

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070723.D
 Acq On : 20 Jan 2022 16:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 21 02:15:53 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	799174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1293821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1197091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	534534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	554044	48.374	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.740%
35) Dibromofluoromethane	8.021	113	393762	49.063	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.120%
50) Toluene-d8	10.440	98	1649123	48.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.728	95	611348	50.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.480%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	411612	44.572	ug/l	100
3) Chloromethane	2.303	50	557439	41.296	ug/l	98
4) Vinyl Chloride	2.448	62	553966	43.148	ug/l	98
5) Bromomethane	2.848	94	329547	49.283	ug/l	99
6) Chloroethane	3.017	64	347881	43.420	ug/l	97
7) Trichlorofluoromethane	3.376	101	708722	48.322	ug/l	98
8) Diethyl Ether	3.824	74	327219	51.074	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	389958	43.992	ug/l	94
10) Methyl Iodide	4.419	142	519717	45.467	ug/l	100
11) Tert butyl alcohol	5.374	59	457339	221.327	ug/l	98
12) 1,1-Dichloroethene	4.178	96	376014	42.530	ug/l	90
13) Acrolein	4.039	56	663677	223.948	ug/l	100
14) Allyl chloride	4.838	41	884579	45.920	ug/l	# 84
15) Acrylonitrile	5.551	53	1466057	223.026	ug/l	99
16) Acetone	4.285	43	1514348	190.496	ug/l	98
17) Carbon Disulfide	4.527	76	1031630	42.964	ug/l	99
18) Methyl Acetate	4.854	43	676772	43.289	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1486486	47.065	ug/l	93
20) Methylene Chloride	5.095	84	455106	43.462	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	403272	45.321	ug/l	85
22) Diisopropyl ether	6.495	45	1756284	45.998	ug/l	92
23) Vinyl Acetate	6.431	43	7626225	235.623	ug/l	# 94
24) 1,1-Dichloroethane	6.385	63	870783	45.593	ug/l	98
25) 2-Butanone	7.332	43	2113729	211.305	ug/l	92
26) 2,2-Dichloropropane	7.324	77	675384	46.122	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	475895	45.022	ug/l	85
28) Bromochloromethane	7.657	49	408906	47.685	ug/l	# 75
29) Tetrahydrofuran	7.683	42	1365099	222.873	ug/l	87
30) Chloroform	7.817	83	825166	44.184	ug/l	99
31) Cyclohexane	8.094	56	877505	43.509	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	693233	46.762	ug/l	97
36) 1,1-Dichloropropene	8.220	75	637527	47.186	ug/l	96
37) Ethyl Acetate	7.413	43	820727	45.755	ug/l	97
38) Carbon Tetrachloride	8.204	117	573859	47.744	ug/l	97
39) Methylcyclohexane	9.459	83	799372	47.925	ug/l	88
40) Benzene	8.458	78	1909971	45.623	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	403029	44.164	ug/l	90
42) 1,2-Dichloroethane	8.528	62	678968	46.773	ug/l	99
43) Isopropyl Acetate	8.560	43	1283541	46.849	ug/l #	96
44) Trichloroethene	9.215	130	436337	45.975	ug/l	89
45) 1,2-Dichloropropane	9.488	63	528638	46.411	ug/l	99
46) Dibromomethane	9.574	93	312019	47.111	ug/l	94
47) Bromodichloromethane	9.759	83	633462	46.790	ug/l	99
48) Methyl methacrylate	9.558	41	628979	48.190	ug/l #	80
49) 1,4-Dioxane	9.569	88	193269	985.785	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	4070631	232.844	ug/l	98
52) Toluene	10.505	92	1180350	47.135	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	717173	43.987	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	790406	48.682	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	452036	45.949	ug/l	97
56) Ethyl methacrylate	10.760	69	804735	43.333	ug/l	89
57) 1,3-Dichloropropane	11.044	76	819144	47.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1021375	218.148	ug/l	90
59) 2-Hexanone	11.084	43	2988575	235.320	ug/l	97
60) Dibromochloromethane	11.237	129	442658	48.239	ug/l	99
61) 1,2-Dibromoethane	11.344	107	458241	46.394	ug/l	100
64) Tetrachloroethene	10.977	164	383306	43.671	ug/l	94
65) Chlorobenzene	11.768	112	1211774	46.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	428634	47.992	ug/l	99
67) Ethyl Benzene	11.843	91	2302958	47.892	ug/l	95
68) m/p-Xylenes	11.950	106	1697758	97.052	ug/l	91
69) o-Xylene	12.280	106	833023	47.985	ug/l	90
70) Styrene	12.294	104	1393415	50.173	ug/l	95
71) Bromoform	12.457	173	323550	47.959	ug/l #	99
73) Isopropylbenzene	12.578	105	2229254	44.083	ug/l	98
74) N-amyl acetate	12.385	43	980774	47.435	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	718558	42.074	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	890601	62.819	ug/l	74
77) Bromobenzene	12.860	156	493495	43.525	ug/l	75
78) n-propylbenzene	12.919	91	2609124	46.135	ug/l	96
79) 2-Chlorotoluene	13.007	91	1583085	44.251	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1864672	45.597	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	218262	45.865	ug/l	94
82) 4-Chlorotoluene	13.104	91	1546944	46.280	ug/l	91
83) tert-Butylbenzene	13.321	119	1594684	44.797	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	1823357	46.385	ug/l	96
85) sec-Butylbenzene	13.501	105	2270751	46.921	ug/l	97
86) p-Isopropyltoluene	13.613	119	1839047	48.374	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	877252	46.512	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	855665	45.587	ug/l	97
89) n-Butylbenzene	13.940	91	1547373	49.337	ug/l	96
90) Hexachloroethane	14.209	117	301784	45.412	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	843423	45.261	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	128245	44.268	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	422104	43.240	ug/l	98
94) Hexachlorobutadiene	15.367	225	269717	48.871	ug/l	99
95) Naphthalene	15.504	128	1062666	39.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	401759	43.038	ug/l	98

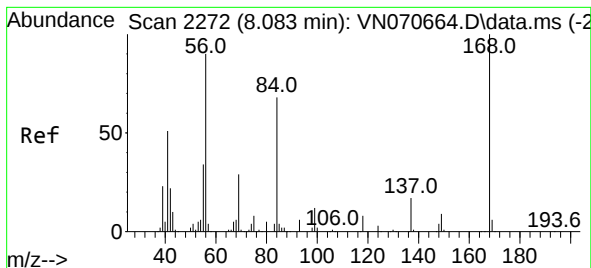
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070723.D

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MSVOA_N

ClientSampleId :

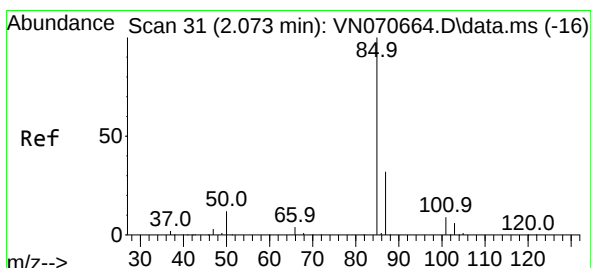
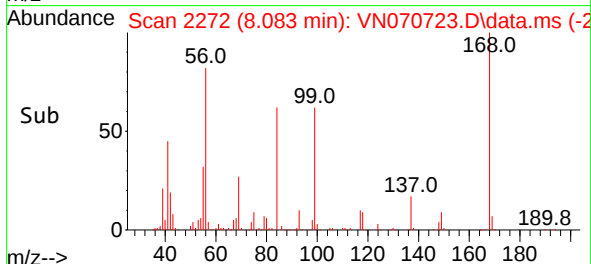
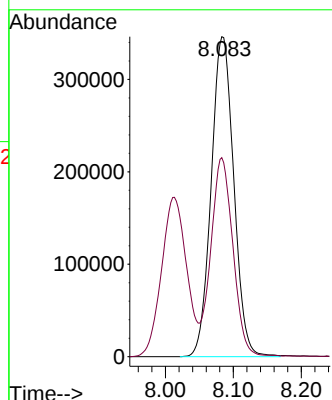
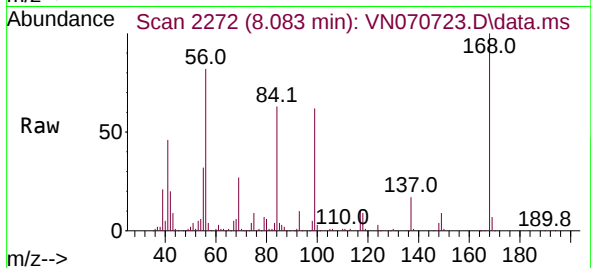
VSTDCCC050EC

Tgt Ion:168 Resp: 799174

Ion Ratio Lower Upper

168 100

99 61.9 41.3 61.9#



#2

Dichlorodifluoromethane

Concen: 44.572 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070723.D

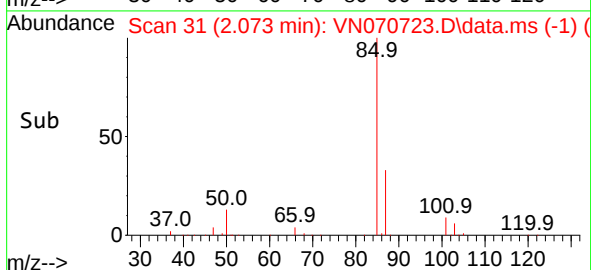
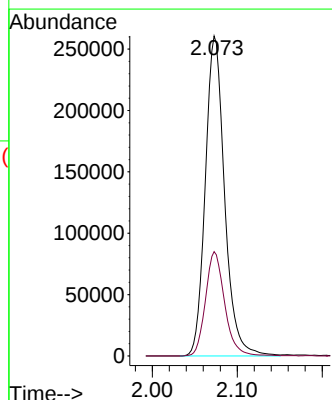
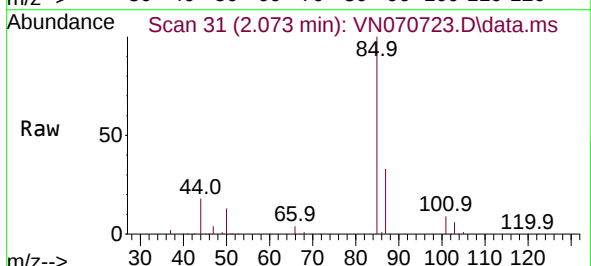
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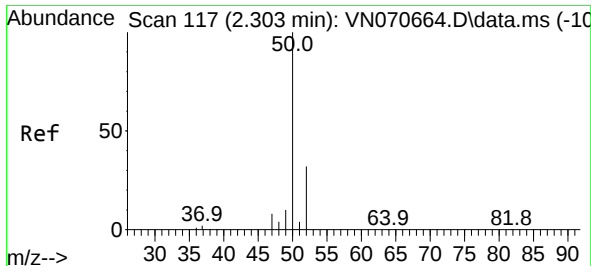
Tgt Ion: 85 Resp: 411612

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9

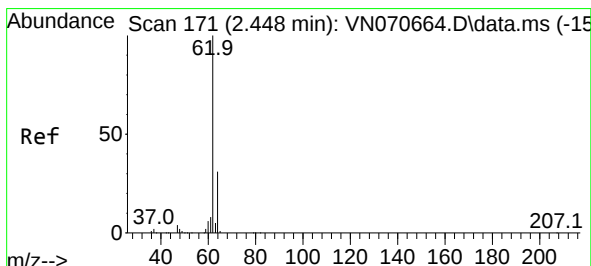
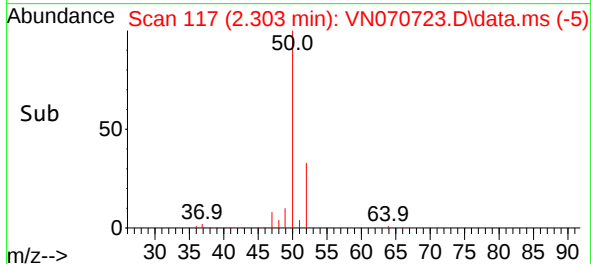
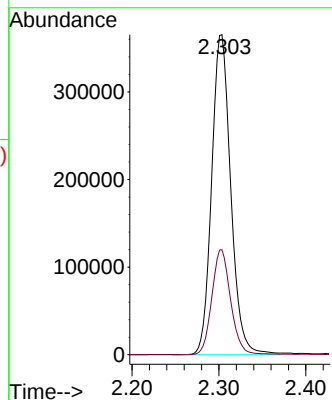
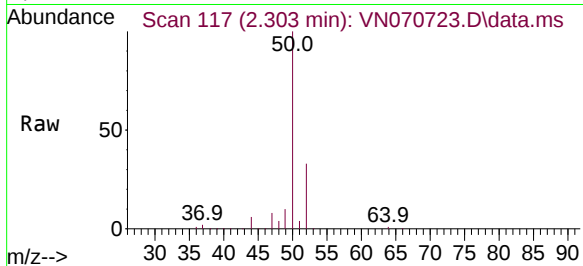




#3
Chloromethane
Concen: 41.296 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

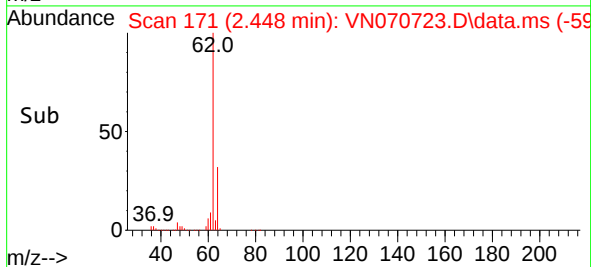
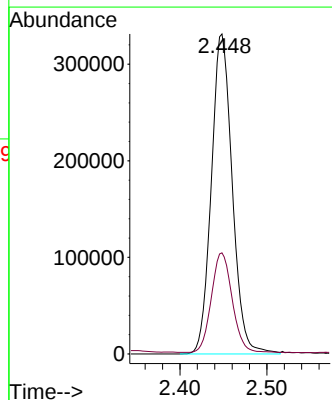
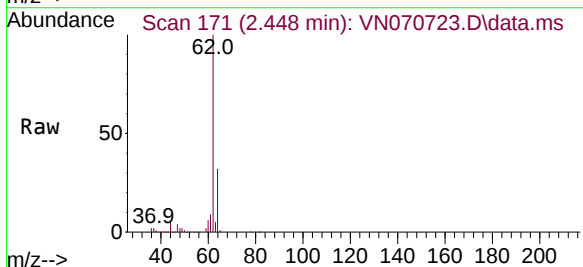
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 557439
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0



#4
Vinyl Chloride
Concen: 43.148 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 62 Resp: 553966
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5

Bromomethane

Concen: 49.283 ug/l

RT: 2.848 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

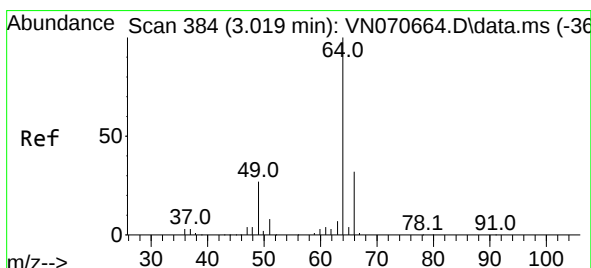
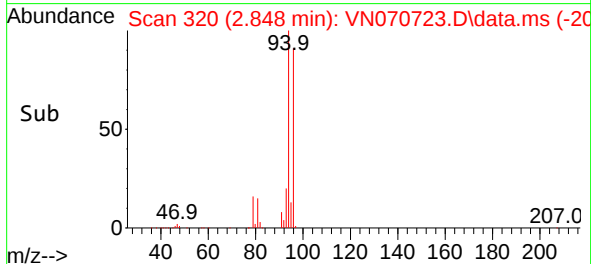
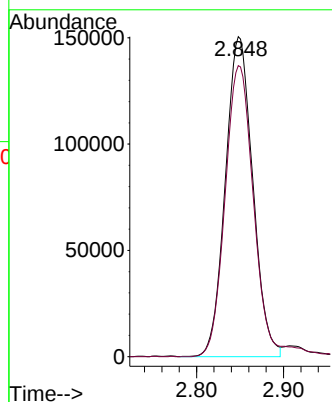
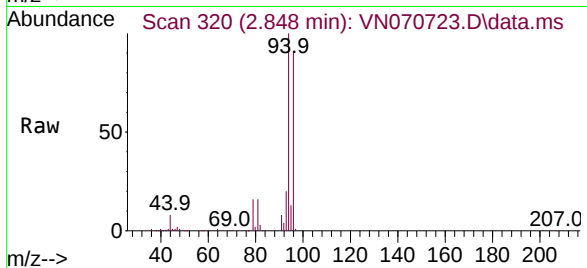
VSTDCCC050EC

Tgt Ion: 94 Resp: 329547

Ion Ratio Lower Upper

94 100

96 90.9 73.8 110.8



#6

Chloroethane

Concen: 43.420 ug/l

RT: 3.017 min Scan# 383

Delta R.T. -0.002 min

Lab File: VN070723.D

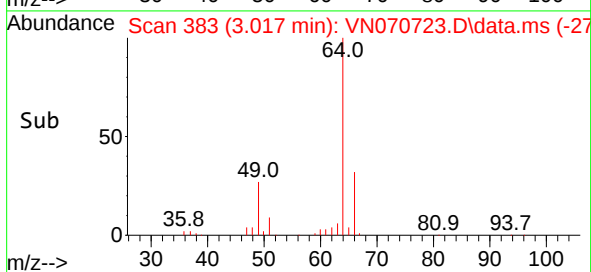
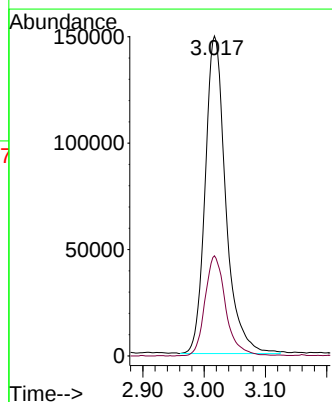
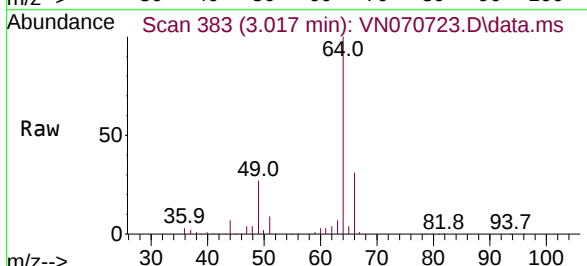
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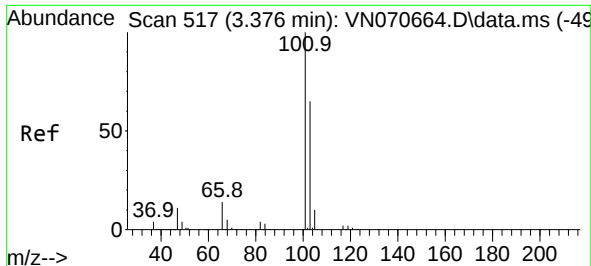
Tgt Ion: 64 Resp: 347881

Ion Ratio Lower Upper

64 100

66 31.4 26.3 39.5

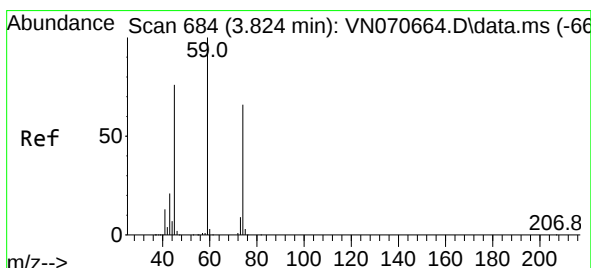
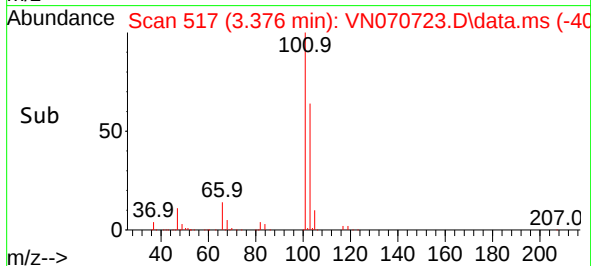
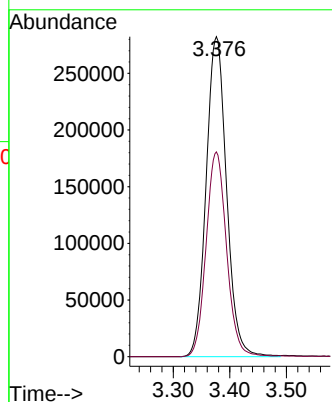
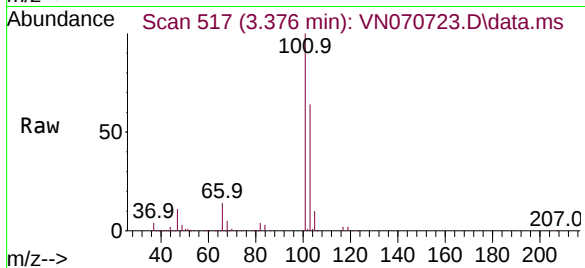




#7
Trichlorofluoromethane
Concen: 48.322 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

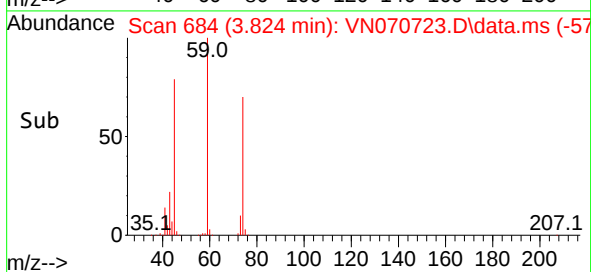
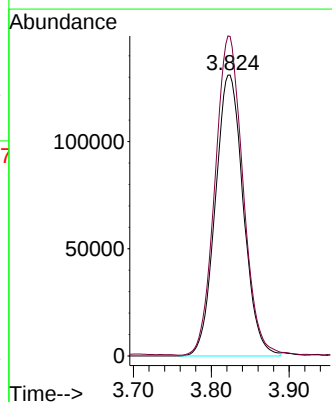
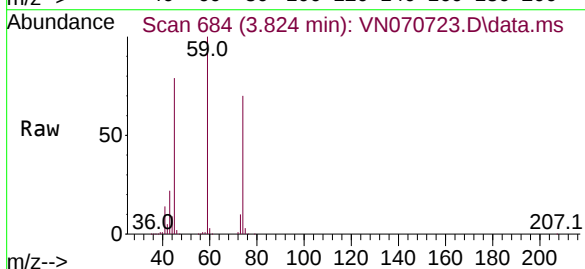
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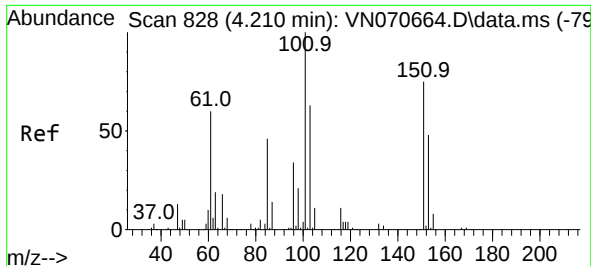
Tgt Ion:101 Resp: 708722
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1



#8
Diethyl Ether
Concen: 51.074 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 74 Resp: 327219
Ion Ratio Lower Upper
74 100
45 113.4 47.0 141.2

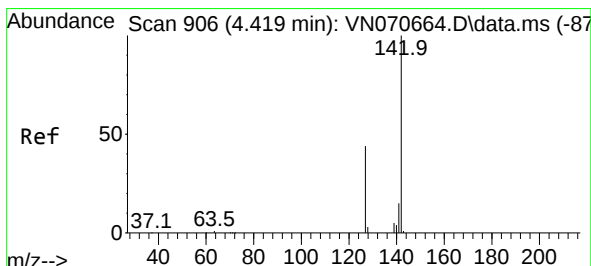
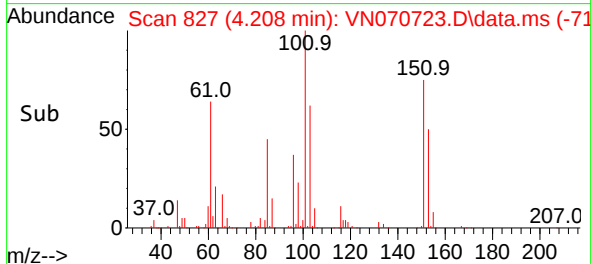
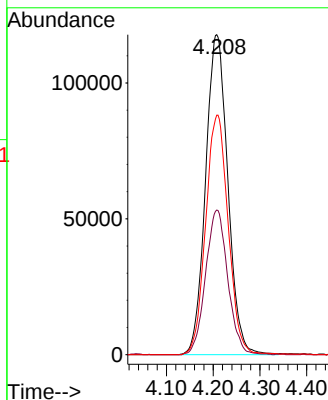
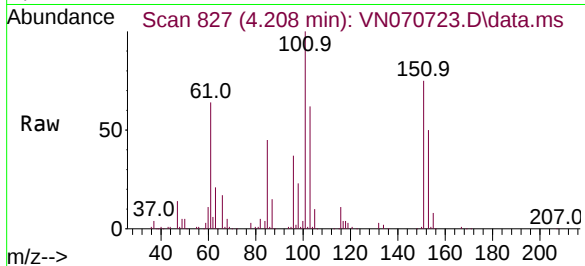




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.992 ug/l
RT: 4.208 min Scan# 81
Delta R.T. -0.002 min
Lab File: VN070723.D
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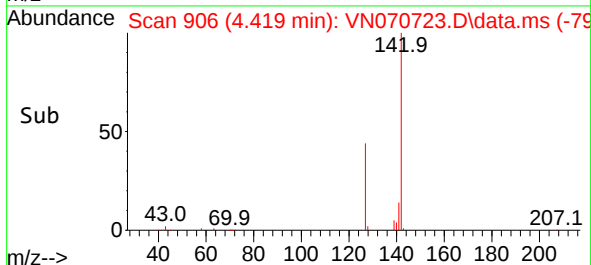
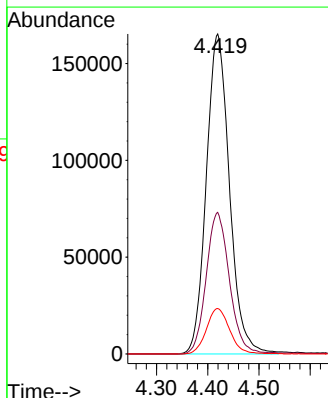
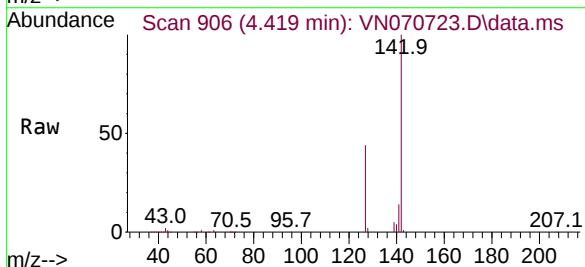
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

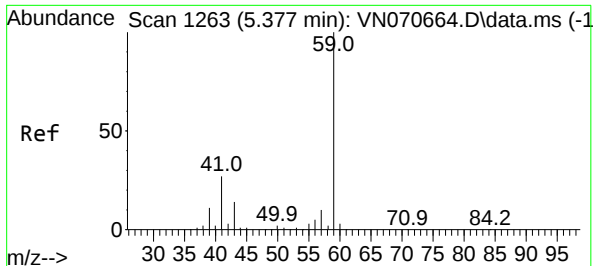
Tgt Ion:101 Resp: 389958
Ion Ratio Lower Upper
101 100
85 45.0 37.2 55.8
151 75.7 65.9 98.9



#10
Methyl Iodide
Concen: 45.467 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:142 Resp: 519717
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.0
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 221.327 ug/l

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

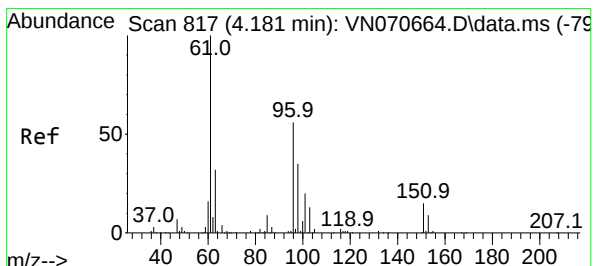
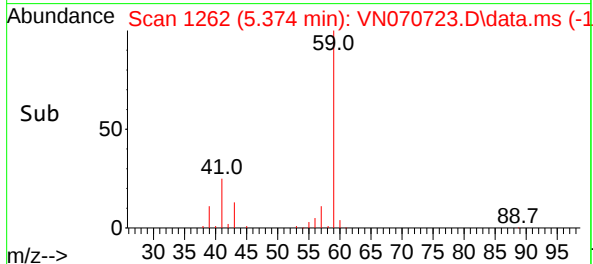
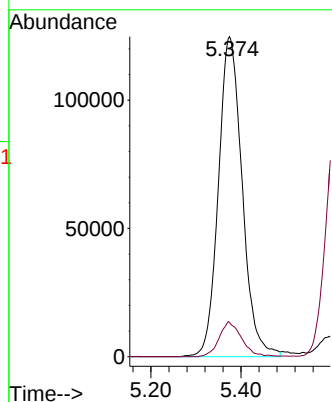
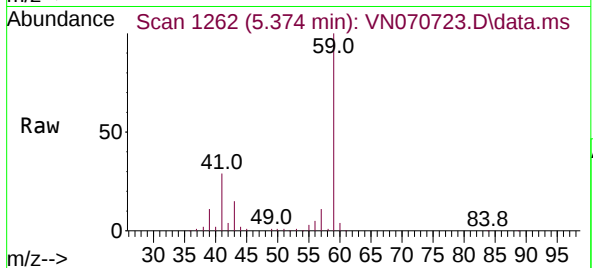
VSTDCCC050EC

Tgt Ion: 59 Resp: 457339

Ion Ratio Lower Upper

59 100

57 10.2 8.7 13.1



#12

1,1-Dichloroethene

Concen: 42.530 ug/l

RT: 4.178 min Scan# 816

Delta R.T. -0.003 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

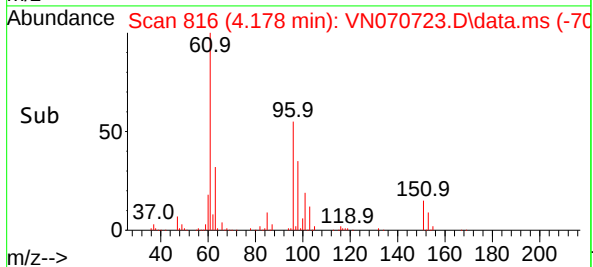
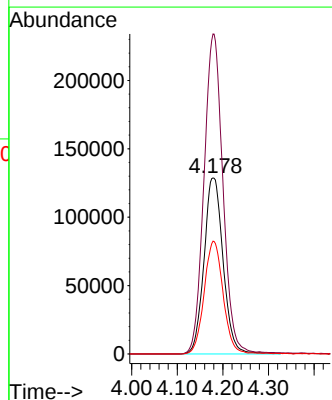
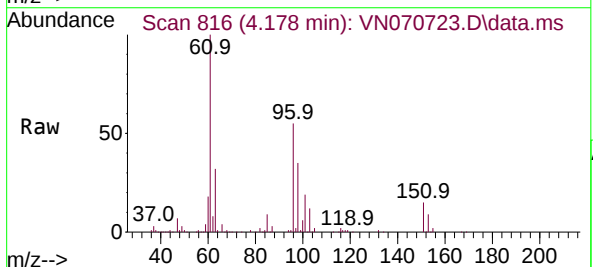
Tgt Ion: 96 Resp: 376014

Ion Ratio Lower Upper

96 100

61 181.8 131.0 196.6

98 64.1 52.4 78.6

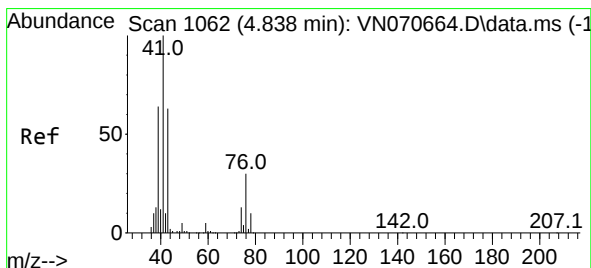
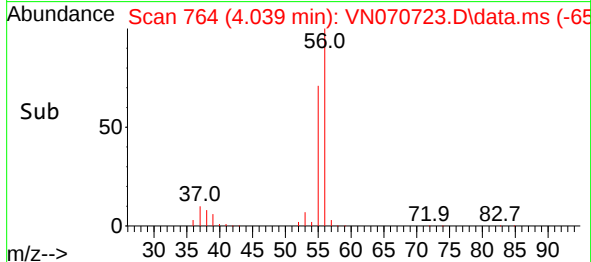
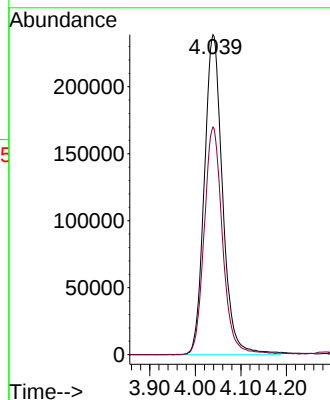
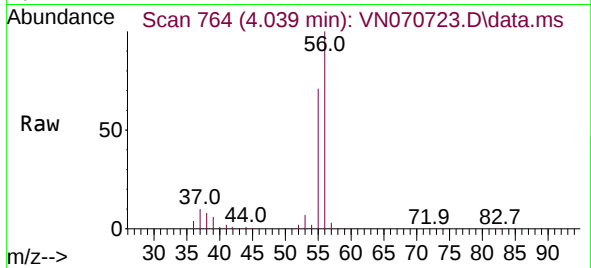




#13
Acrolein
Concen: 223.948 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

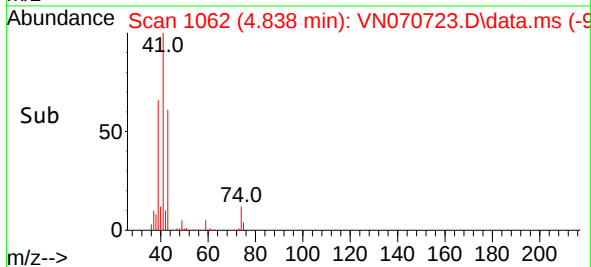
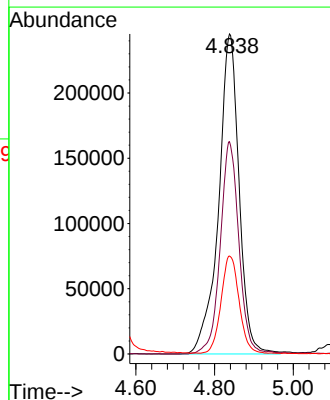
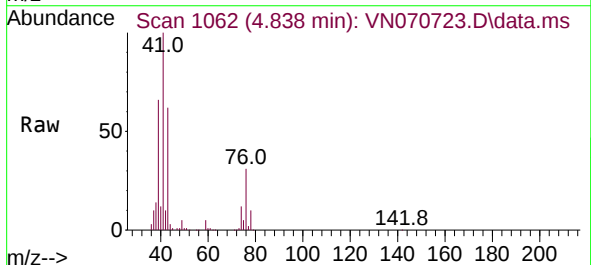
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

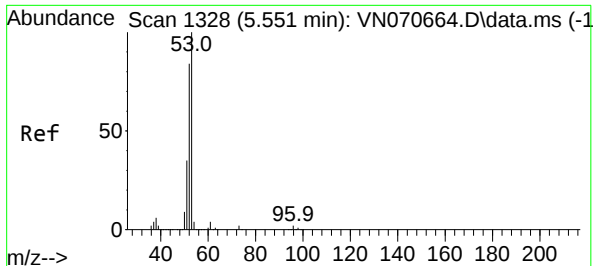
Tgt Ion: 56 Resp: 663677
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 45.920 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 41 Resp: 884579
Ion Ratio Lower Upper
41 100
39 60.3 61.2 91.8#
76 26.6 26.0 39.0



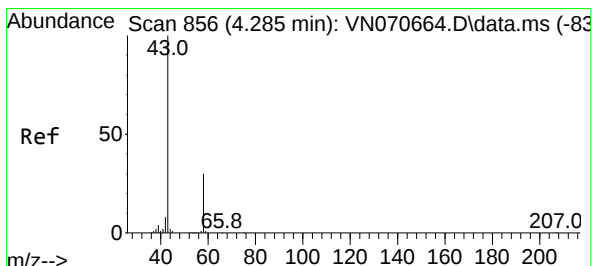
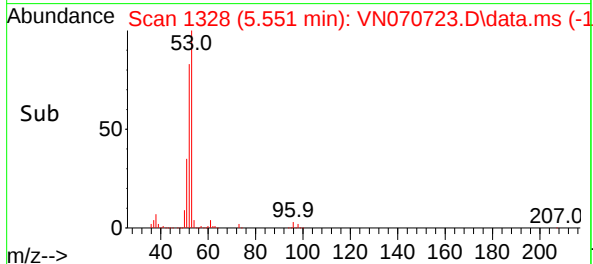
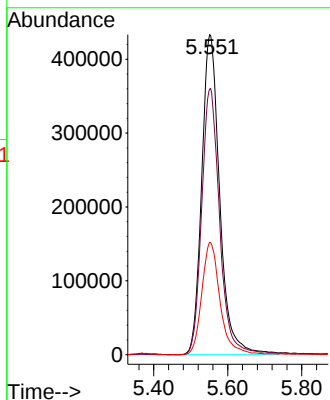
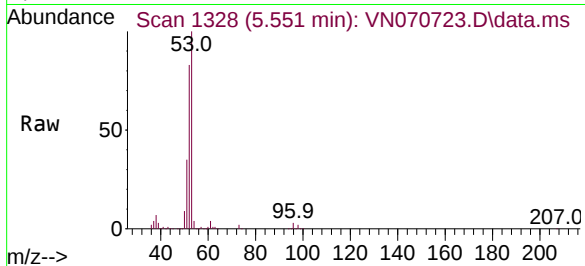


#15
Acrylonitrile
Concen: 223.026 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1466057

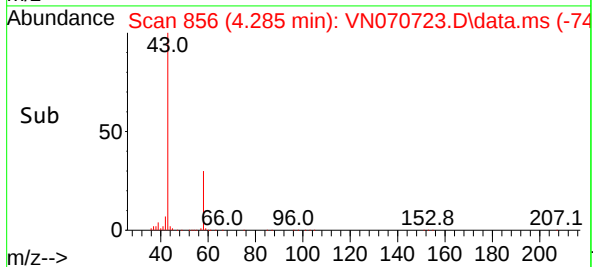
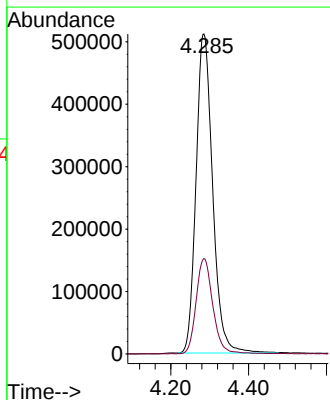
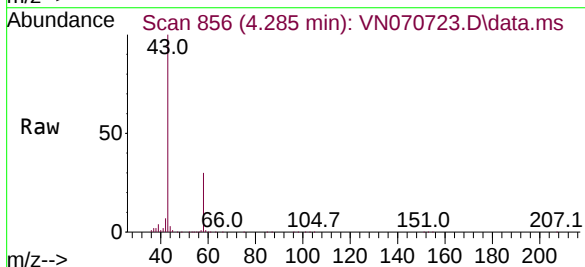
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	35.3	29.6	44.4

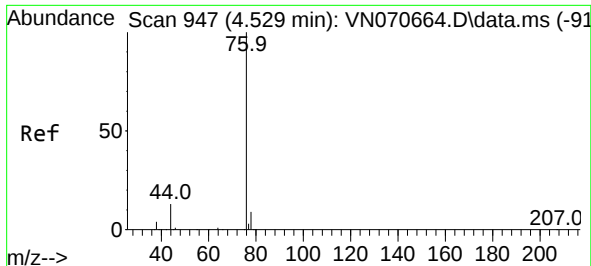


#16
Acetone
Concen: 190.496 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 43 Resp: 1514348

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.1	34.7

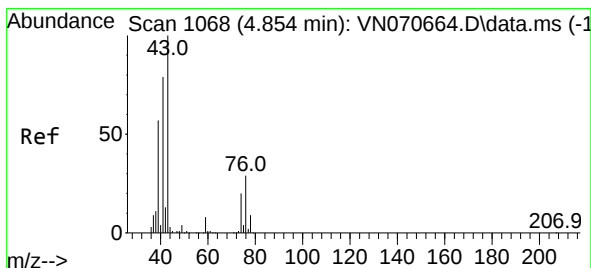
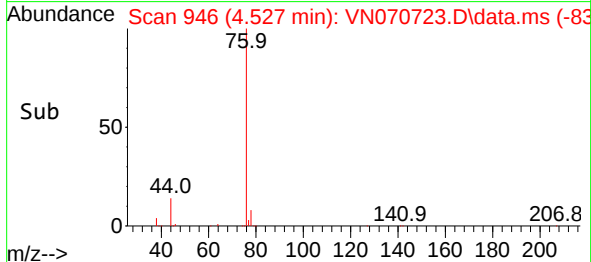
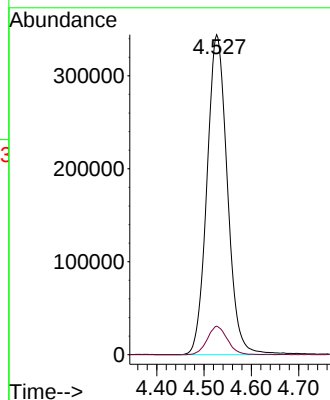
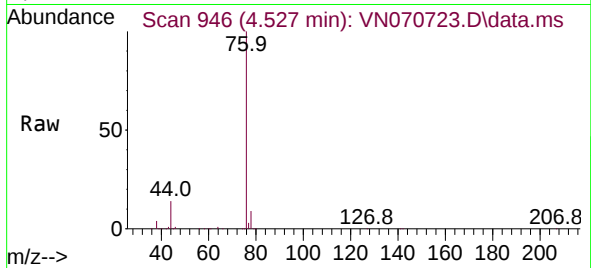




#17
Carbon Disulfide
Concen: 42.964 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

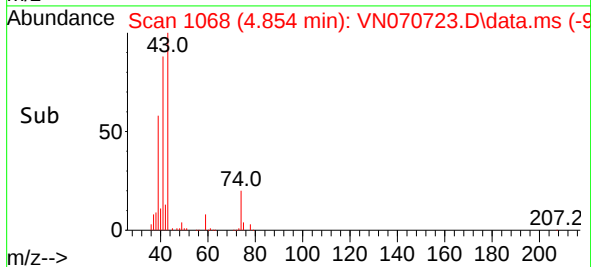
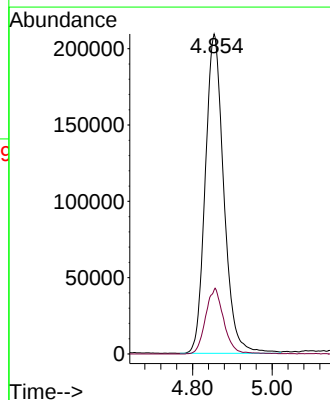
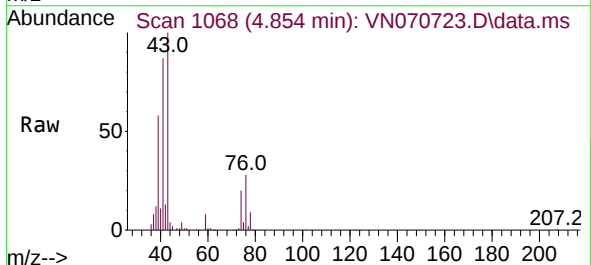
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

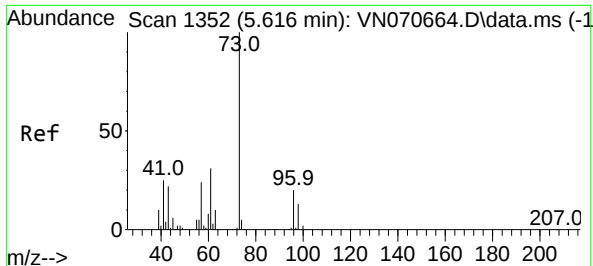
Tgt Ion: 76 Resp: 1031630
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 43.289 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 43 Resp: 676772
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.065 ug/l

RT: 5.616 min Scan# 11352

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

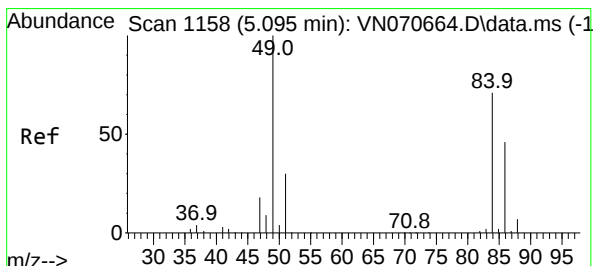
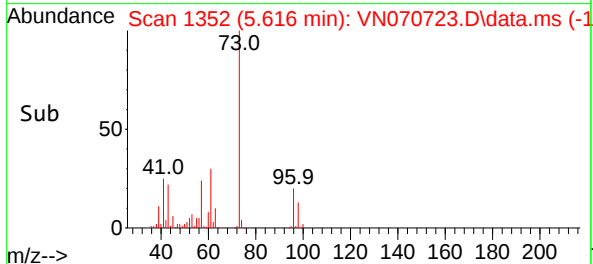
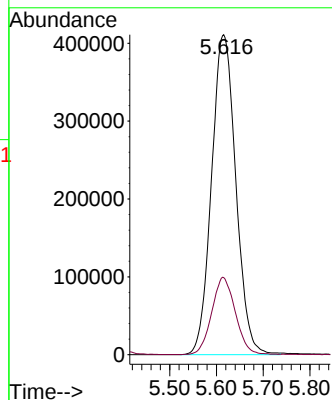
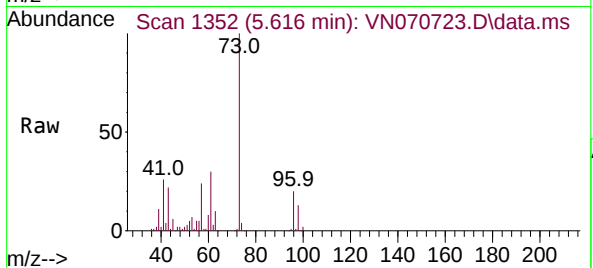
VSTDCCC050EC

Tgt Ion: 73 Resp: 1486486

Ion Ratio Lower Upper

73 100

57 24.1 16.8 25.2



#20

Methylene Chloride

Concen: 43.462 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Tgt Ion: 84 Resp: 455106

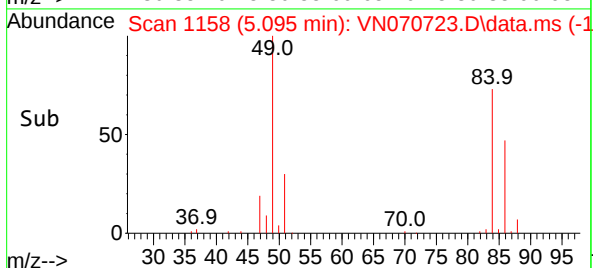
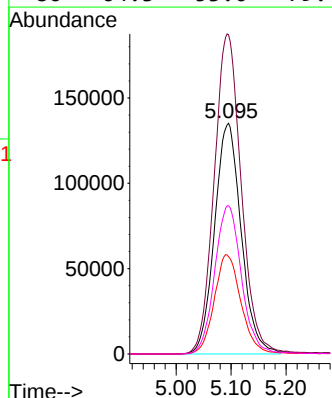
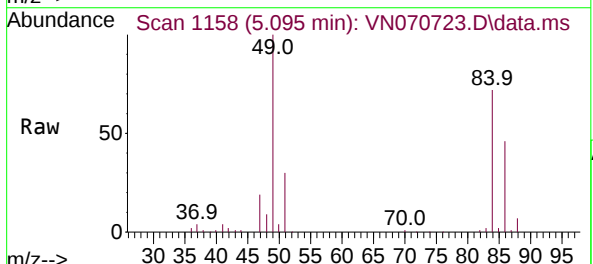
Ion Ratio Lower Upper

84 100

49 138.4 93.5 140.3

51 42.2 29.4 44.2

86 64.3 53.0 79.4

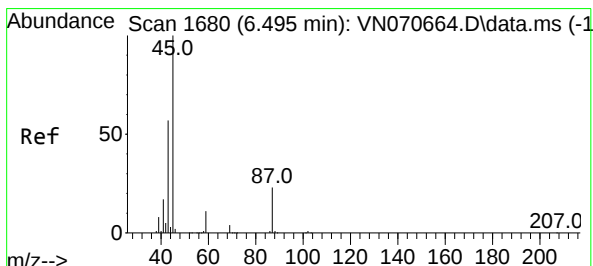
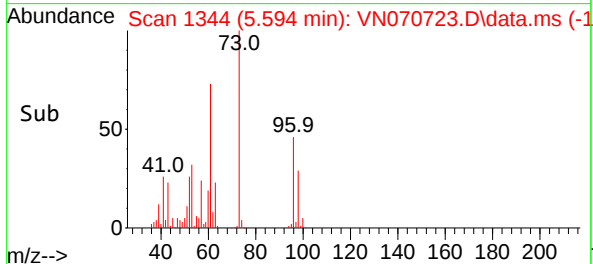
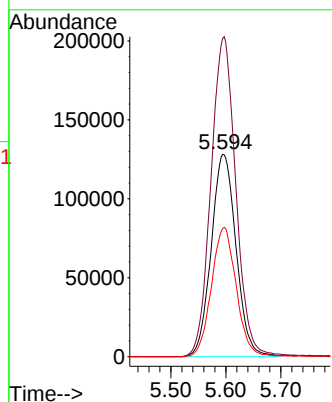
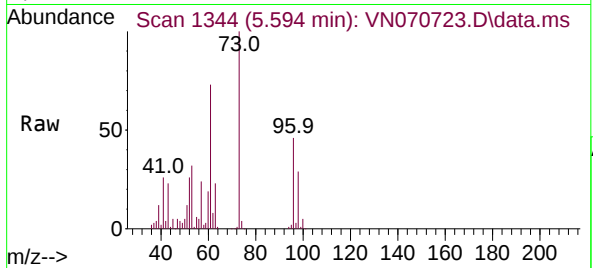




#21
trans-1,2-Dichloroethene
Concen: 45.321 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

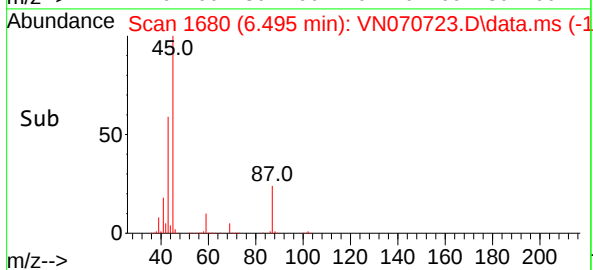
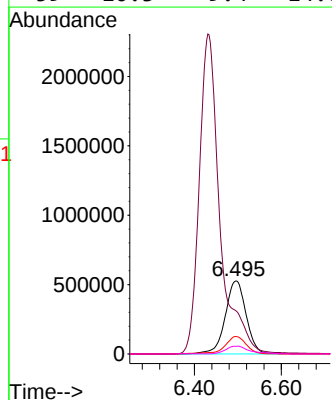
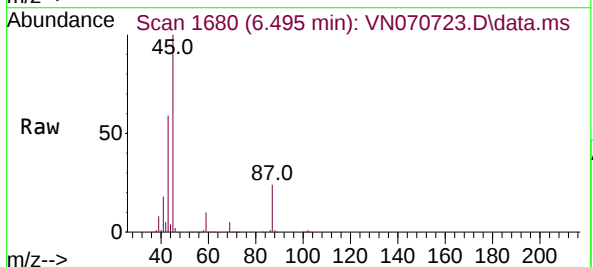
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

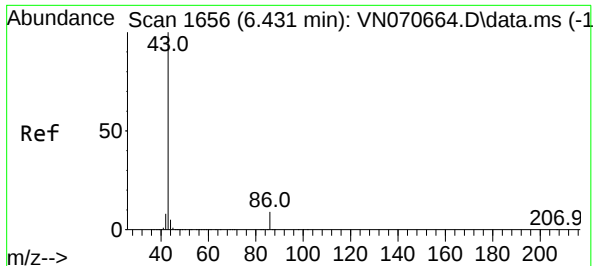
Tgt Ion: 96 Resp: 403272
Ion Ratio Lower Upper
96 100
61 157.3 105.8 158.6
98 63.3 52.0 78.0



#22
Diisopropyl ether
Concen: 45.998 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 45 Resp: 1756284
Ion Ratio Lower Upper
45 100
43 58.5 51.7 77.5
87 23.9 23.2 34.8
59 10.3 9.4 14.0

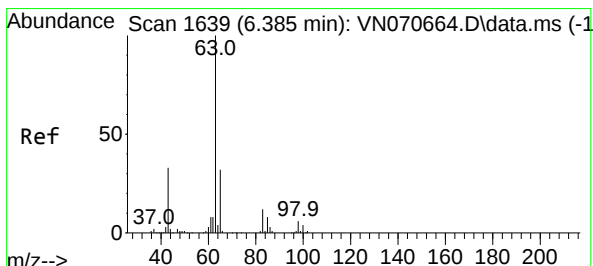
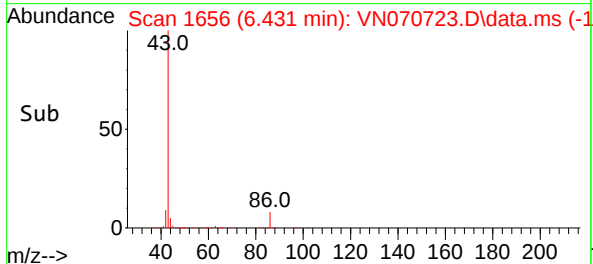
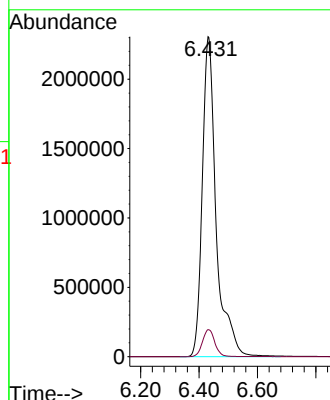
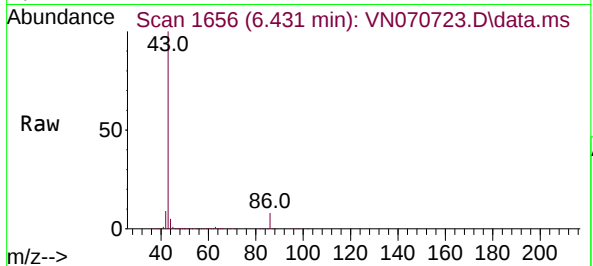




#23
 Vinyl Acetate
 Concen: 235.623 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

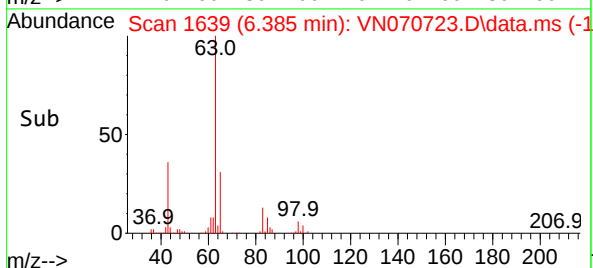
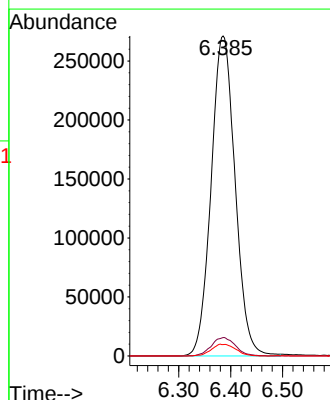
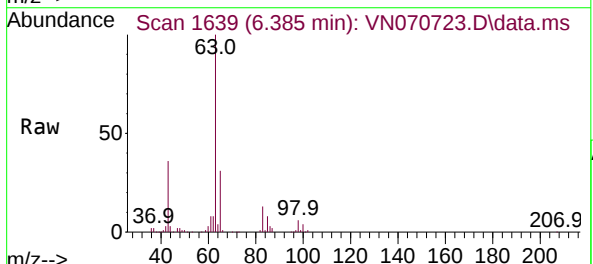
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 7626225
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 45.593 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

Tgt Ion: 63 Resp: 870783
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.5 2.1 6.5

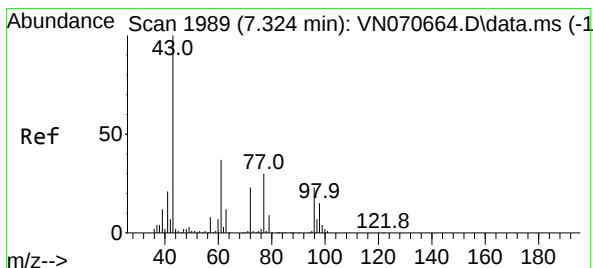
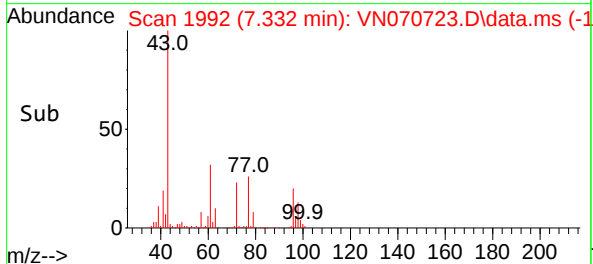
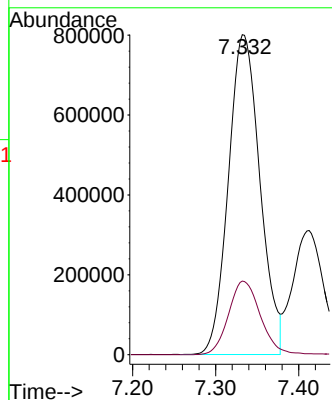
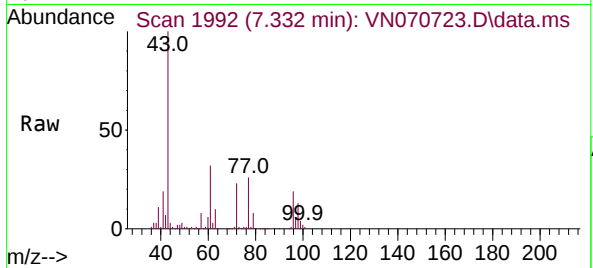




#25
2-Butanone
Concen: 211.305 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

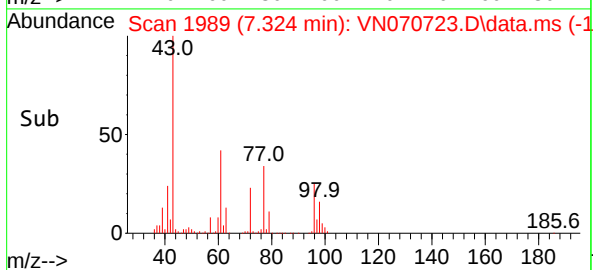
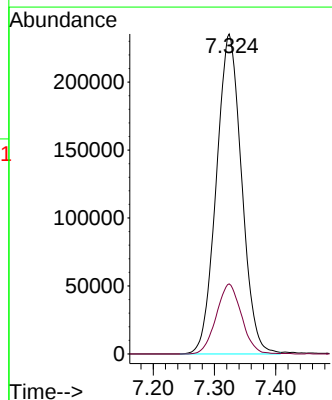
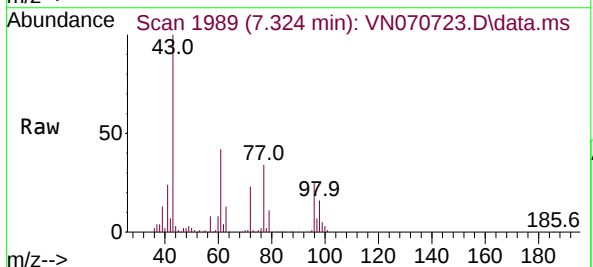
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

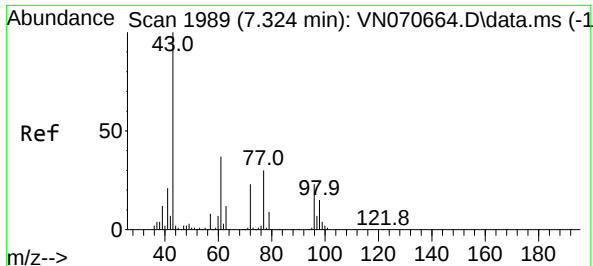
Tgt Ion: 43 Resp: 2113729
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5



#26
2,2-Dichloropropane
Concen: 46.122 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 77 Resp: 675384
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.022 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

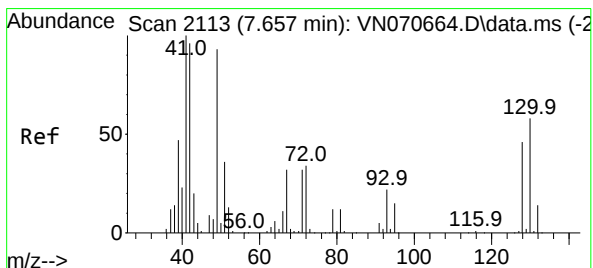
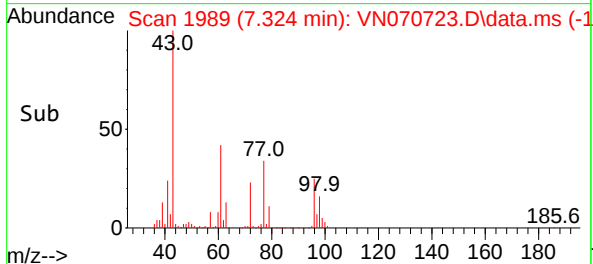
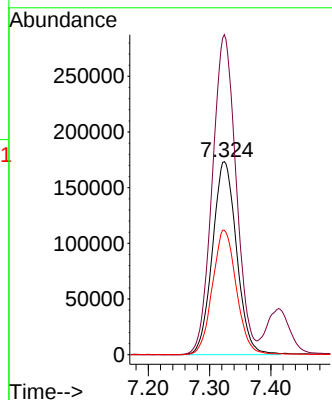
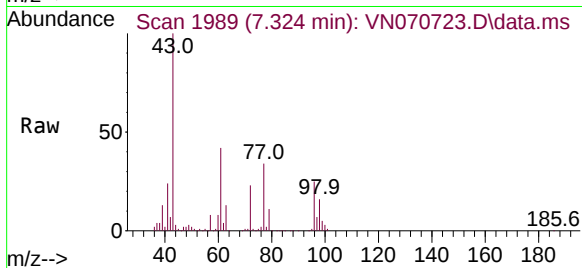
Tgt Ion: 96 Resp: 475895

Ion Ratio Lower Upper

96 100

61 163.3 0.0 275.0

98 64.0 0.0 129.6



#28

Bromochloromethane

Concen: 47.685 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

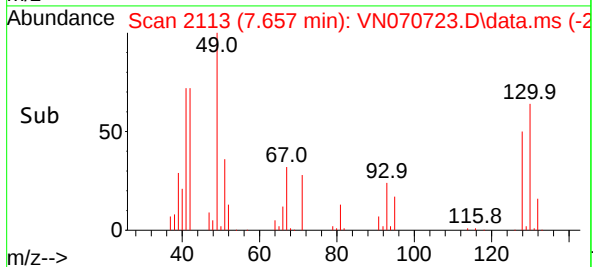
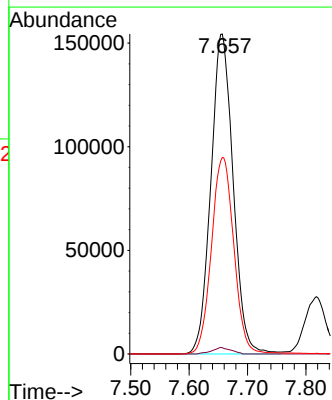
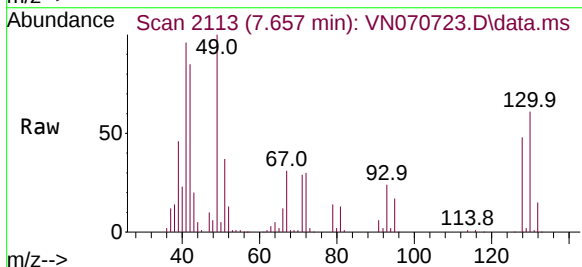
Tgt Ion: 49 Resp: 408906

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 61.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 222.873 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

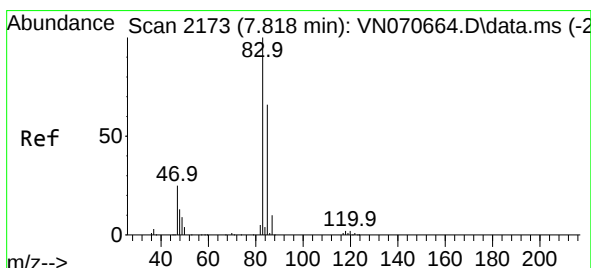
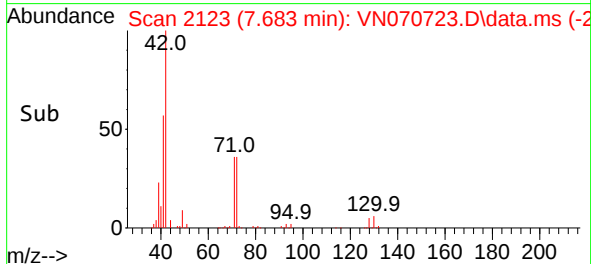
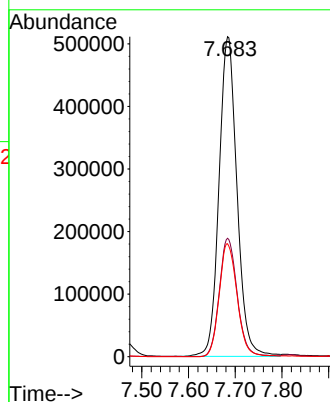
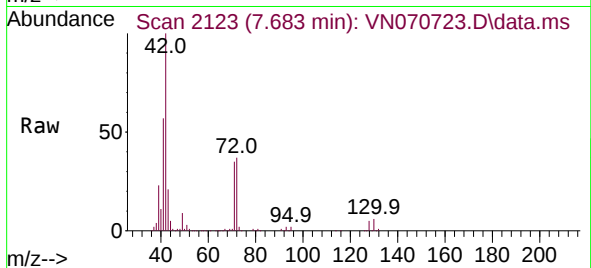
Tgt Ion: 42 Resp: 1365099

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

71 35.2 34.7 52.1



#30

Chloroform

Concen: 44.184 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070723.D

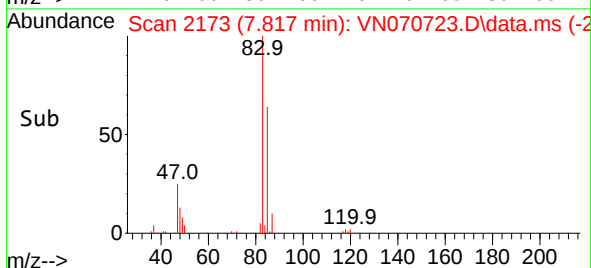
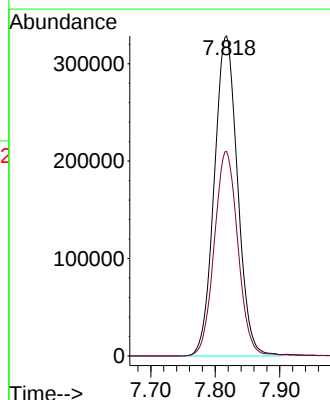
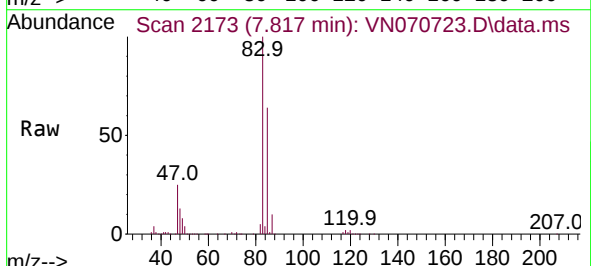
Acq: 20 Jan 2022 16:58

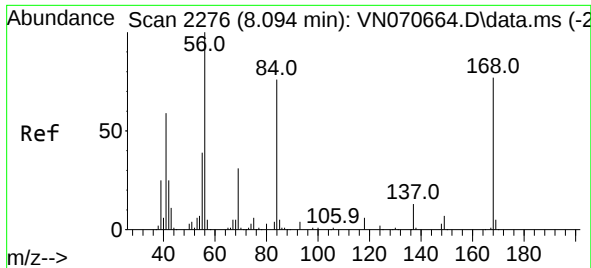
Tgt Ion: 83 Resp: 825166

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

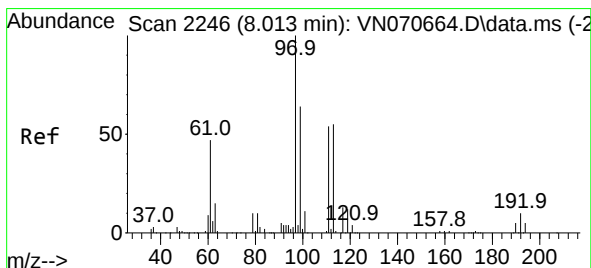
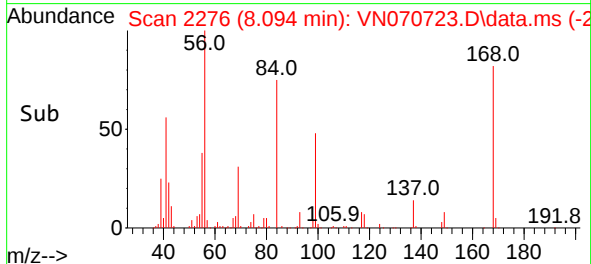
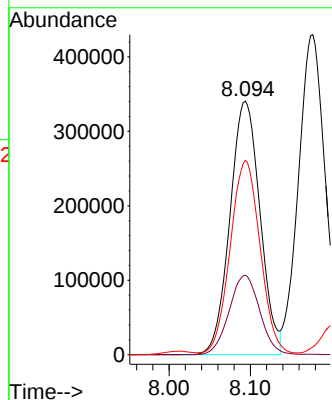
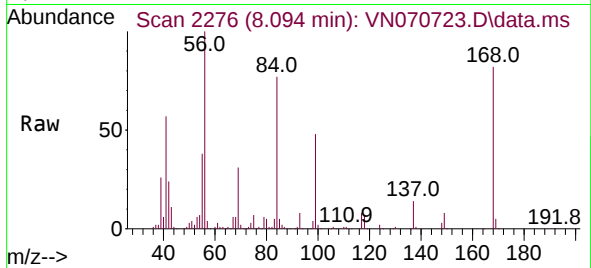




#31
Cyclohexane
Concen: 43.509 ug/l
RT: 8.094 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

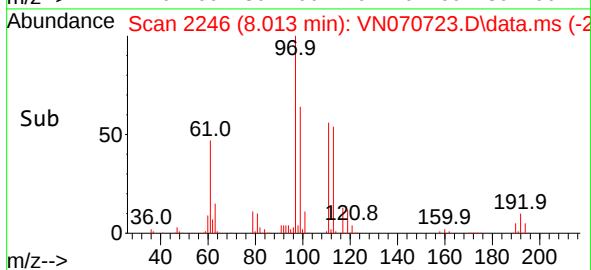
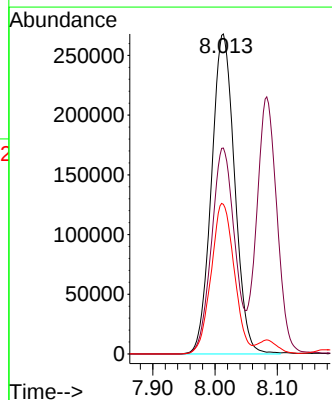
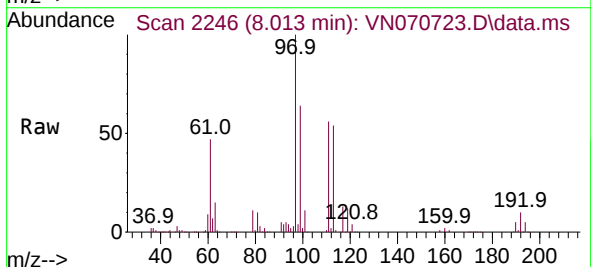
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

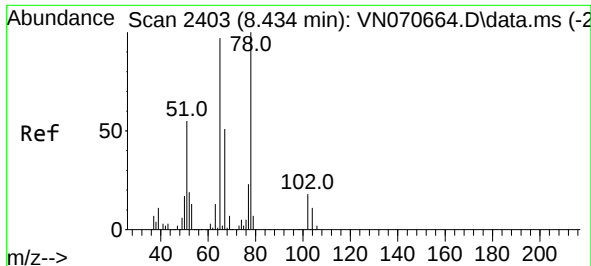
Tgt Ion: 56 Resp: 877505
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 75.3 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 46.762 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 97 Resp: 693233
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 47.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

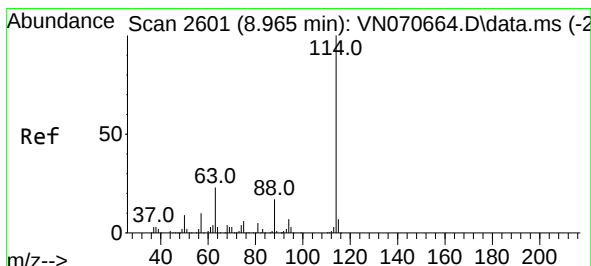
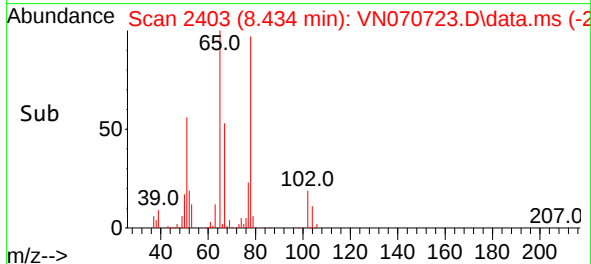
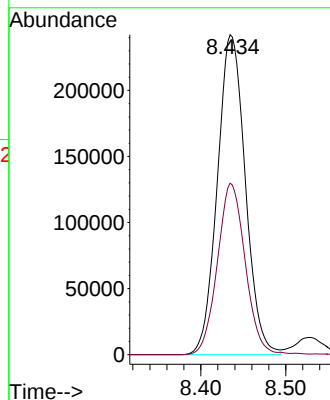
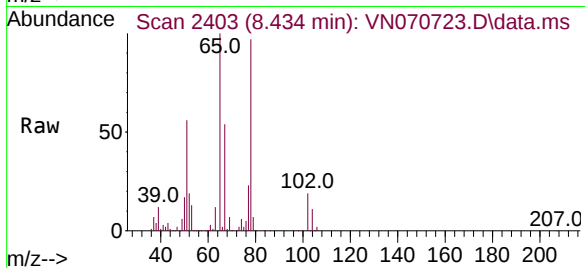
VSTDCCC050EC

Tgt Ion: 65 Resp: 554044

Ion Ratio Lower Upper

65 100

67 53.2 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: VN070723.D

Acq: 20 Jan 2022 16:58

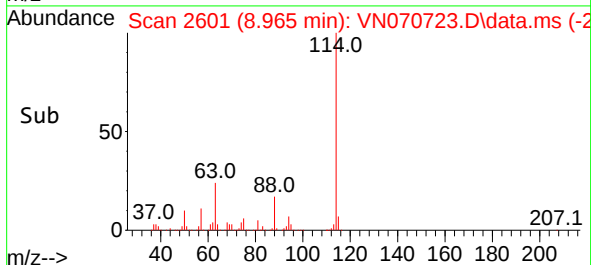
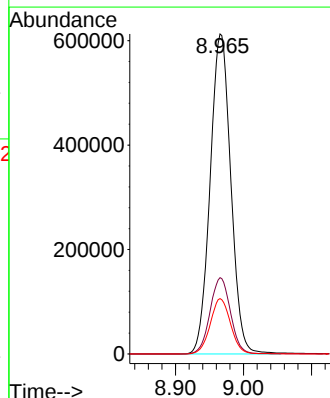
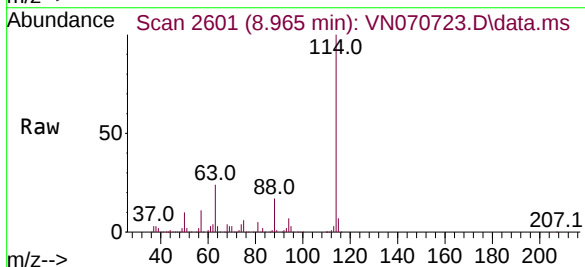
Tgt Ion: 114 Resp: 1293821

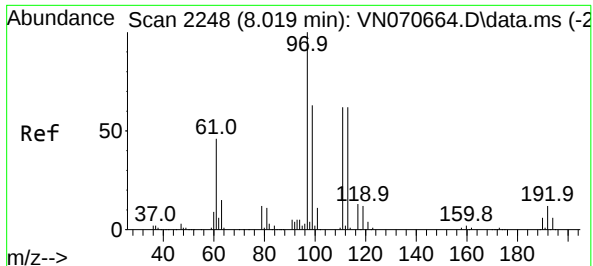
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 17.3 0.0 27.4

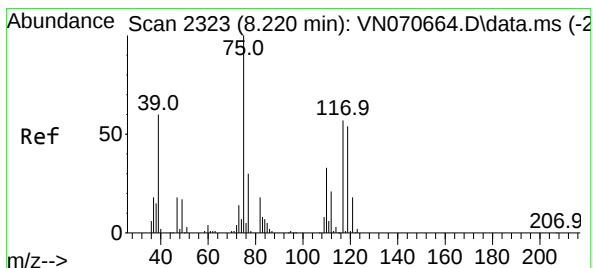
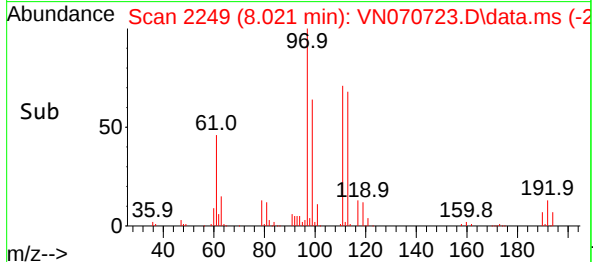
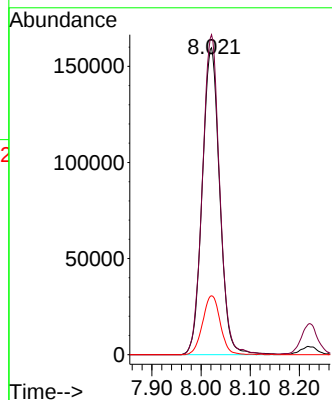
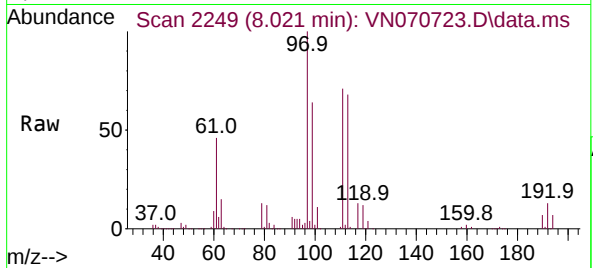




#35
Dibromofluoromethane
Concen: 49.063 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

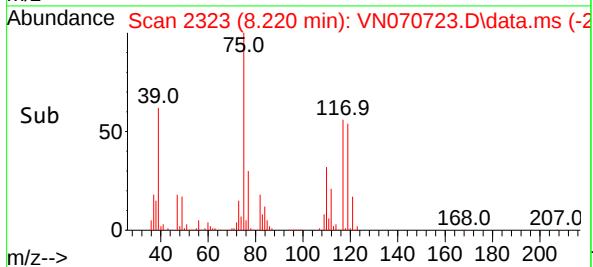
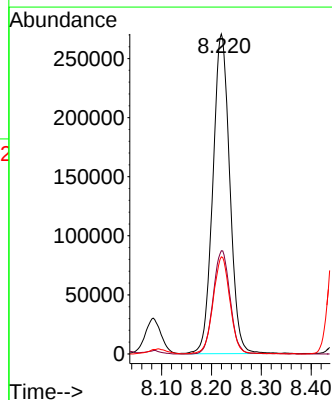
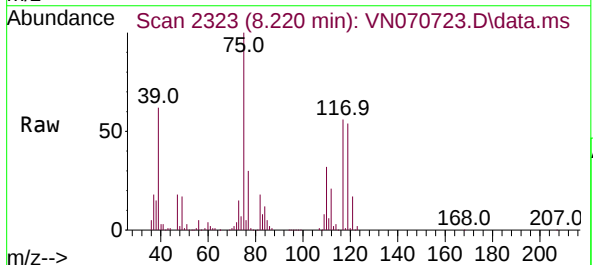
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

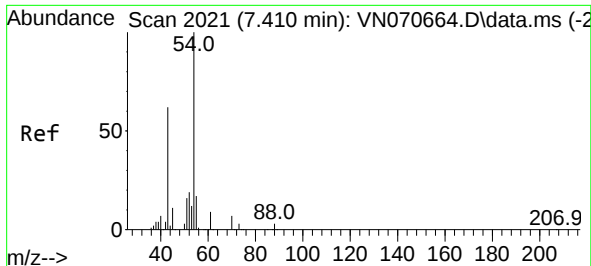
Tgt Ion:113 Resp: 393762
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.186 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 75 Resp: 637527
Ion Ratio Lower Upper
75 100
110 32.3 18.4 55.2
77 30.1 24.4 36.6

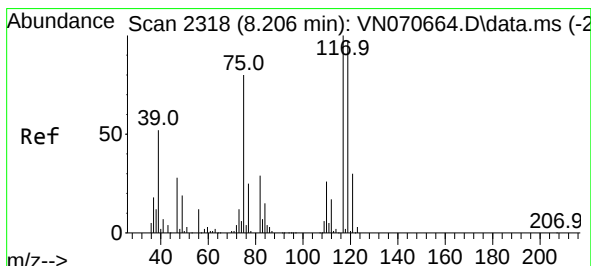
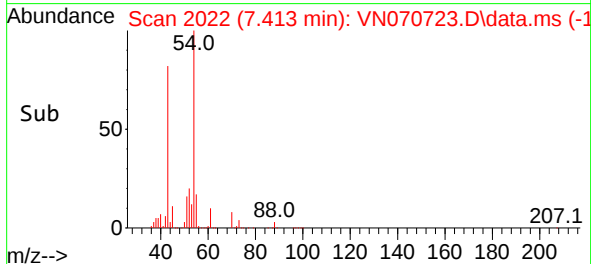
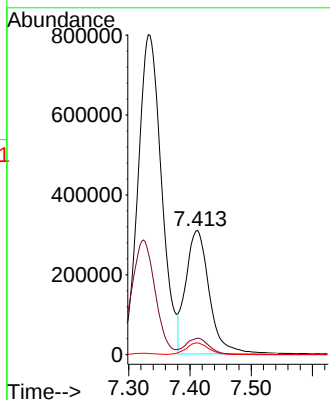
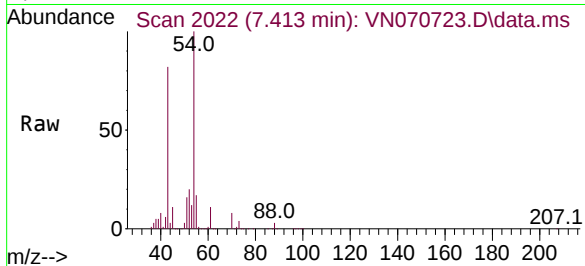




#37
Ethyl Acetate
Concen: 45.755 ug/l
RT: 7.413 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

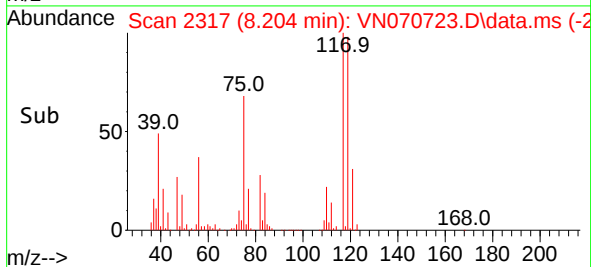
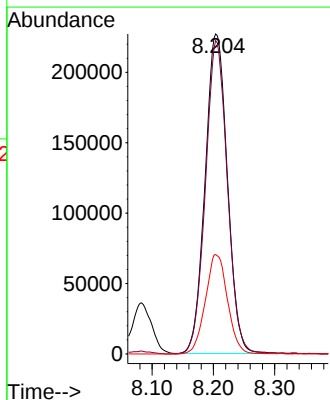
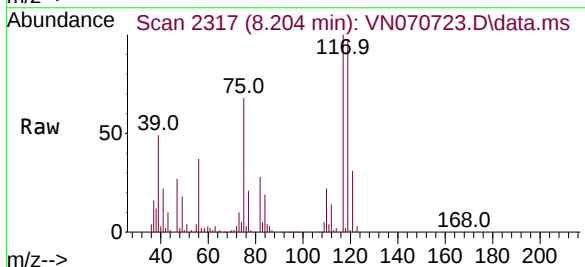
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 820727
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.744 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 117 Resp: 573859
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 47.925 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

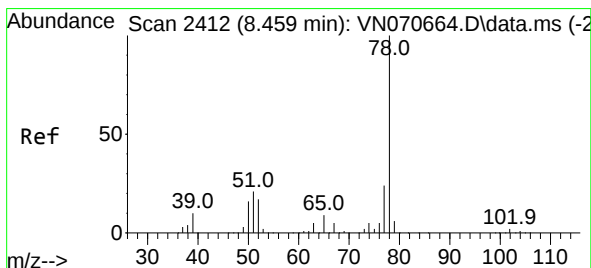
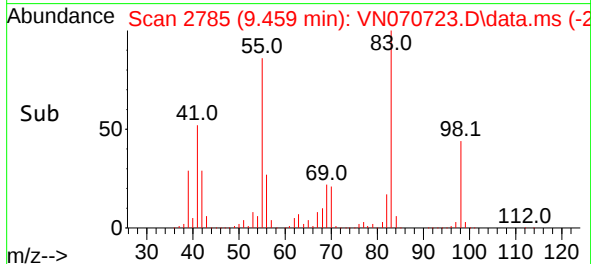
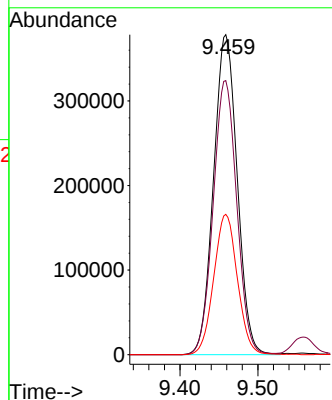
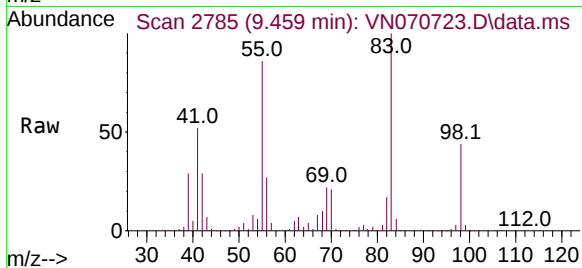
Tgt Ion: 83 Resp: 799372

Ion Ratio Lower Upper

83 100

55 85.7 58.1 87.1

98 43.8 38.4 57.6



#40

Benzene

Concen: 45.623 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN070723.D

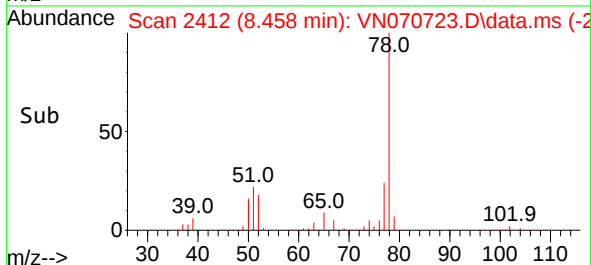
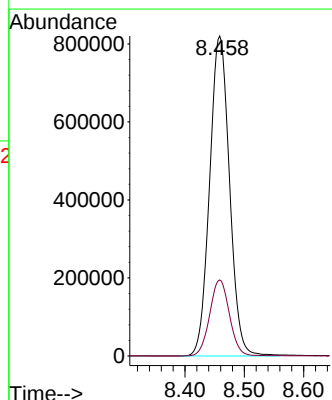
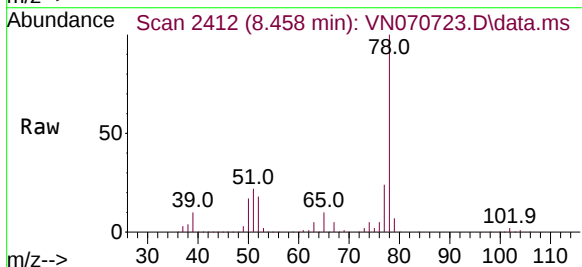
Acq: 20 Jan 2022 16:58

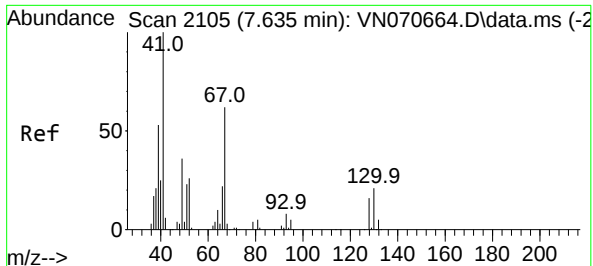
Tgt Ion: 78 Resp: 1909971

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8



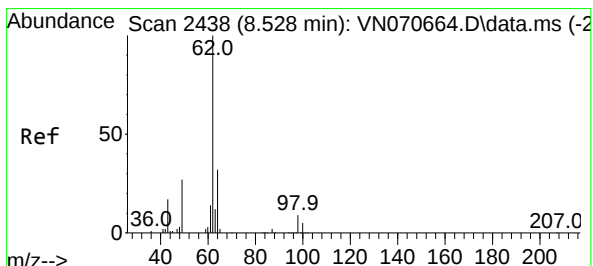
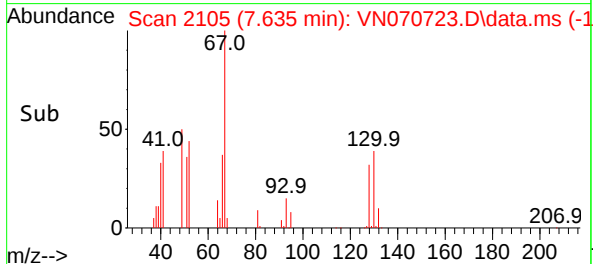
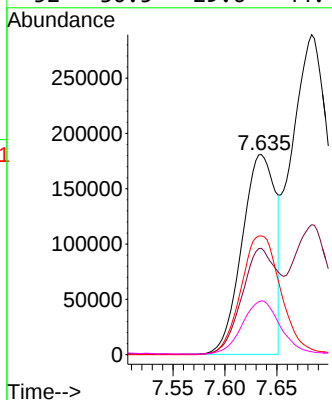
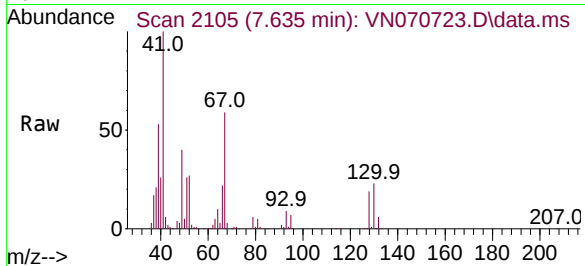


#41
Methacrylonitrile
Concen: 44.164 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 403029

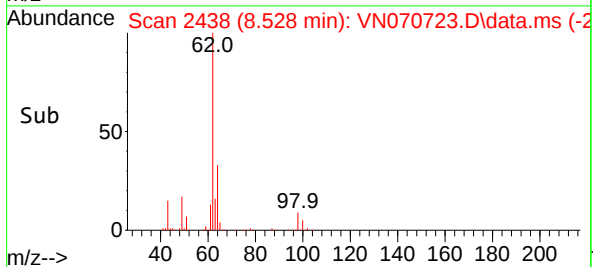
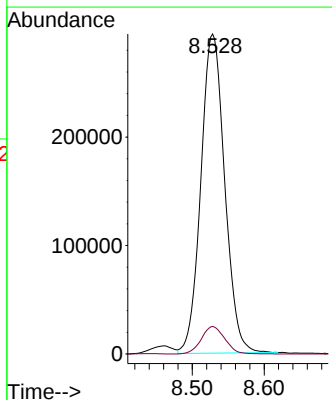
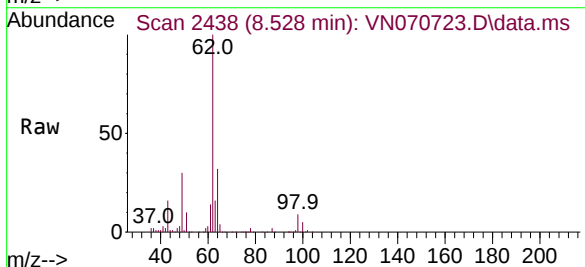
Ion	Ratio	Lower	Upper
41	100		
39	58.3	48.1	72.1
67	72.2	68.3	102.5
52	30.5	29.6	44.4



#42
1,2-Dichloroethane
Concen: 46.773 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 62 Resp: 678968

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6

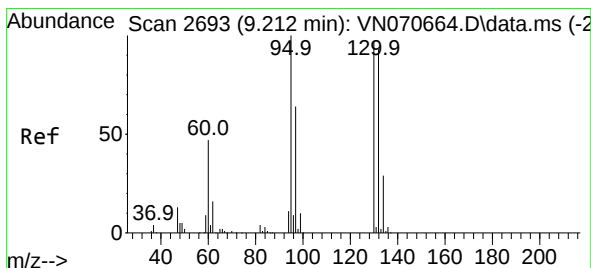
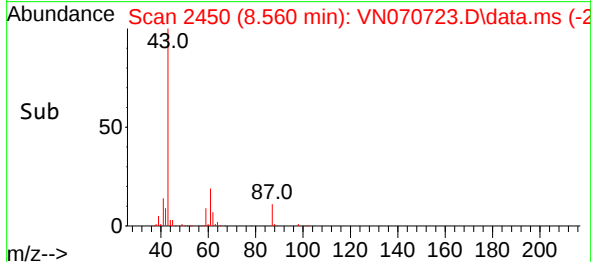
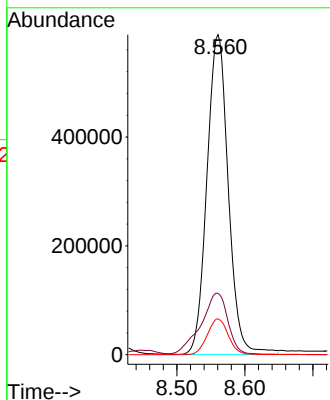
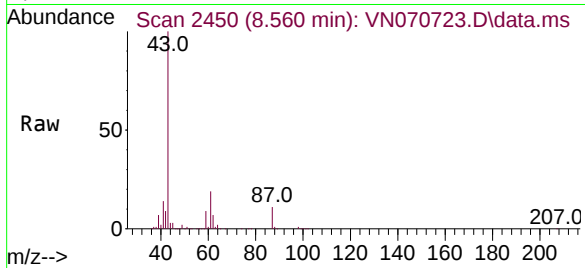




#43
Isopropyl Acetate
Concen: 46.849 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

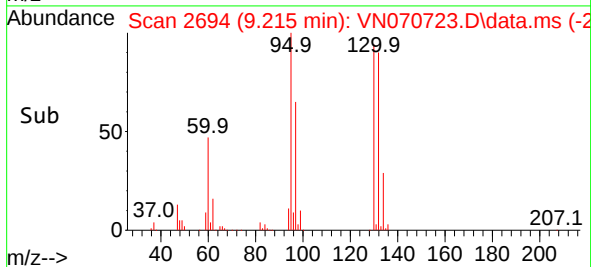
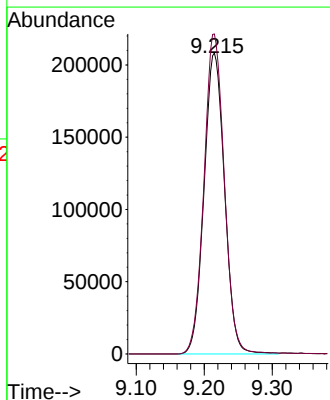
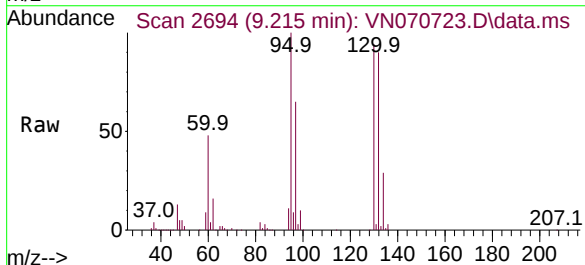
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1283541
Ion Ratio Lower Upper
43 100
61 24.3 20.4 30.6
87 11.0 11.2 16.8#



#44
Trichloroethene
Concen: 45.975 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:130 Resp: 436337
Ion Ratio Lower Upper
130 100
95 106.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.411 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

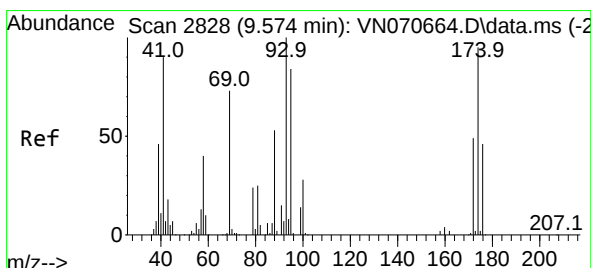
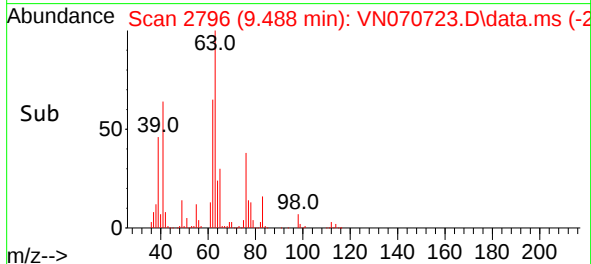
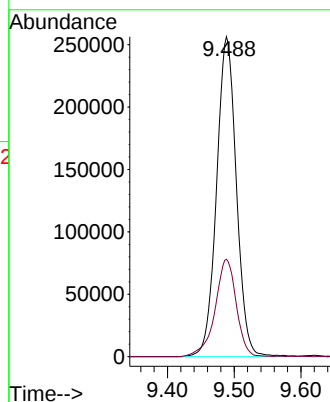
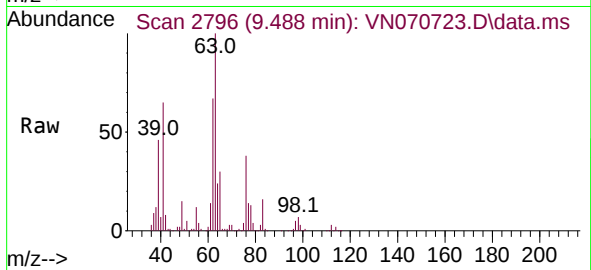
VSTDCCC050EC

Tgt Ion: 63 Resp: 528638

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 47.111 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

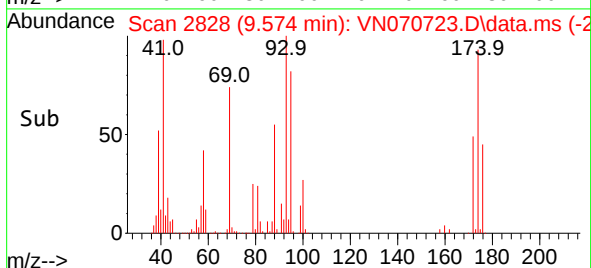
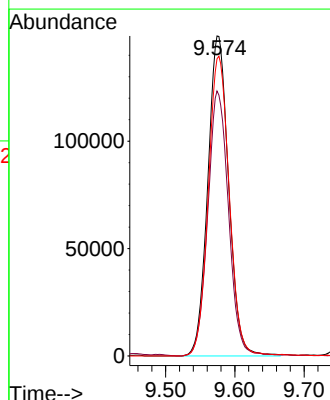
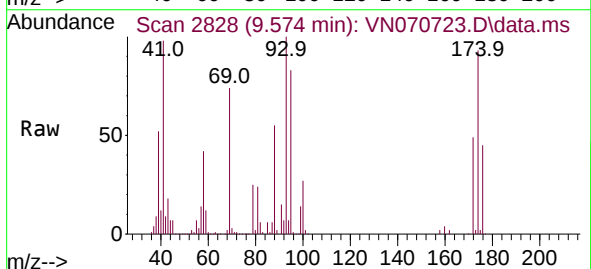
Tgt Ion: 93 Resp: 312019

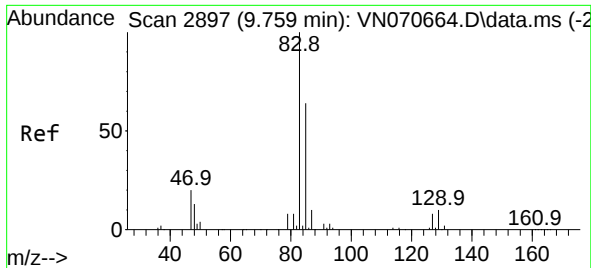
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 94.2 84.6 127.0

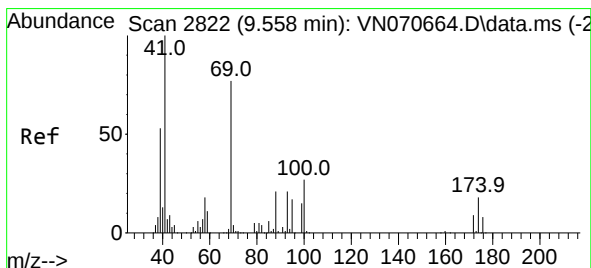
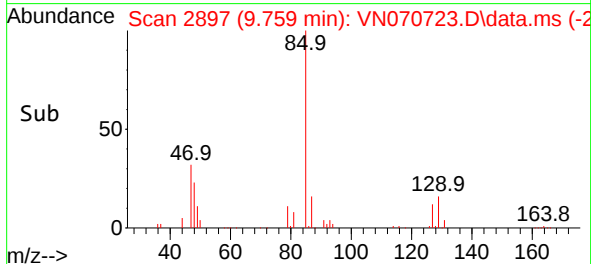
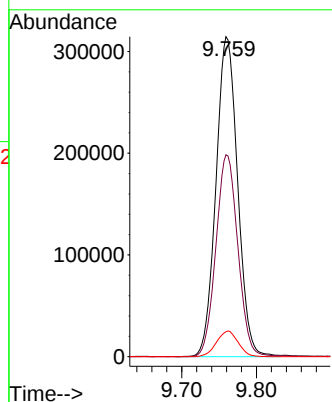
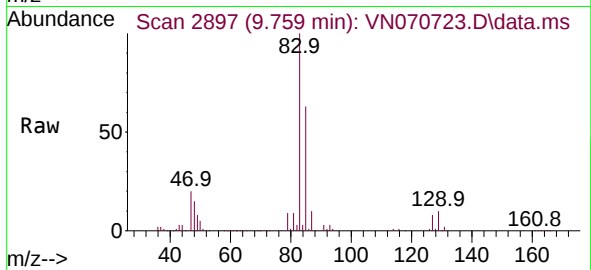




#47
Bromodichloromethane
Concen: 46.790 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

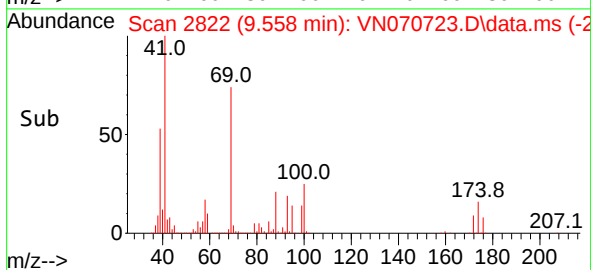
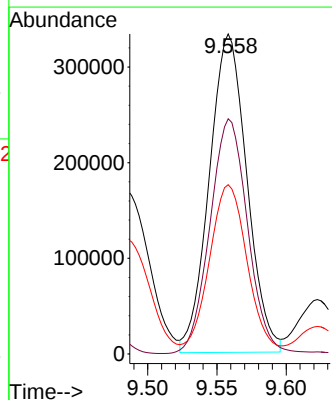
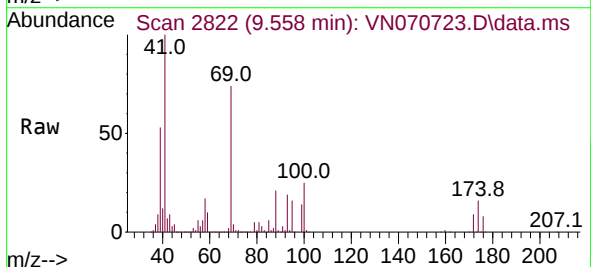
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 633462
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 48.190 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 41 Resp: 628979
Ion Ratio Lower Upper
41 100
69 74.5 72.4 108.6
39 53.5 58.4 87.6#

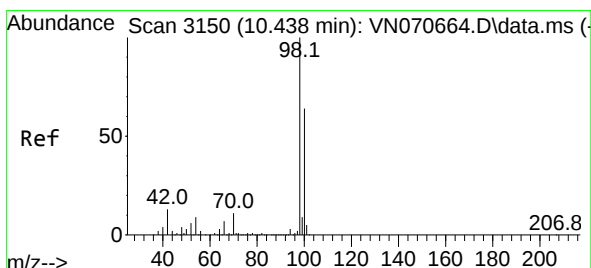
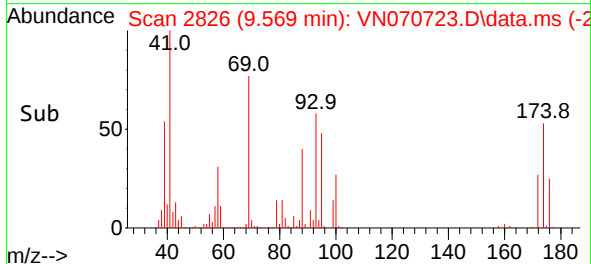
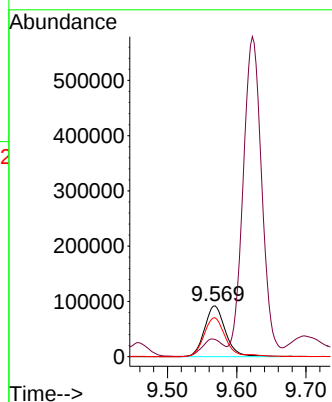
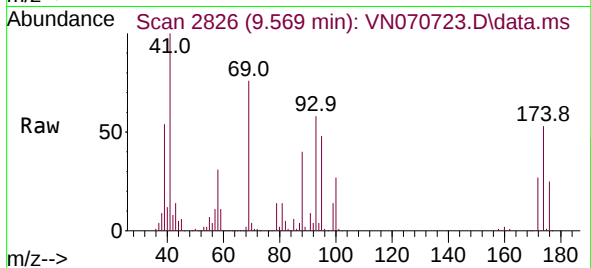




#49
1,4-Dioxane
Concen: 985.785 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

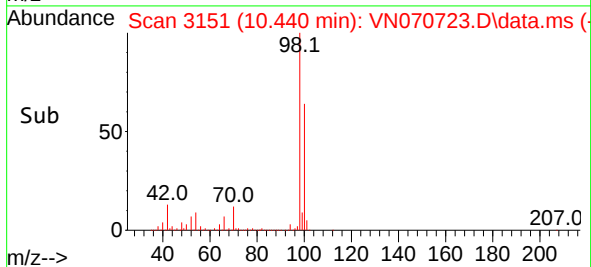
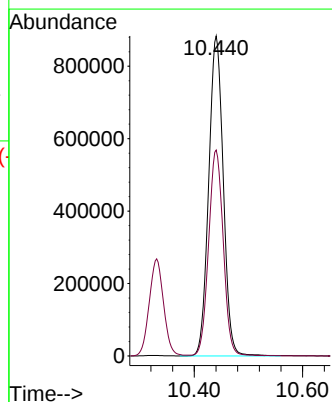
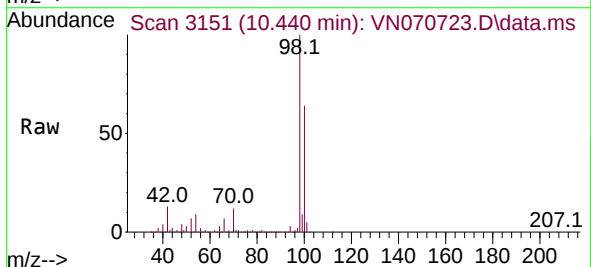
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

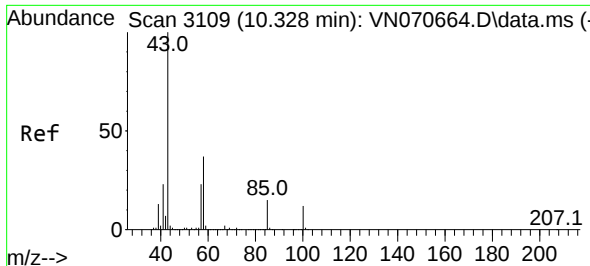
Tgt Ion: 88 Resp: 193269
Ion Ratio Lower Upper
88 100
43 33.1 23.4 35.2
58 76.3 50.6 75.8#



#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 98 Resp: 1649123
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

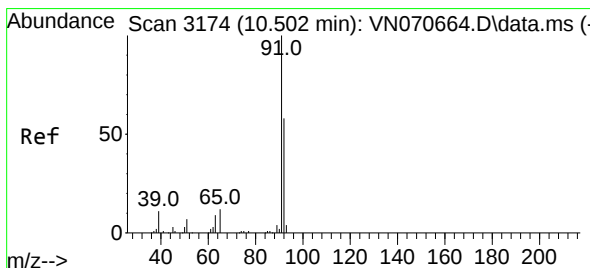
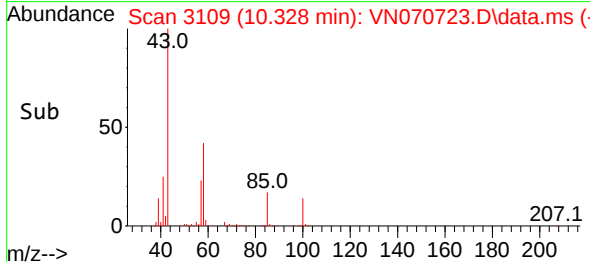
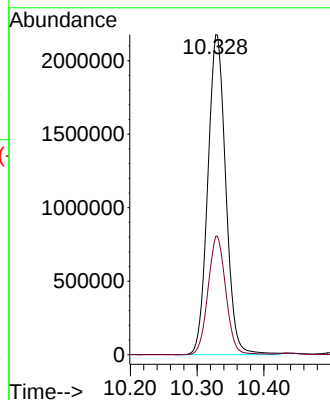
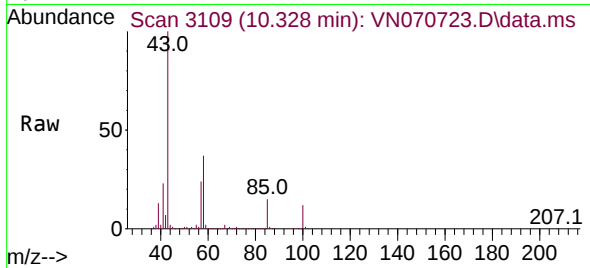




#51
4-Methyl-2-Pentanone
Concen: 232.844 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

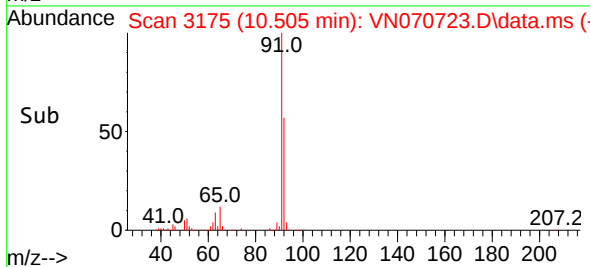
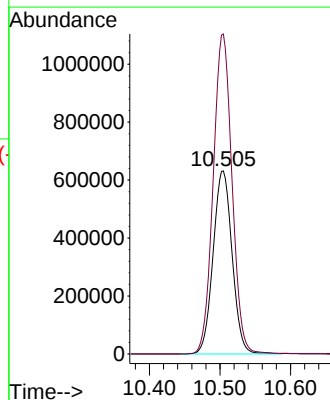
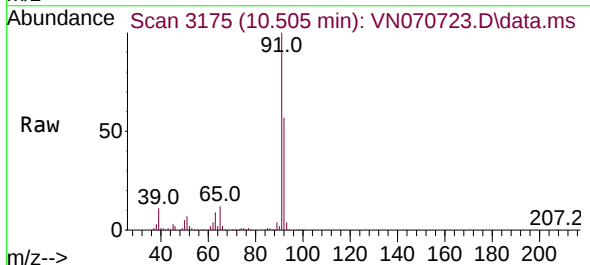
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

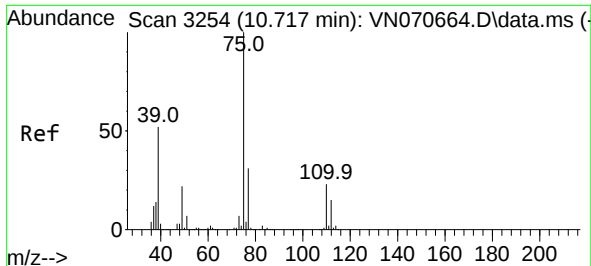
Tgt Ion: 43 Resp: 4070631
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6



#52
Toluene
Concen: 47.135 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 92 Resp: 1180350
Ion Ratio Lower Upper
92 100
91 173.9 142.0 213.0

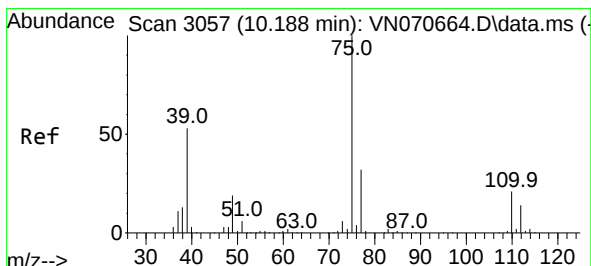
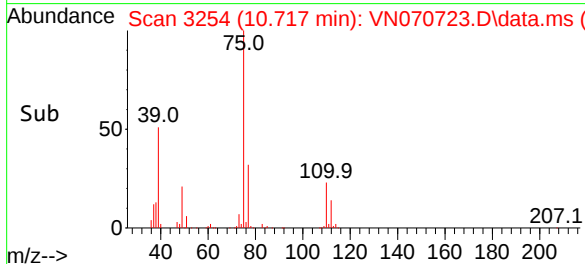
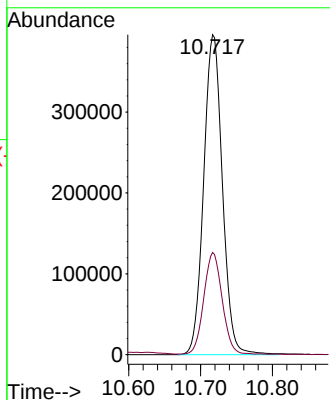
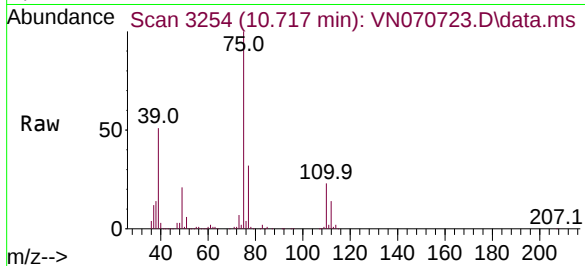




#53
t-1,3-Dichloropropene
Concen: 43.987 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

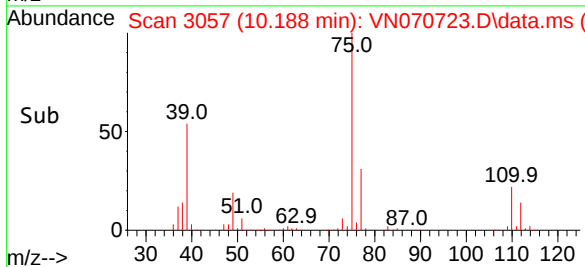
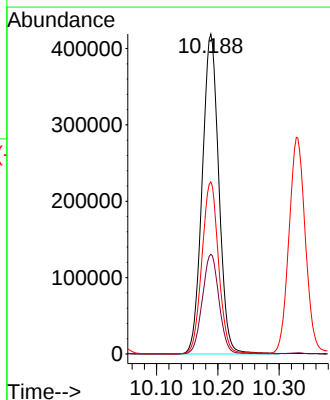
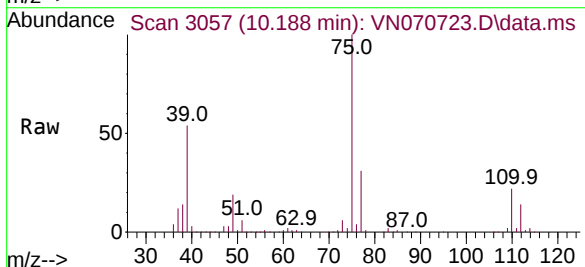
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

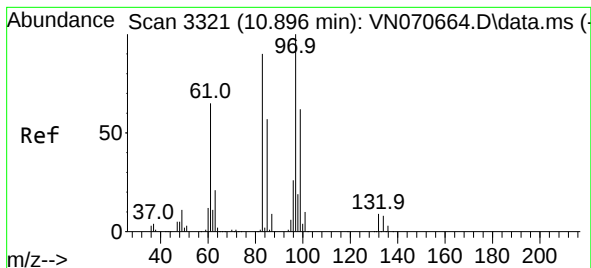
Tgt Ion: 75 Resp: 717173
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 48.682 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 75 Resp: 790406
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 53.7 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 45.949 ug/l

RT: 10.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 452036

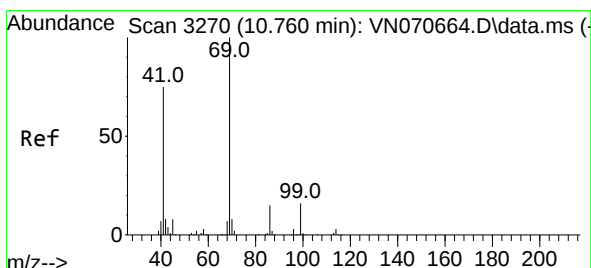
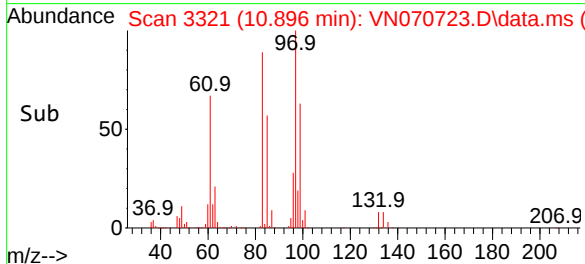
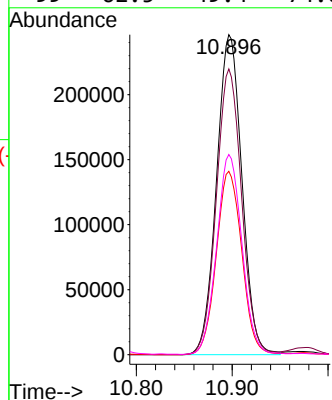
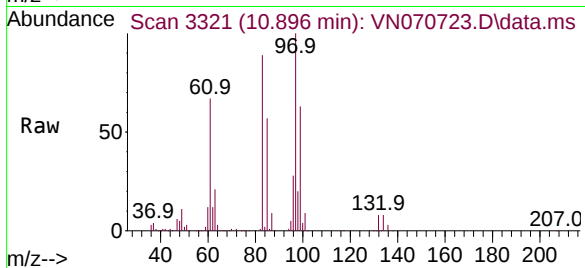
Ion Ratio Lower Upper

97 100

83 89.3 67.8 101.6

85 57.3 45.4 68.2

99 62.5 49.4 74.0



#56

Ethyl methacrylate

Concen: 43.333 ug/l

RT: 10.760 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

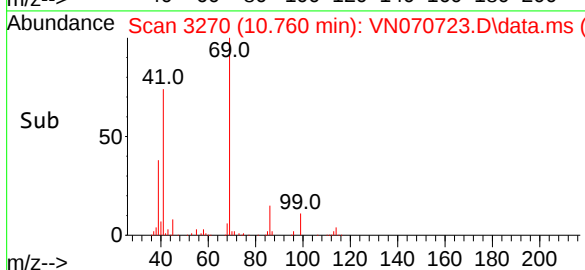
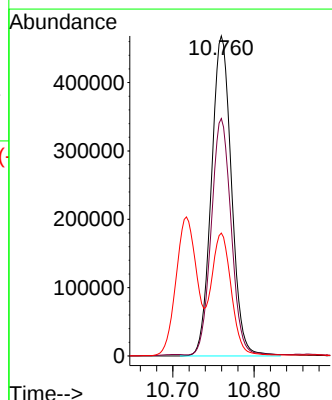
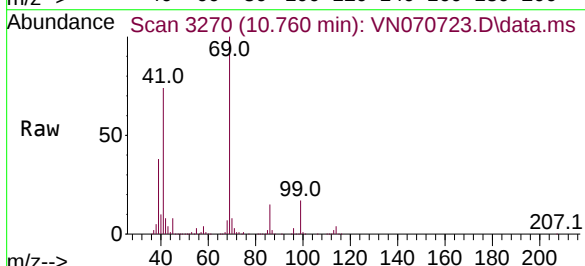
Tgt Ion: 69 Resp: 804735

Ion Ratio Lower Upper

69 100

41 72.9 51.4 77.0

39 36.5 34.6 52.0

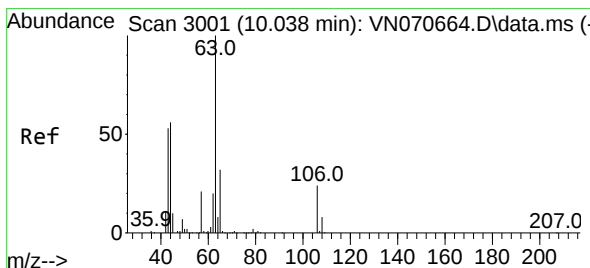
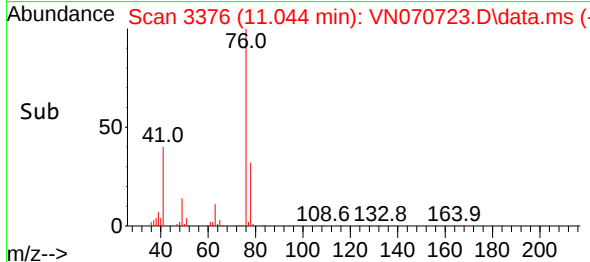
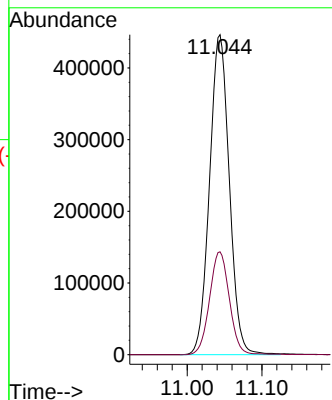
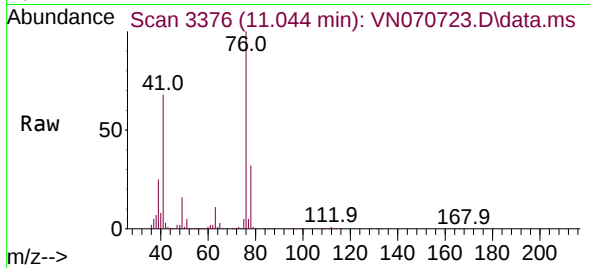




#57
1,3-Dichloropropane
Concen: 47.035 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

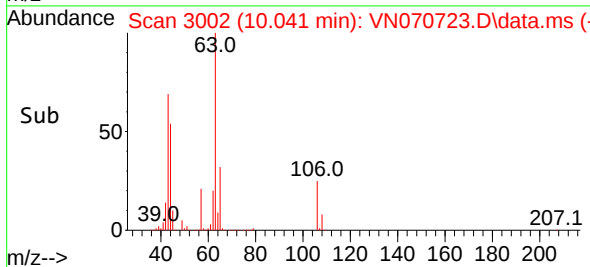
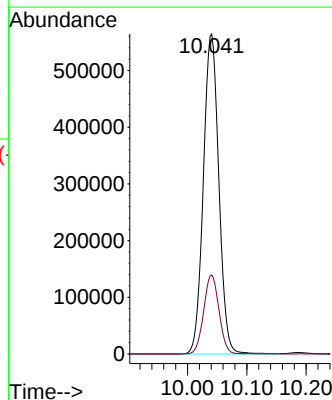
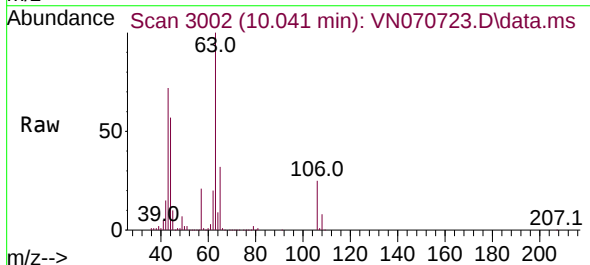
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

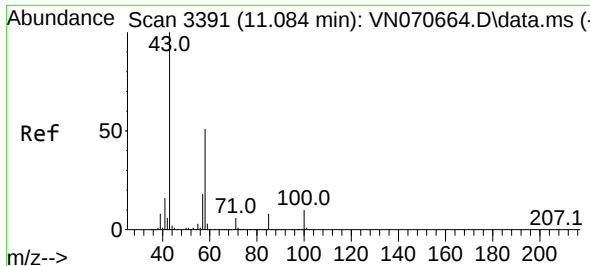
Tgt Ion: 76 Resp: 819144
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 218.148 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 63 Resp: 1021375
Ion Ratio Lower Upper
63 100
106 24.4 23.9 35.9

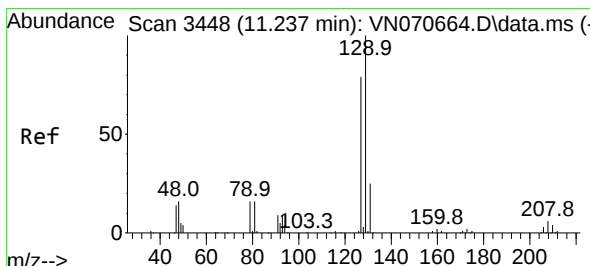
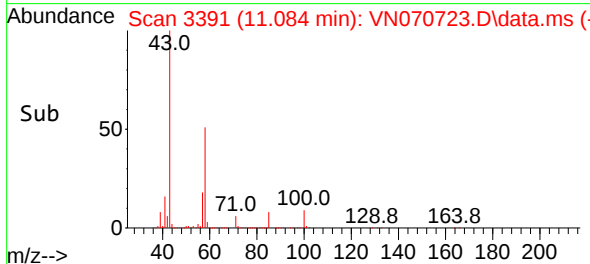
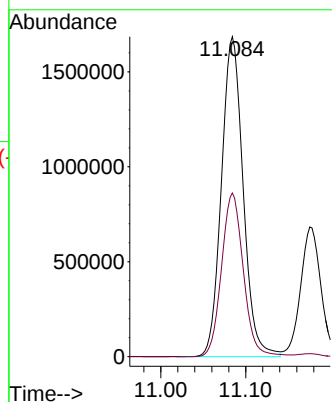
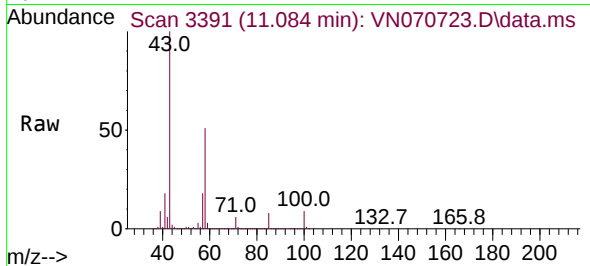




#59
2-Hexanone
Concen: 235.320 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

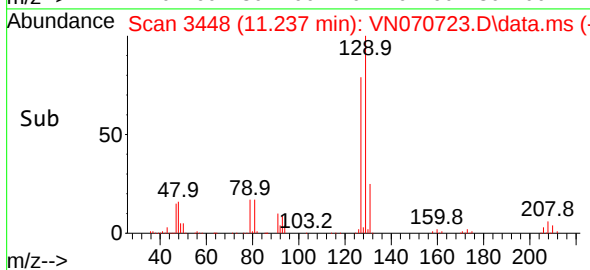
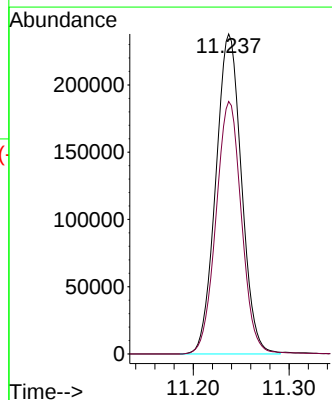
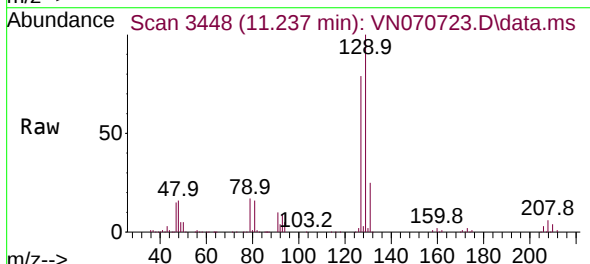
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

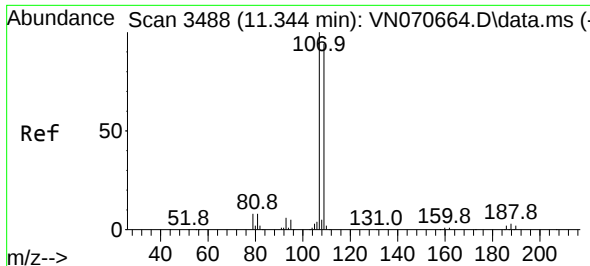
Tgt Ion: 43 Resp: 2988575
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7



#60
Dibromochloromethane
Concen: 48.239 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:129 Resp: 442658
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

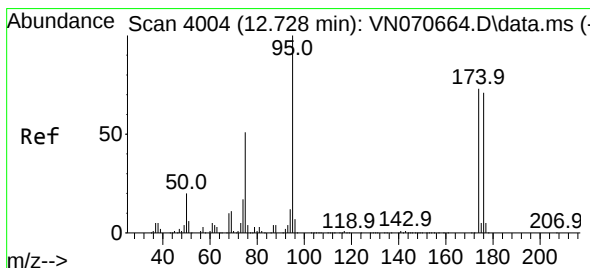
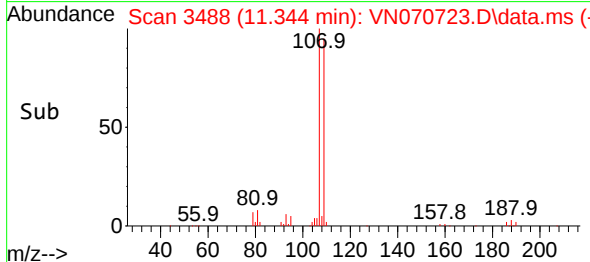
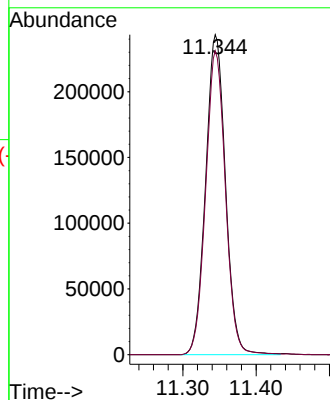
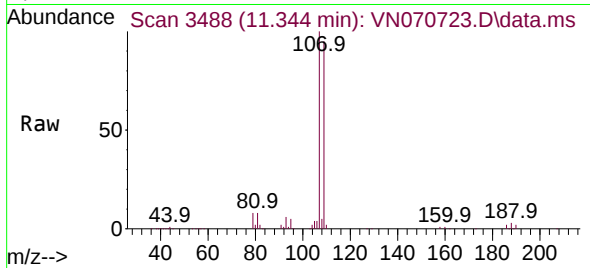




#61
1,2-Dibromoethane
Concen: 46.394 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

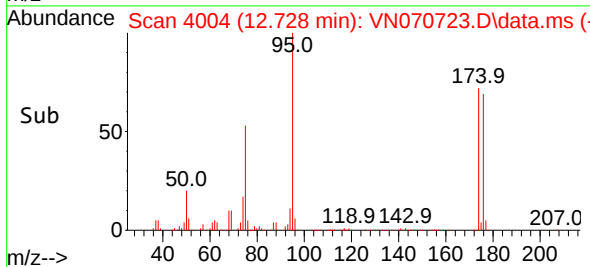
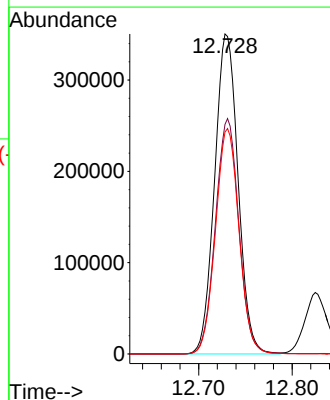
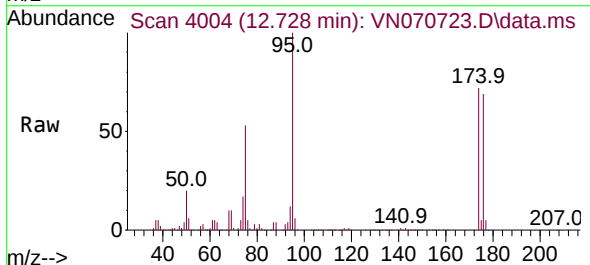
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

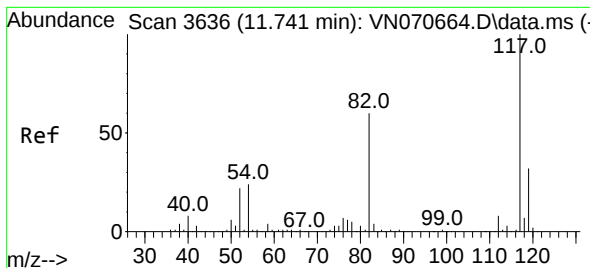
Tgt Ion:107 Resp: 458241
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 95 Resp: 611348
Ion Ratio Lower Upper
95 100
174 73.6 0.0 187.2
176 70.8 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: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

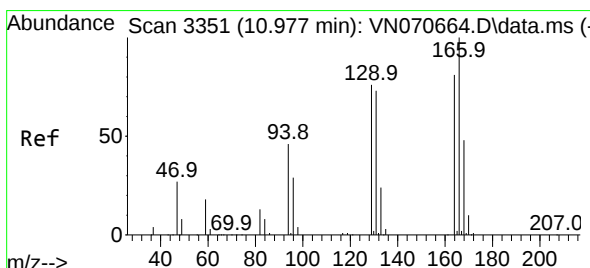
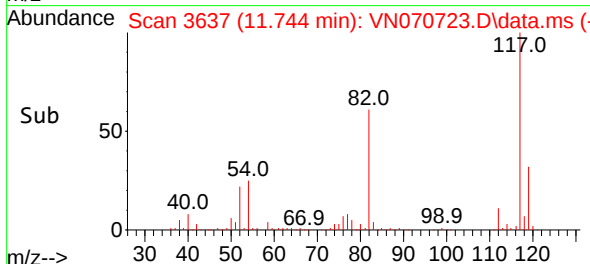
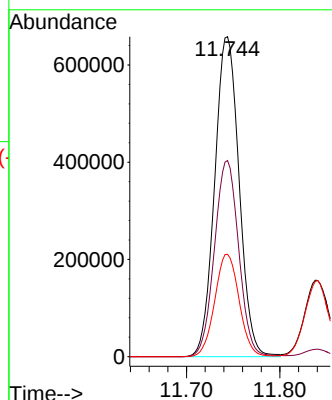
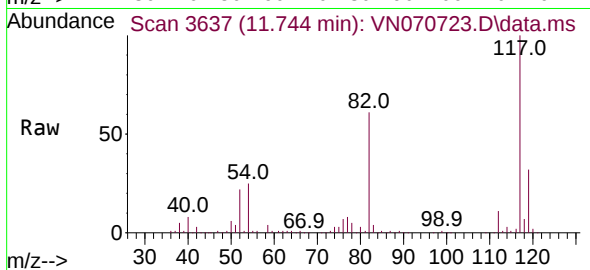
Tgt Ion:117 Resp: 1197091

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 43.671 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Tgt Ion:164 Resp: 383306

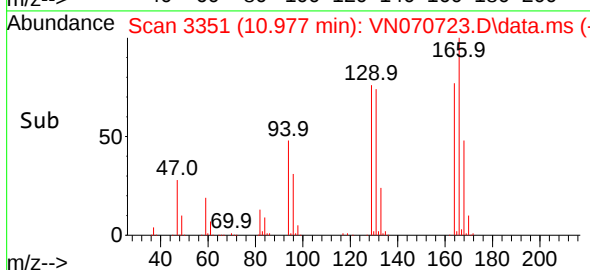
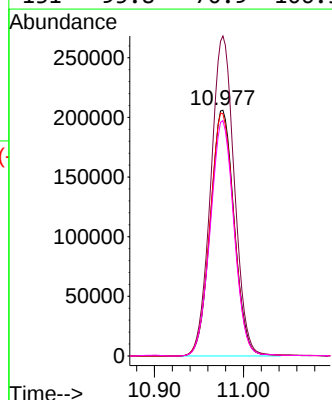
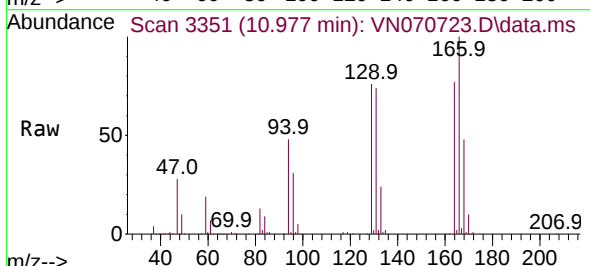
Ion Ratio Lower Upper

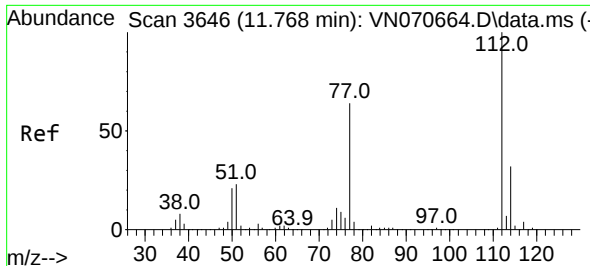
164 100

166 130.2 101.9 152.9

129 98.5 72.0 108.0

131 95.8 70.9 106.3

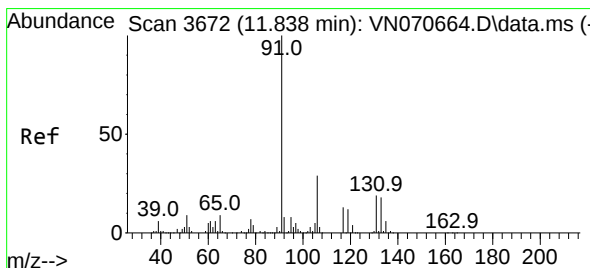
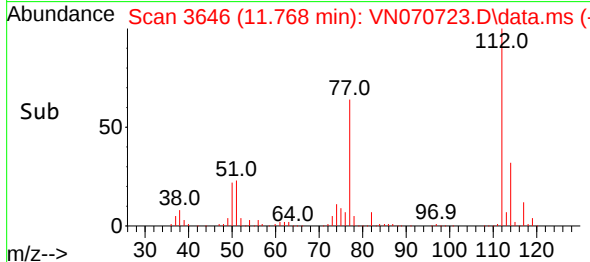
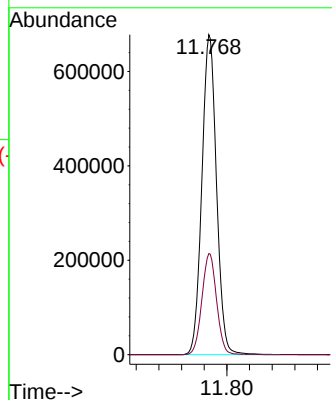
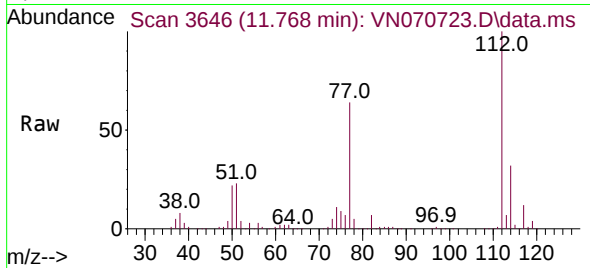




#65
Chlorobenzene
Concen: 46.721 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

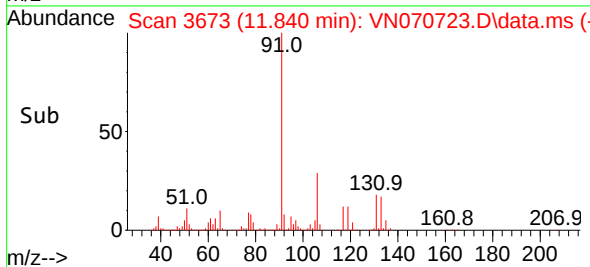
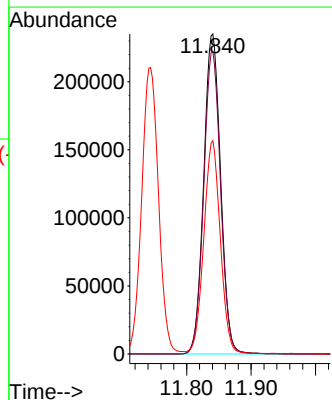
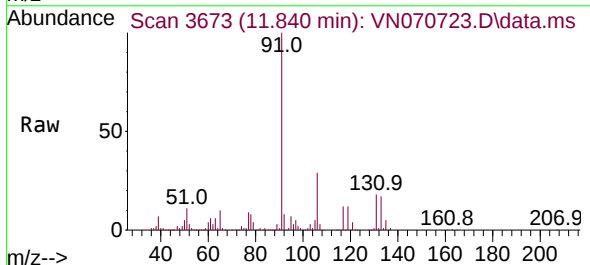
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

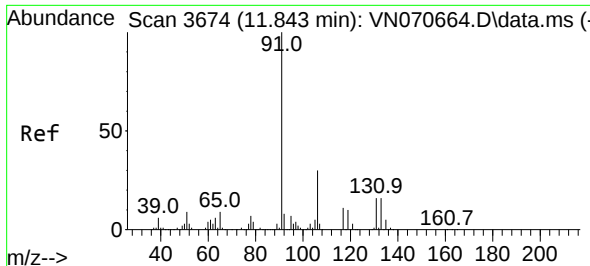
Tgt Ion:112 Resp: 1211774
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.992 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:131 Resp: 428634
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 65.2 32.1 96.5

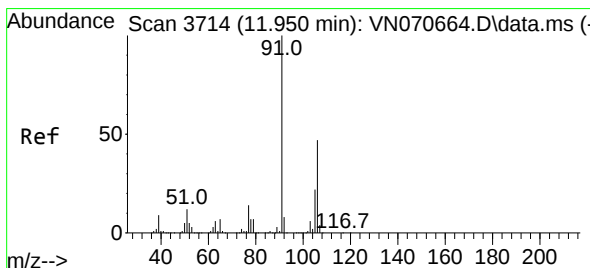
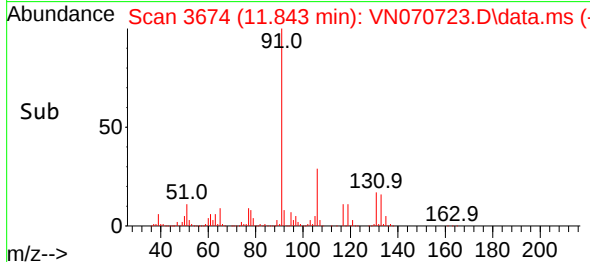
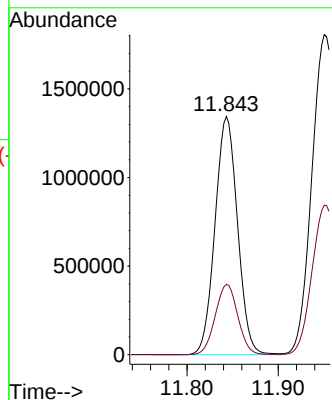
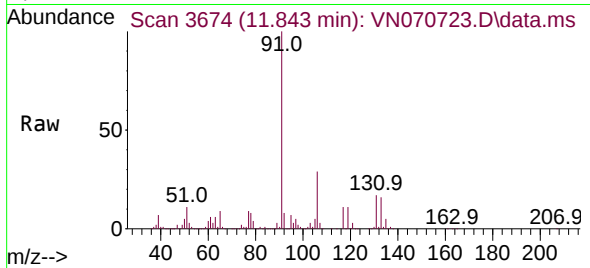




#67
Ethyl Benzene
Concen: 47.892 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

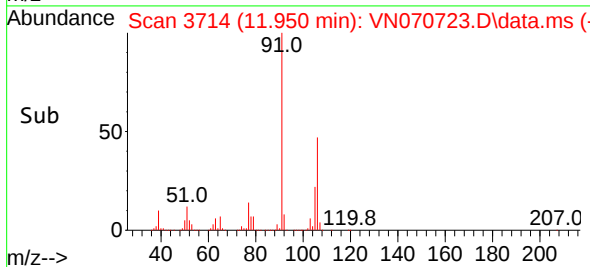
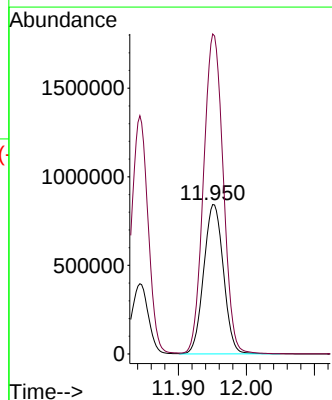
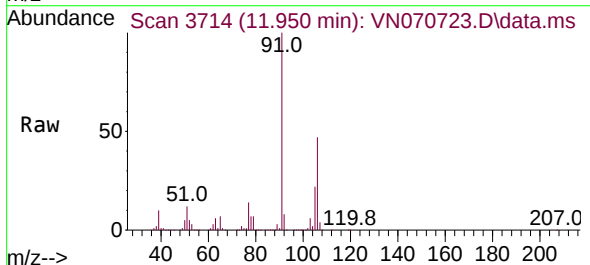
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2302958
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5



#68
m/p-Xylenes
Concen: 97.052 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:106 Resp: 1697758
Ion Ratio Lower Upper
106 100
91 214.0 160.6 240.8

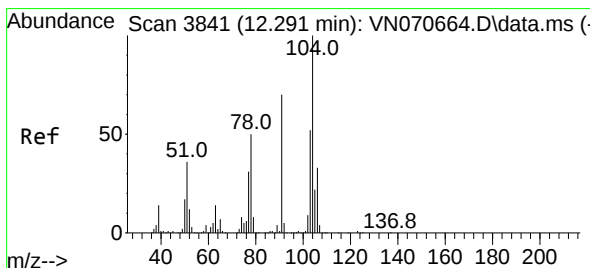
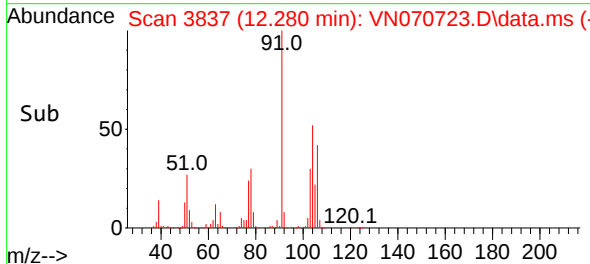
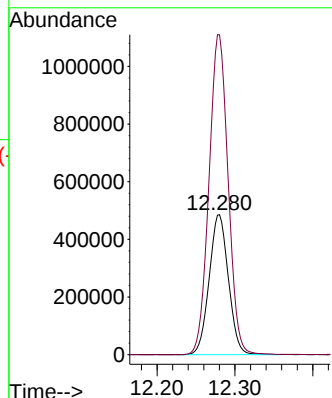
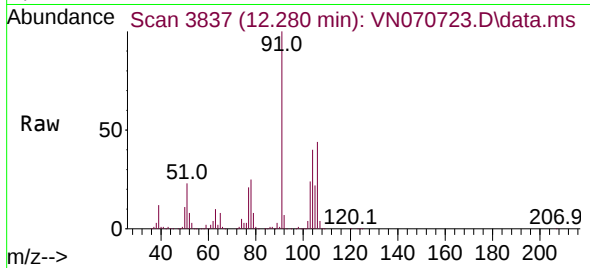




#69
o-Xylene
Concen: 47.985 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

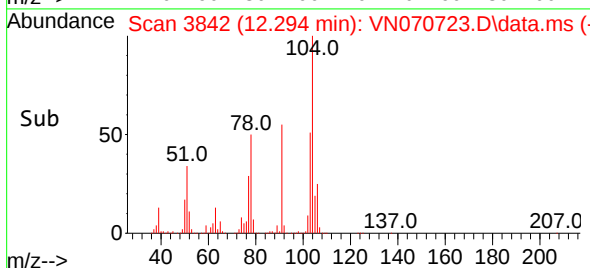
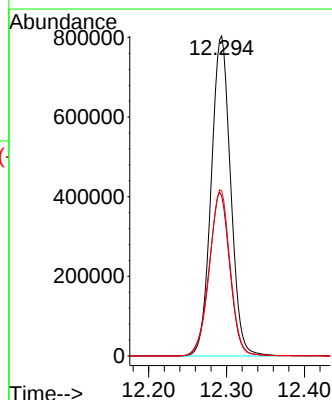
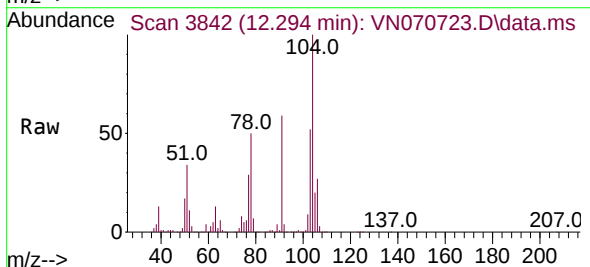
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

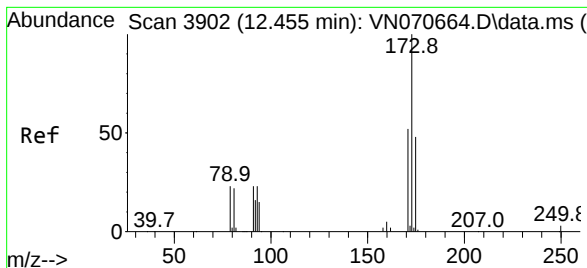
Tgt Ion:106 Resp: 833023
Ion Ratio Lower Upper
106 100
91 227.8 105.8 317.3



#70
Styrene
Concen: 50.173 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:104 Resp: 1393415
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.3 45.0 67.6





#71

Bromoform

Concen: 47.959 ug/l

RT: 12.457 min Scan# 3903

Delta R.T. 0.002 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

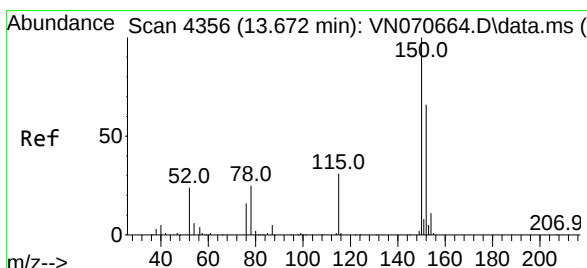
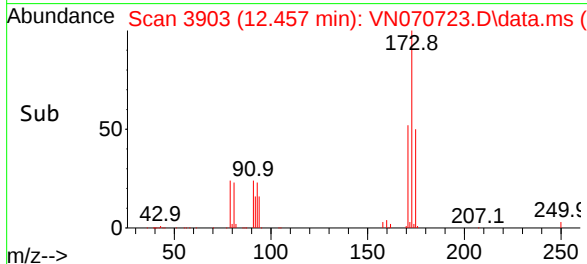
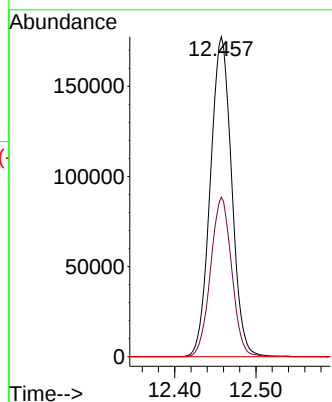
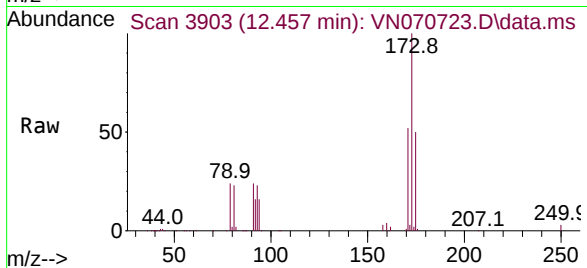
Tgt Ion:173 Resp: 323550

Ion Ratio Lower Upper

173 100

175 49.3 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: VN070723.D

Acq: 20 Jan 2022 16:58

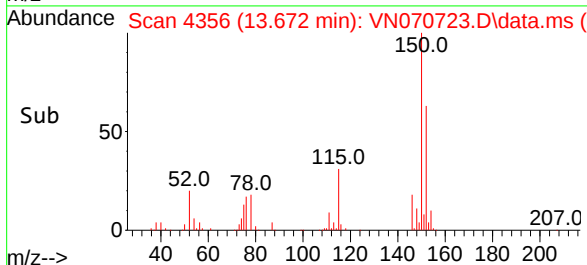
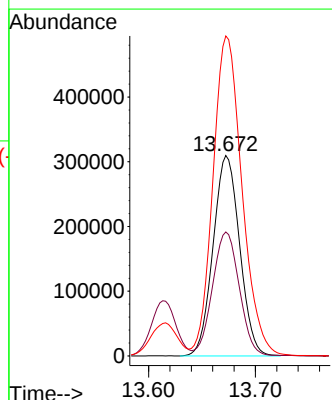
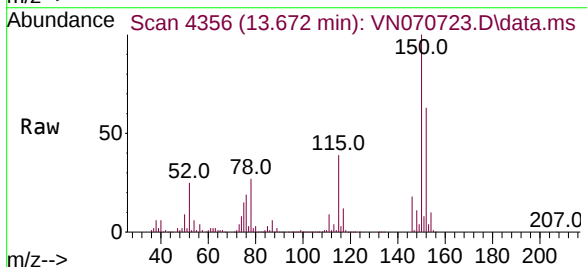
Tgt Ion:152 Resp: 534534

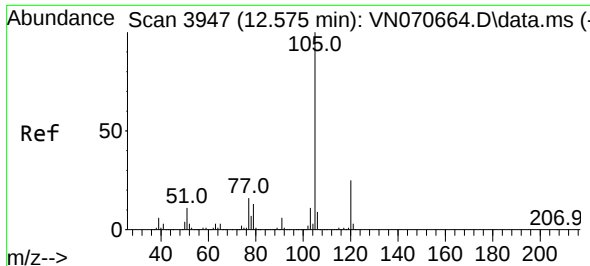
Ion Ratio Lower Upper

152 100

115 62.6 27.5 82.5

150 175.1 0.0 344.4

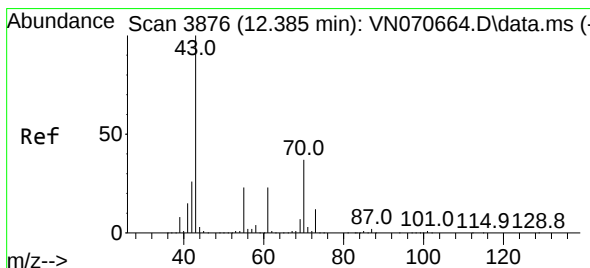
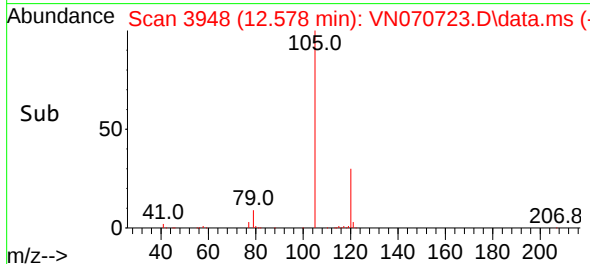
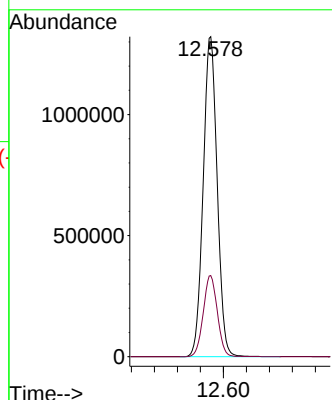
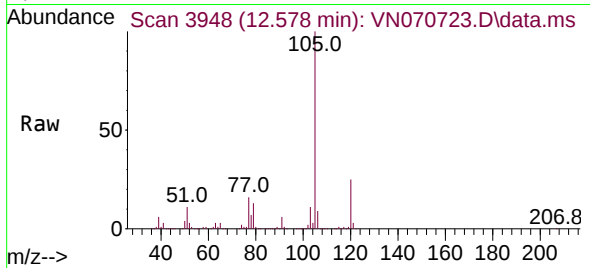




#73
Isopropylbenzene
Concen: 44.083 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

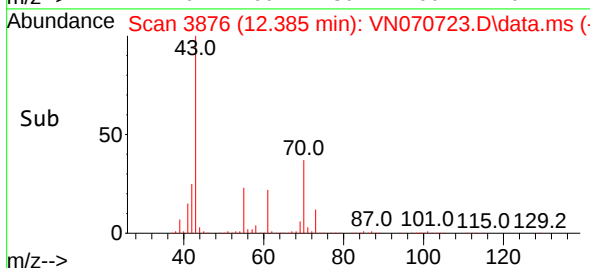
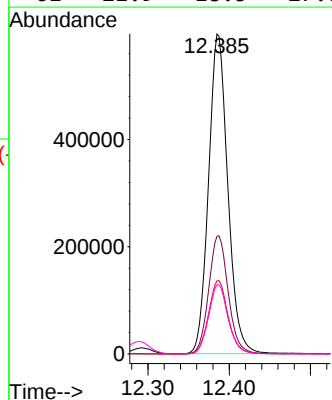
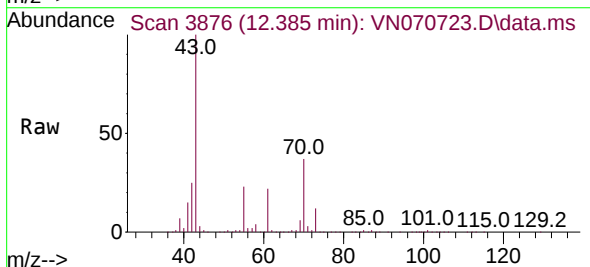
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

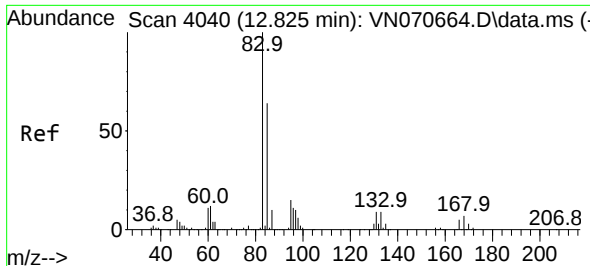
Tgt Ion:105 Resp: 2229254
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 47.435 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 43 Resp: 980774
Ion Ratio Lower Upper
43 100
70 37.5 33.4 50.0
55 23.4 19.3 28.9
61 21.9 18.5 27.7

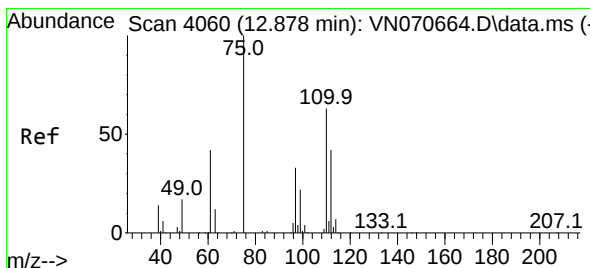
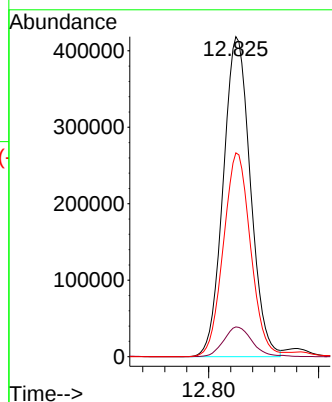
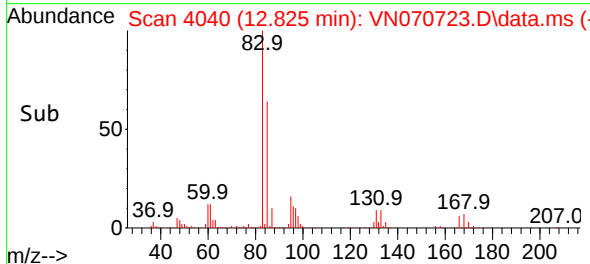
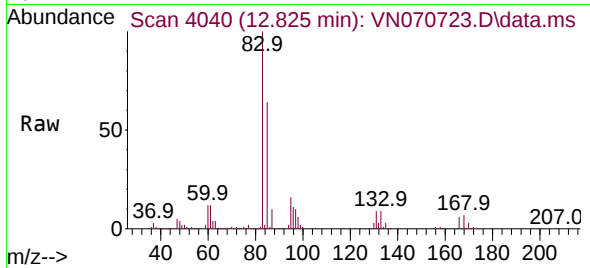




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.074 ug/l
 RT: 12.825 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

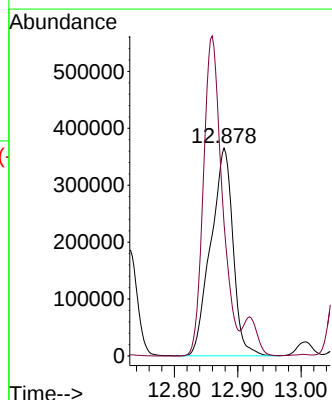
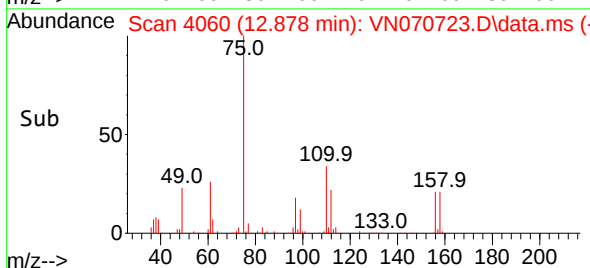
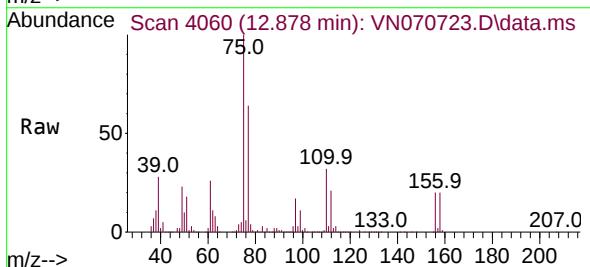
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

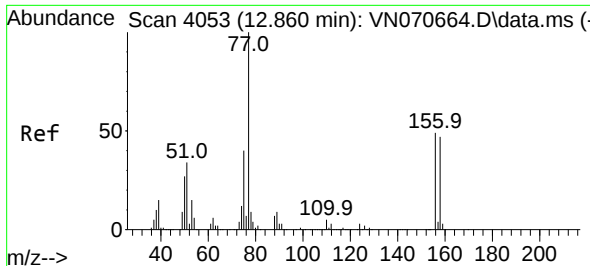
Tgt Ion: 83 Resp: 718558
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 63.9 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 62.819 ug/l
 RT: 12.878 min Scan# 4060
 Delta R.T. 0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

Tgt Ion: 75 Resp: 890601
 Ion Ratio Lower Upper
 75 100
 77 130.3 82.6 247.8

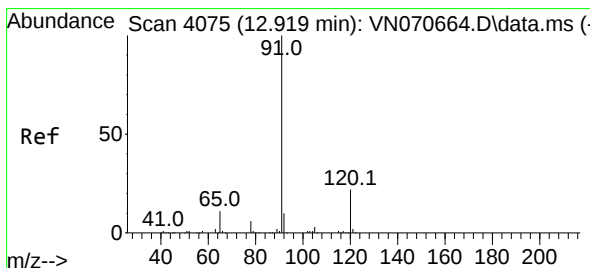
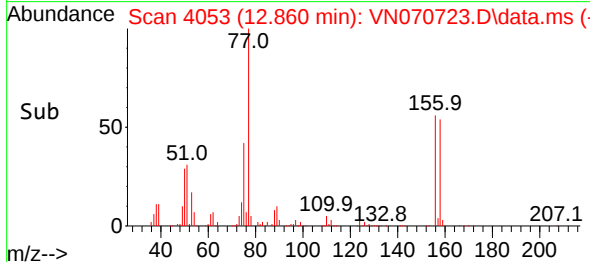
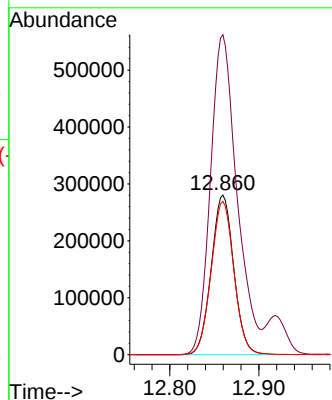
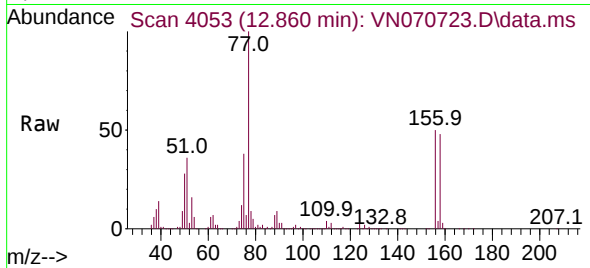




#77
Bromobenzene
Concen: 43.525 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

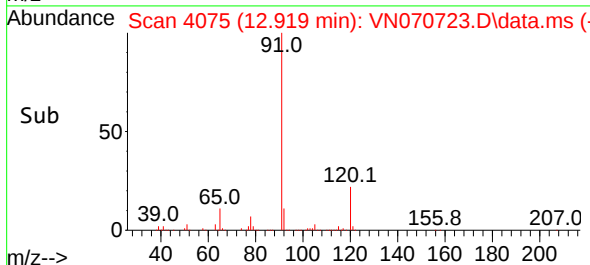
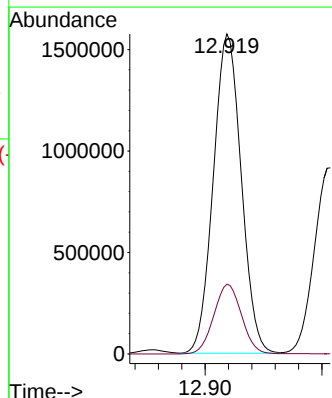
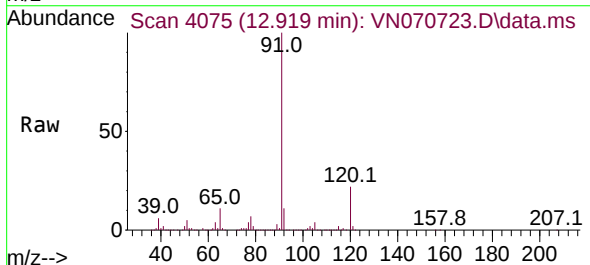
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

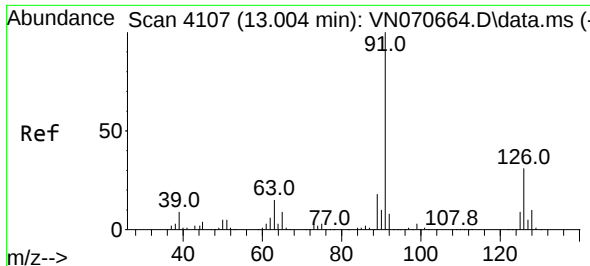
Tgt Ion:156 Resp: 493495
Ion Ratio Lower Upper
156 100
77 235.1 90.6 271.8
158 97.1 48.9 146.7



#78
n-propylbenzene
Concen: 46.135 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 91 Resp: 2609124
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 44.251 ug/l

RT: 13.007 min Scan# 4107

Delta R.T. 0.003 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

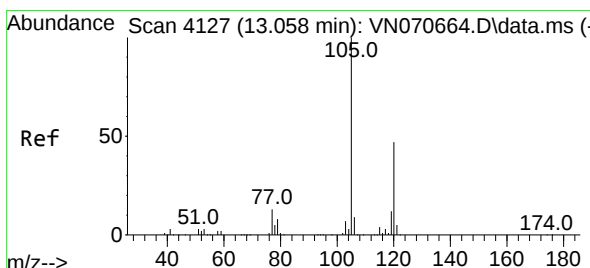
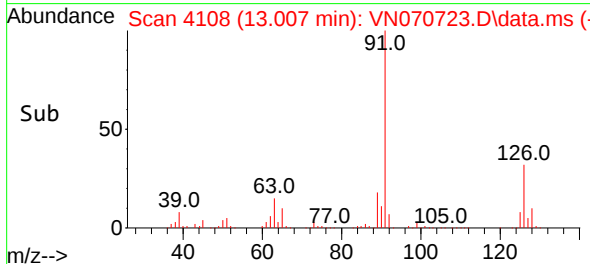
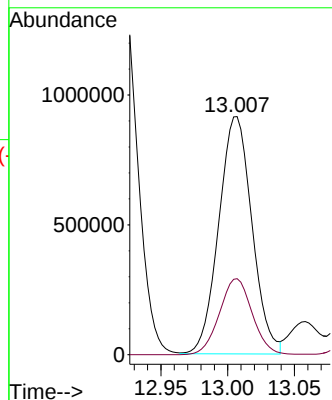
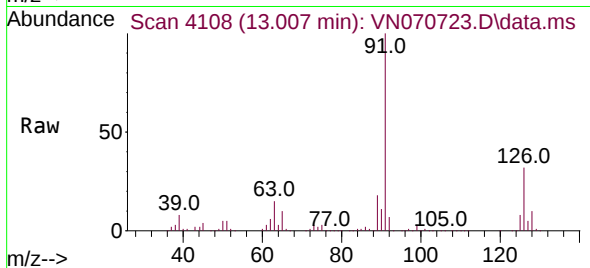
VSTDCCC050EC

Tgt Ion: 91 Resp: 1583085

Ion Ratio Lower Upper

91 100

126 31.7 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 45.597 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070723.D

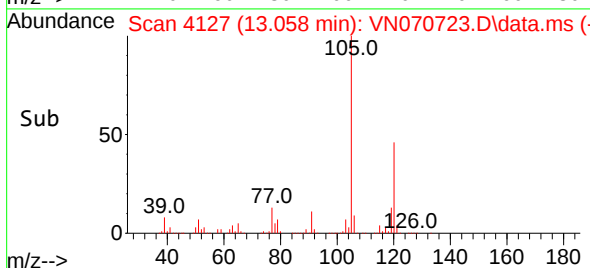
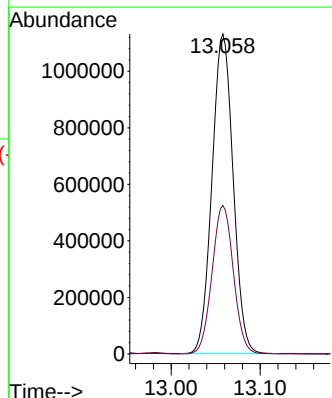
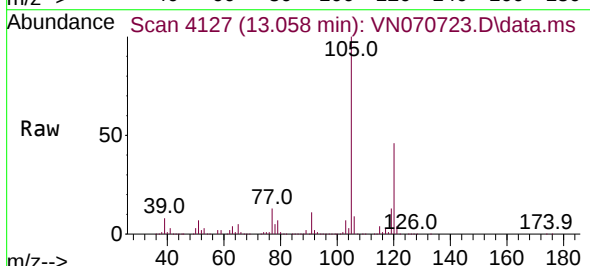
Acq: 20 Jan 2022 16:58

Tgt Ion: 105 Resp: 1864672

Ion Ratio Lower Upper

105 100

120 46.7 24.6 73.6

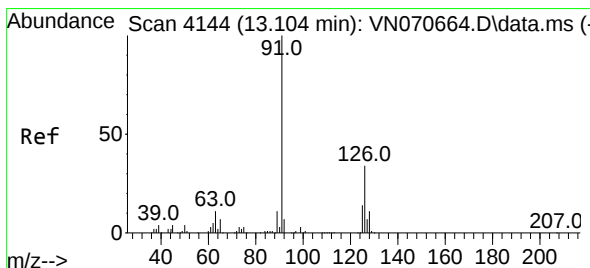
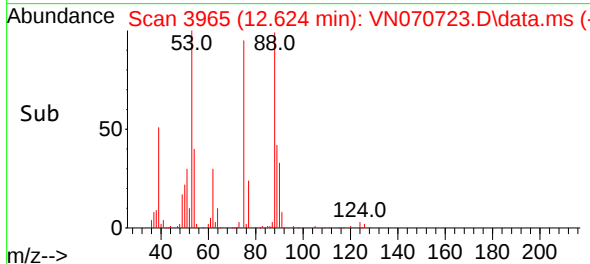
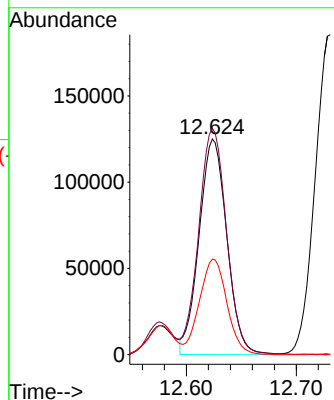
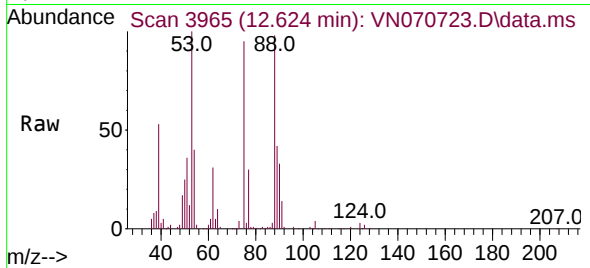




#81
trans-1,4-Dichloro-2-butene
Concen: 45.865 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

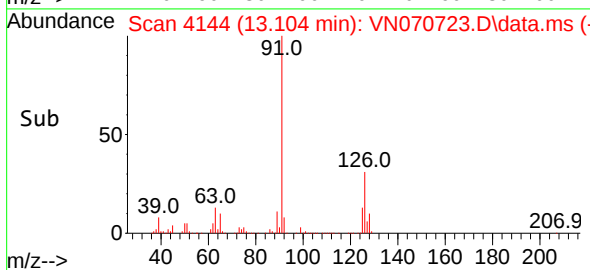
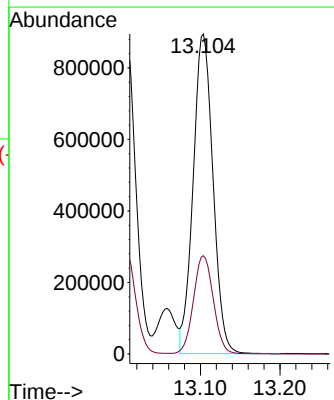
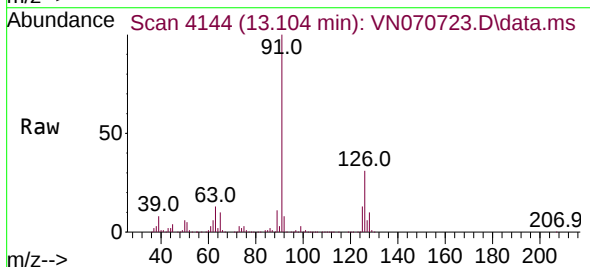
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

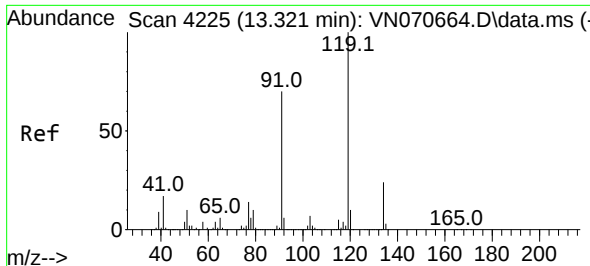
Tgt Ion: 75 Resp: 218262
Ion Ratio Lower Upper
75 100
53 105.8 90.5 135.7
89 44.1 38.2 57.4



#82
4-Chlorotoluene
Concen: 46.280 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 91 Resp: 1546944
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6

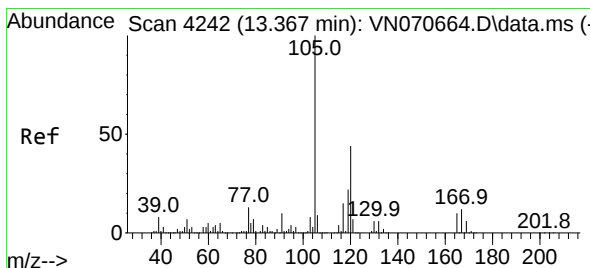
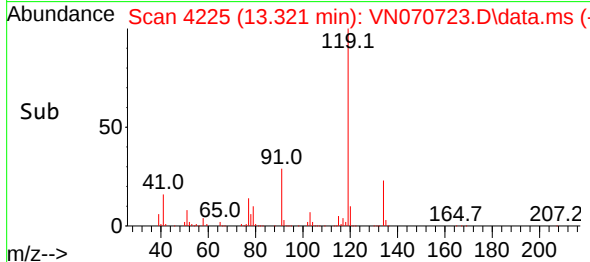
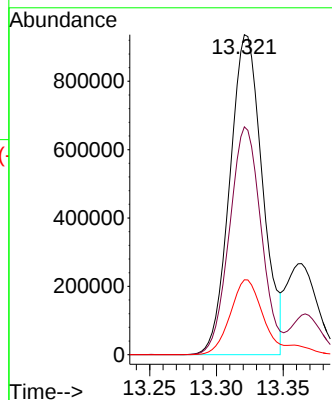
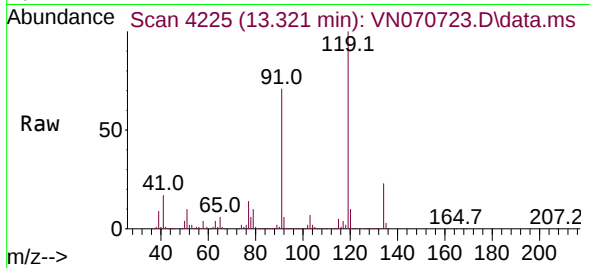




#83
 tert-Butylbenzene
 Concen: 44.797 ug/l
 RT: 13.321 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

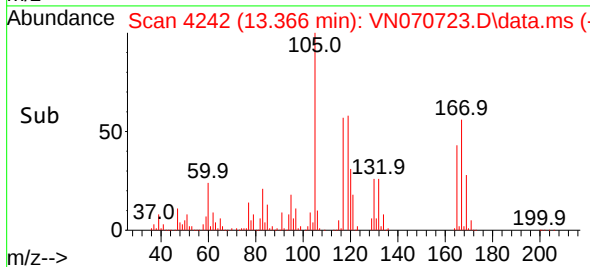
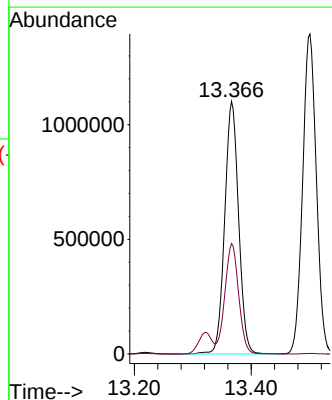
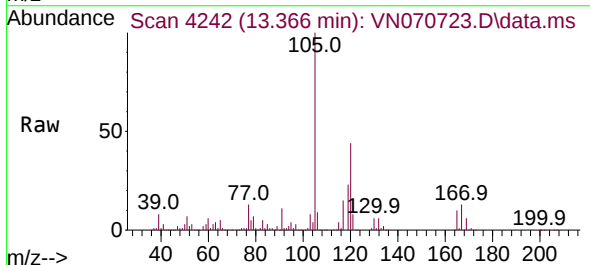
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

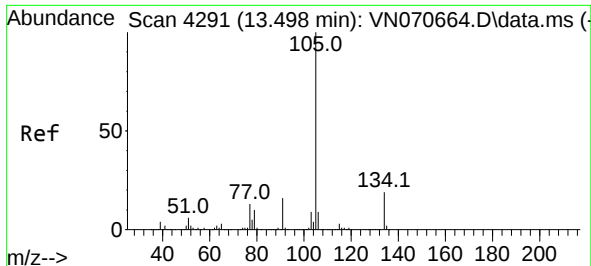
Tgt Ion:119 Resp: 1594684
 Ion Ratio Lower Upper
 119 100
 91 69.5 31.5 94.5
 134 23.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 46.385 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.001 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

Tgt Ion:105 Resp: 1823357
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.8 68.4

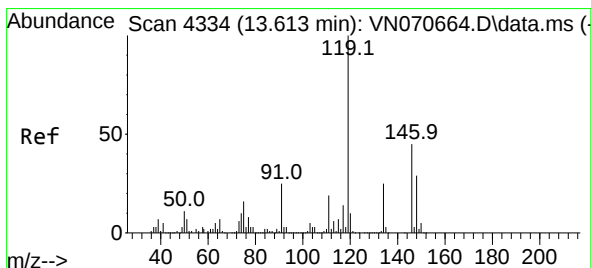
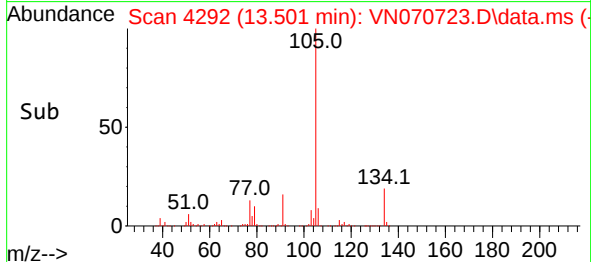
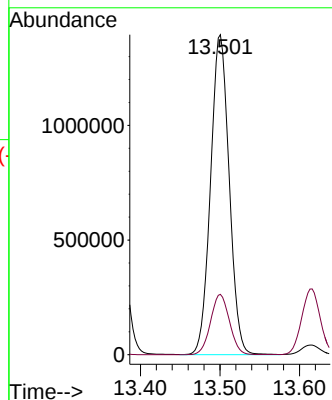
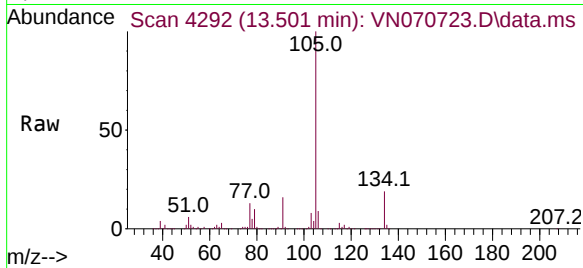




#85
 sec-Butylbenzene
 Concen: 46.921 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. 0.003 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

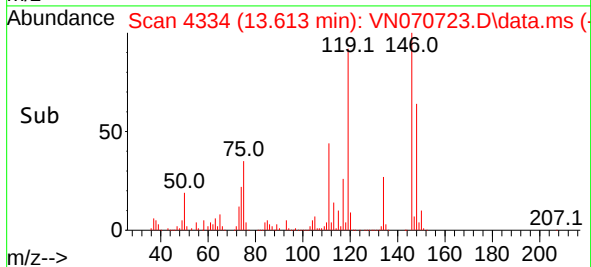
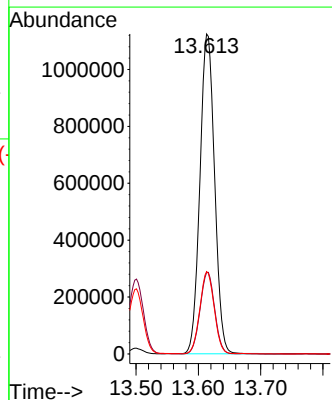
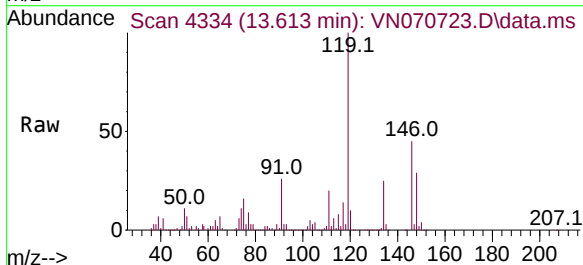
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

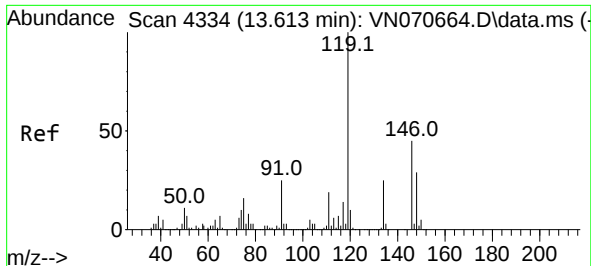
Tgt Ion:105 Resp: 2270751
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.374 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070723.D
 Acq: 20 Jan 2022 16:58

Tgt Ion:119 Resp: 1839047
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.0 11.4 34.1

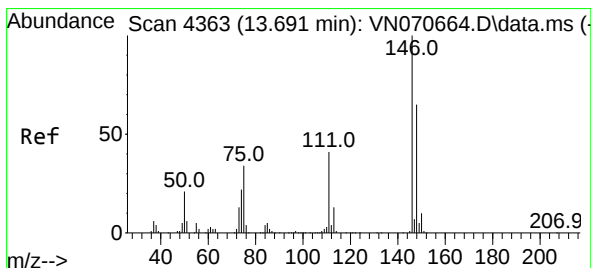
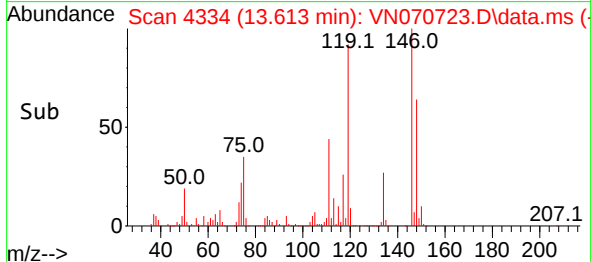
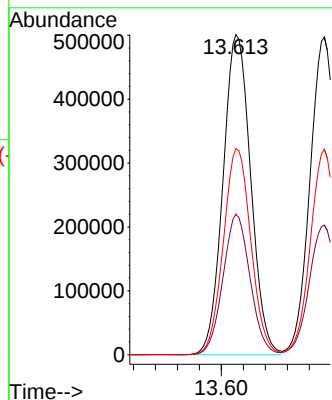
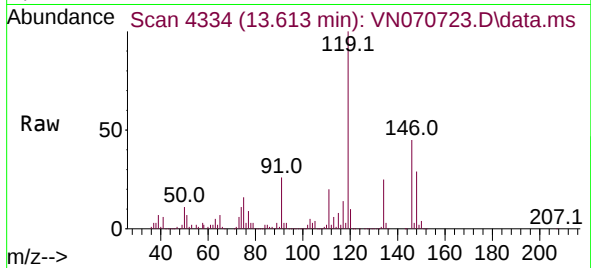




#87
1,3-Dichlorobenzene
Concen: 46.512 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

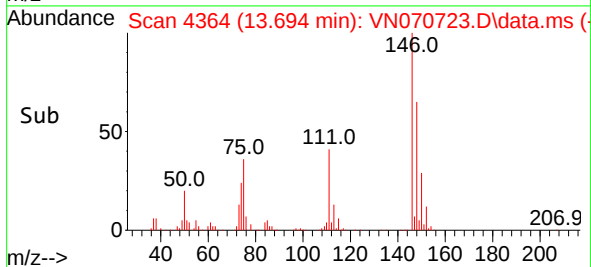
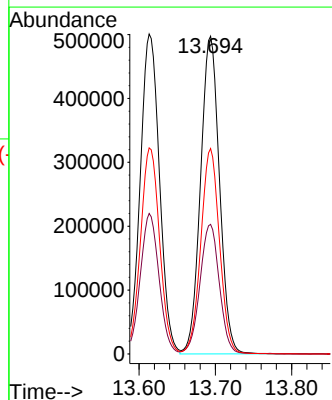
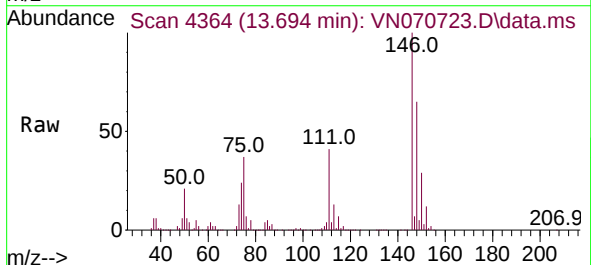
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

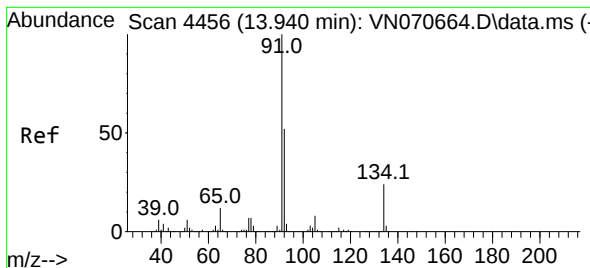
Tgt Ion:146 Resp: 877252
Ion Ratio Lower Upper
146 100
111 42.9 18.6 55.6
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.587 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:146 Resp: 855665
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 49.337 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

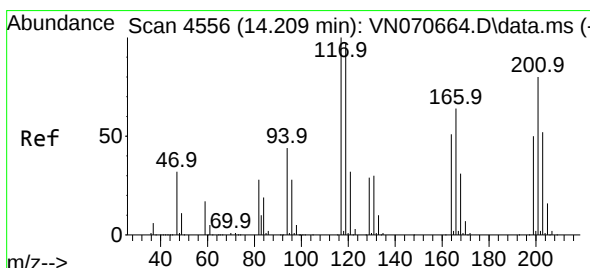
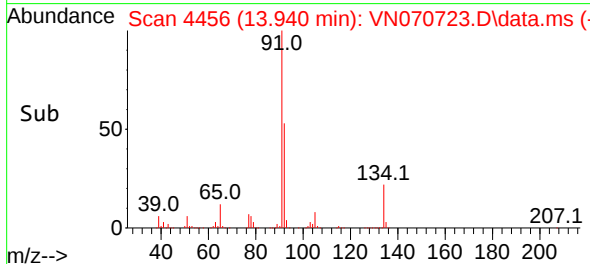
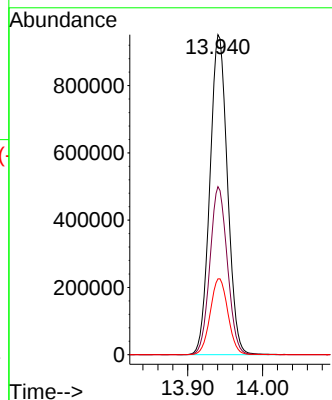
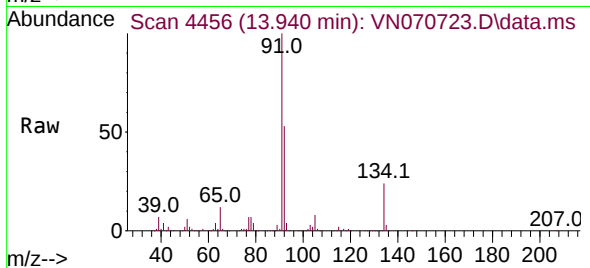
Tgt Ion: 91 Resp: 1547373

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 24.0 13.6 40.8



#90

Hexachloroethane

Concen: 45.412 ug/l

RT: 14.209 min Scan# 4556

Delta R.T. -0.000 min

Lab File: VN070723.D

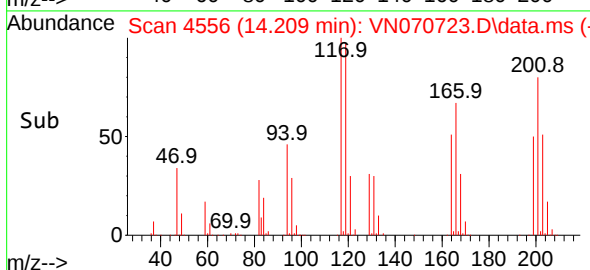
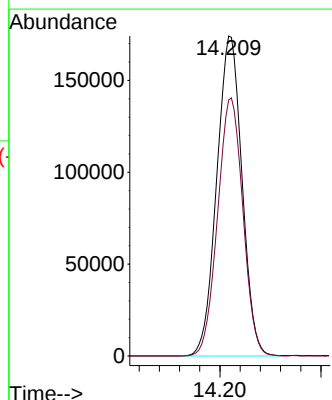
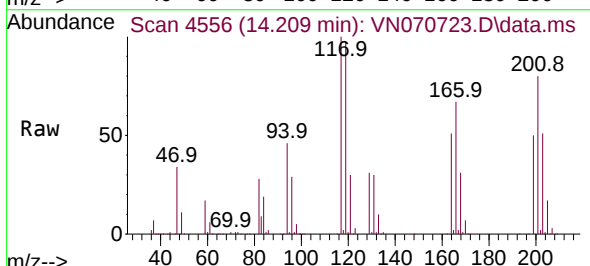
Acq: 20 Jan 2022 16:58

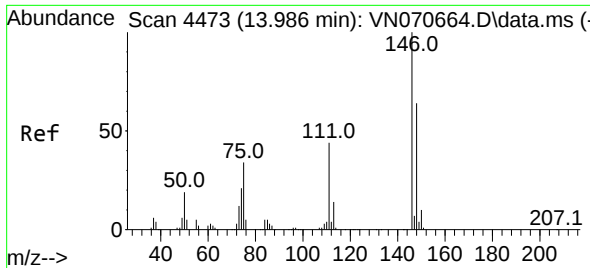
Tgt Ion: 117 Resp: 301784

Ion Ratio Lower Upper

117 100

201 80.7 43.9 131.6

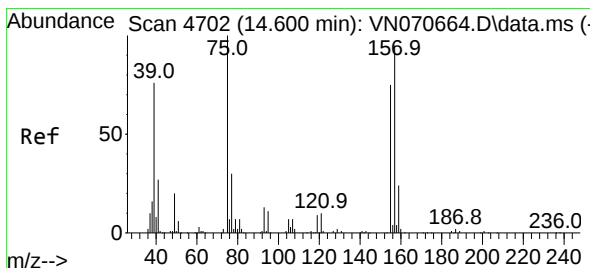
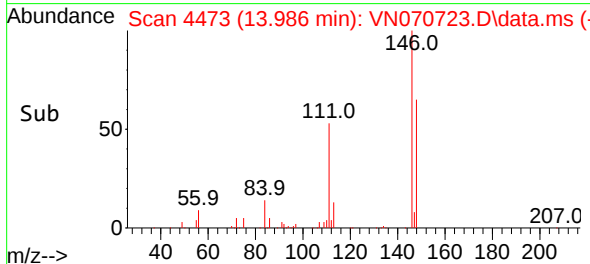
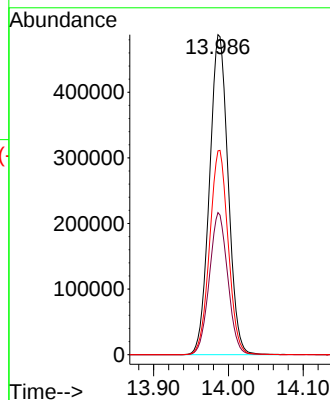
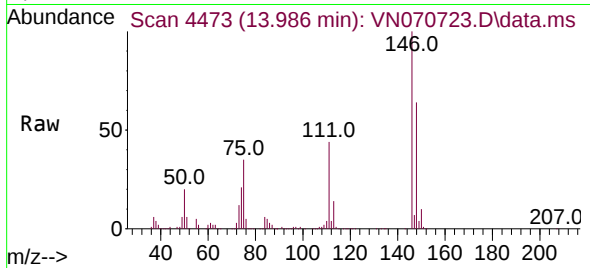




#91
1,2-Dichlorobenzene
Concen: 45.261 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

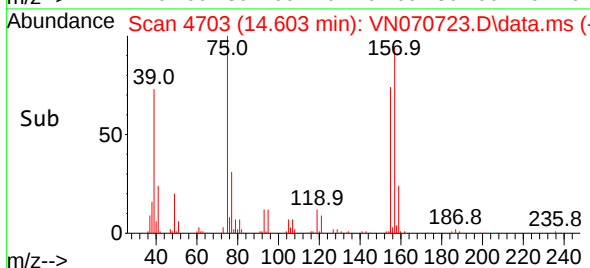
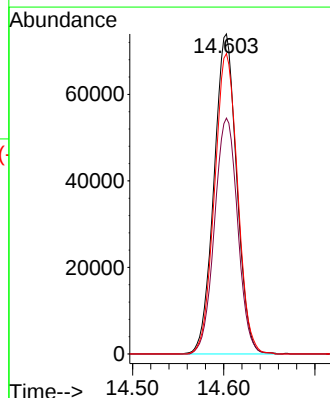
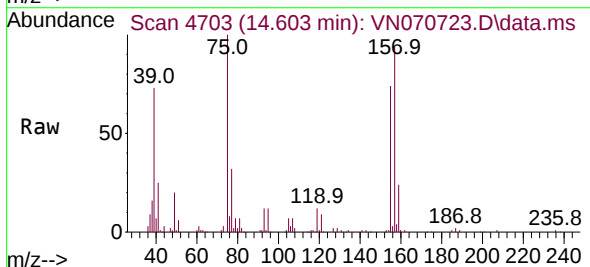
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

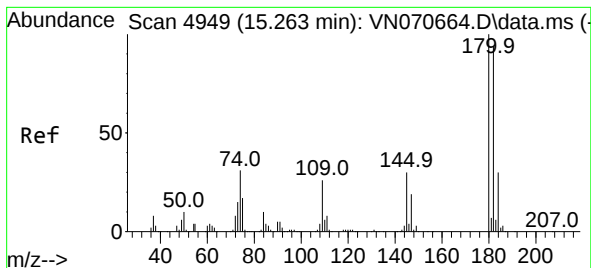
Tgt Ion:146 Resp: 843423
Ion Ratio Lower Upper
146 100
111 43.9 19.1 57.3
148 63.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.268 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion: 75 Resp: 128245
Ion Ratio Lower Upper
75 100
155 75.0 46.9 140.7
157 95.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 43.240 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

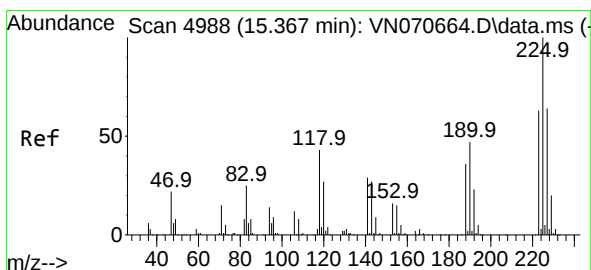
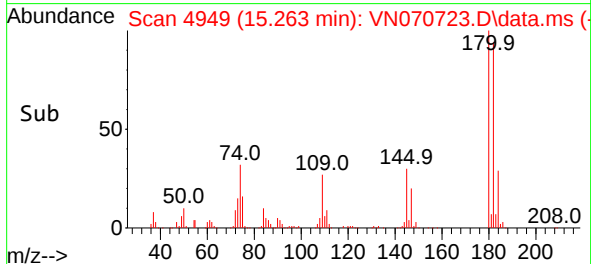
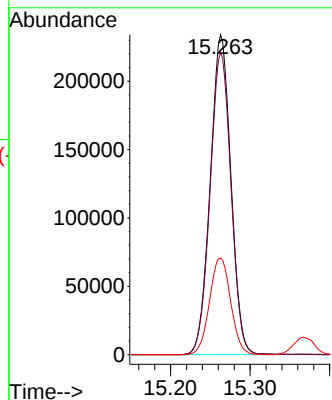
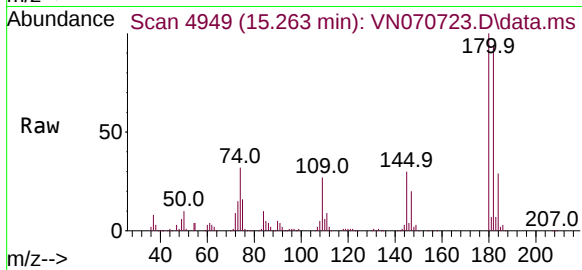
Tgt Ion:180 Resp: 422104

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.9

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.871 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070723.D

Acq: 20 Jan 2022 16:58

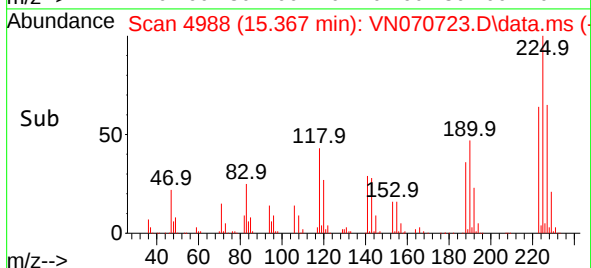
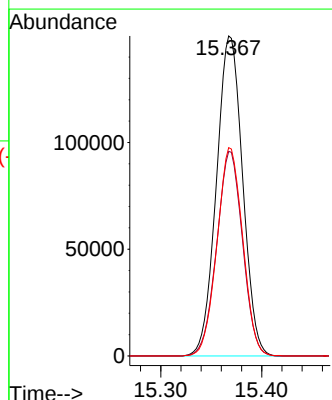
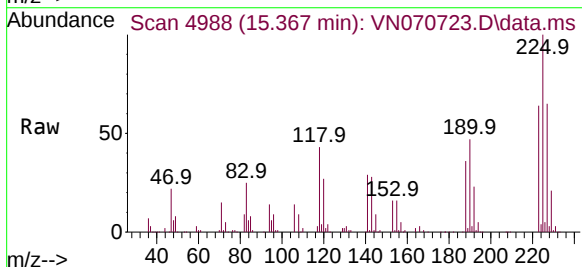
Tgt Ion:225 Resp: 269717

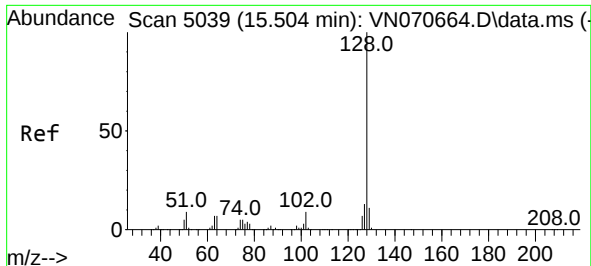
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.7

227 63.8 32.1 96.3

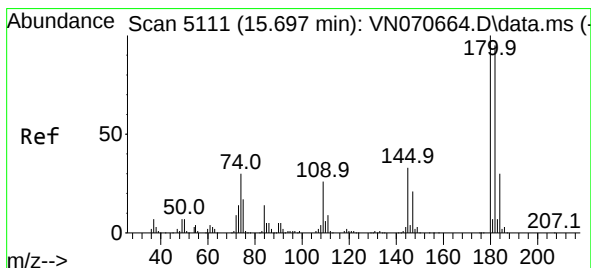
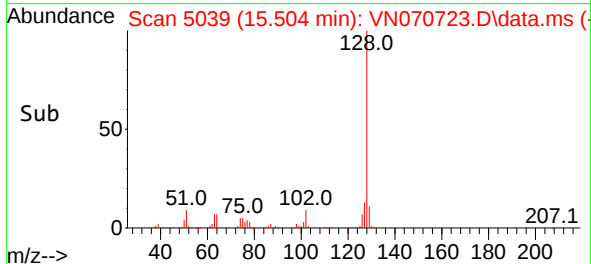
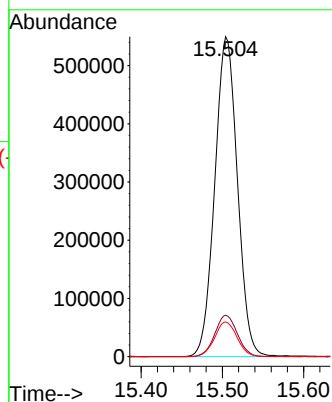
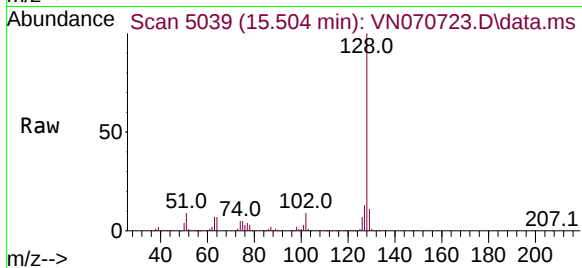




#95
Naphthalene
Concen: 39.493 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1062666
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.038 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070723.D
Acq: 20 Jan 2022 16:58

Tgt Ion:180 Resp: 401759
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.3 15.0 45.1

