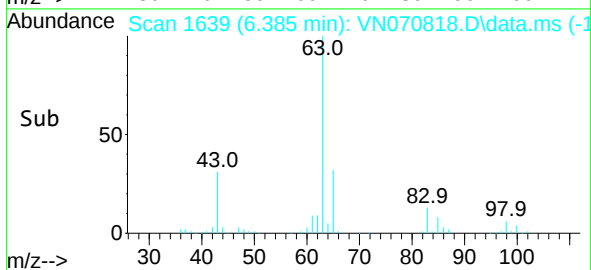
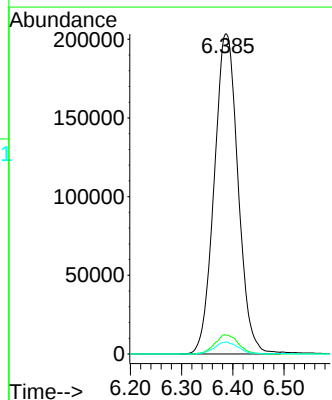
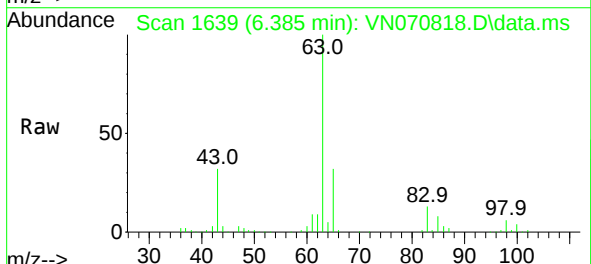
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

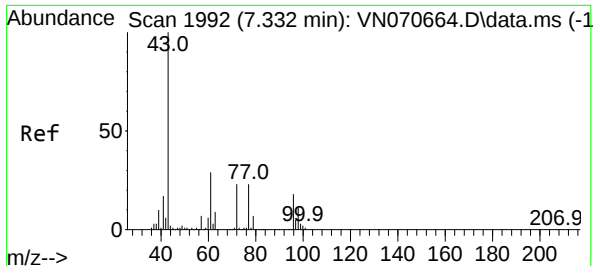
Tgt Ion: 43 Resp: 5521336
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.112 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion: 63 Resp: 657102
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 224.179 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

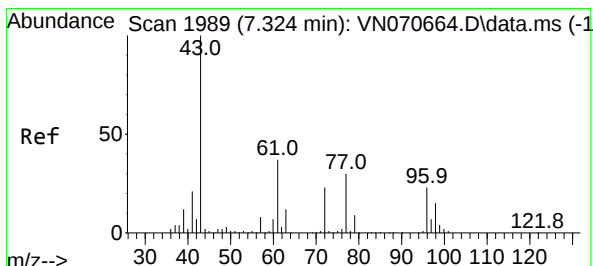
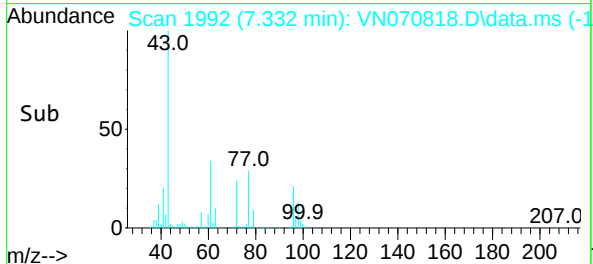
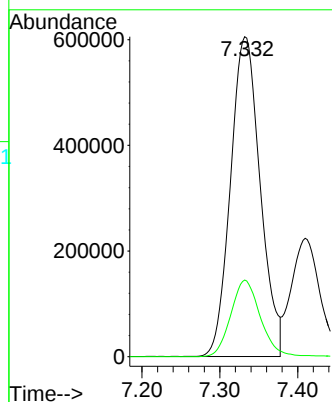
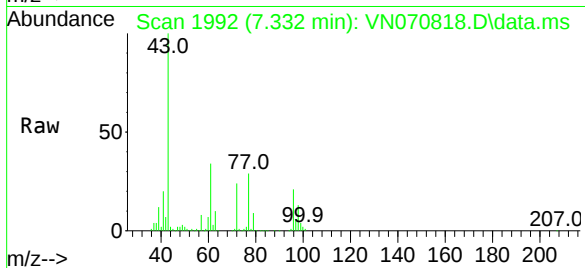
VSTDCCC050

Tgt Ion: 43 Resp: 1603622

Ion Ratio Lower Upper

43 100

72 24.0 21.7 32.5



#26

2,2-Dichloropropane

Concen: 53.500 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070818.D

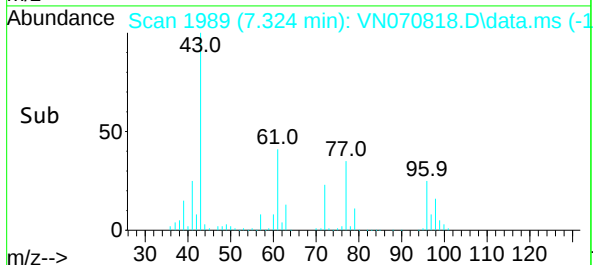
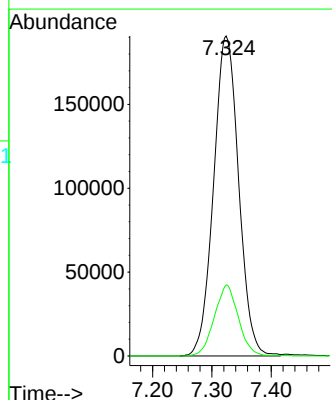
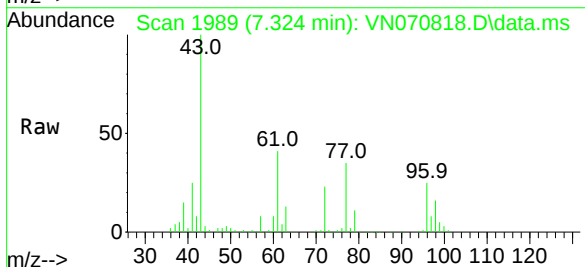
Acq: 28 Jan 2022 10:15

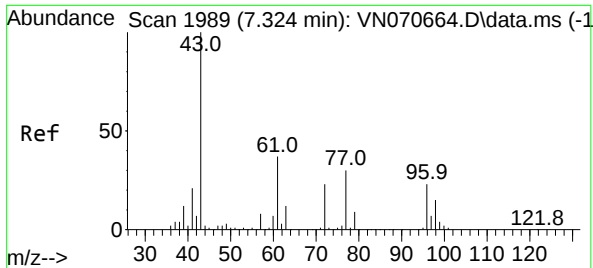
Tgt Ion: 77 Resp: 560226

Ion Ratio Lower Upper

77 100

97 21.2 11.6 34.8

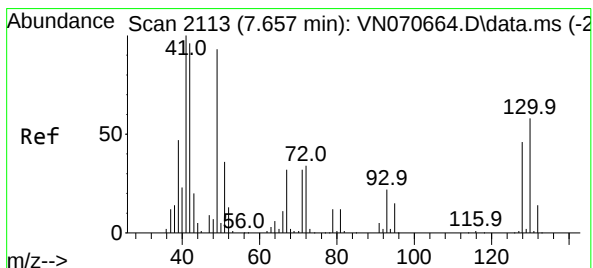
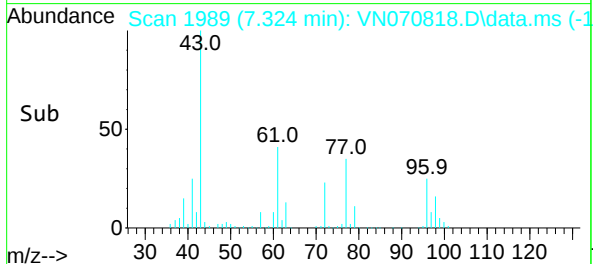
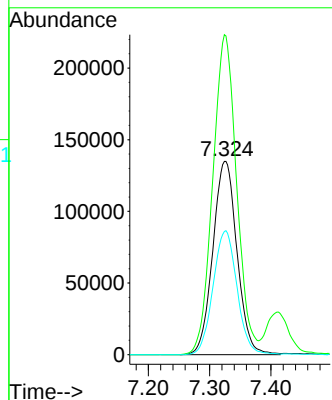
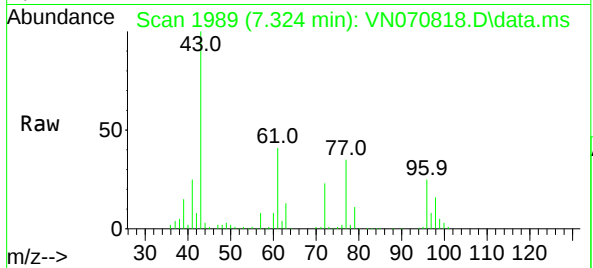




#27
 cis-1,2-Dichloroethene
 Concen: 48.953 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

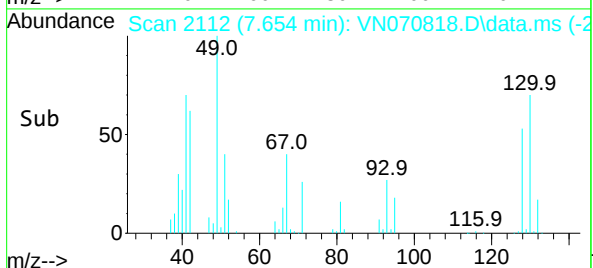
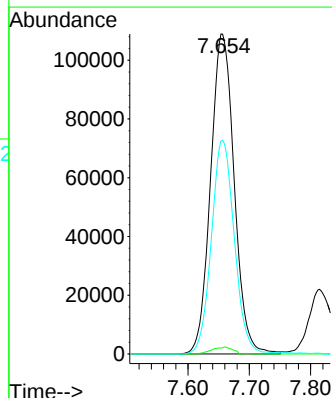
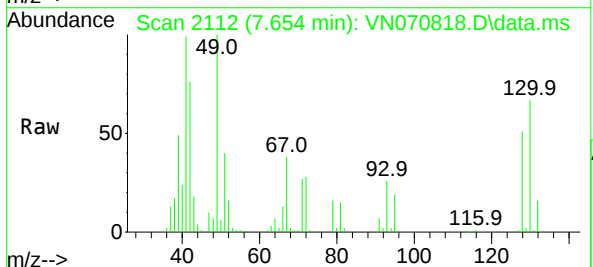
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 370027
 Ion Ratio Lower Upper
 96 100
 61 163.3 0.0 275.0
 98 63.7 0.0 129.6



#28
 Bromochloromethane
 Concen: 47.559 ug/l
 RT: 7.654 min Scan# 2112
 Delta R.T. -0.003 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion: 49 Resp: 291634
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 65.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 215.434 ug/l

RT: 7.681 min Scan# 2122

Delta R.T. -0.002 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

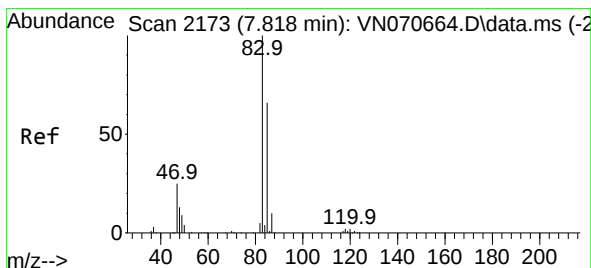
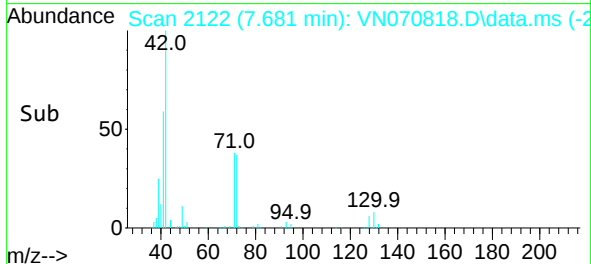
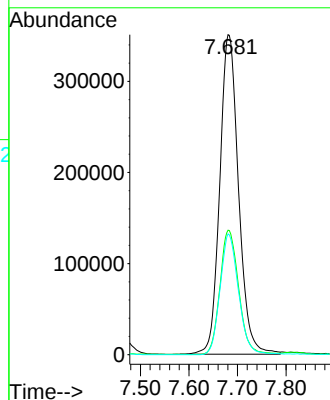
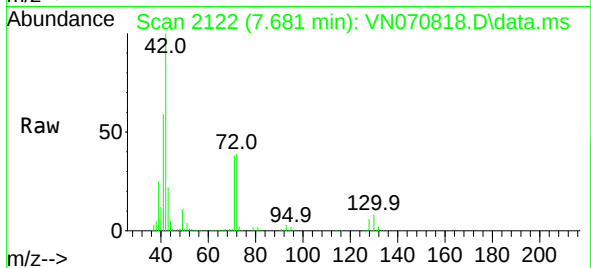
Tgt Ion: 42 Resp: 943603

Ion Ratio Lower Upper

42 100

72 38.7 36.3 54.5

71 36.9 34.7 52.1



#30

Chloroform

Concen: 49.484 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN070818.D

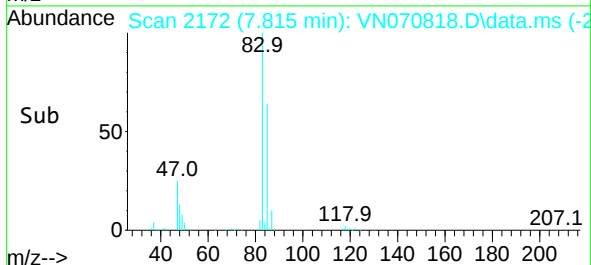
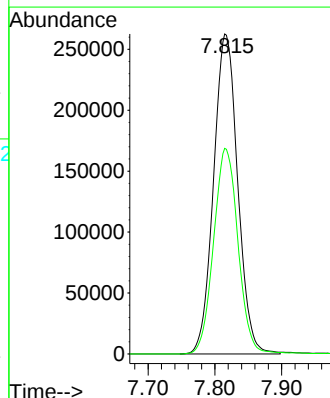
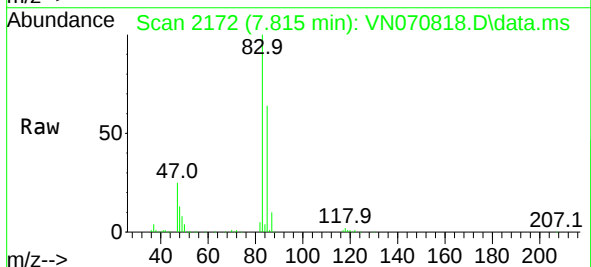
Acq: 28 Jan 2022 10:15

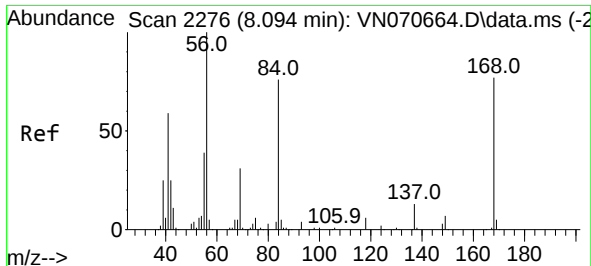
Tgt Ion: 83 Resp: 660038

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9

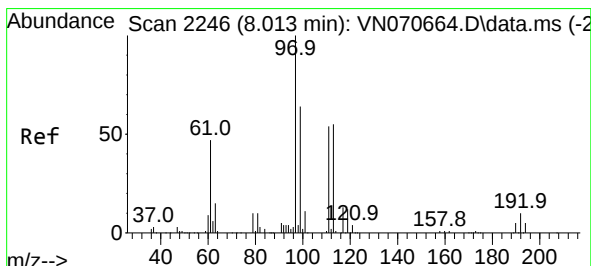
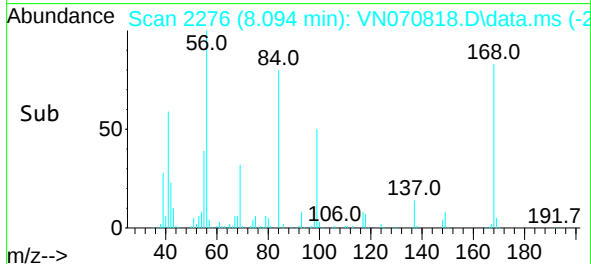
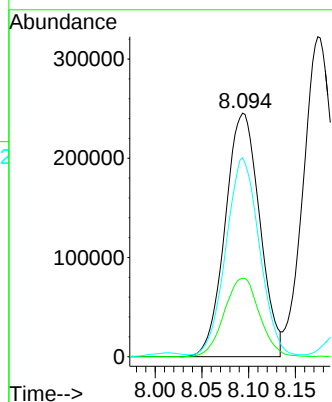
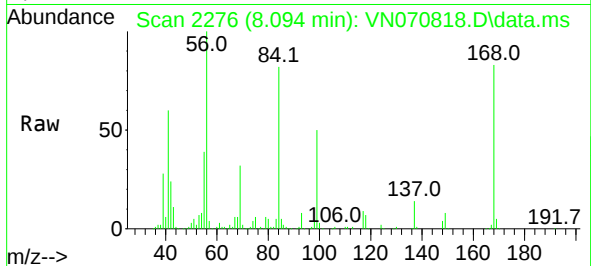




#31
Cyclohexane
Concen: 43.655 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

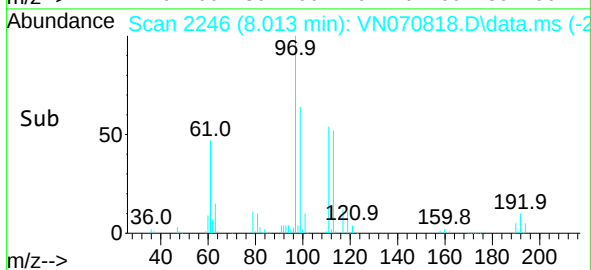
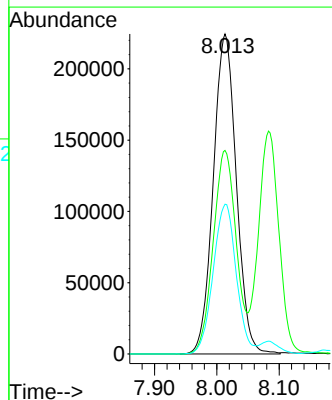
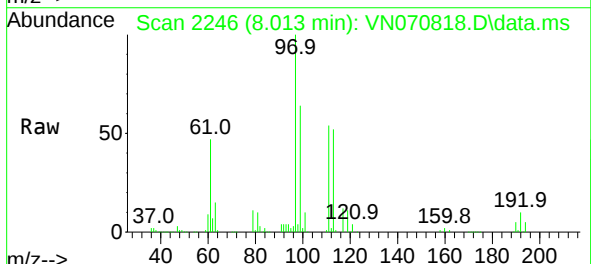
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

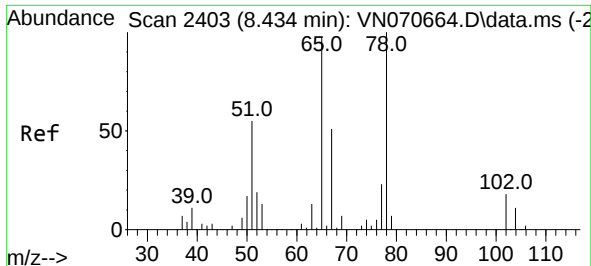
Tgt Ion: 56 Resp: 629615
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 80.5 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 54.514 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 97 Resp: 577909
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 47.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.852 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

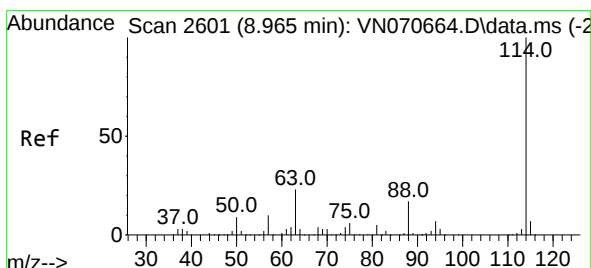
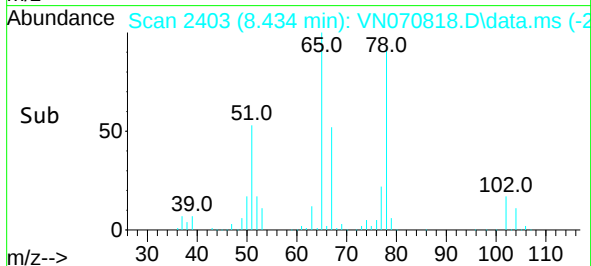
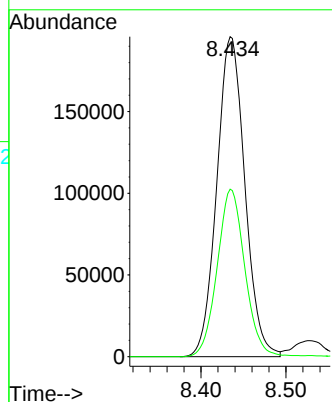
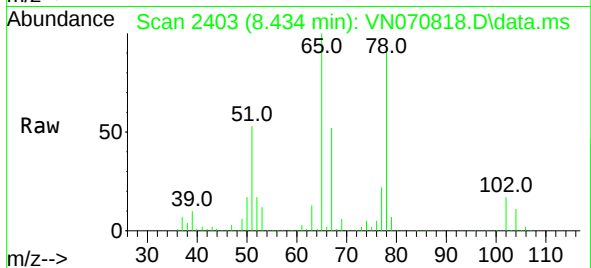
VSTDCCC050

Tgt Ion: 65 Resp: 449259

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

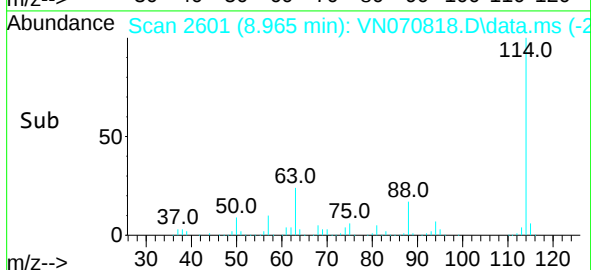
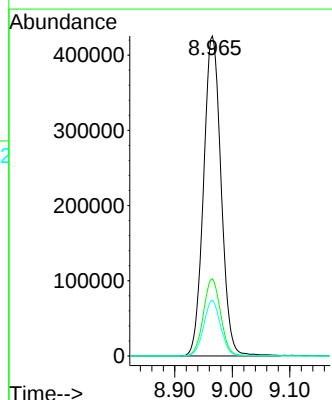
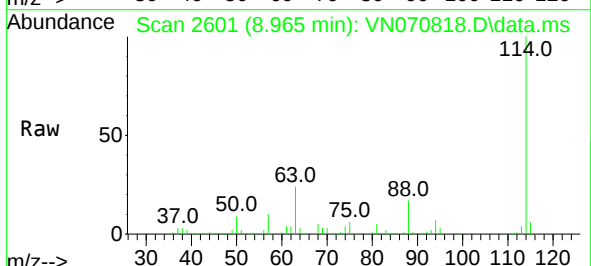
Tgt Ion: 114 Resp: 900280

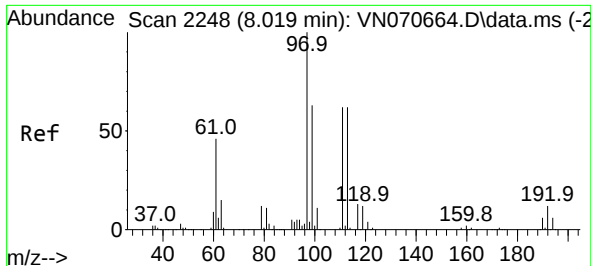
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 17.5 0.0 27.4

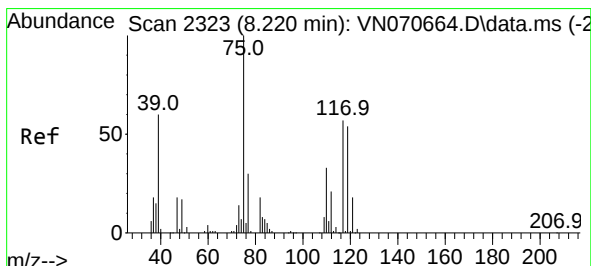
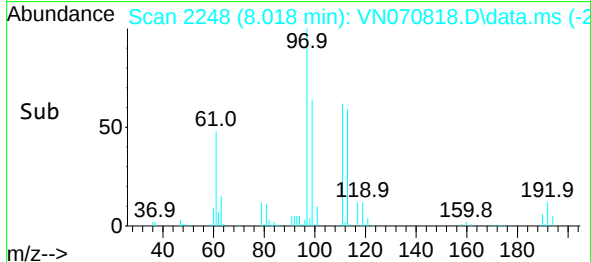
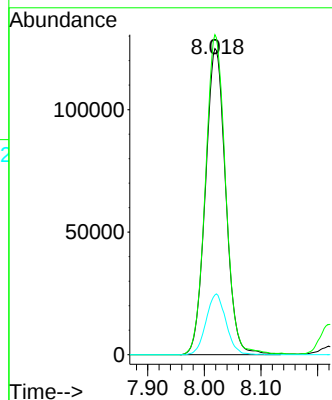
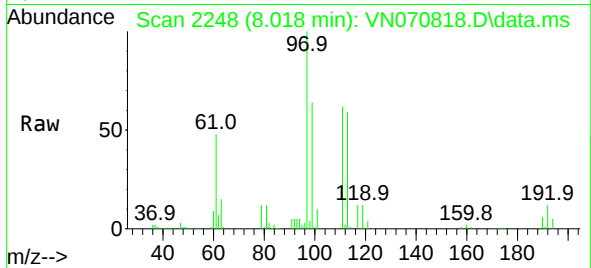




#35
 Dibromofluoromethane
 Concen: 55.659 ug/l
 RT: 8.018 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

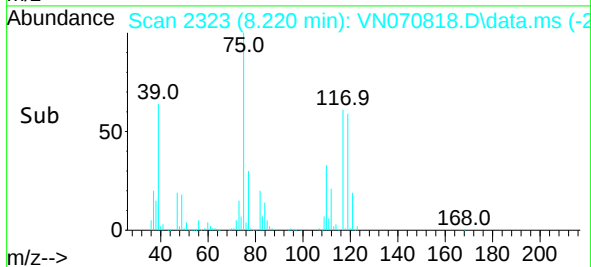
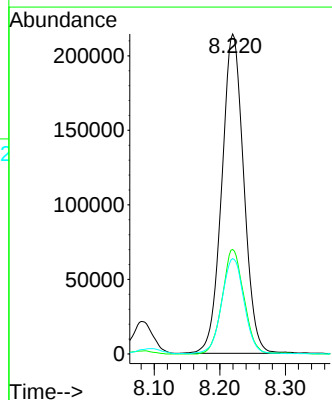
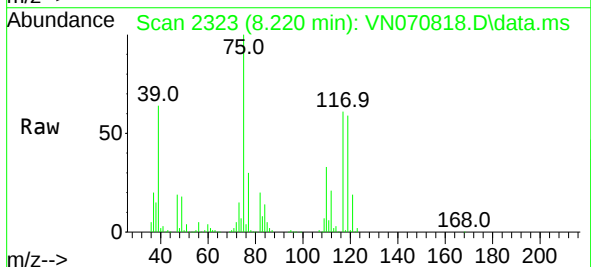
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 310825
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 19.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 52.928 ug/l
 RT: 8.220 min Scan# 2323
 Delta R.T. -0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion: 75 Resp: 497593
 Ion Ratio Lower Upper
 75 100
 110 32.4 18.4 55.2
 77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 47.104 ug/l

RT: 7.410 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

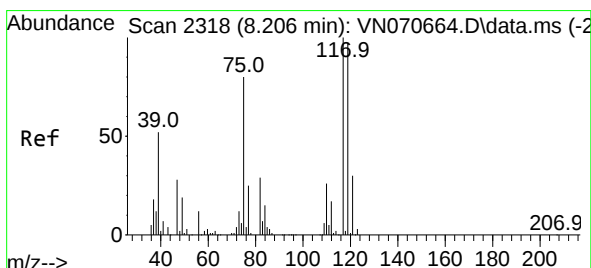
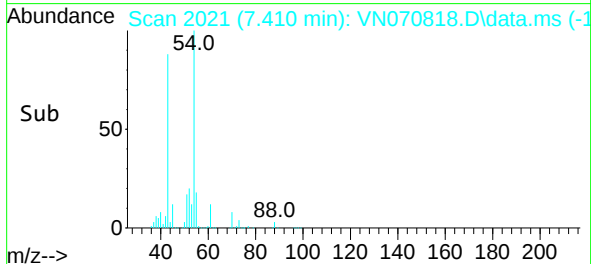
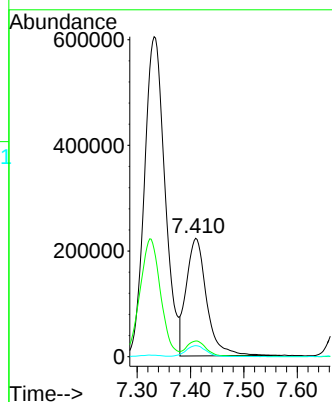
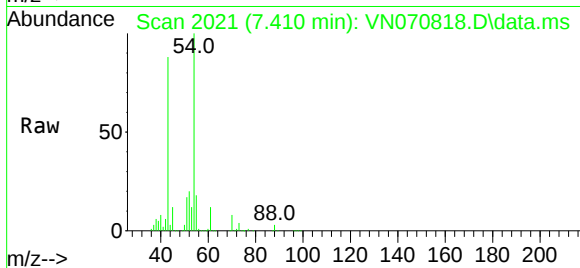
Tgt Ion: 43 Resp: 587919

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

70 9.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 58.886 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

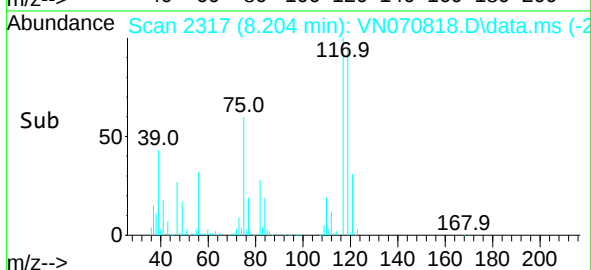
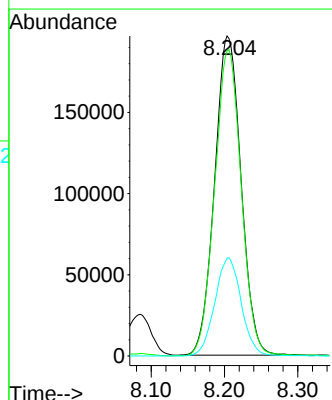
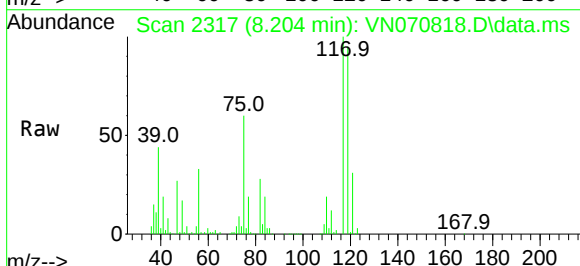
Tgt Ion: 117 Resp: 492492

Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 51.901 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

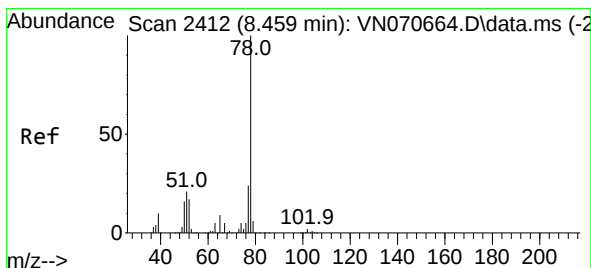
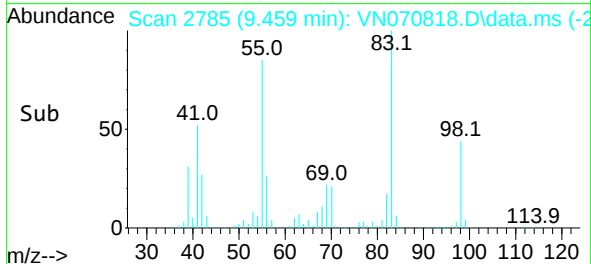
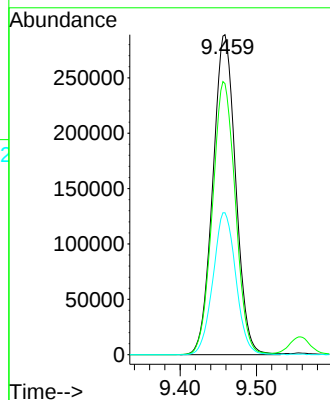
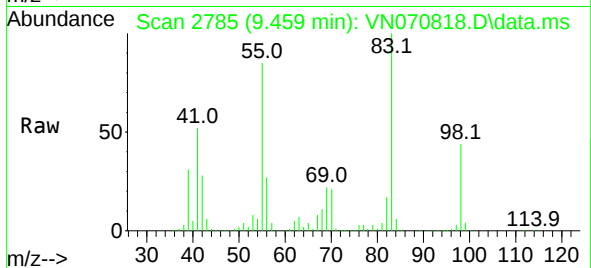
Tgt Ion: 83 Resp: 602373

Ion Ratio Lower Upper

83 100

55 84.6 58.1 87.1

98 44.3 38.4 57.6



#40

Benzene

Concen: 49.721 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN070818.D

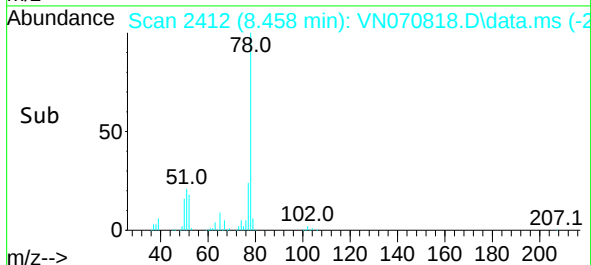
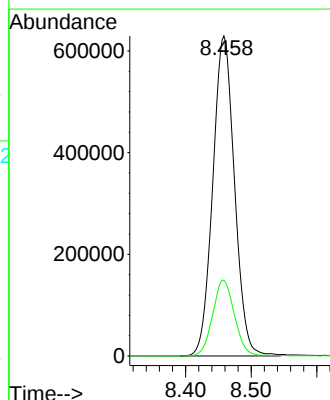
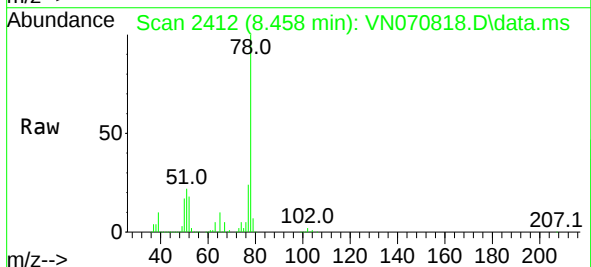
Acq: 28 Jan 2022 10:15

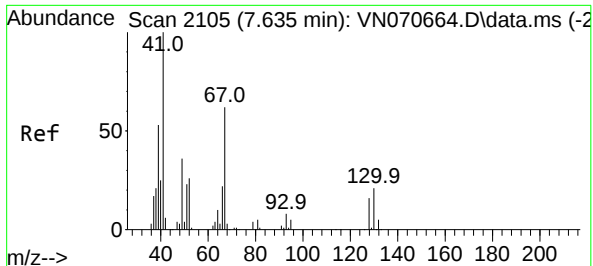
Tgt Ion: 78 Resp: 1448395

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8



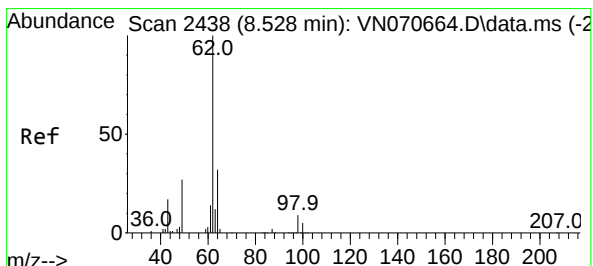
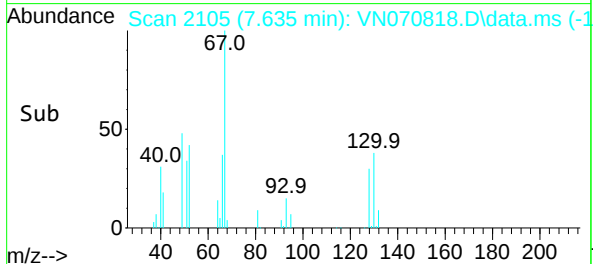
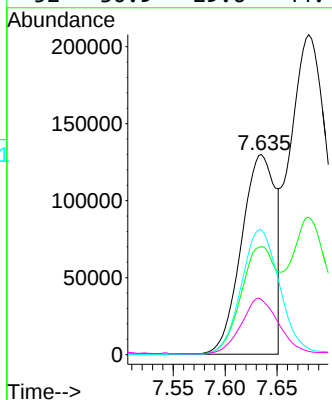
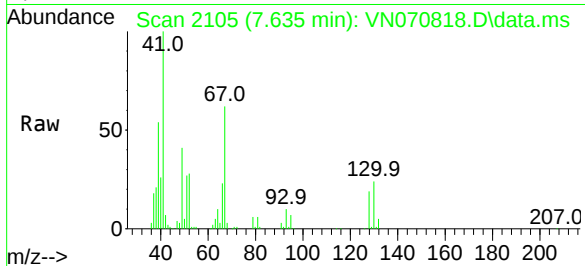


#41
Methacrylonitrile
Concen: 46.480 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 295145

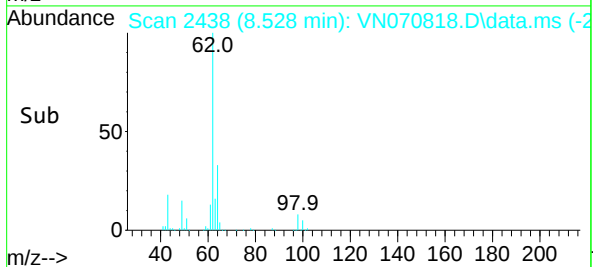
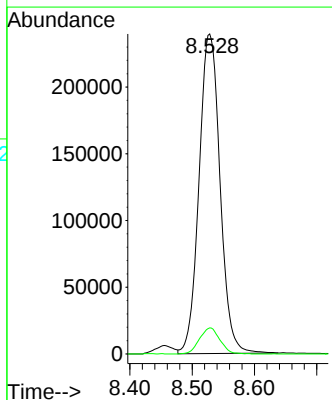
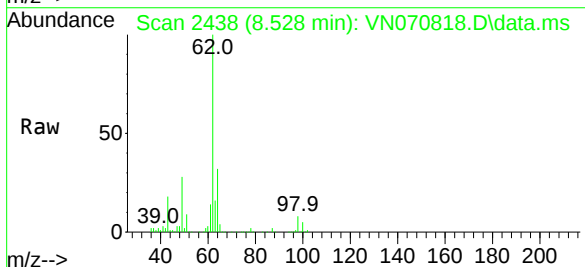
Ion	Ratio	Lower	Upper
41	100		
39	56.8	48.1	72.1
67	72.1	68.3	102.5
52	30.9	29.6	44.4



#42
1,2-Dichloroethane
Concen: 55.556 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 62 Resp: 561152

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.6

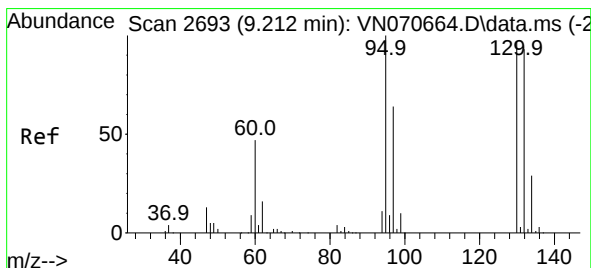
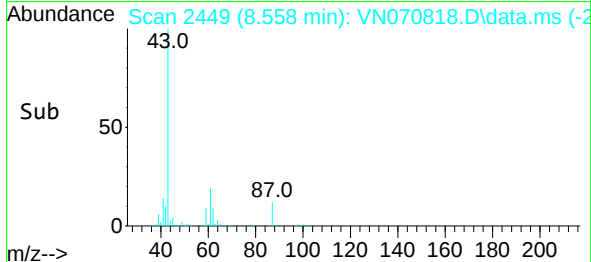
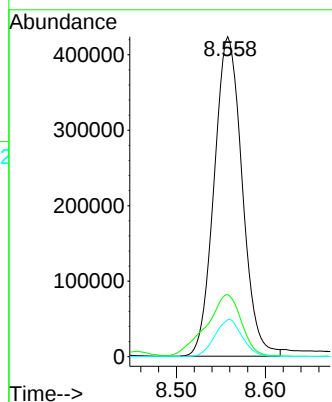
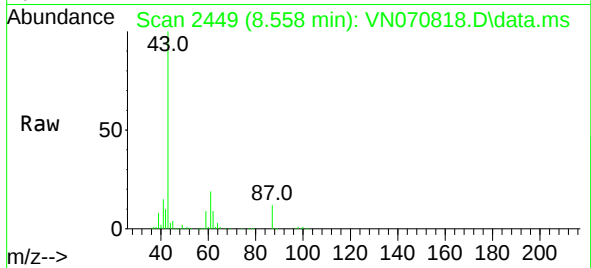




#43
Isopropyl Acetate
Concen: 48.630 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

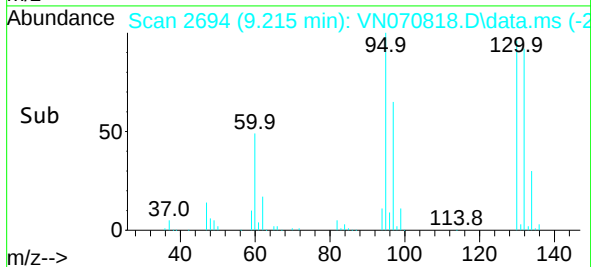
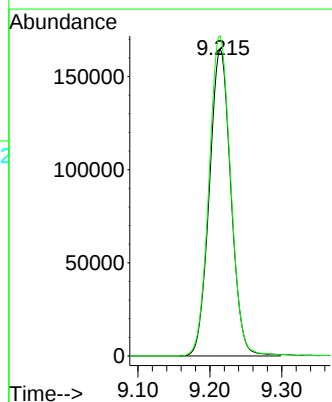
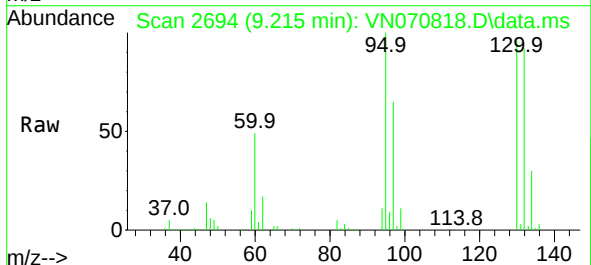
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 927091
Ion Ratio Lower Upper
43 100
61 24.5 20.4 30.6
87 11.5 11.2 16.8



#44
Trichloroethene
Concen: 51.832 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 130 Resp: 342290
Ion Ratio Lower Upper
130 100
95 104.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.002 ug/l

RT: 9.485 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

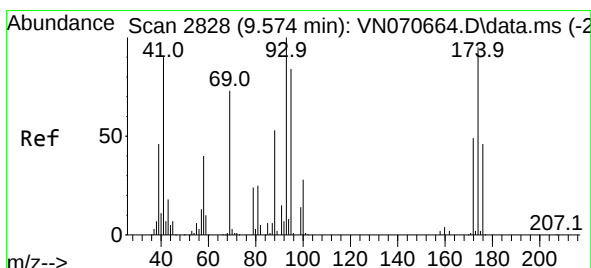
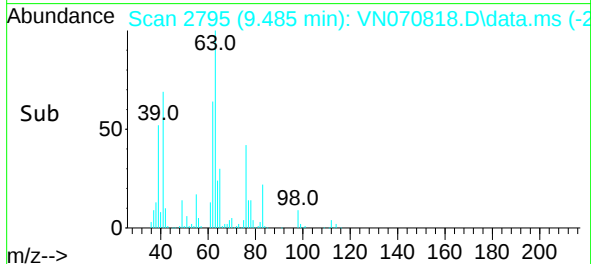
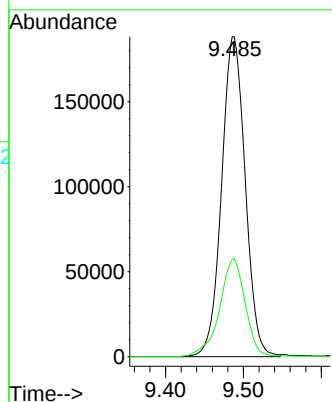
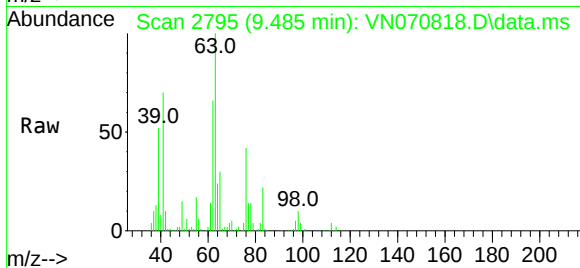
VSTDCCC050

Tgt Ion: 63 Resp: 396303

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 53.690 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

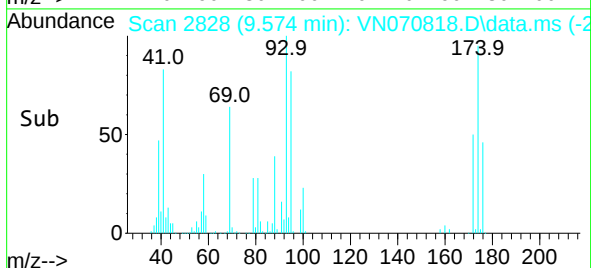
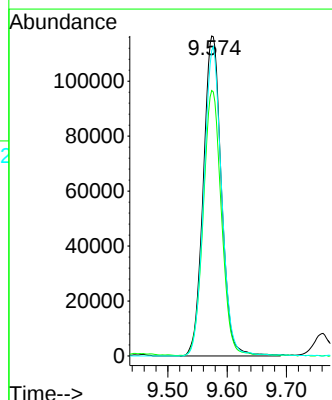
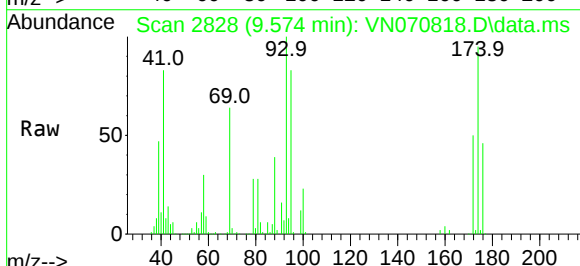
Tgt Ion: 93 Resp: 247432

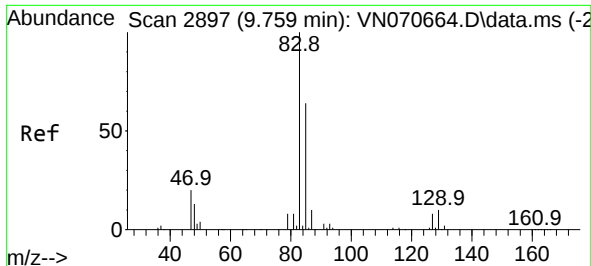
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

174 94.3 84.6 127.0

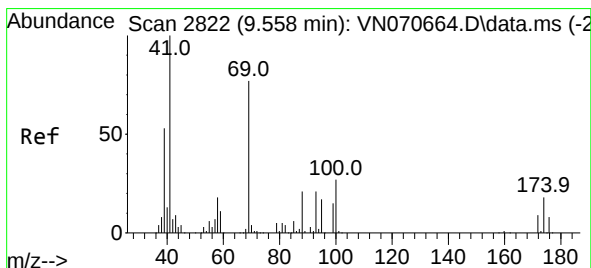
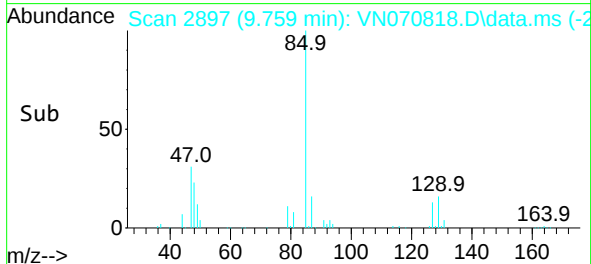
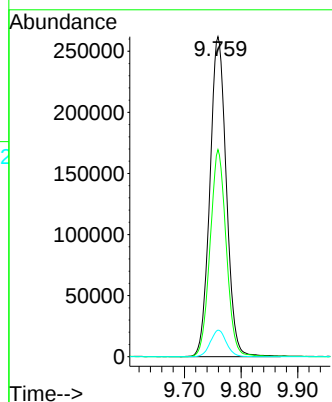
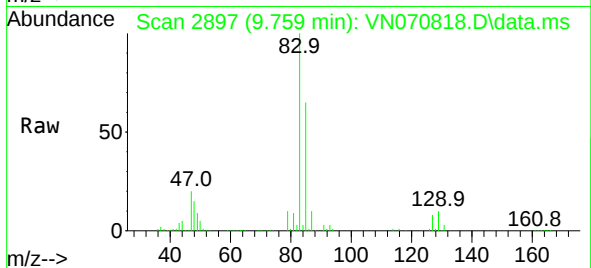




#47
Bromodichloromethane
Concen: 56.107 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

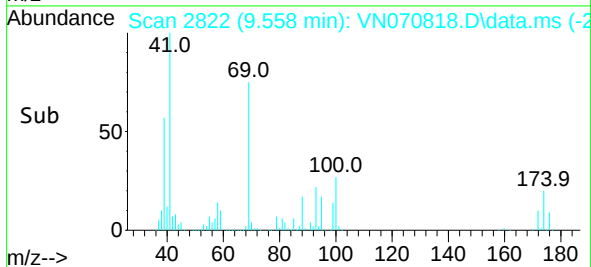
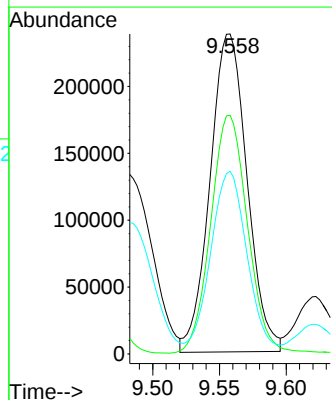
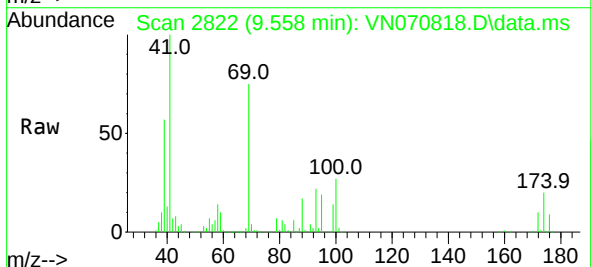
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 528553
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 50.528 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 41 Resp: 458902
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 51.7 58.4 87.6#





#49

1,4-Dioxane

Concen: 815.567 ug/l

RT: 9.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

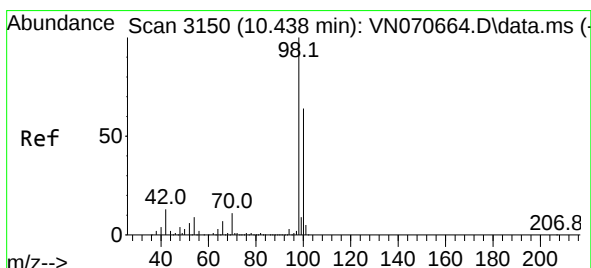
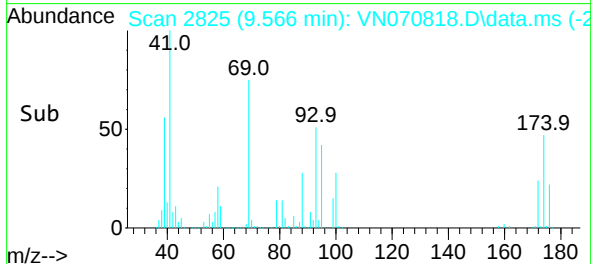
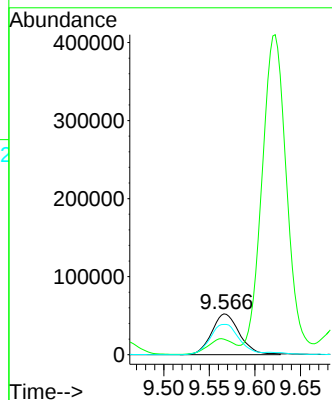
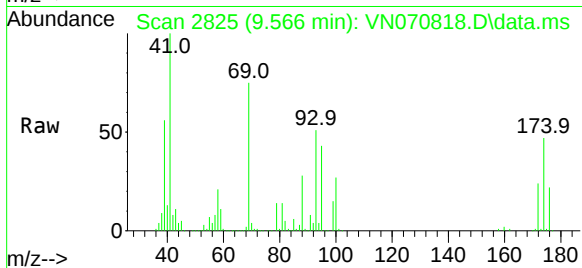
Tgt Ion: 88 Resp: 111261

Ion Ratio Lower Upper

88 100

43 35.5 23.4 35.2#

58 77.5 50.6 75.8#



#50

Toluene-d8

Concen: 53.283 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VN070818.D

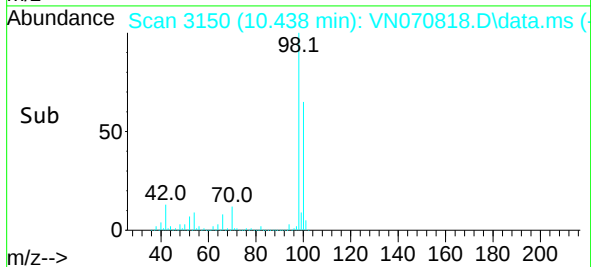
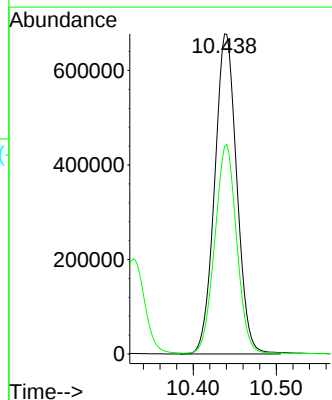
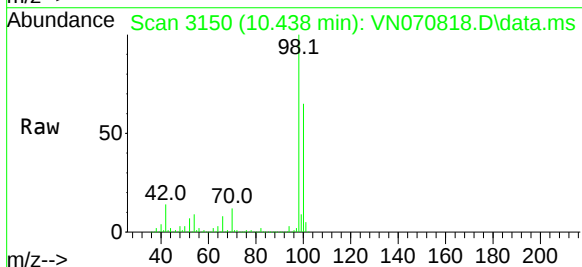
Acq: 28 Jan 2022 10:15

Tgt Ion: 98 Resp: 1253540

Ion Ratio Lower Upper

98 100

100 64.7 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 242.661 ug/l

RT: 10.328 min Scan# 3109

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

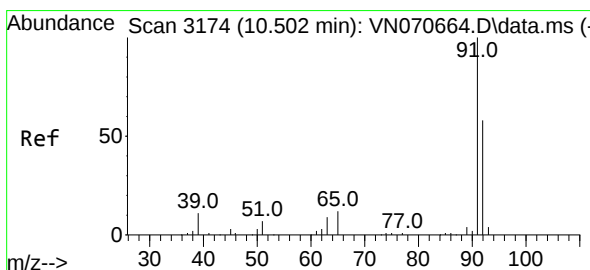
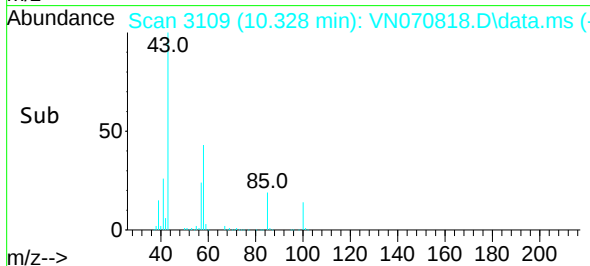
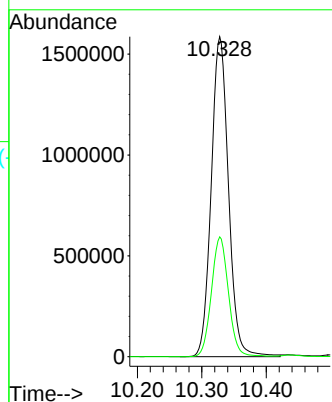
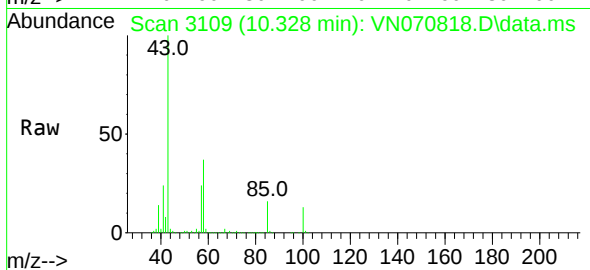
VSTDCCC050

Tgt Ion: 43 Resp: 2951892

Ion Ratio Lower Upper

43 100

58 37.0 30.4 45.6



#52

Toluene

Concen: 52.298 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.000 min

Lab File: VN070818.D

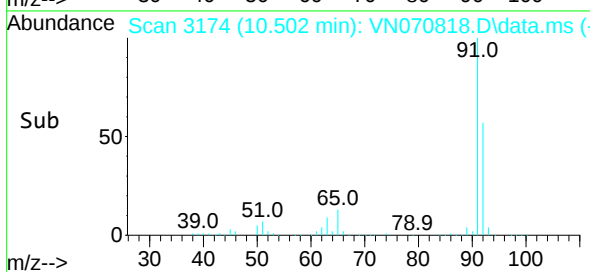
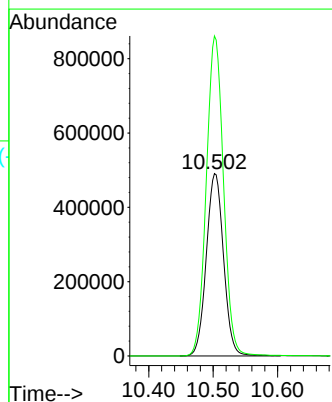
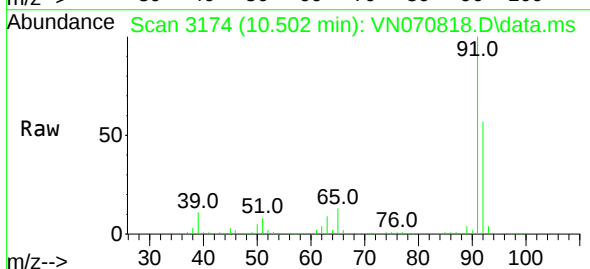
Acq: 28 Jan 2022 10:15

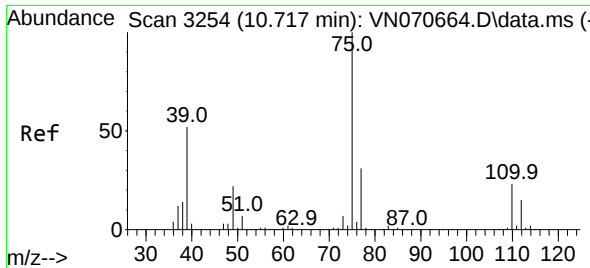
Tgt Ion: 92 Resp: 911291

Ion Ratio Lower Upper

92 100

91 175.4 142.0 213.0

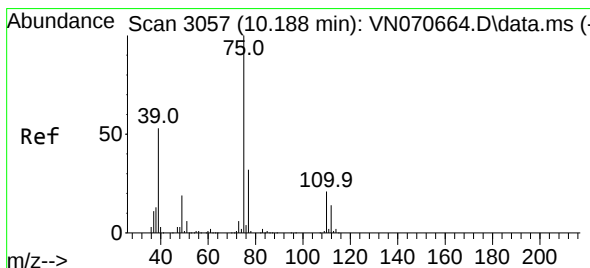
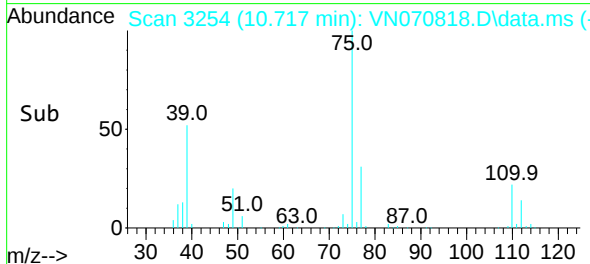
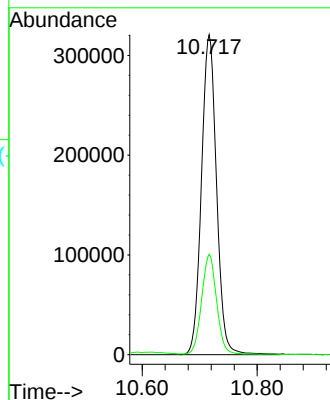
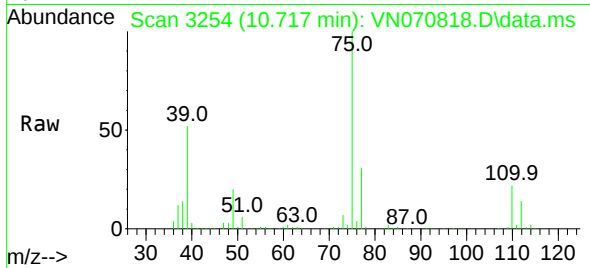




#53
t-1,3-Dichloropropene
Concen: 51.102 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

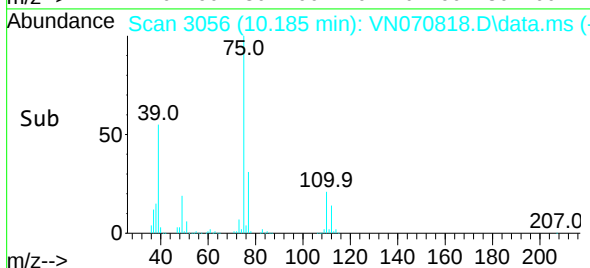
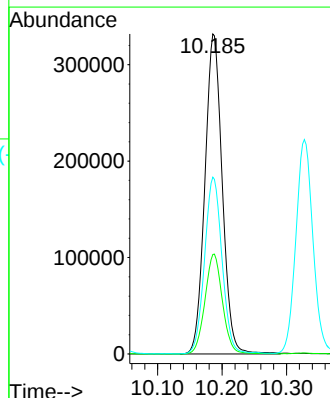
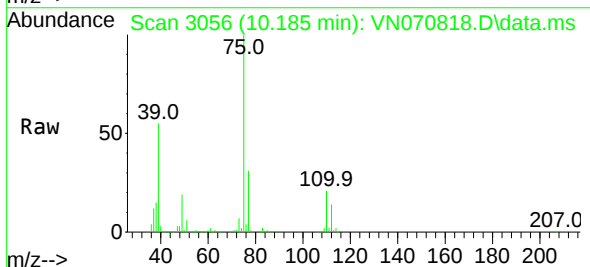
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

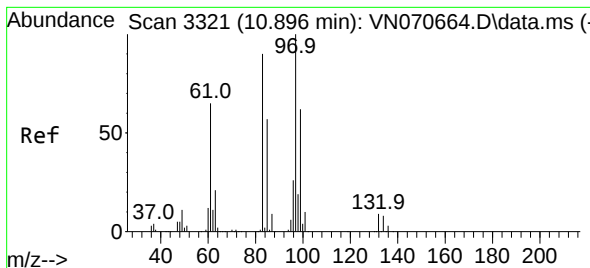
Tgt Ion: 75 Resp: 584416
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 55.066 ug/l
RT: 10.185 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 75 Resp: 622109
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 55.2 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 51.332 ug/l

RT: 10.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 351383

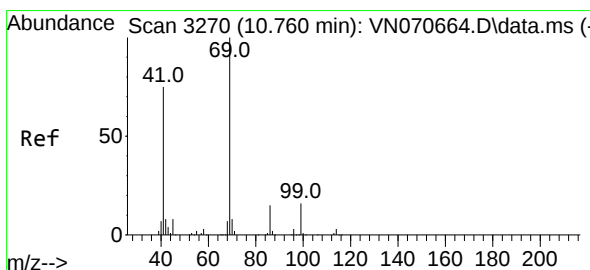
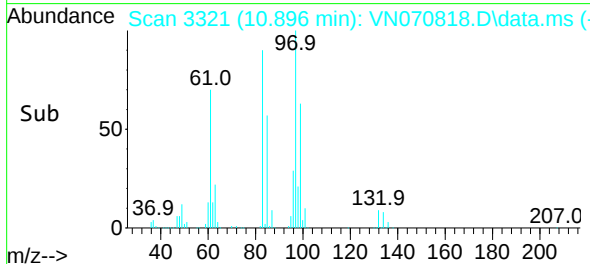
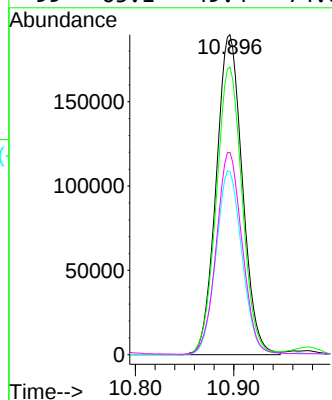
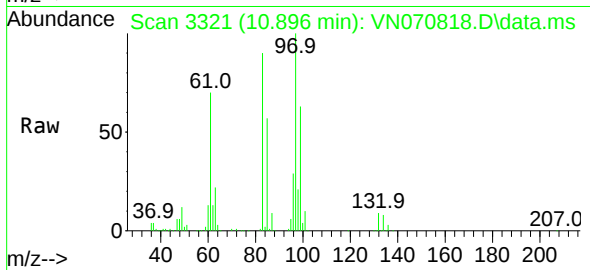
Ion Ratio Lower Upper

97 100

83 89.9 67.8 101.6

85 57.2 45.4 68.2

99 63.1 49.4 74.0



#56

Ethyl methacrylate

Concen: 45.910 ug/l

RT: 10.757 min Scan# 3269

Delta R.T. -0.003 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

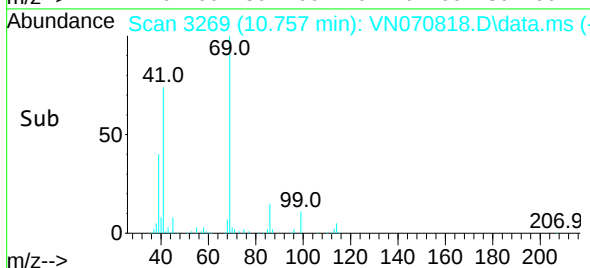
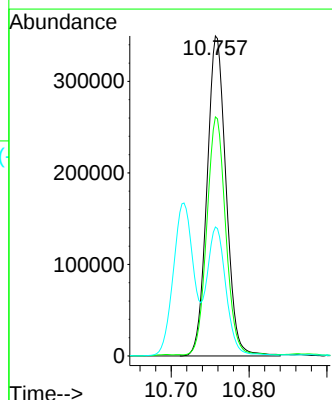
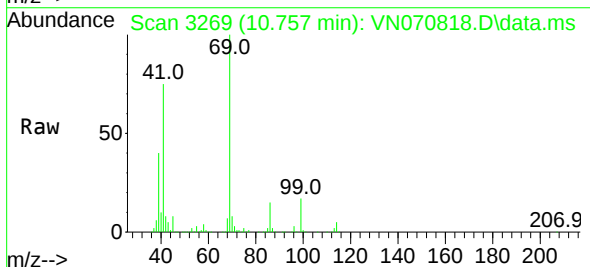
Tgt Ion: 69 Resp: 595128

Ion Ratio Lower Upper

69 100

41 73.5 51.4 77.0

39 39.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.672 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

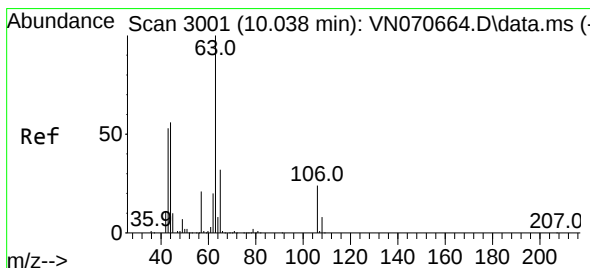
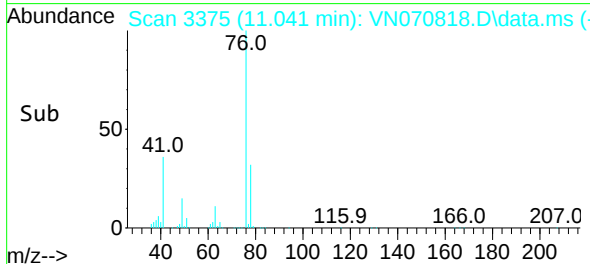
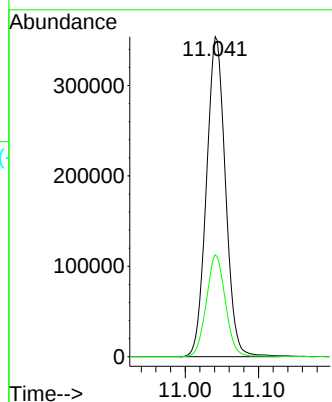
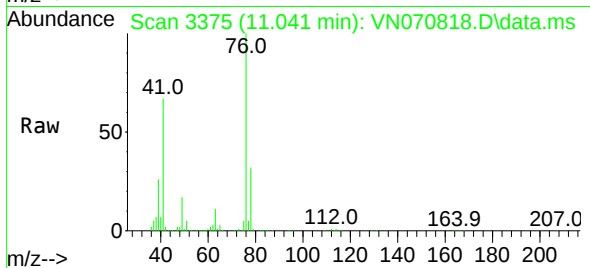
VSTDCCC050

Tgt Ion: 76 Resp: 638296

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 230.646 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.000 min

Lab File: VN070818.D

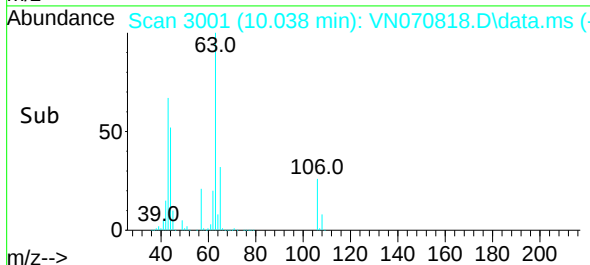
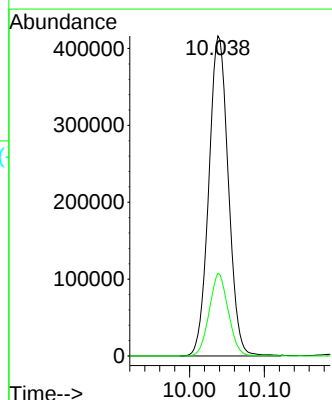
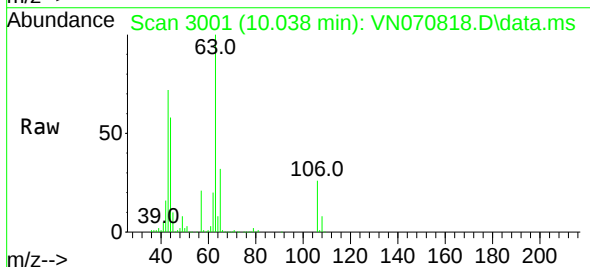
Acq: 28 Jan 2022 10:15

Tgt Ion: 63 Resp: 755811

Ion Ratio Lower Upper

63 100

106 25.1 23.9 35.9

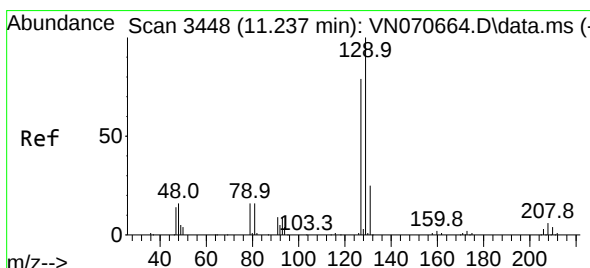
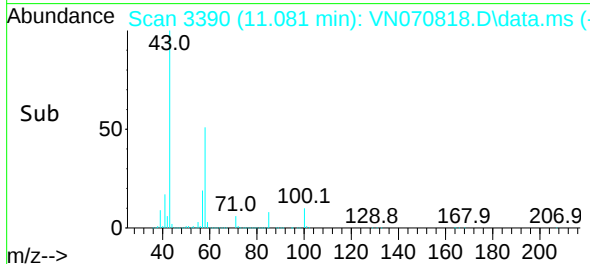
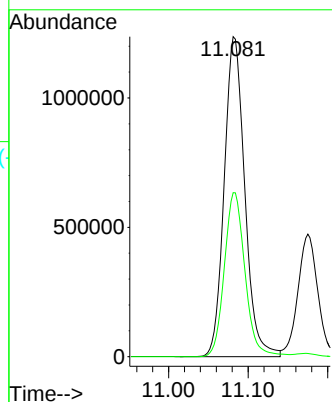
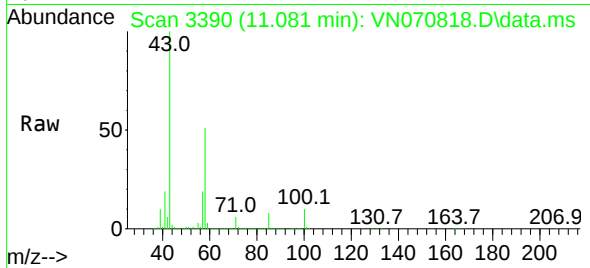




#59
2-Hexanone
Concen: 251.320 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

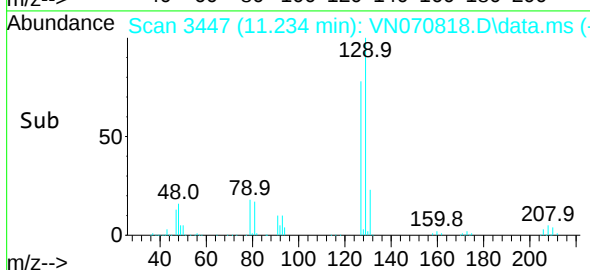
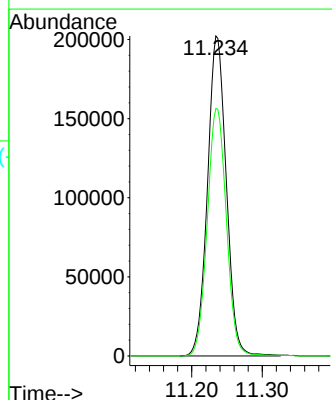
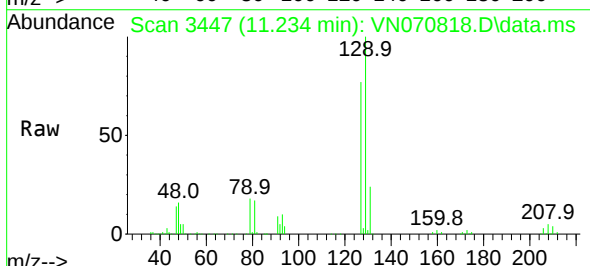
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

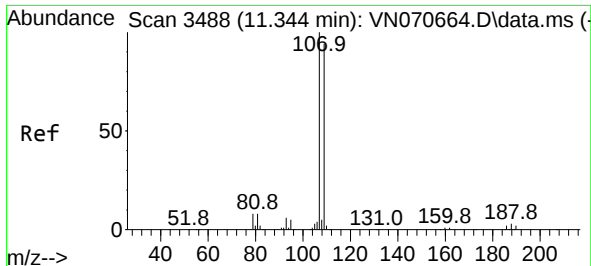
Tgt Ion: 43 Resp: 2220934
Ion Ratio Lower Upper
43 100
58 51.6 26.9 80.7



#60
Dibromochloromethane
Concen: 58.684 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 129 Resp: 374705
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

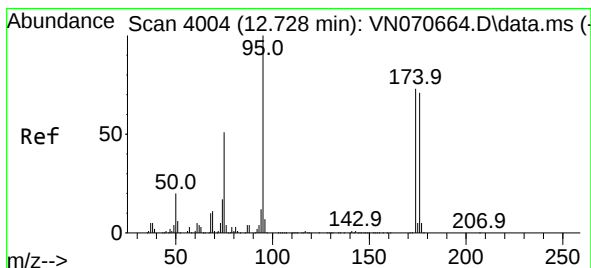
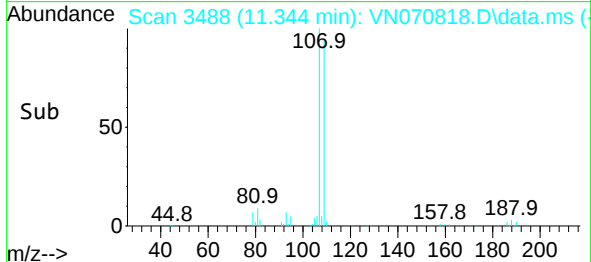
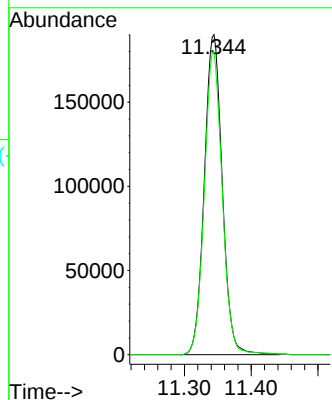
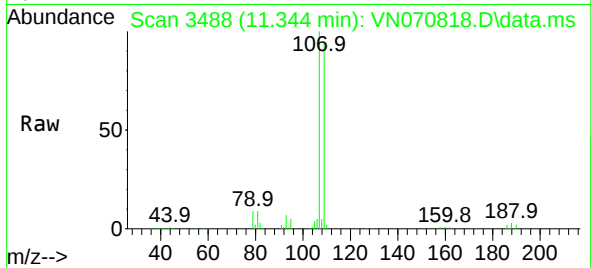




#61
1,2-Dibromoethane
Concen: 51.625 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

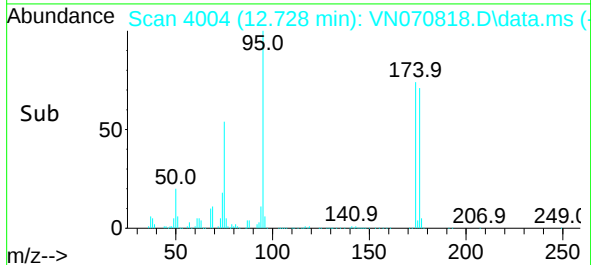
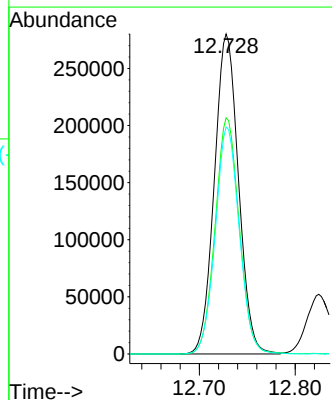
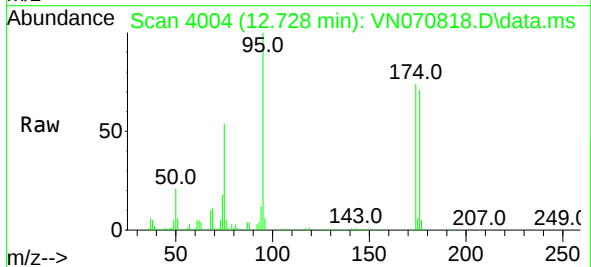
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

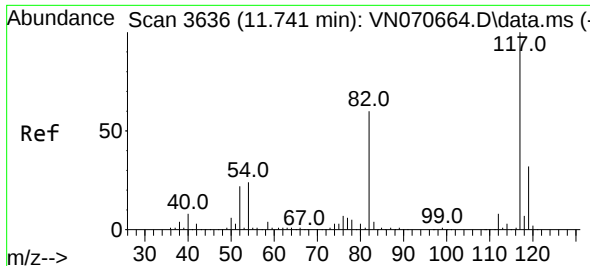
Tgt Ion:107 Resp: 354810
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 58.307 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 95 Resp: 488803
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 70.7 0.0 181.4

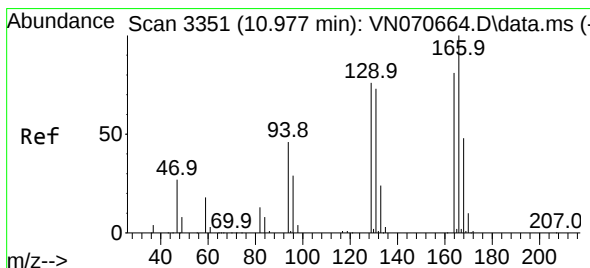
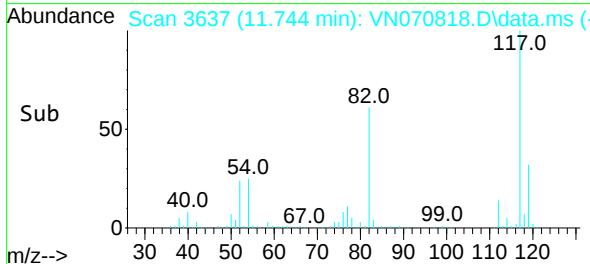
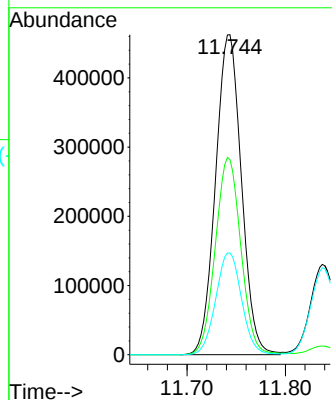
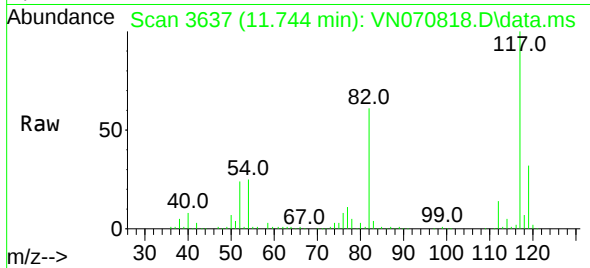




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

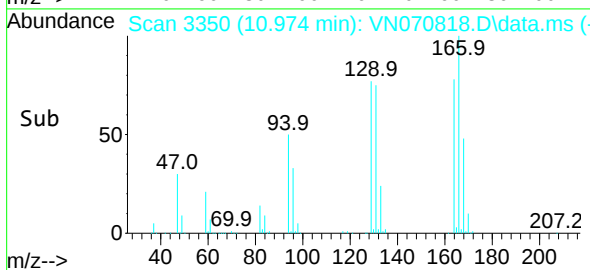
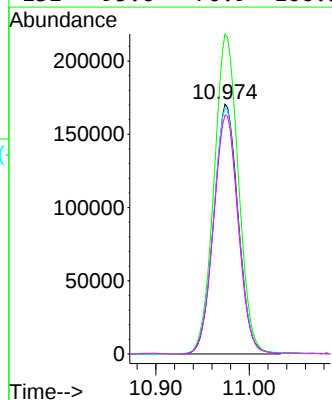
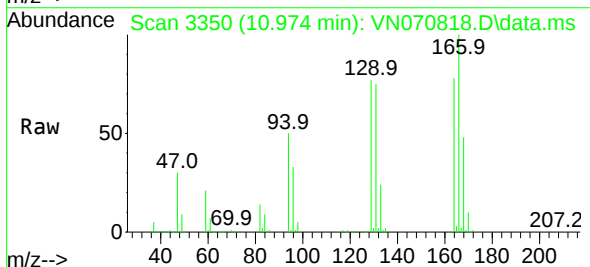
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

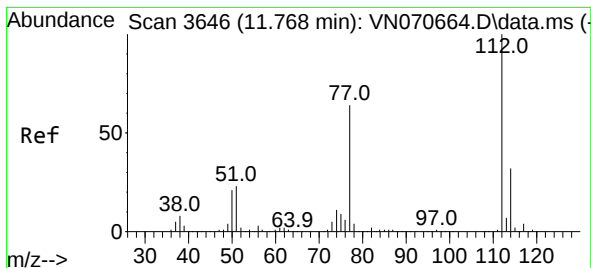
Tgt Ion:117 Resp: 846010
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 49.980 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:164 Resp: 310023
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 98.5 72.0 108.0
131 95.6 70.9 106.3





#65

Chlorobenzene

Concen: 52.016 ug/l

RT: 11.768 min Scan# 3646

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

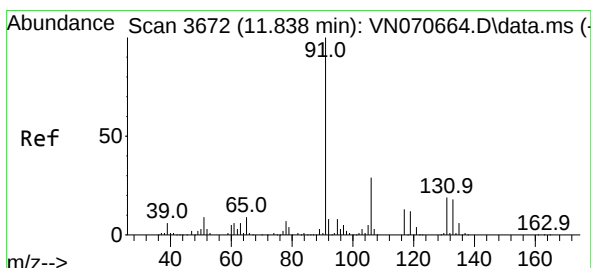
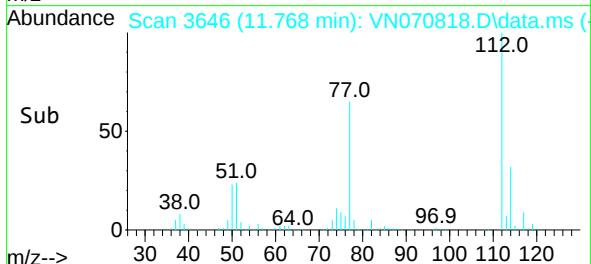
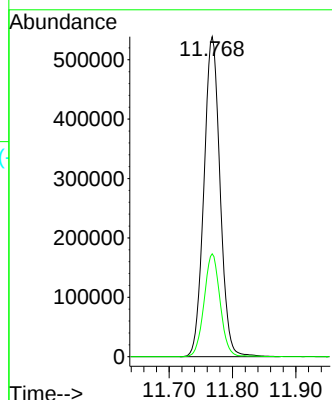
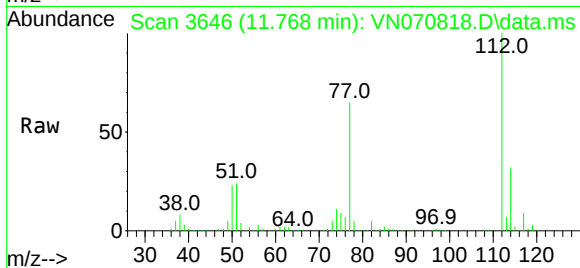
VSTDCCC050

Tgt Ion:112 Resp: 953438

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 56.058 ug/l

RT: 11.838 min Scan# 3672

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

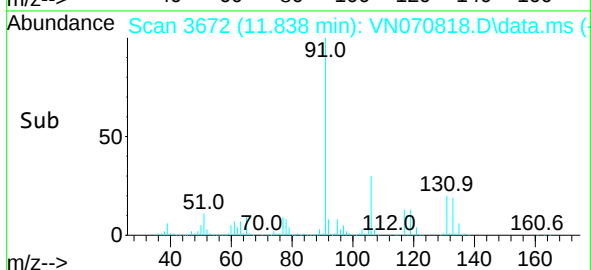
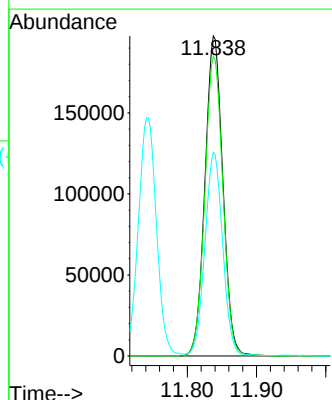
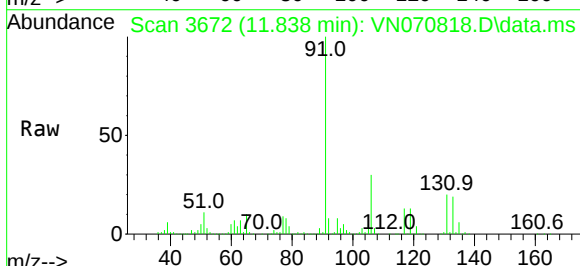
Tgt Ion:131 Resp: 353837

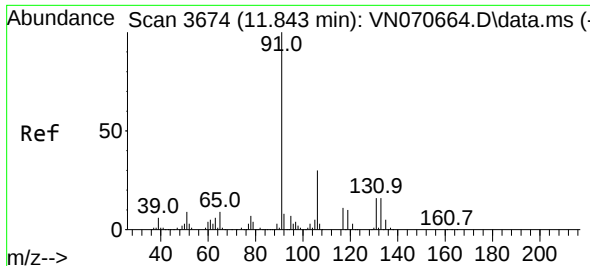
Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.7

119 63.3 32.1 96.5

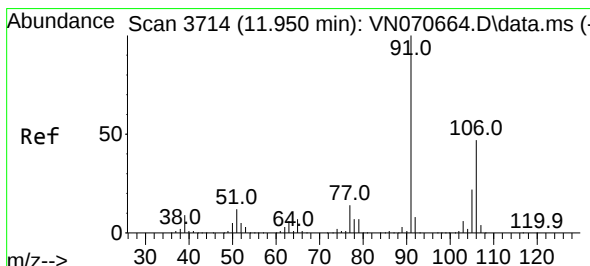
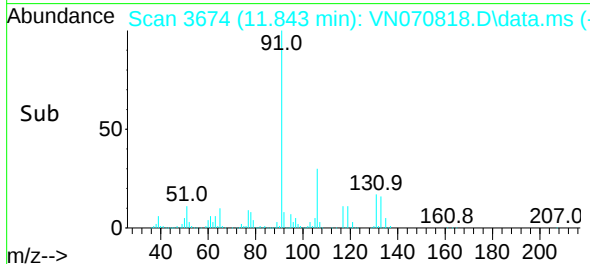
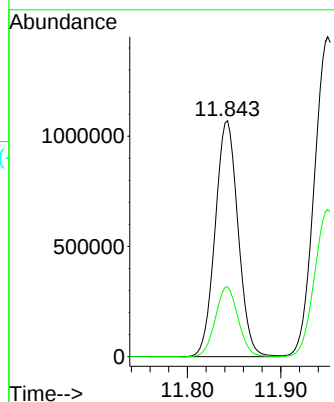
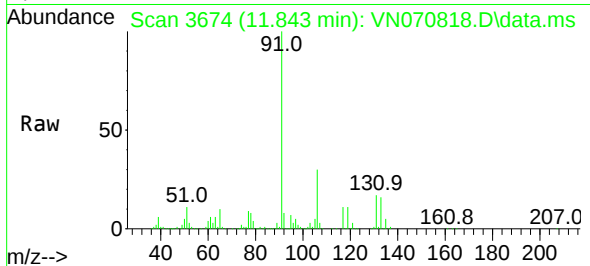




#67
Ethyl Benzene
Concen: 53.694 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

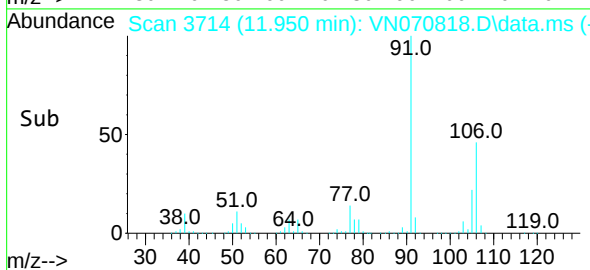
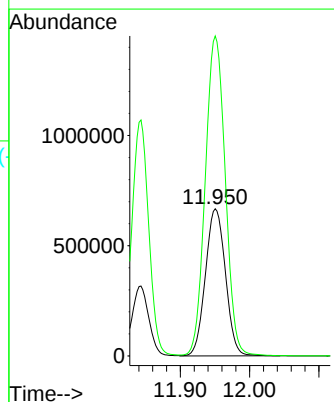
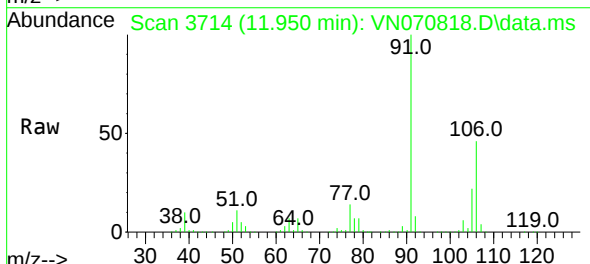
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1824726
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5



#68
m/p-Xylenes
Concen: 108.580 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:106 Resp: 1342353
Ion Ratio Lower Upper
106 100
91 216.8 160.6 240.8

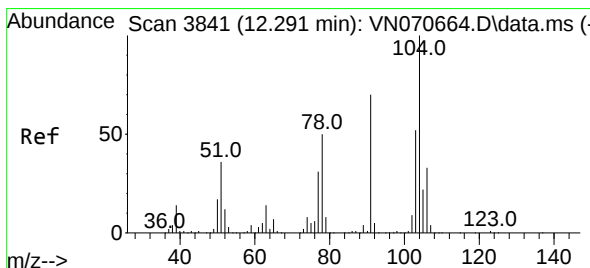
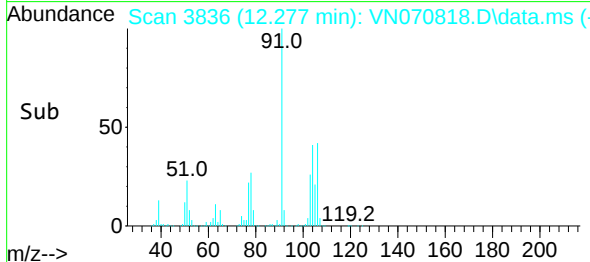
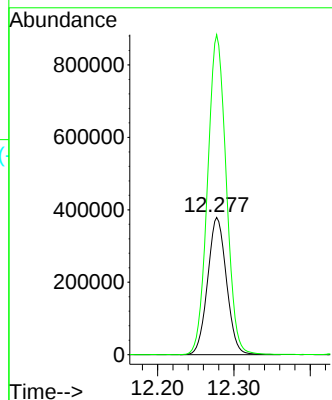
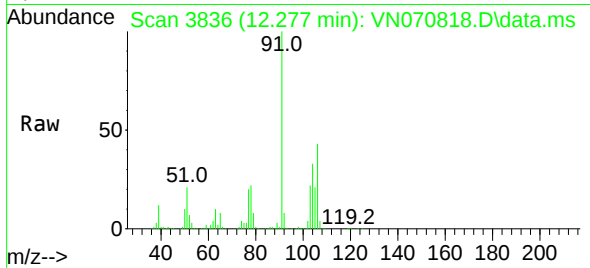




#69
o-Xylene
Concen: 52.924 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

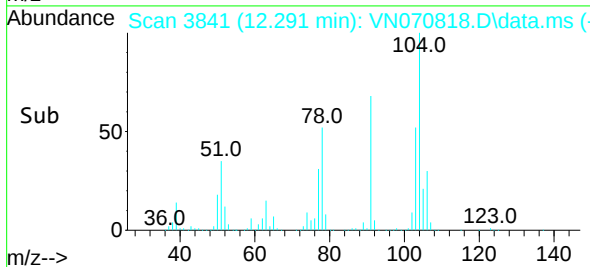
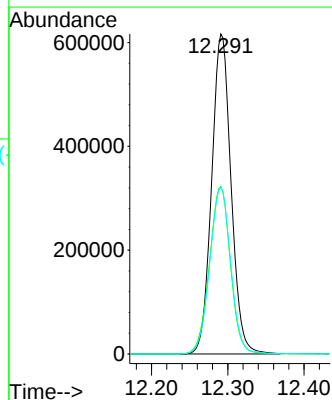
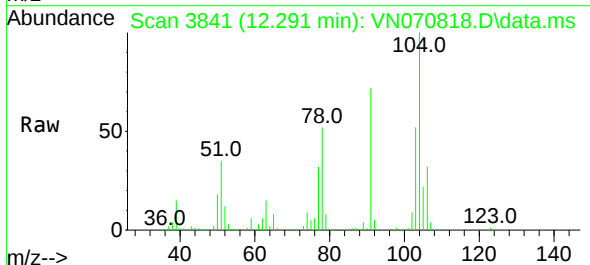
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

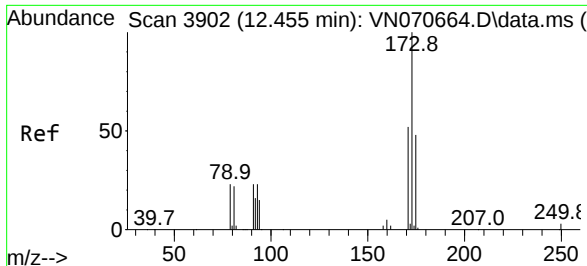
Tgt Ion:106 Resp: 649308
Ion Ratio Lower Upper
106 100
91 231.3 105.8 317.3



#70
Styrene
Concen: 55.526 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:104 Resp: 1089822
Ion Ratio Lower Upper
104 100
78 56.6 38.7 58.1
103 56.1 45.0 67.6

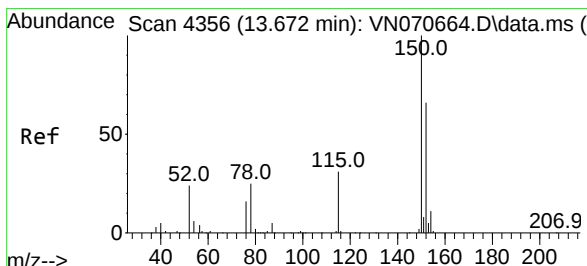
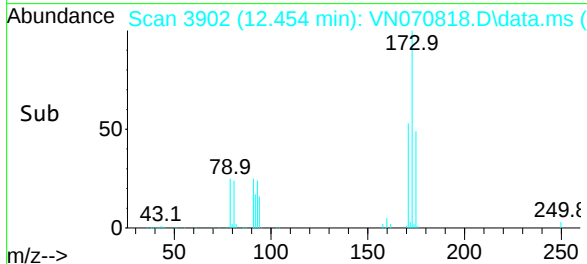
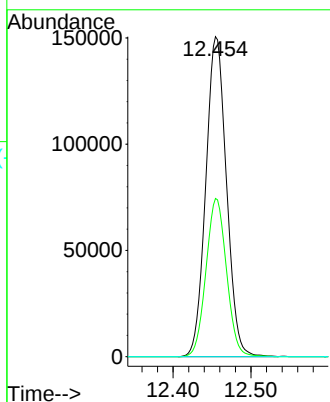
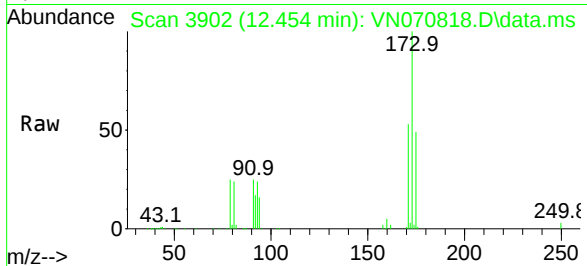




#71
Bromoform
Concen: 58.327 ug/l
RT: 12.454 min Scan# 3902
Delta R.T. -0.001 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

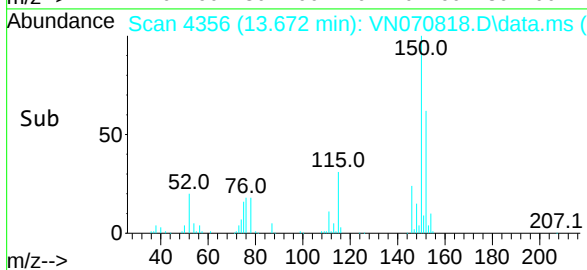
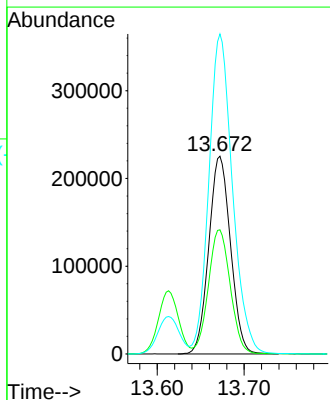
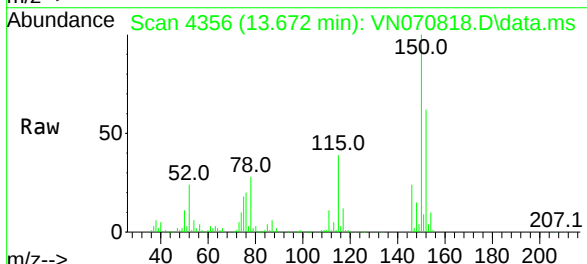
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

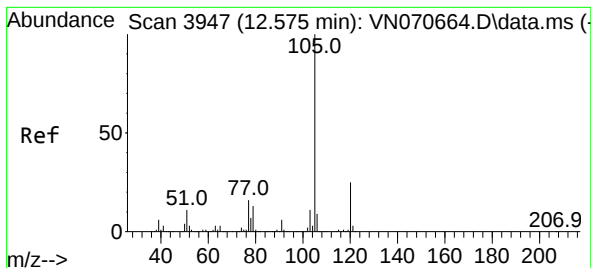
Tgt Ion:173 Resp: 278097
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:152 Resp: 391897
Ion Ratio Lower Upper
152 100
115 62.8 27.5 82.5
150 175.8 0.0 344.4





#73

Isopropylbenzene

Concen: 47.877 ug/l

RT: 12.575 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

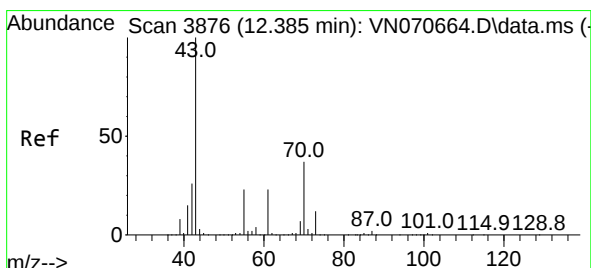
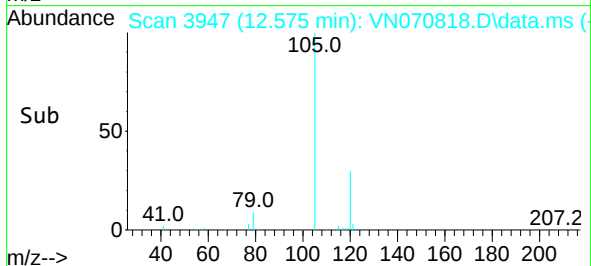
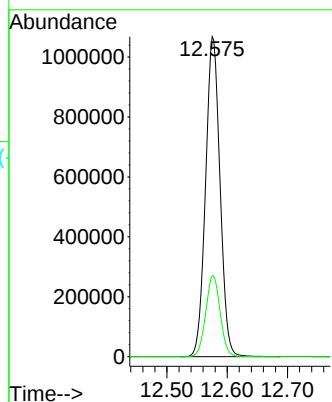
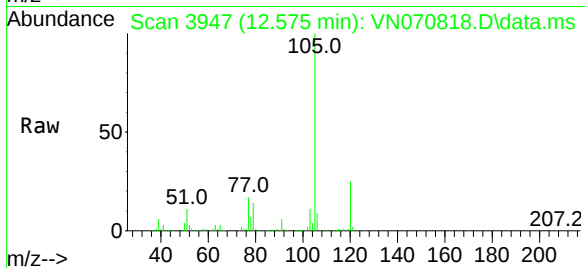
VSTDCCC050

Tgt Ion:105 Resp: 1775057

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 44.778 ug/l

RT: 12.385 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Tgt Ion: 43 Resp: 678778

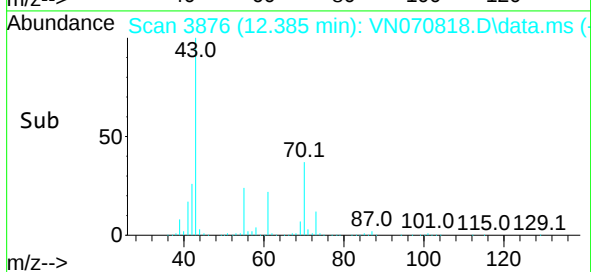
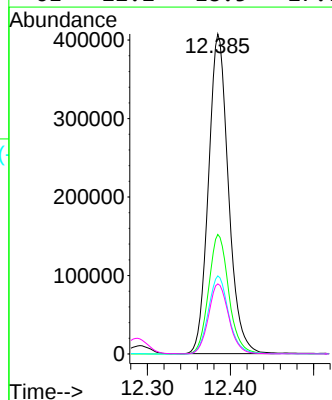
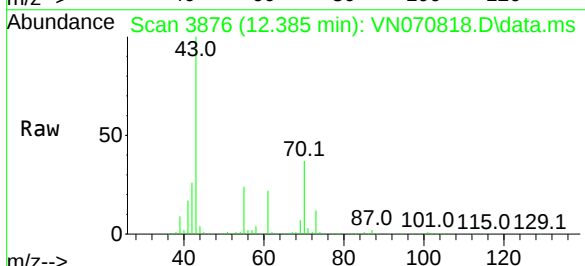
Ion Ratio Lower Upper

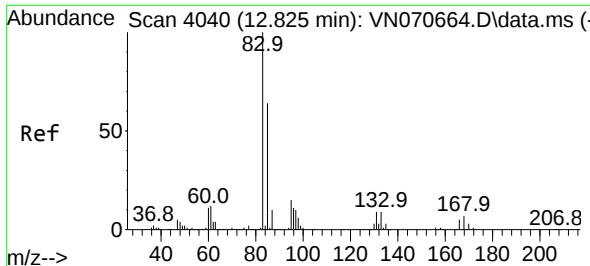
43 100

70 37.8 33.4 50.0

55 24.9 19.3 28.9

61 22.2 18.5 27.7

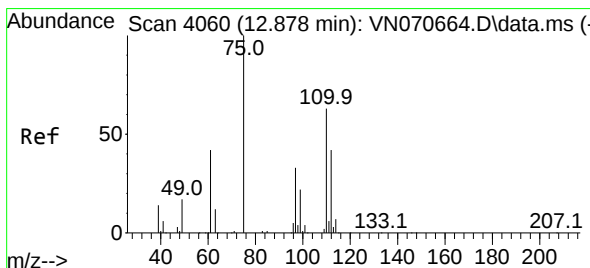
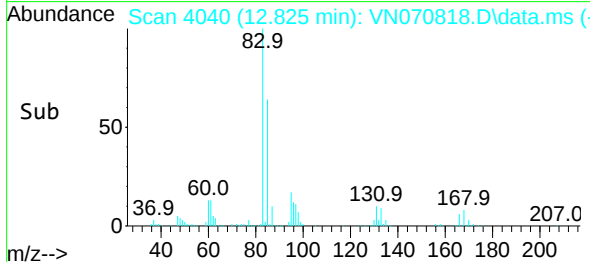
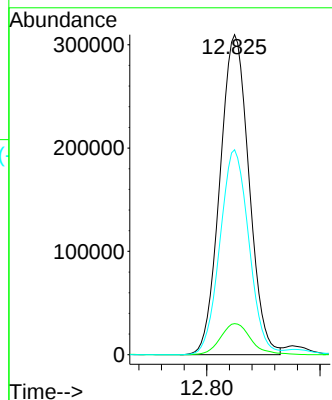
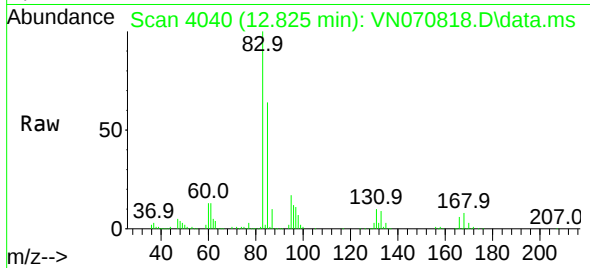




#75
1,1,2,2-Tetrachloroethane
Concen: 44.038 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

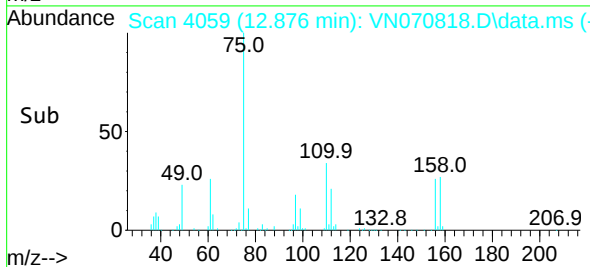
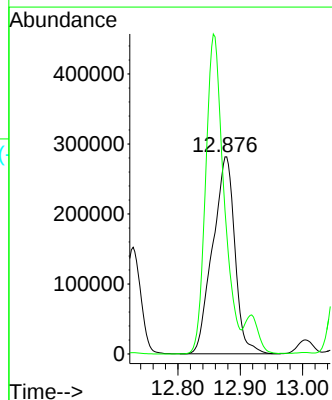
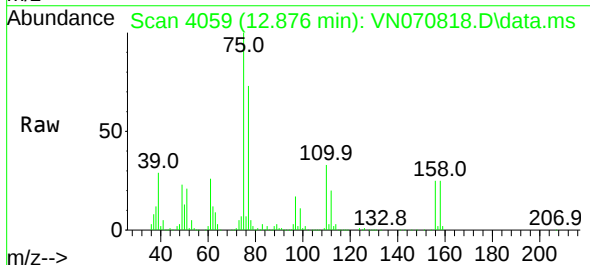
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

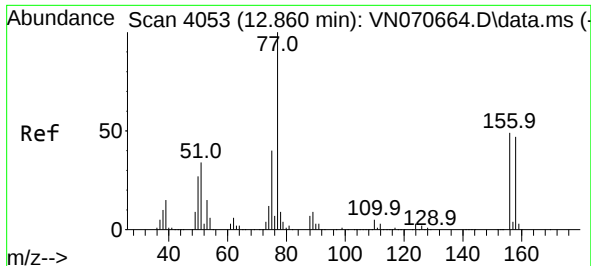
Tgt Ion: 83 Resp: 551403
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 63.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 67.079 ug/l
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 75 Resp: 697228
Ion Ratio Lower Upper
75 100
77 133.8 82.6 247.8

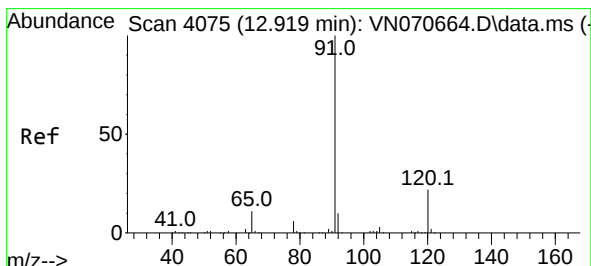
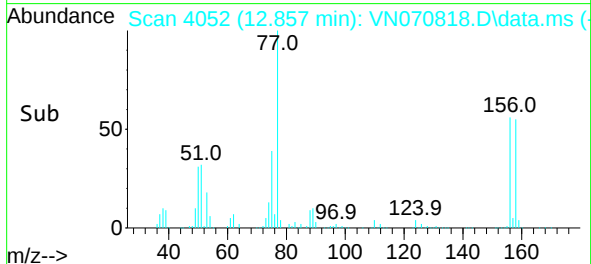
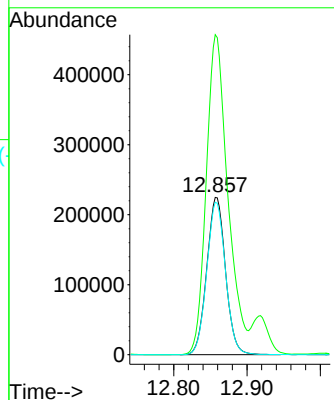
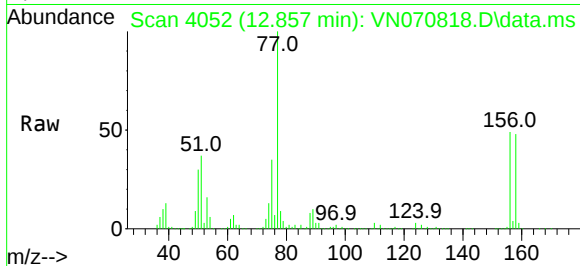




#77
Bromobenzene
Concen: 48.033 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

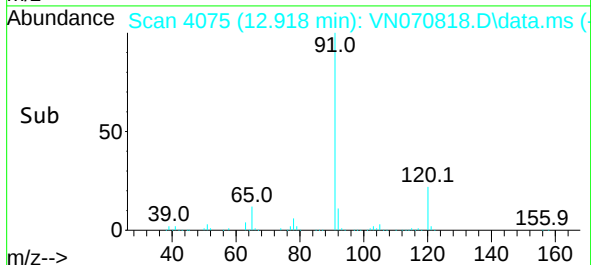
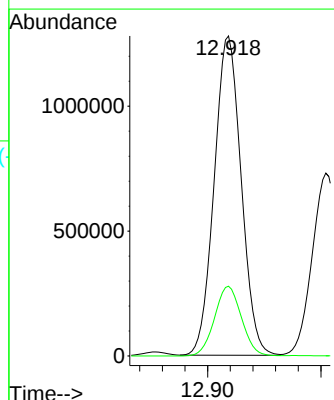
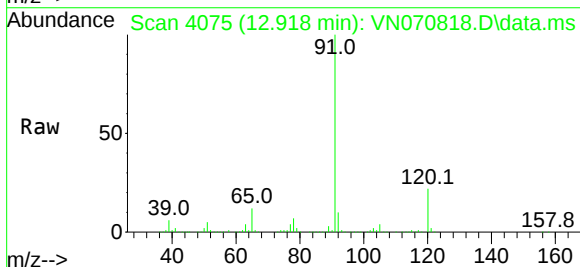
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

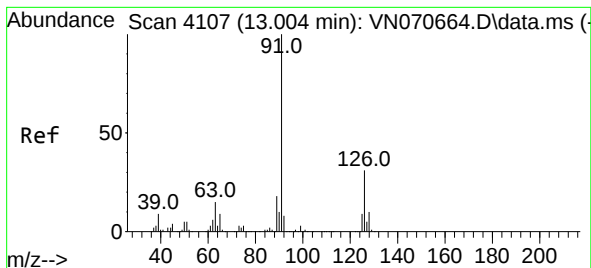
Tgt Ion:156 Resp: 399284
Ion Ratio Lower Upper
156 100
77 233.7 90.6 271.8
158 97.3 48.9 146.7



#78
n-propylbenzene
Concen: 50.921 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 91 Resp: 2111354
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 48.122 ug/l

RT: 13.004 min Scan# 4107

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

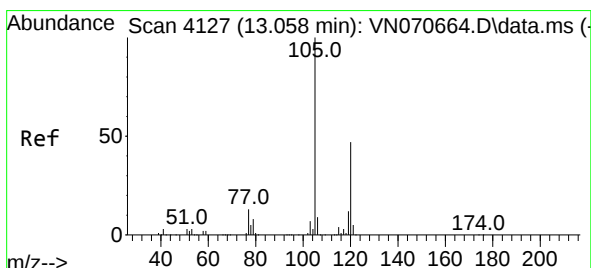
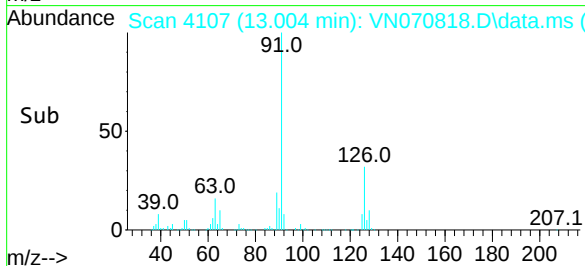
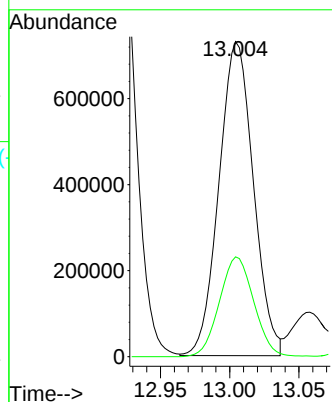
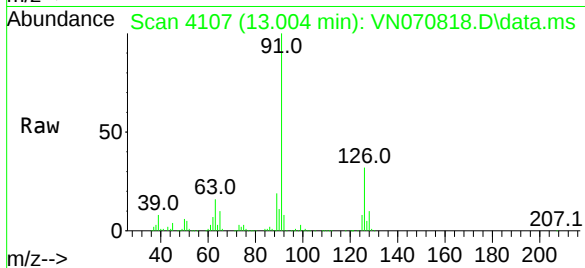
VSTDCCC050

Tgt Ion: 91 Resp: 1262167

Ion Ratio Lower Upper

91 100

126 31.8 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 50.129 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.000 min

Lab File: VN070818.D

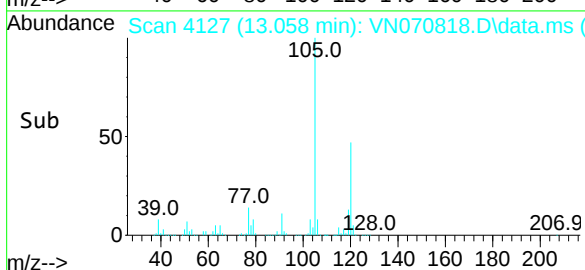
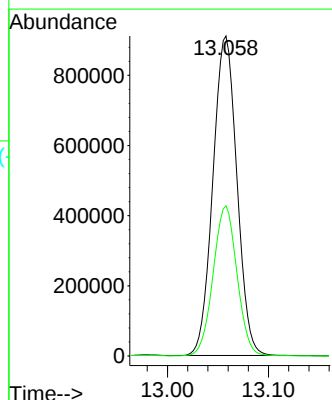
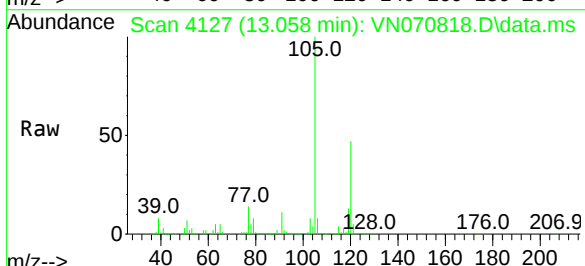
Acq: 28 Jan 2022 10:15

Tgt Ion:105 Resp: 1502978

Ion Ratio Lower Upper

105 100

120 46.8 24.6 73.6

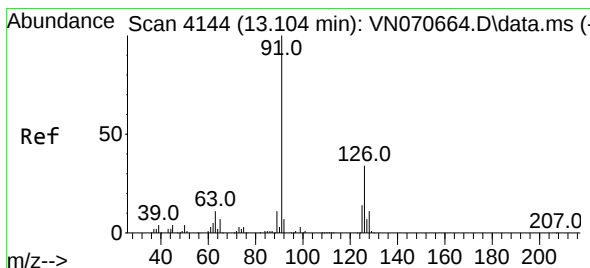
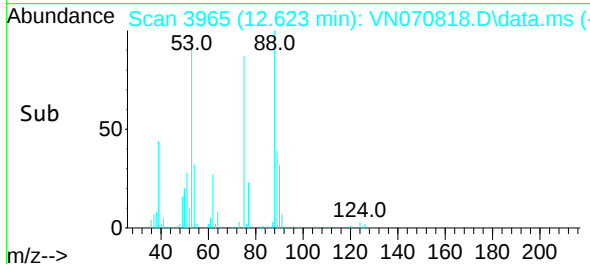
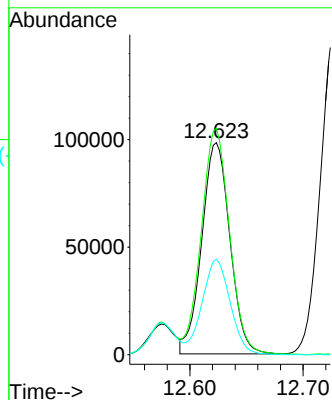
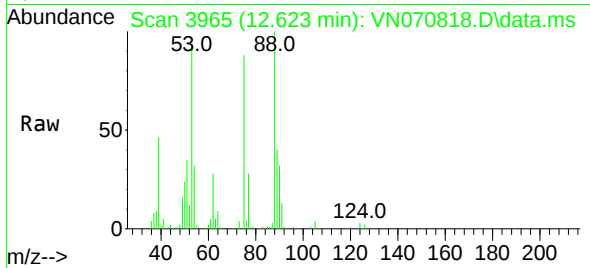




#81
trans-1,4-Dichloro-2-butene
Concen: 48.501 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

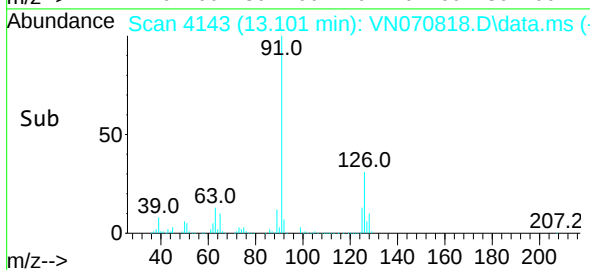
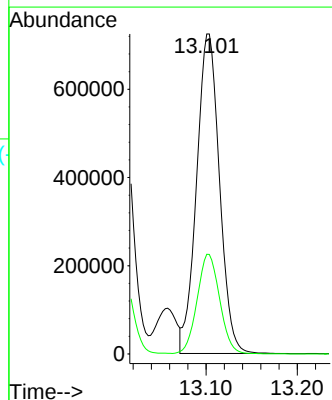
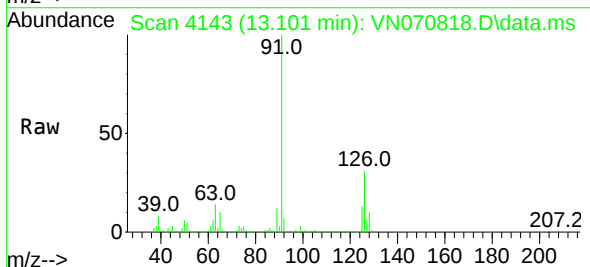
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

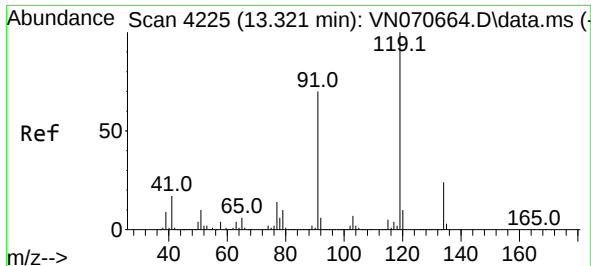
Tgt Ion: 75 Resp: 169217
Ion Ratio Lower Upper
75 100
53 108.5 90.5 135.7
89 44.9 38.2 57.4



#82
4-Chlorotoluene
Concen: 51.498 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 91 Resp: 1262009
Ion Ratio Lower Upper
91 100
126 30.8 18.2 54.6

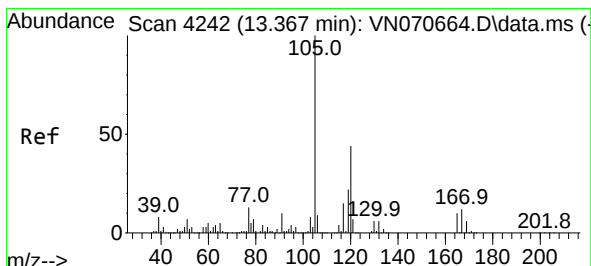
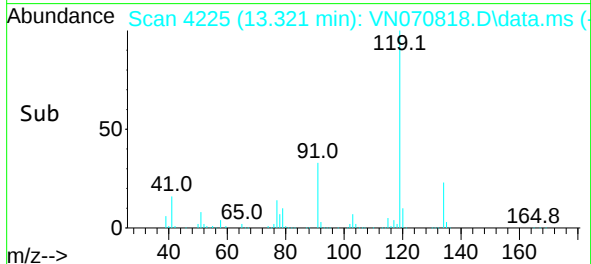
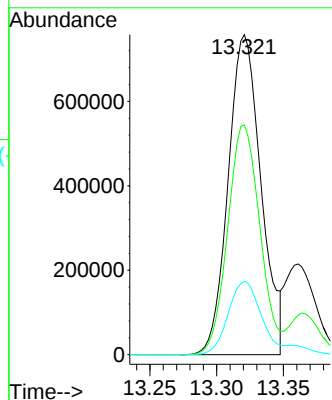
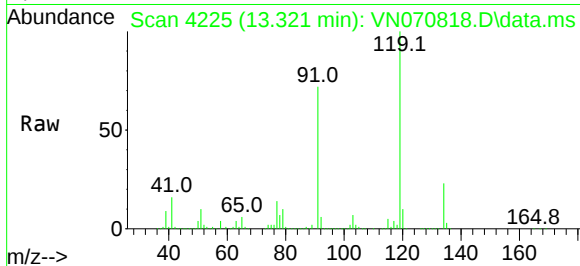




#83
tert-Butylbenzene
Concen: 49.730 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

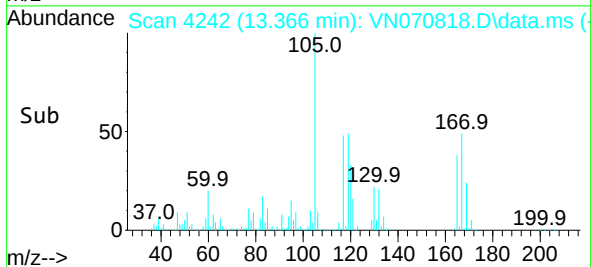
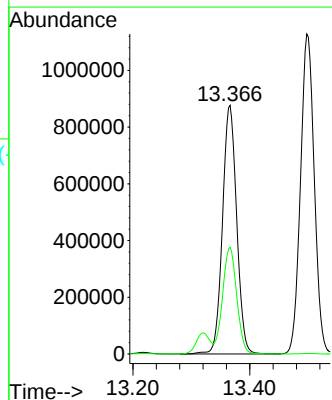
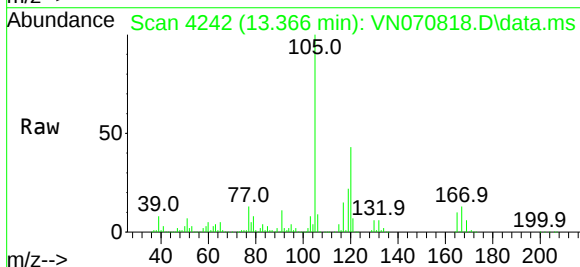
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

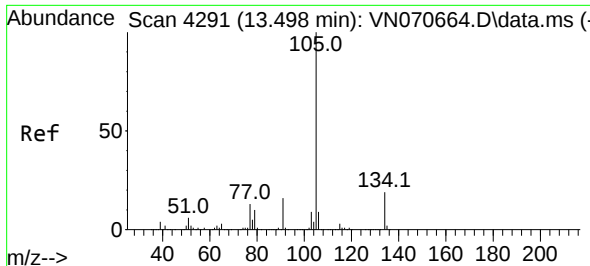
Tgt Ion:119 Resp: 1297899
Ion Ratio Lower Upper
119 100
91 70.9 31.5 94.5
134 23.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.291 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion:105 Resp: 1478187
Ion Ratio Lower Upper
105 100
120 42.9 22.8 68.4

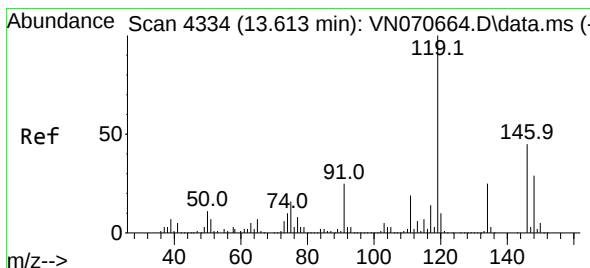
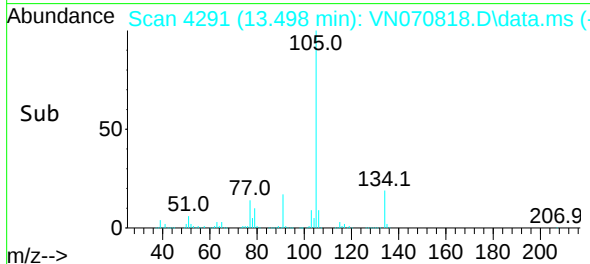
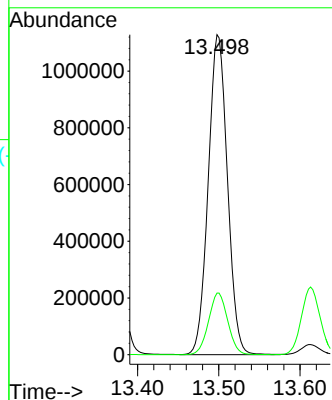
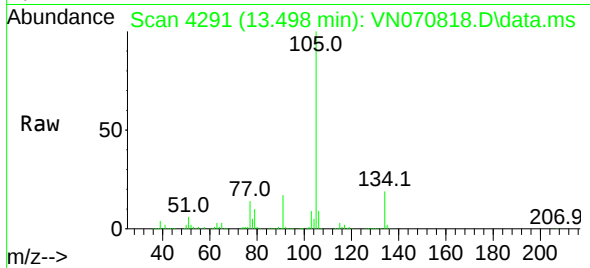




#85
 sec-Butylbenzene
 Concen: 52.071 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

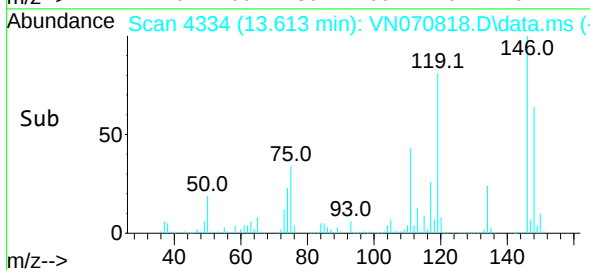
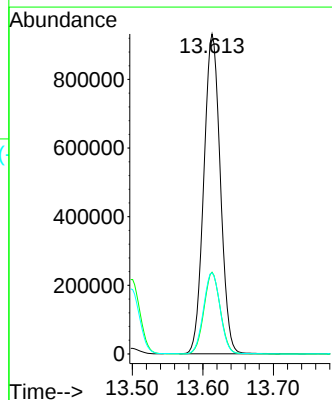
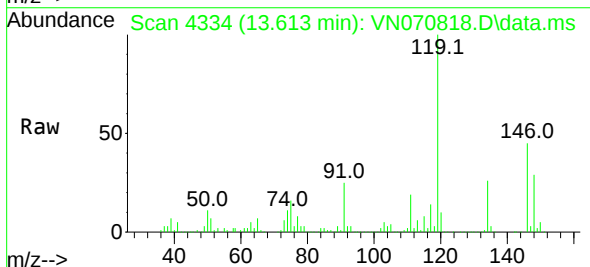
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

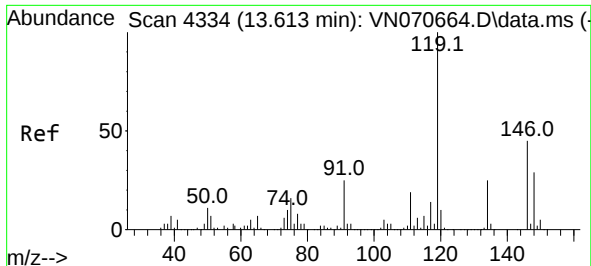
Tgt Ion:105 Resp: 1847566
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.310 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion:119 Resp: 1513768
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 25.8 11.4 34.1

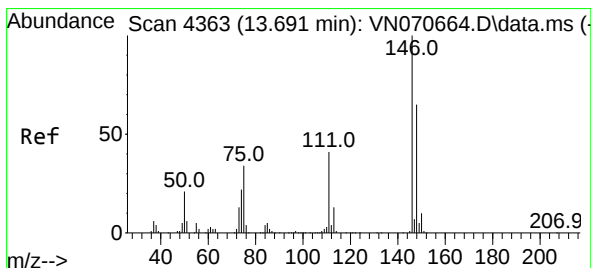
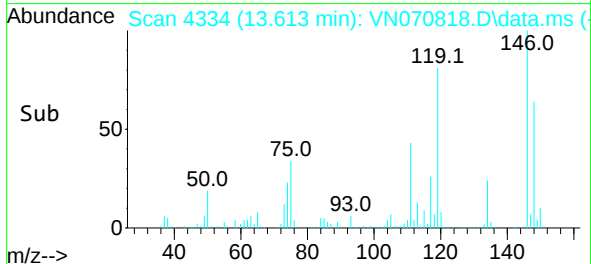
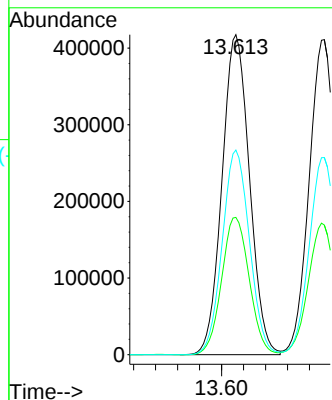
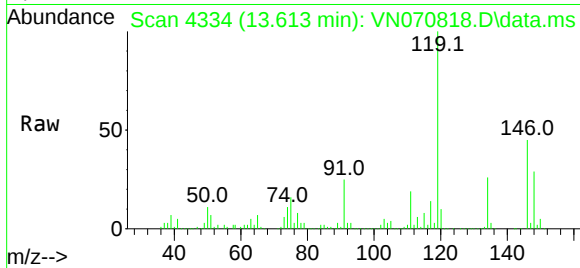




#87
 1,3-Dichlorobenzene
 Concen: 52.454 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

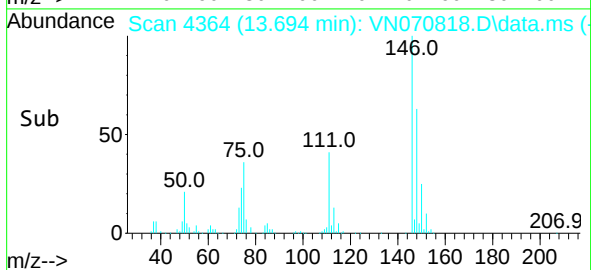
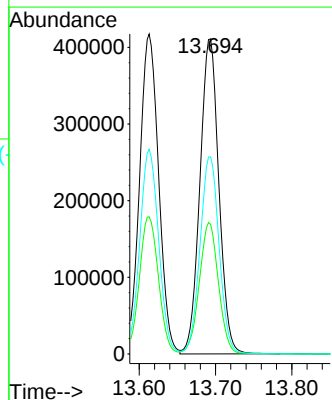
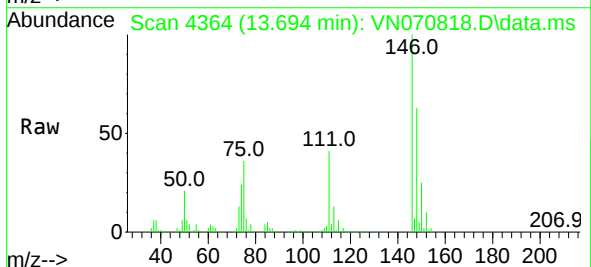
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

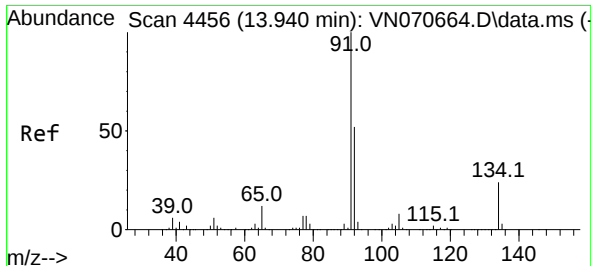
Tgt Ion:146 Resp: 725336
 Ion Ratio Lower Upper
 146 100
 111 43.0 18.6 55.6
 148 63.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.443 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. 0.002 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion:146 Resp: 707924
 Ion Ratio Lower Upper
 146 100
 111 41.8 18.3 54.8
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 56.239 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

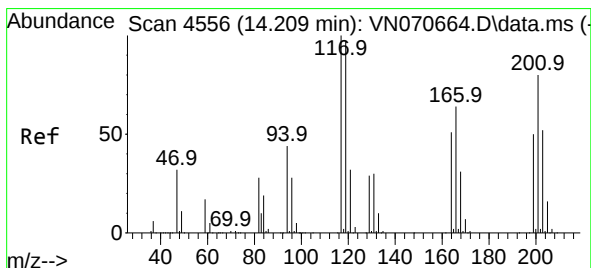
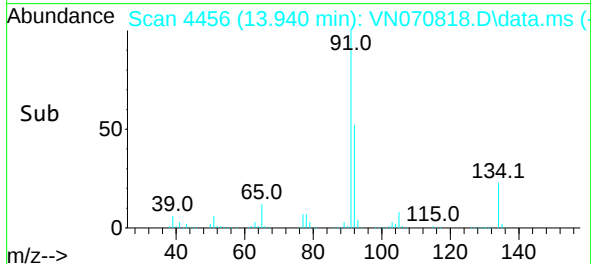
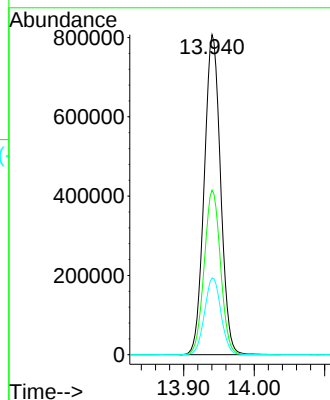
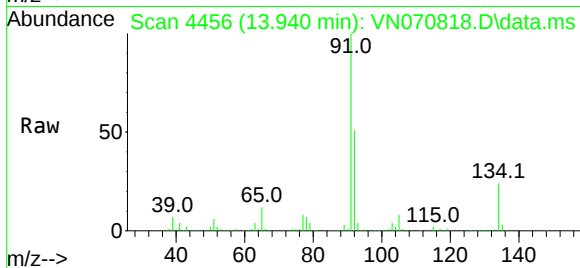
Tgt Ion: 91 Resp: 1293163

Ion Ratio Lower Upper

91 100

92 51.6 25.4 76.0

134 24.3 13.6 40.8



#90

Hexachloroethane

Concen: 53.926 ug/l

RT: 14.208 min Scan# 4556

Delta R.T. -0.001 min

Lab File: VN070818.D

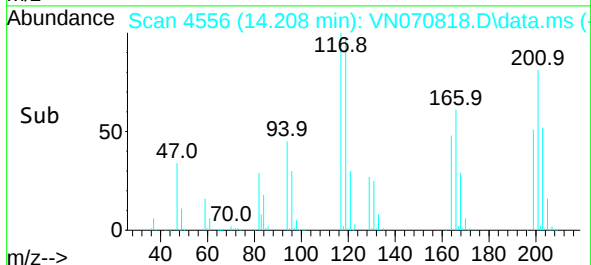
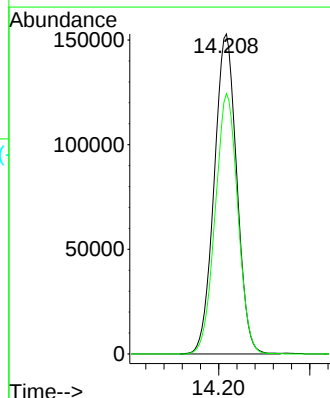
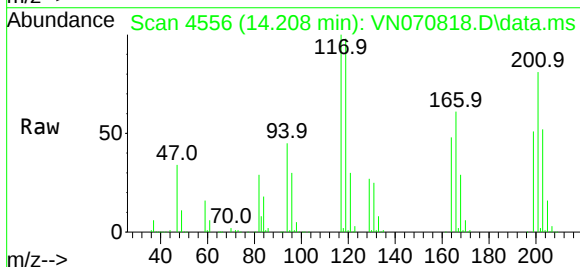
Acq: 28 Jan 2022 10:15

Tgt Ion: 117 Resp: 262740

Ion Ratio Lower Upper

117 100

201 81.6 43.9 131.6

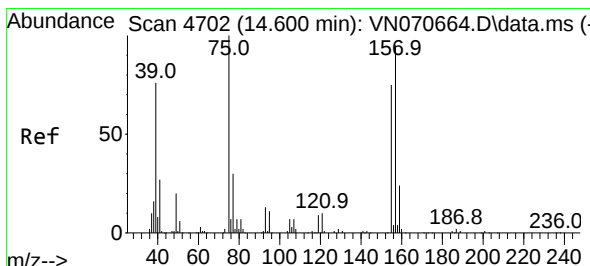
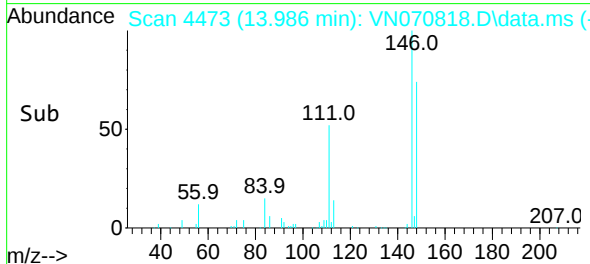
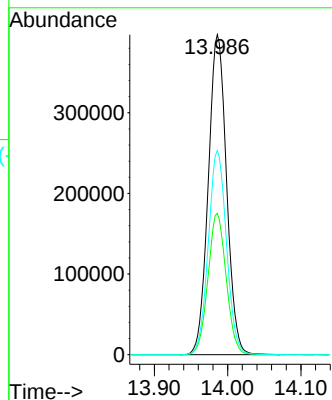
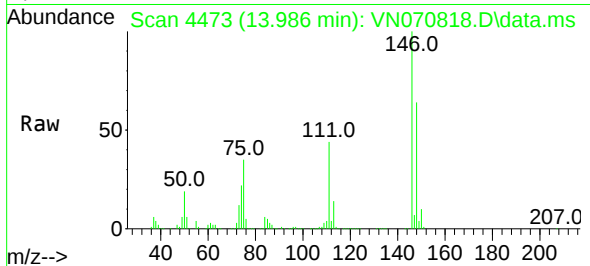




#91
1,2-Dichlorobenzene
Concen: 50.271 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

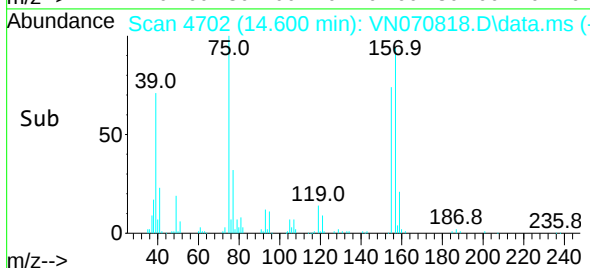
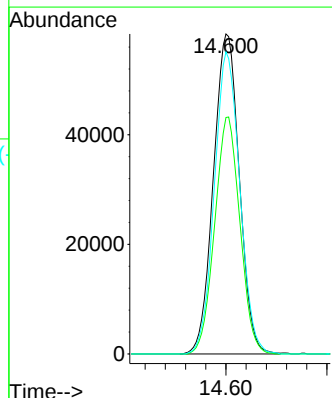
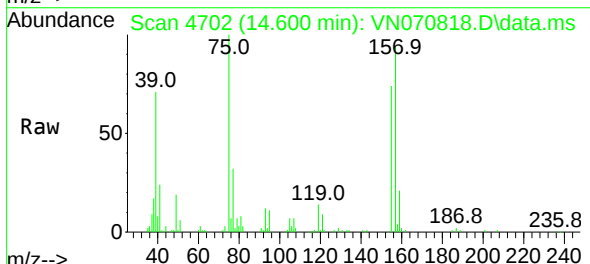
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MSVOA_N
ClientSampleId :
VSTDCCC050

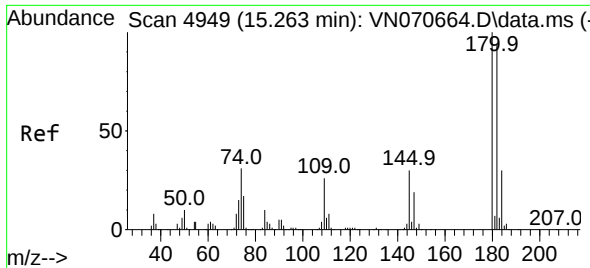
Tgt Ion:146 Resp: 686804
Ion Ratio Lower Upper
146 100
111 44.1 19.1 57.3
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.936 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070818.D
Acq: 28 Jan 2022 10:15

Tgt Ion: 75 Resp: 103938
Ion Ratio Lower Upper
75 100
155 72.1 46.9 140.7
157 92.7 60.6 181.7

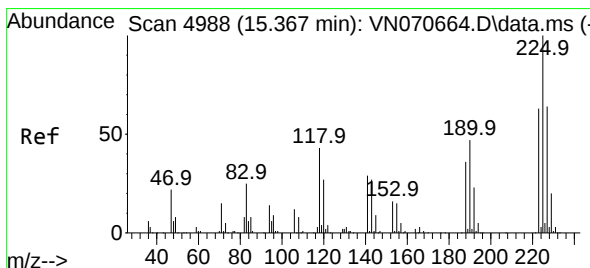
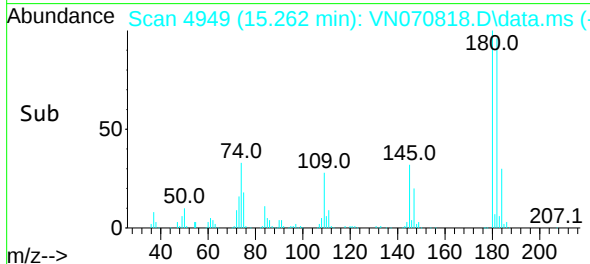
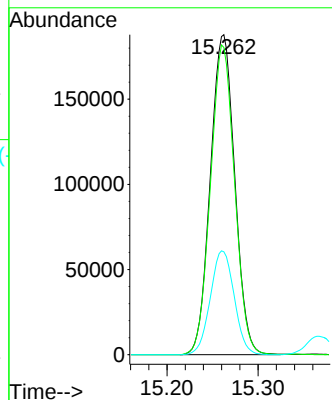
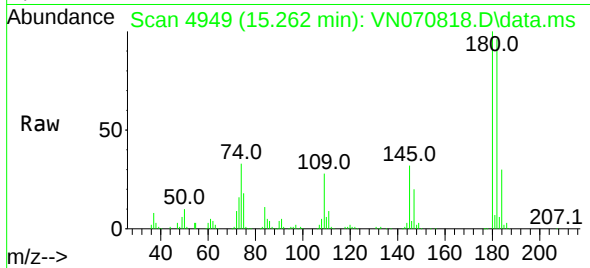




#93
 1,2,4-Trichlorobenzene
 Concen: 48.267 ug/l
 RT: 15.262 min Scan# 4949
 Delta R.T. -0.001 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

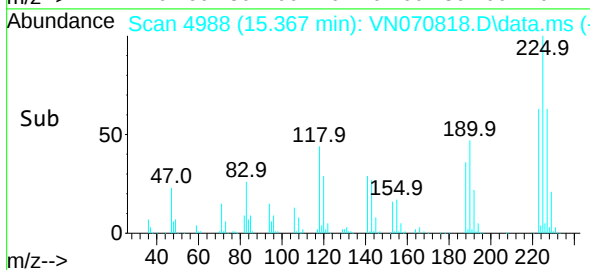
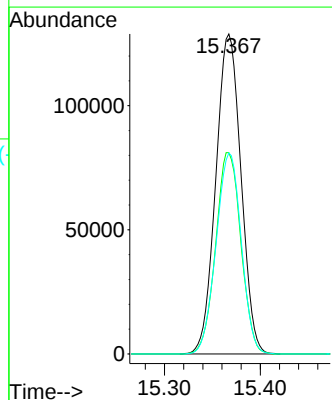
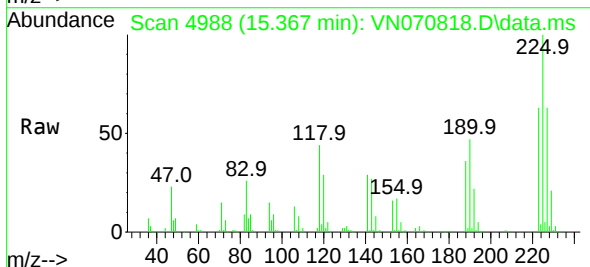
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

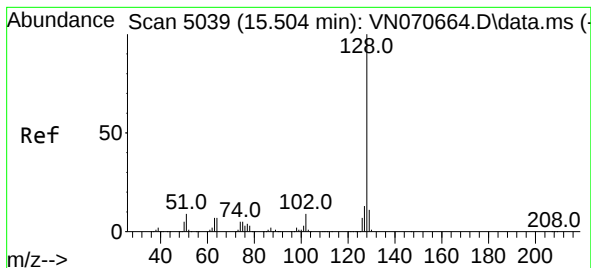
Tgt Ion:180 Resp: 348548
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.3 144.9
 145 31.8 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 58.050 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. 0.000 min
 Lab File: VN070818.D
 Acq: 28 Jan 2022 10:15

Tgt Ion:225 Resp: 234885
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 62.7 32.1 96.3





#95

Naphthalene

Concen: 39.243 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

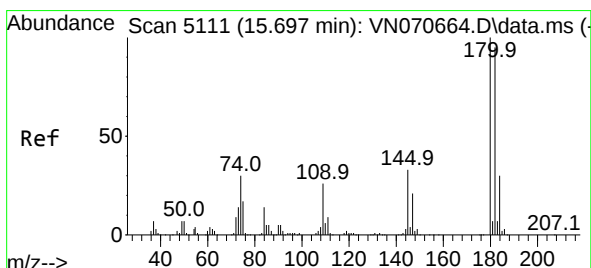
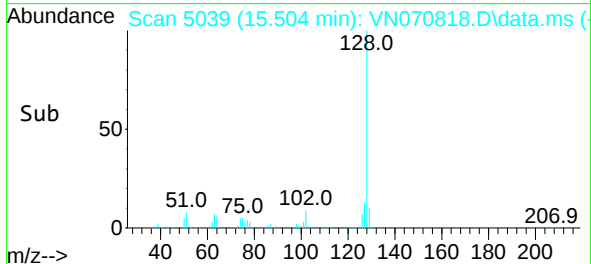
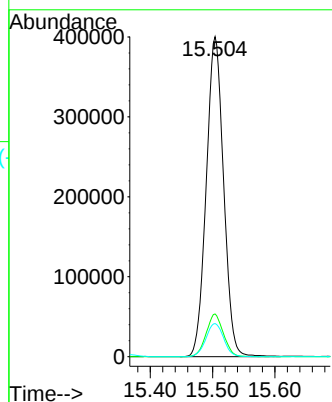
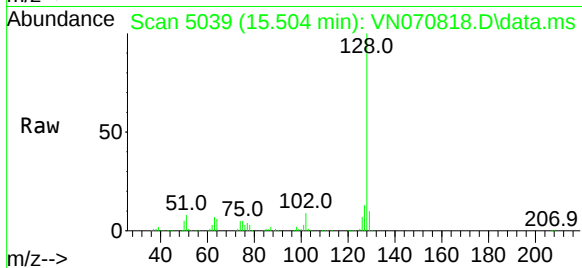
Tgt Ion:128 Resp: 773457

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.327 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.000 min

Lab File: VN070818.D

Acq: 28 Jan 2022 10:15

Tgt Ion:180 Resp: 318879

Ion Ratio Lower Upper

180 100

182 96.9 47.4 142.2

145 34.0 15.0 45.1

