

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070104.D
 Acq On : 15 Dec 2021 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 05:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1095577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1773054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1657940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	729589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	826421	48.855	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.720%
35) Dibromofluoromethane	8.021	113	560347	50.454	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.900%
50) Toluene-d8	10.440	98	2208997	49.535	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.728	95	836953	51.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	573094	44.849	ug/l	99
3) Chloromethane	2.303	50	687416	42.940	ug/l	100
4) Vinyl Chloride	2.448	62	647088	43.960	ug/l	99
5) Bromomethane	2.837	94	341275	42.674	ug/l	100
6) Chloroethane	3.011	64	387292	42.936	ug/l	98
7) Trichlorofluoromethane	3.373	101	838844	43.420	ug/l	99
8) Diethyl Ether	3.821	74	367023	49.326	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	530059	48.945	ug/l	97
10) Methyl Iodide	4.417	142	699271	47.265	ug/l	99
11) Tert butyl alcohol	5.377	59	626929	196.070	ug/l	98
12) 1,1-Dichloroethene	4.178	96	482964	46.279	ug/l	87
13) Acrolein	4.039	56	674210	247.604	ug/l	98
14) Allyl chloride	4.838	41	1148710	48.849	ug/l	91
15) Acrylonitrile	5.551	53	1902171	220.770	ug/l	99
16) Acetone	4.285	43	2255104	221.619	ug/l	97
17) Carbon Disulfide	4.527	76	1132008	41.987	ug/l	98
18) Methyl Acetate	4.851	43	1366126	44.478	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2033594	50.117	ug/l	97
20) Methylene Chloride	5.090	84	610474	45.129	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	520810	45.947	ug/l	85
22) Diisopropyl ether	6.495	45	2384885	51.887	ug/l #	93
23) Vinyl Acetate	6.431	43	9481434	253.559	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1169635	49.125	ug/l	98
25) 2-Butanone	7.332	43	3000499	217.024	ug/l	91
26) 2,2-Dichloropropane	7.324	77	923536	49.889	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	651931	47.605	ug/l	85
28) Bromochloromethane	7.657	49	646984	52.256	ug/l #	77
29) Tetrahydrofuran	7.683	42	1810525	215.660	ug/l	88
30) Chloroform	7.817	83	1161776	48.315	ug/l	99
31) Cyclohexane	8.094	56	1075565	45.689	ug/l	87
32) 1,1,1-Trichloroethane	8.011	97	962962	47.014	ug/l	96
36) 1,1-Dichloropropene	8.220	75	835405	49.494	ug/l	96
37) Ethyl Acetate	7.412	43	1124548	44.763	ug/l	95
38) Carbon Tetrachloride	8.204	117	779103	47.070	ug/l	99
39) Methylcyclohexane	9.459	83	1002230	49.919	ug/l	89
40) Benzene	8.458	78	2517102	48.788	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	563068	47.745	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1014777	48.725	ug/l	97
43) Isopropyl Acetate	8.560	43	1798376	48.374	ug/l #	94
44) Trichloroethene	9.215	130	599257	48.665	ug/l	91
45) 1,2-Dichloropropane	9.488	63	710110	51.255	ug/l	97
46) Dibromomethane	9.574	93	439160	48.333	ug/l	93
47) Bromodichloromethane	9.759	83	886176	51.512	ug/l	100
48) Methyl methacrylate	9.558	41	835655	48.166	ug/l	88
49) 1,4-Dioxane	9.569	88	257592	827.466	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5805883	240.733	ug/l	95
52) Toluene	10.505	92	1560761	49.551	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	973468	47.206	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	1057561	48.746	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	633423	49.841	ug/l	97
56) Ethyl methacrylate	10.760	69	1086226	45.512	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1127579	50.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1178398	186.979	ug/l	91
59) 2-Hexanone	11.084	43	4230252	231.869	ug/l	93
60) Dibromochloromethane	11.237	129	622652	45.929	ug/l	100
61) 1,2-Dibromoethane	11.344	107	639517	48.583	ug/l	99
64) Tetrachloroethene	10.977	164	537569	47.818	ug/l	95
65) Chlorobenzene	11.768	112	1648776	49.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	590264	49.860	ug/l	100
67) Ethyl Benzene	11.843	91	3127364	51.187	ug/l	96
68) m/p-Xylenes	11.950	106	2273516	102.200	ug/l	92
69) o-Xylene	12.280	106	1142305	50.979	ug/l	91
70) Styrene	12.294	104	1879981	52.910	ug/l	95
71) Bromoform	12.457	173	442506	44.047	ug/l #	99
73) Isopropylbenzene	12.578	105	3032932	46.723	ug/l	98
74) N-amyl acetate	12.388	43	1337690	46.598	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	983277	43.804	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	1217149	58.173	ug/l	74
77) Bromobenzene	12.860	156	687045	45.060	ug/l	77
78) n-propylbenzene	12.919	91	3559847	49.282	ug/l	96
79) 2-Chlorotoluene	13.007	91	2147010	47.040	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2495778	47.769	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	271285	43.050	ug/l	94
82) 4-Chlorotoluene	13.104	91	2095781	48.826	ug/l	92
83) tert-Butylbenzene	13.321	119	2177315	47.063	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2435697	48.951	ug/l	98
85) sec-Butylbenzene	13.501	105	3085450	49.169	ug/l	97
86) p-Isopropyltoluene	13.613	119	2495808	50.882	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1208660	48.253	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1174674	47.720	ug/l	97
89) n-Butylbenzene	13.940	91	2109923	53.027	ug/l	97
90) Hexachloroethane	14.209	117	390626	45.359	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1155608	47.349	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172688	42.574	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	572701	47.968	ug/l	98
94) Hexachlorobutadiene	15.367	225	337453	52.171	ug/l	98
95) Naphthalene	15.504	128	1518497	43.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	558682	47.993	ug/l	98

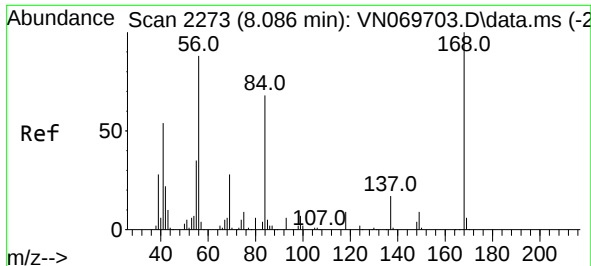
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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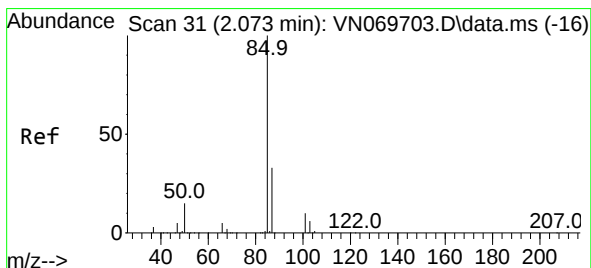
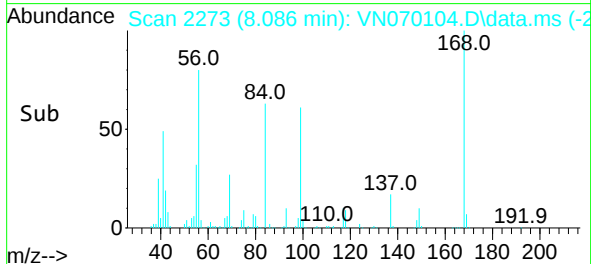
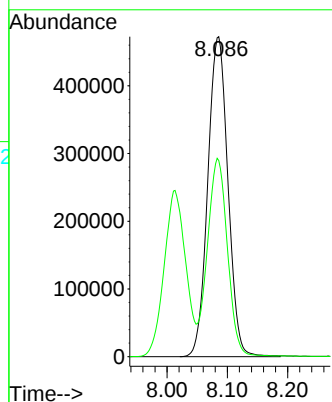
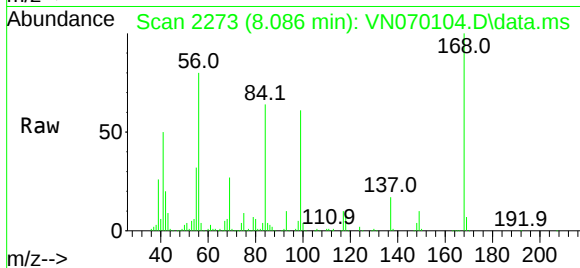
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

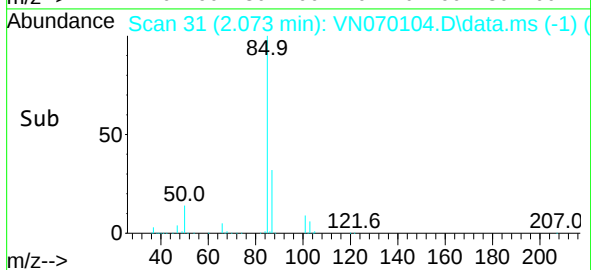
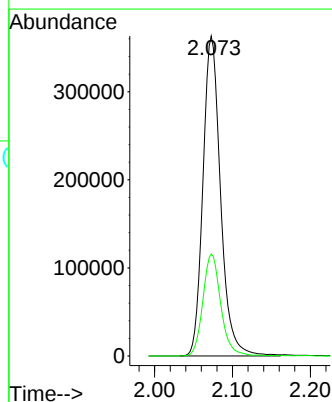
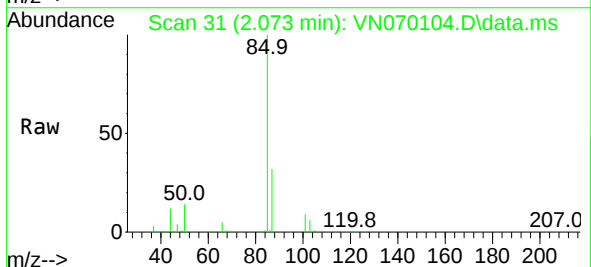
Instrument :
MSVOA_N
ClientSampleId :

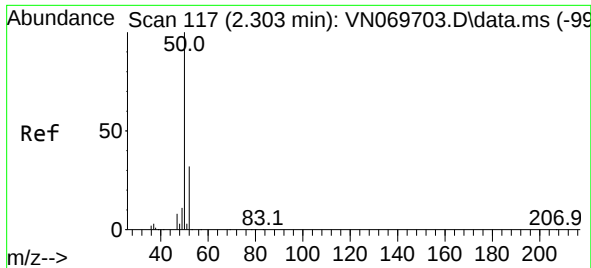
Tgt Ion:168 Resp: 1095577
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 44.849 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 85 Resp: 573094
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9

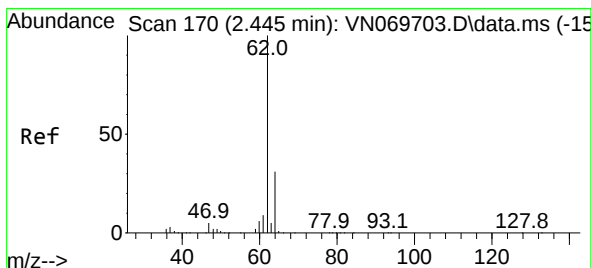
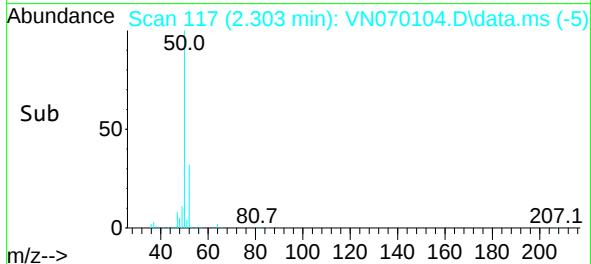
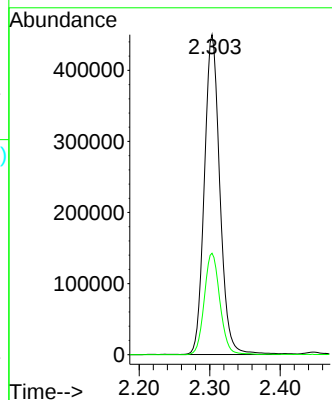
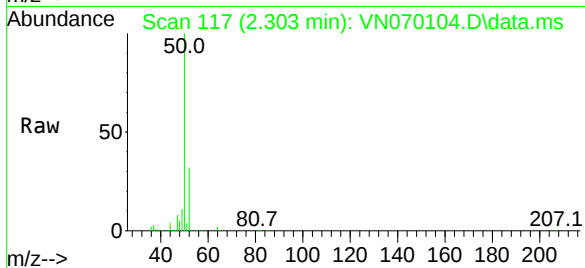




#3
Chloromethane
Concen: 42.940 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

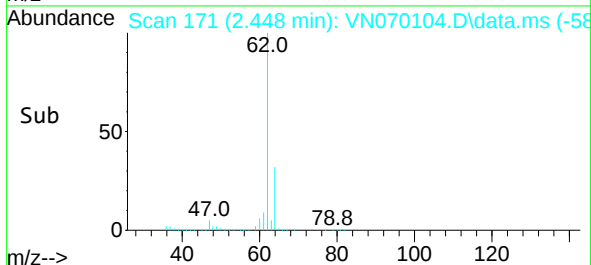
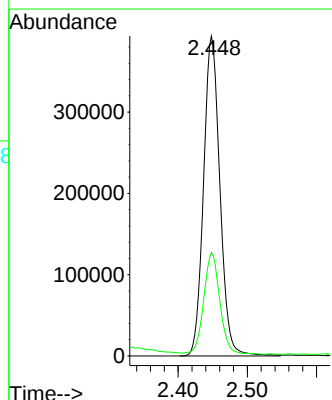
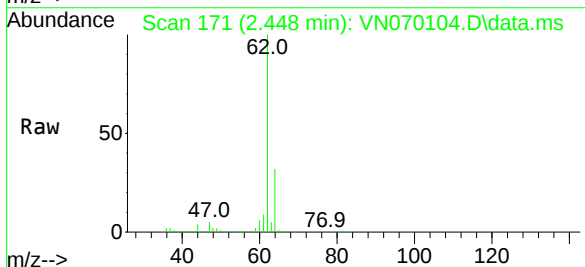
Instrument :
MSVOA_N
ClientSampleId :

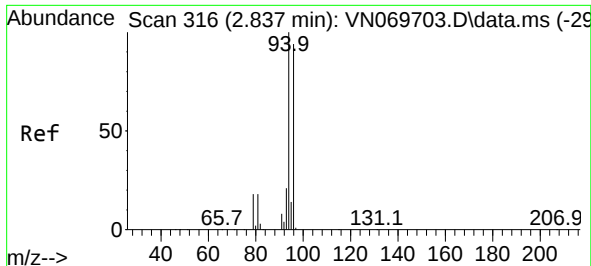
Tgt Ion: 50 Resp: 687416
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



#4
Vinyl Chloride
Concen: 43.960 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

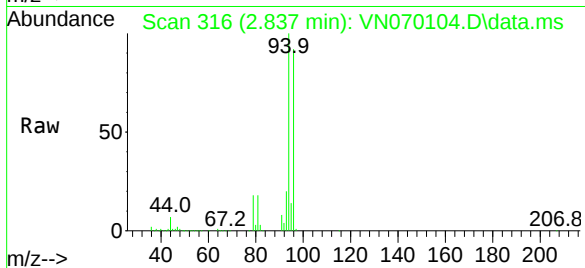
Tgt Ion: 62 Resp: 647088
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6



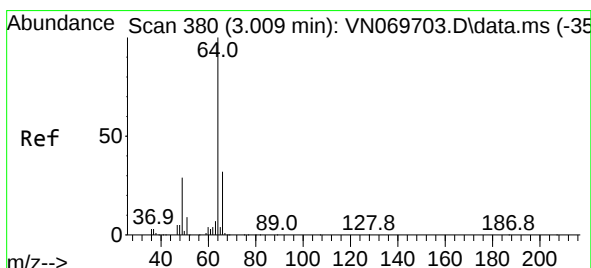
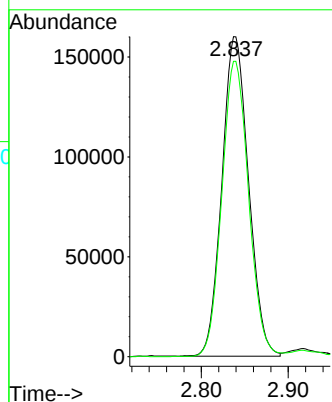
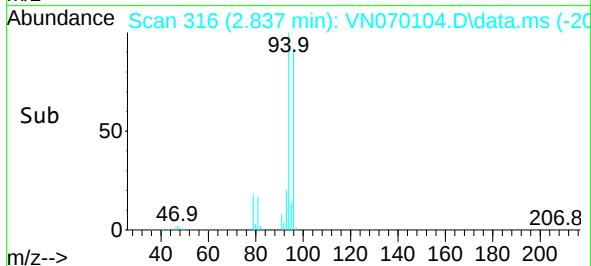


#5
Bromomethane
Concen: 42.674 ug/l
RT: 2.837 min Scan# 316
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

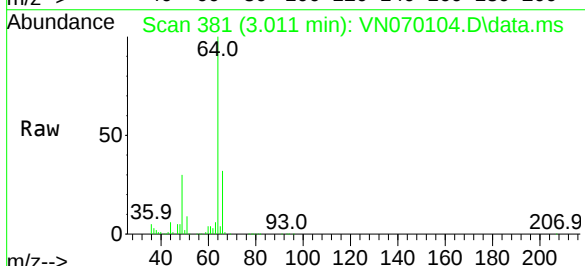
Instrument :
MSVOA_N
ClientSampleId :



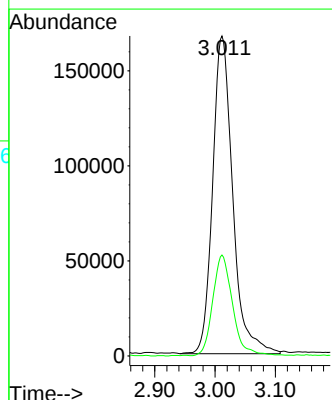
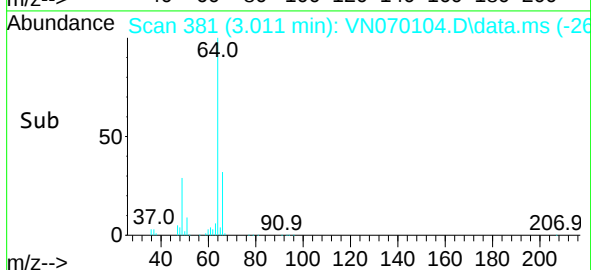
Tgt Ion: 94 Resp: 341275
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

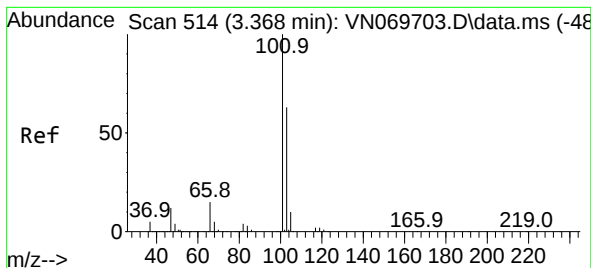


#6
Chloroethane
Concen: 42.936 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53



Tgt Ion: 64 Resp: 387292
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7

Trichlorofluoromethane

Concen: 43.420 ug/l

RT: 3.373 min Scan# 514

Delta R.T. 0.006 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

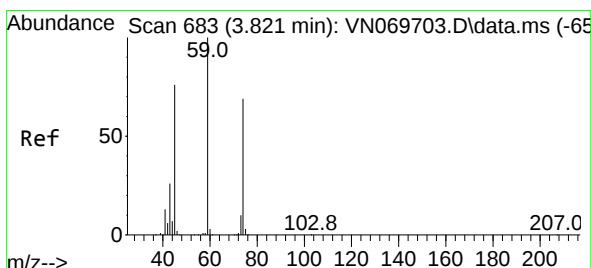
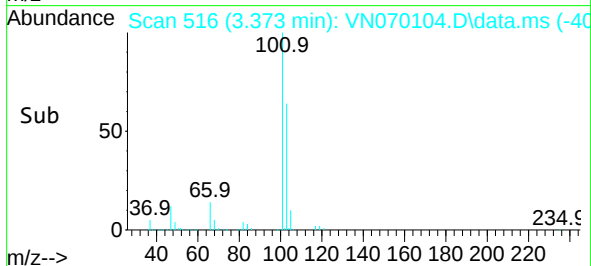
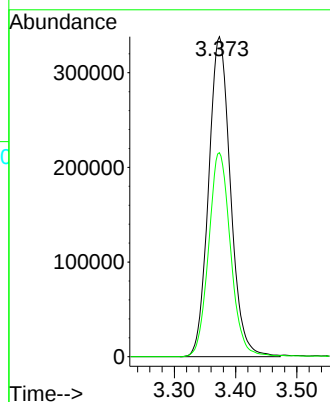
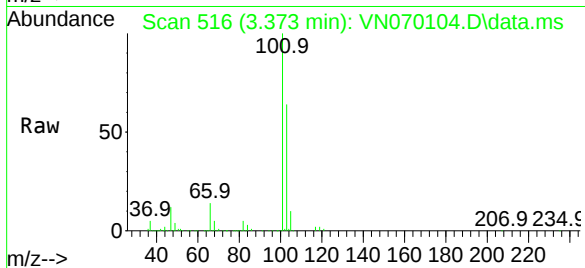
ClientSampleId :

Tgt Ion:101 Resp: 838844

Ion Ratio Lower Upper

101 100

103 63.7 50.1 75.1



#8

Diethyl Ether

Concen: 49.326 ug/l

RT: 3.821 min Scan# 683

Delta R.T. 0.000 min

Lab File: VN070104.D

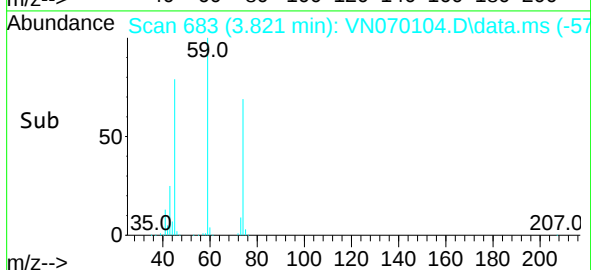
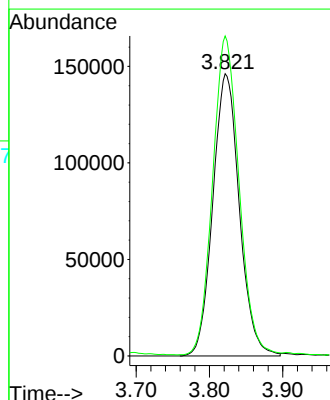
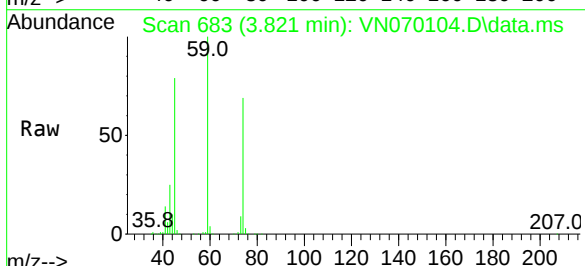
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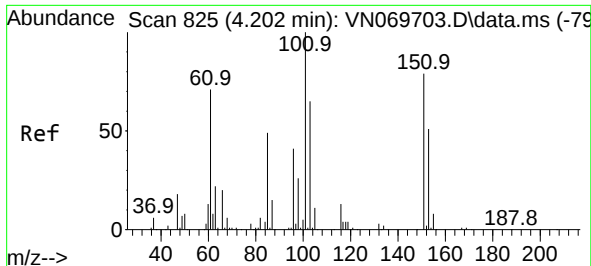
Tgt Ion: 74 Resp: 367023

Ion Ratio Lower Upper

74 100

45 112.0 47.0 141.2

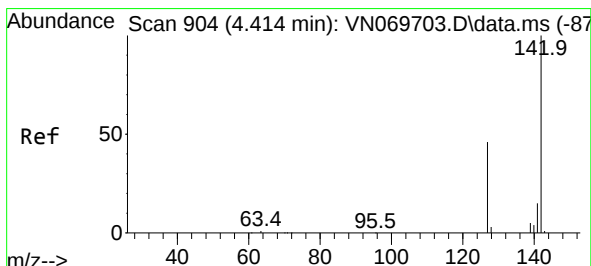
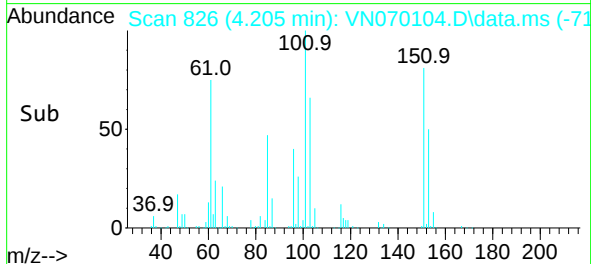
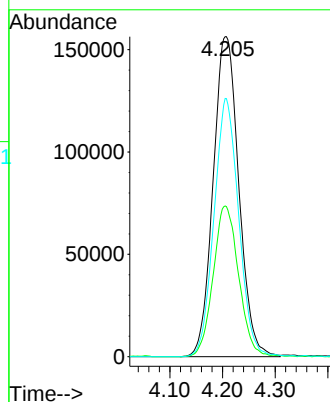
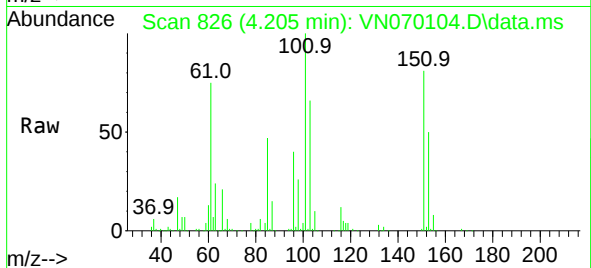




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.945 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070104.D
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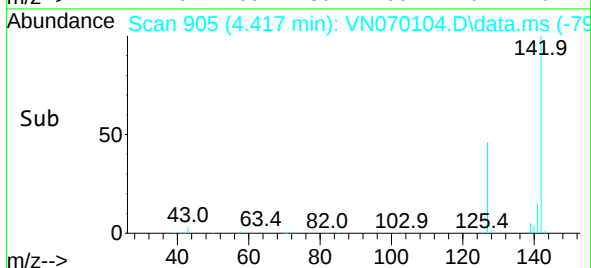
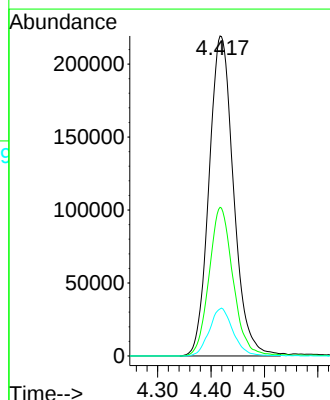
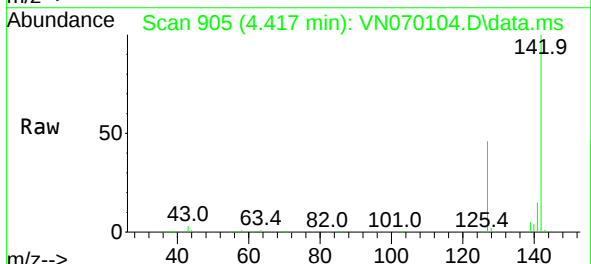
Instrument :
MSVOA_N
ClientSampleId :

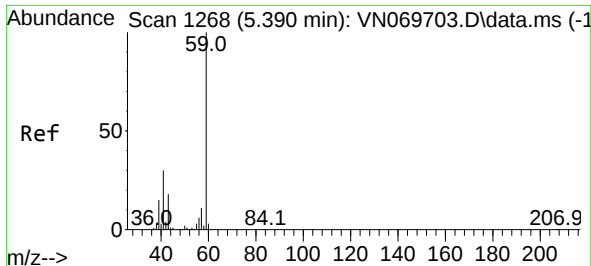
Tgt Ion:101 Resp: 530059
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 77.7 65.9 98.9



#10
Methyl Iodide
Concen: 47.265 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

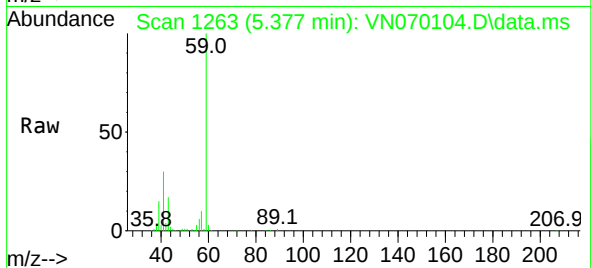
Tgt Ion:142 Resp: 699271
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.0
141 14.5 11.6 17.4



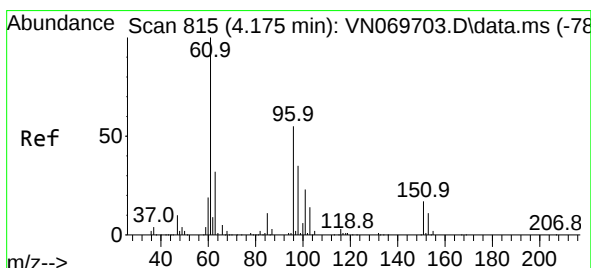
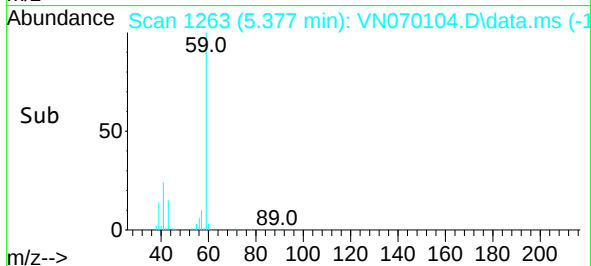
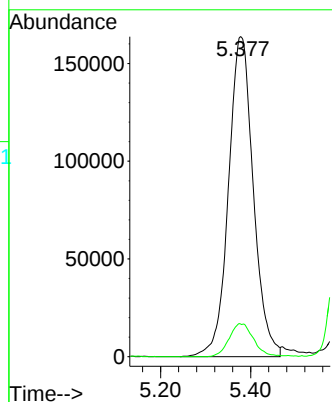


#11
Tert butyl alcohol
Concen: 196.070 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

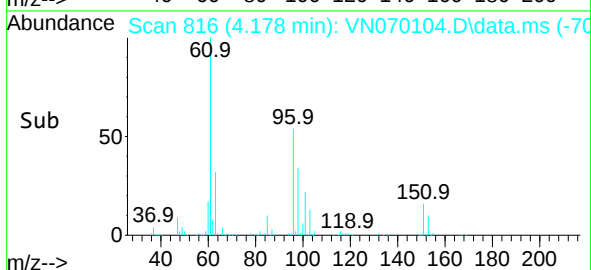
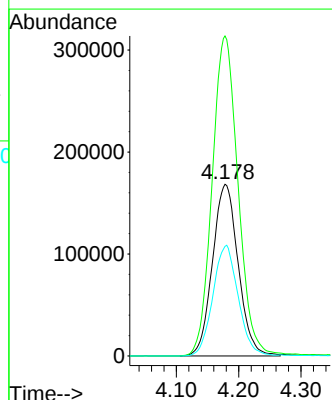
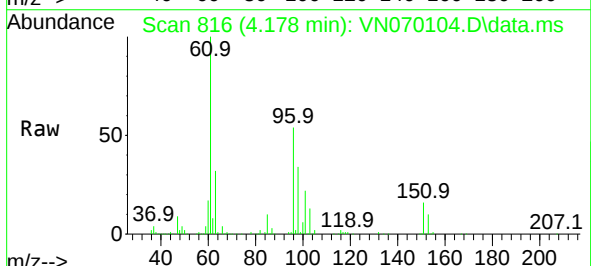


Tgt Ion: 59 Resp: 626929
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 46.279 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 96 Resp: 482964
Ion Ratio Lower Upper
96 100
61 186.2 131.0 196.6
98 63.8 52.4 78.6

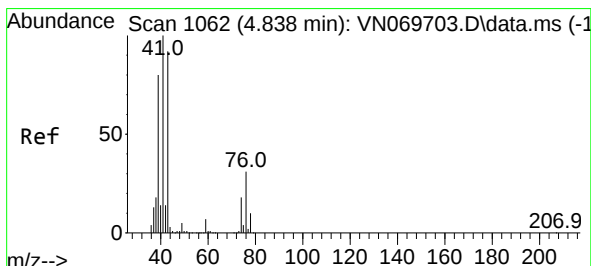
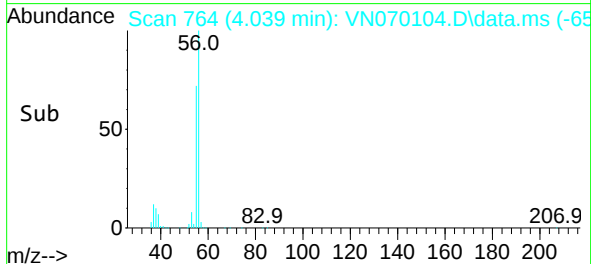
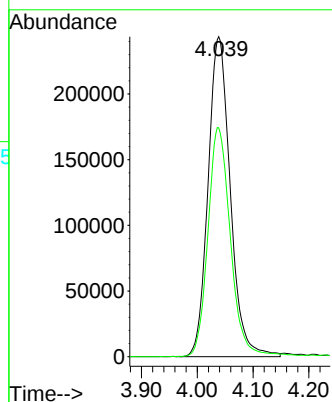
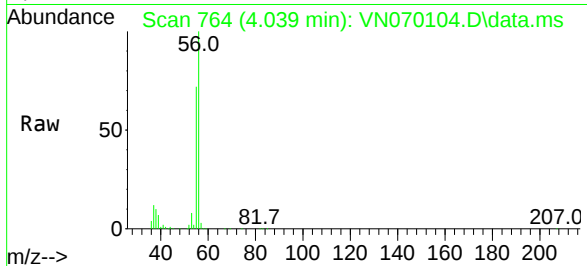




#13
Acrolein
Concen: 247.604 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

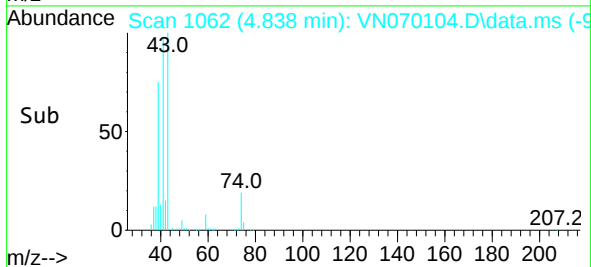
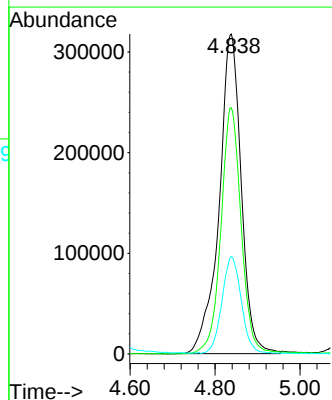
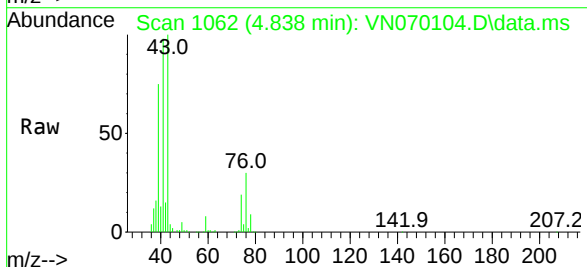
Instrument :
MSVOA_N
ClientSampleId :

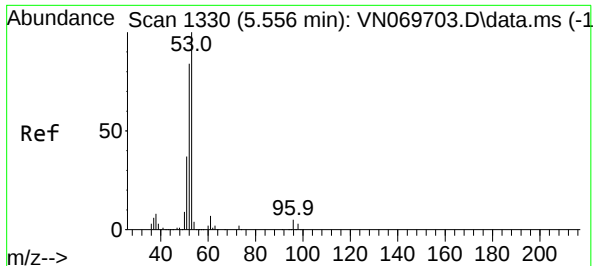
Tgt Ion: 56 Resp: 674210
Ion Ratio Lower Upper
56 100
55 72.7 56.6 85.0



#14
Allyl chloride
Concen: 48.849 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

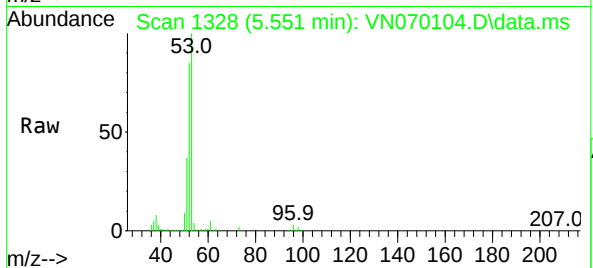
Tgt Ion: 41 Resp: 1148710
Ion Ratio Lower Upper
41 100
39 70.0 61.2 91.8
76 26.1 26.0 39.0





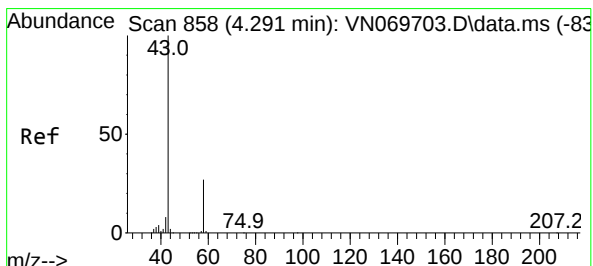
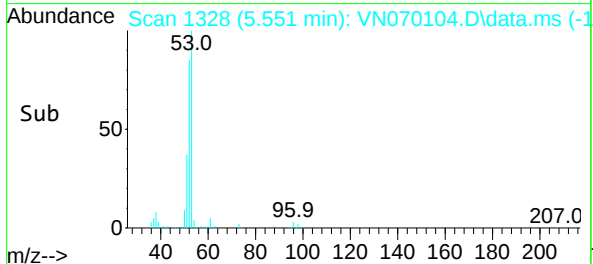
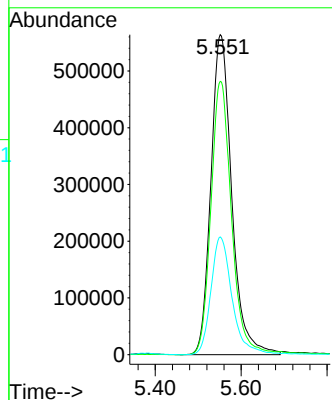
#15
Acrylonitrile
Concen: 220.770 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 1902171

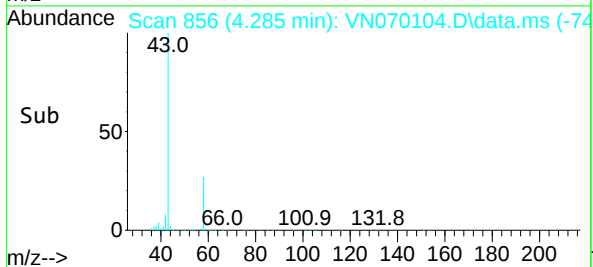
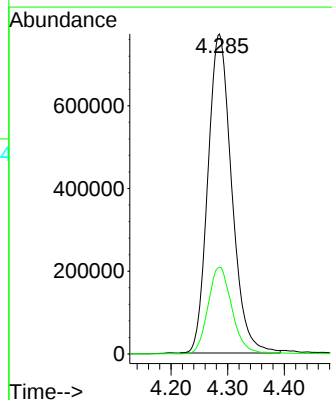
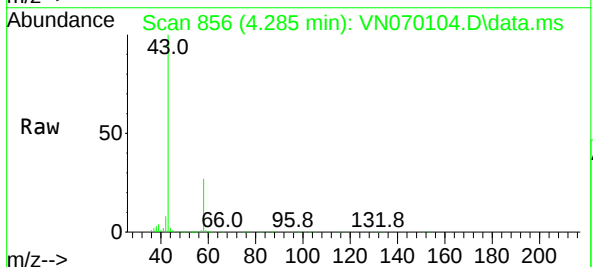
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.2
51	37.4	29.6	44.4

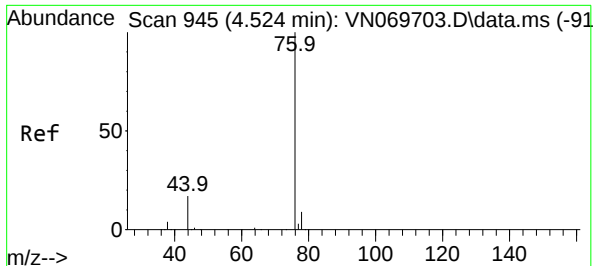


#16
Acetone
Concen: 221.619 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 43 Resp: 2255104

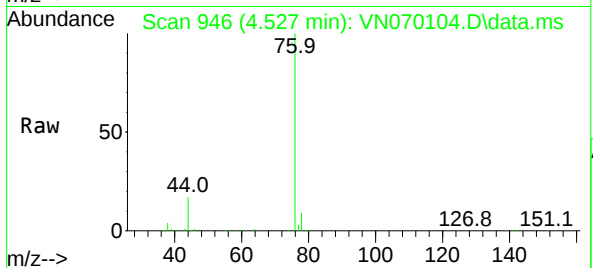
Ion	Ratio	Lower	Upper
43	100		
58	27.1	23.1	34.7



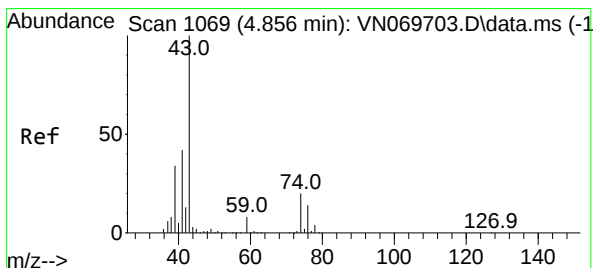
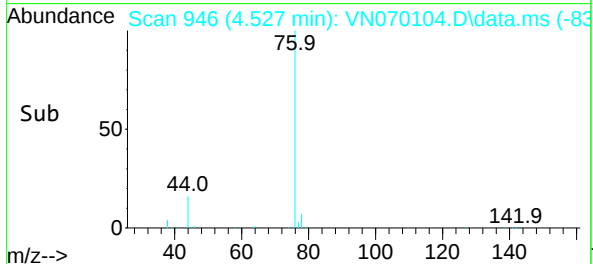
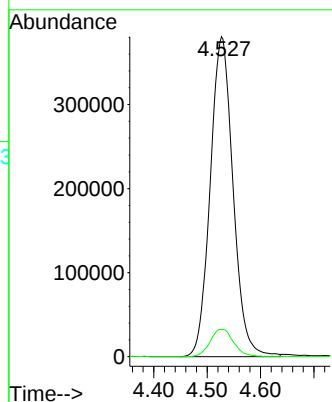


#17
Carbon Disulfide
Concen: 41.987 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

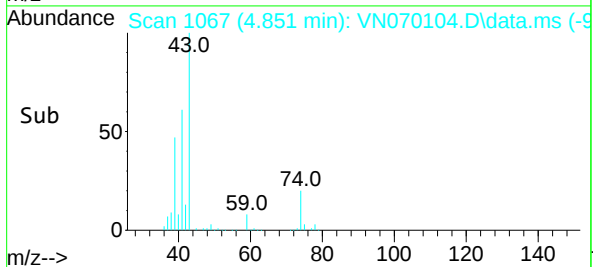
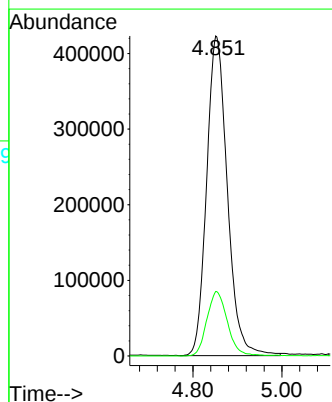
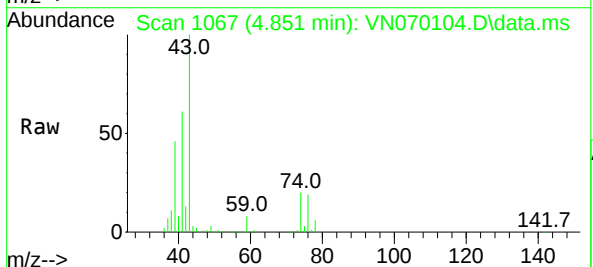


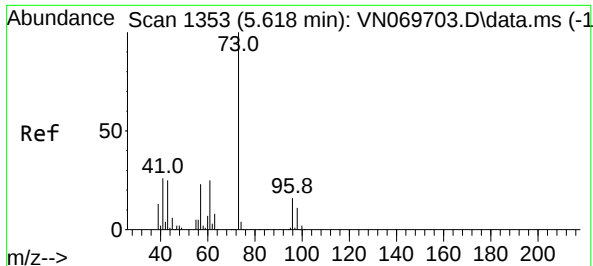
Tgt Ion: 76 Resp: 1132008
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 44.478 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

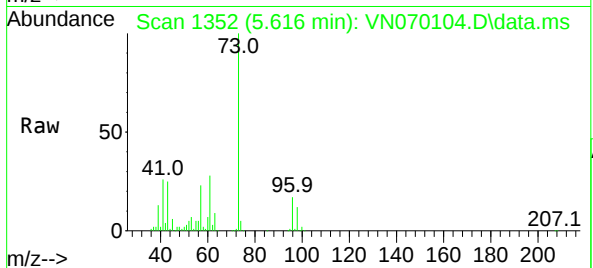
Tgt Ion: 43 Resp: 1366126
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2



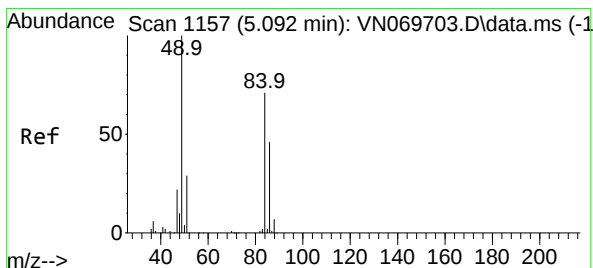
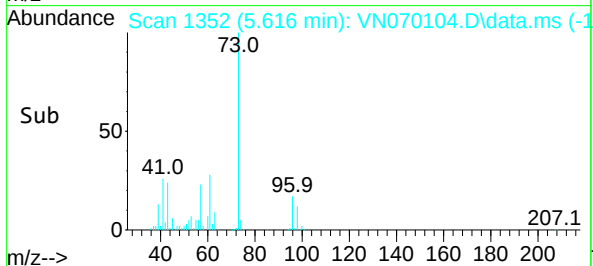
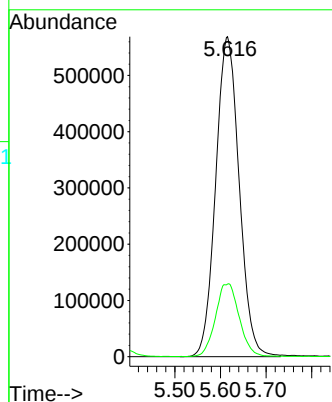


#19
Methyl tert-butyl Ether
Concen: 50.117 ug/l
RT: 5.616 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

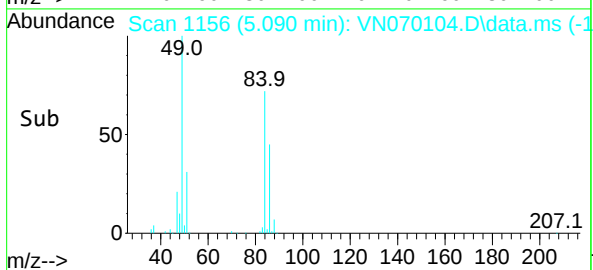
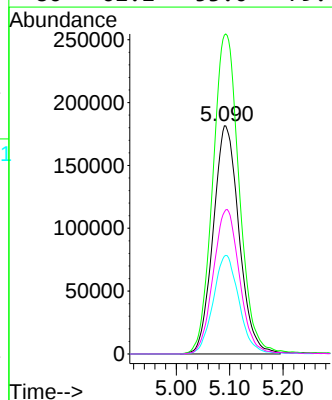
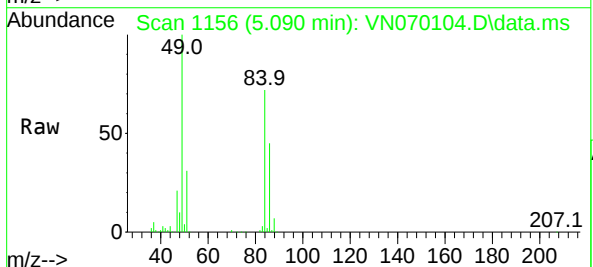


Tgt Ion: 73 Resp: 2033594
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2



#20
Methylene Chloride
Concen: 45.129 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

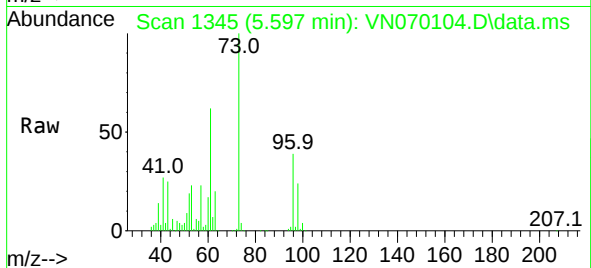
Tgt Ion: 84 Resp: 610474
Ion Ratio Lower Upper
84 100
49 139.6 93.5 140.3
51 42.8 29.4 44.2
86 62.2 53.0 79.4



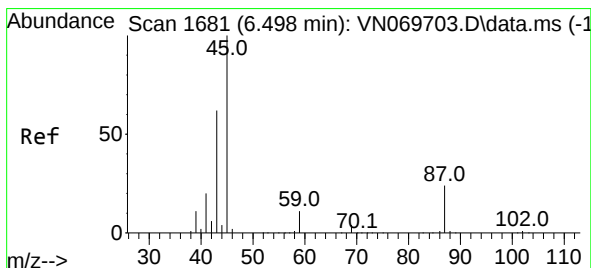
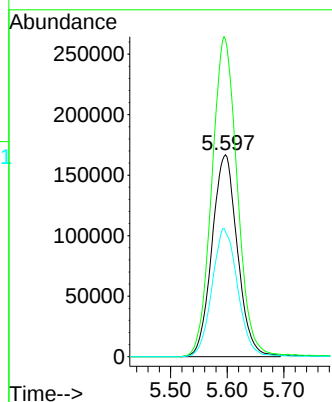
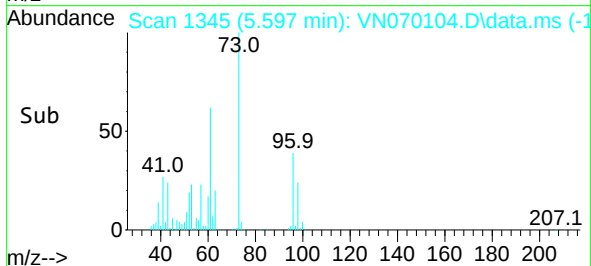


#21
trans-1,2-Dichloroethene
Concen: 45.947 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

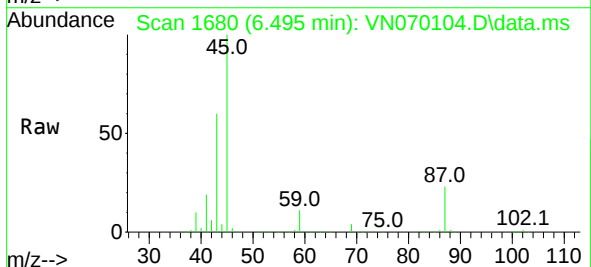
Instrument :
MSVOA_N
ClientSampleId :



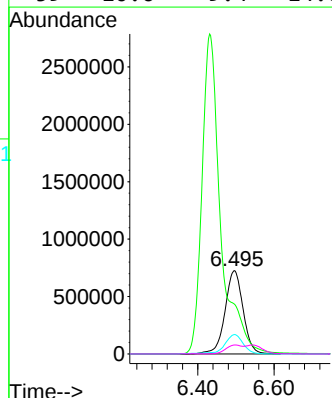
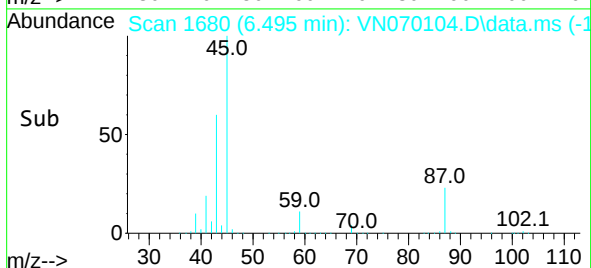
Tgt Ion: 96 Resp: 520810
Ion Ratio Lower Upper
96 100
61 157.1 105.8 158.6
98 62.0 52.0 78.0

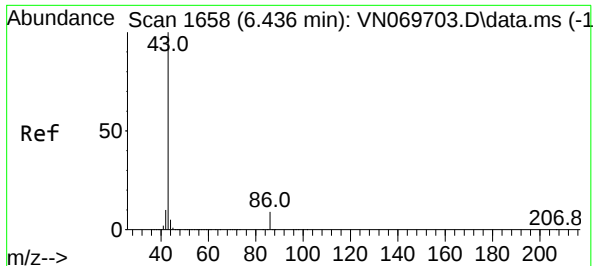


#22
Diisopropyl ether
Concen: 51.887 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53



Tgt Ion: 45 Resp: 2384885
Ion Ratio Lower Upper
45 100
43 60.0 51.7 77.5
87 23.2 23.2 34.8#
59 10.6 9.4 14.0





#23

Vinyl Acetate

Concen: 253.559 ug/l

RT: 6.431 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

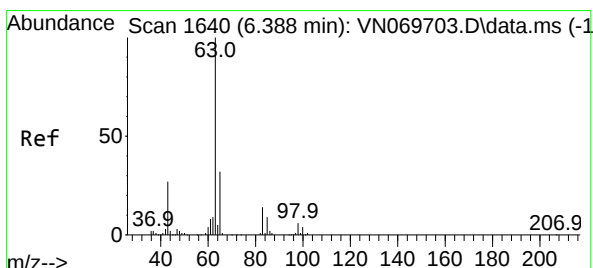
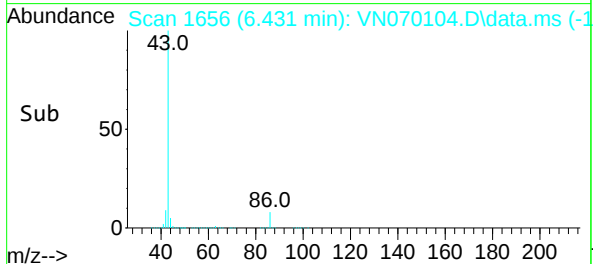
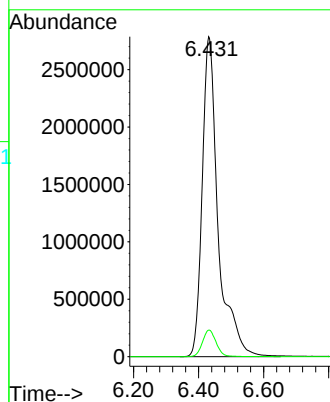
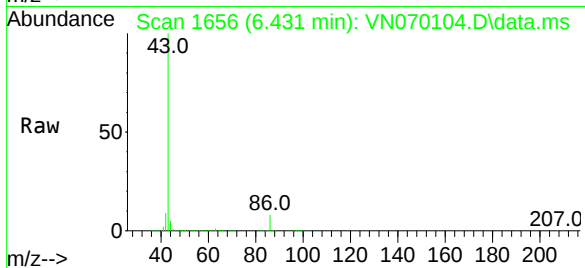
ClientSampleId :

Tgt Ion: 43 Resp: 9481434

Ion Ratio Lower Upper

43 100

86 8.3 8.5 12.7#



#24

1,1-Dichloroethane

Concen: 49.125 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

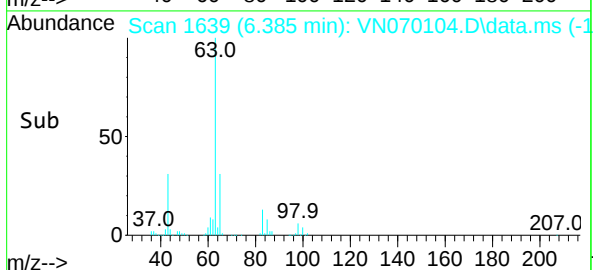
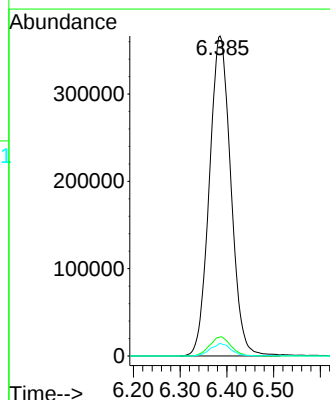
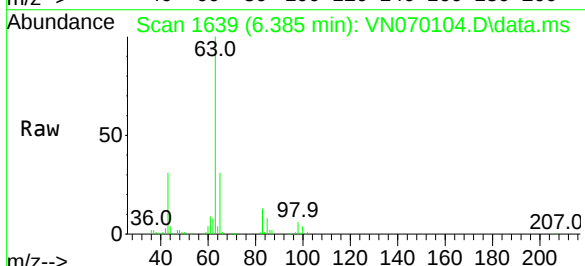
Tgt Ion: 63 Resp: 1169635

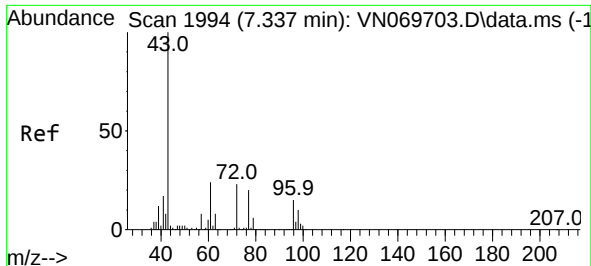
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 217.024 ug/l

RT: 7.332 min Scan# 1994

Delta R.T. -0.005 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

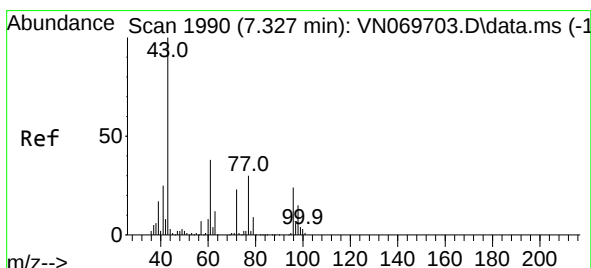
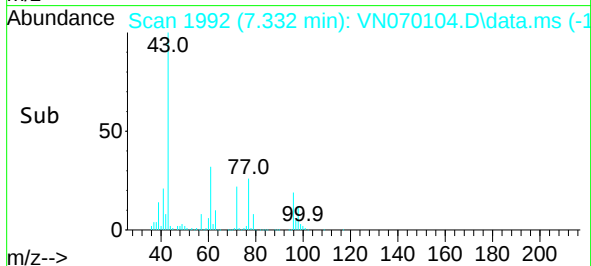
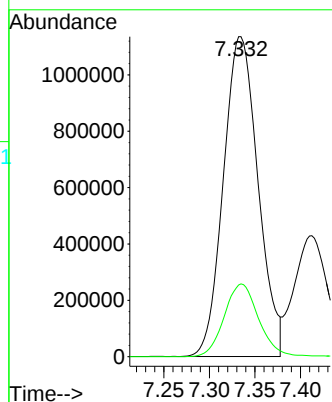
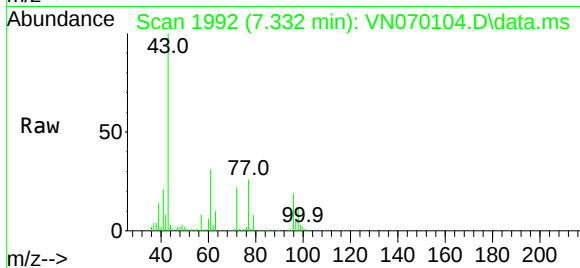
ClientSampleId :

Tgt Ion: 43 Resp: 3000499

Ion Ratio Lower Upper

43 100

72 22.4 21.7 32.5



#26

2,2-Dichloropropane

Concen: 49.889 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070104.D

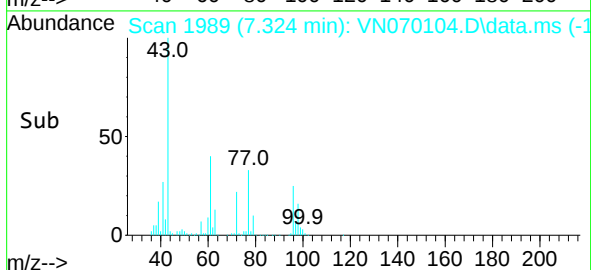
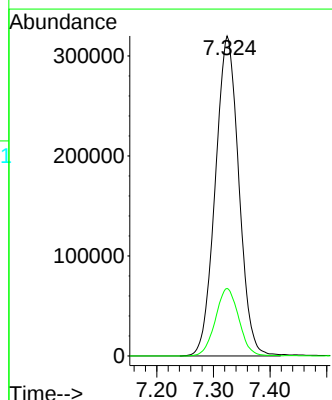
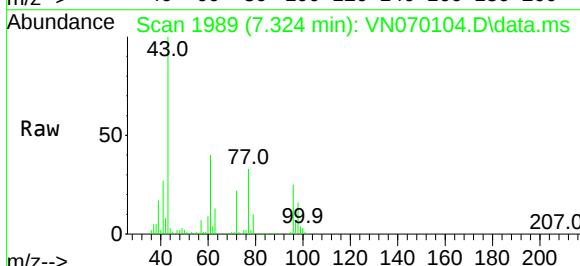
Acq: 15 Dec 2021 10:53

Tgt Ion: 77 Resp: 923536

Ion Ratio Lower Upper

77 100

97 21.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.605 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.003 min

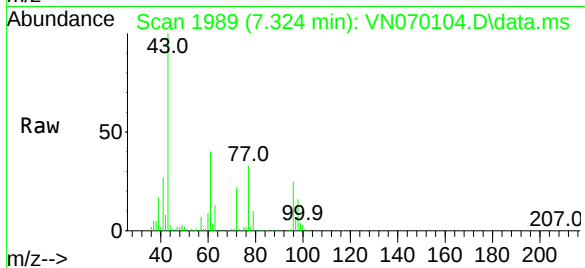
Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :



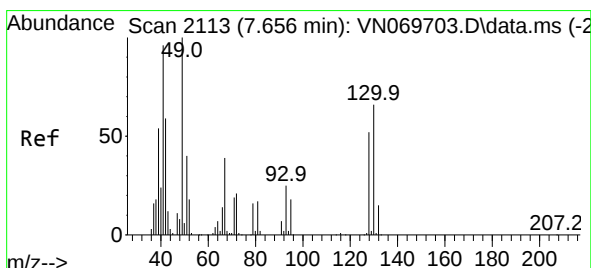
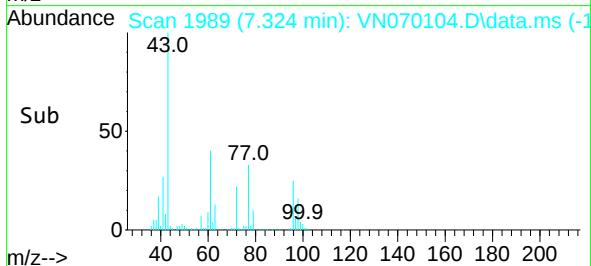
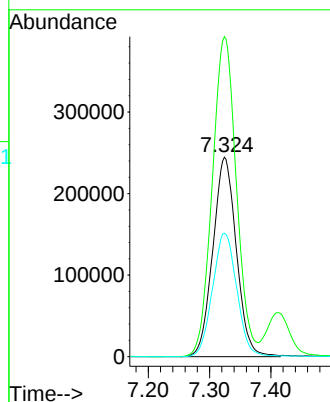
Tgt Ion: 96 Resp: 651931

Ion Ratio Lower Upper

96 100

61 164.5 0.0 275.0

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 52.256 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

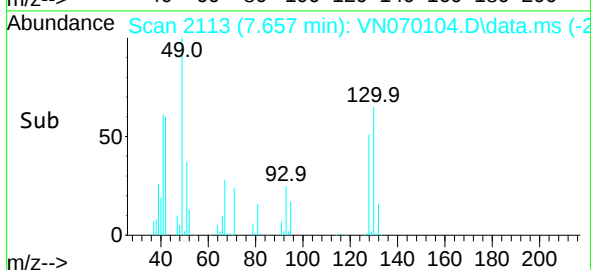
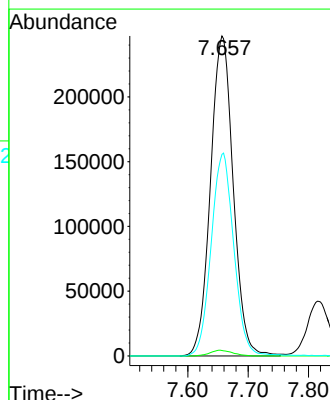
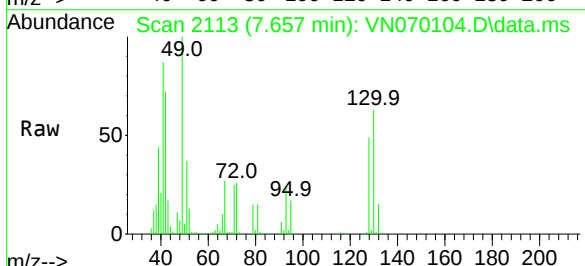
Tgt Ion: 49 Resp: 646984

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 63.2 67.8 101.8





#29

Tetrahydrofuran

Concen: 215.660 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

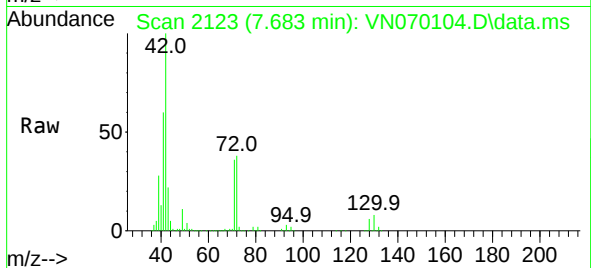
Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :



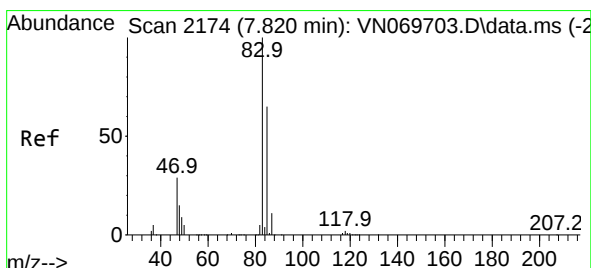
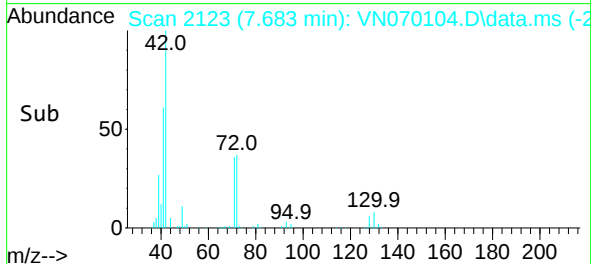
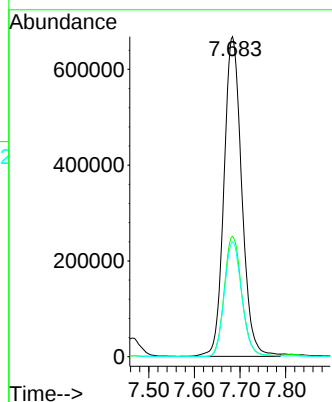
Tgt Ion: 42 Resp: 1810525

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

71 35.5 34.7 52.1



#30

Chloroform

Concen: 48.315 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070104.D

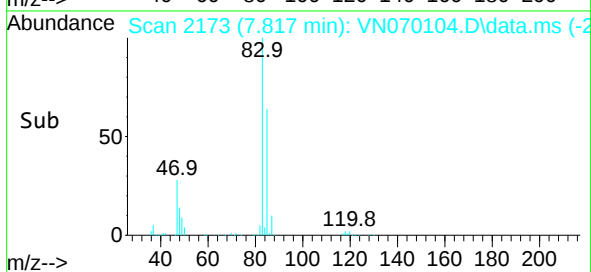
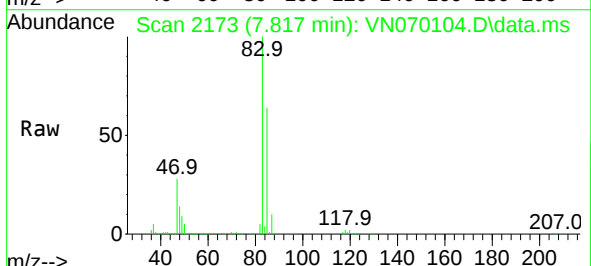
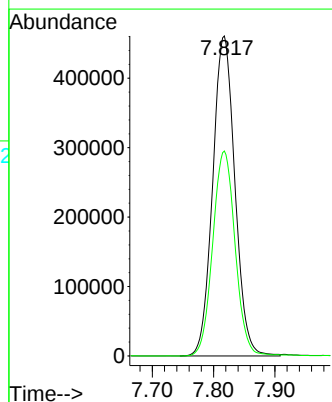
Acq: 15 Dec 2021 10:53

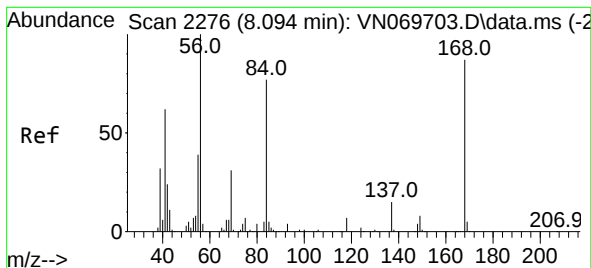
Tgt Ion: 83 Resp: 1161776

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9





#31

Cyclohexane

Concen: 45.689 ug/l

RT: 8.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

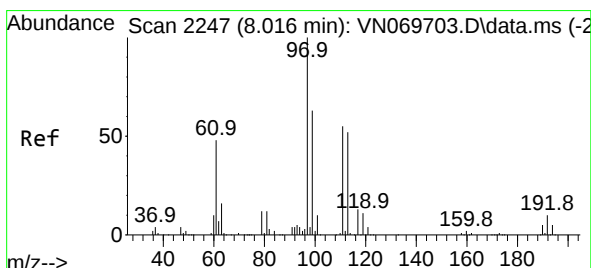
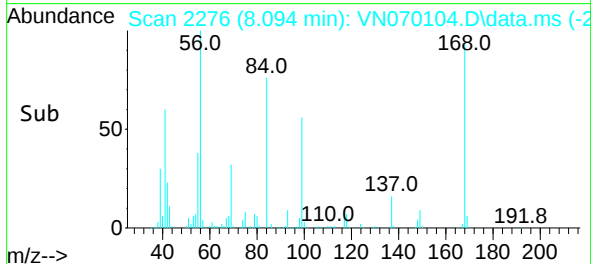
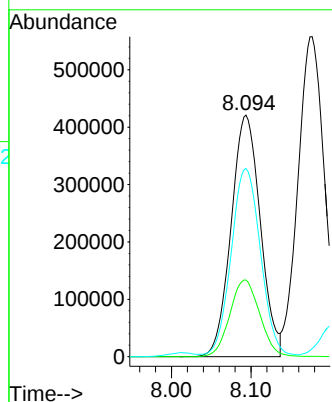
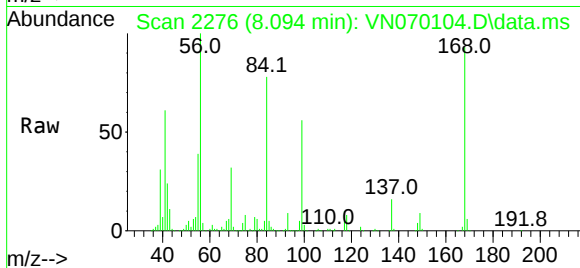
Tgt Ion: 56 Resp: 1075565

Ion Ratio Lower Upper

56 100

69 31.7 27.1 40.7

84 76.2 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 47.014 ug/l

RT: 8.011 min Scan# 2245

Delta R.T. -0.005 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

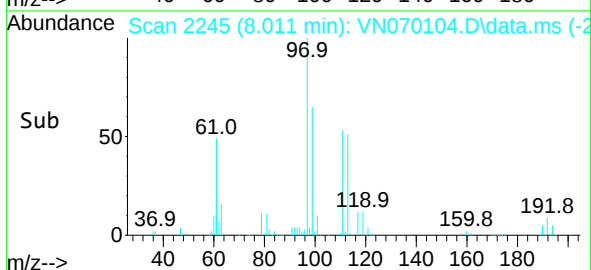
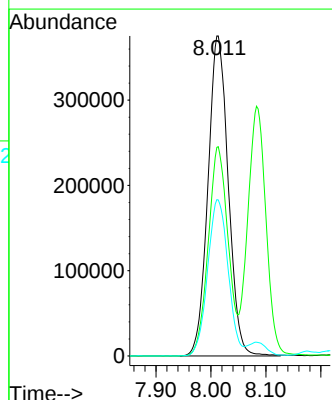
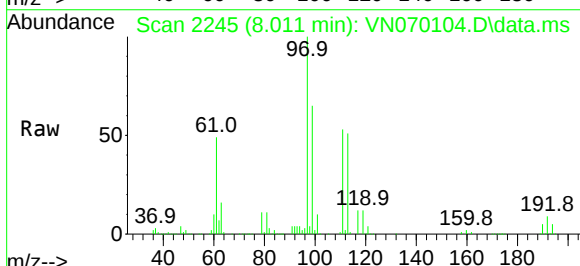
Tgt Ion: 97 Resp: 962962

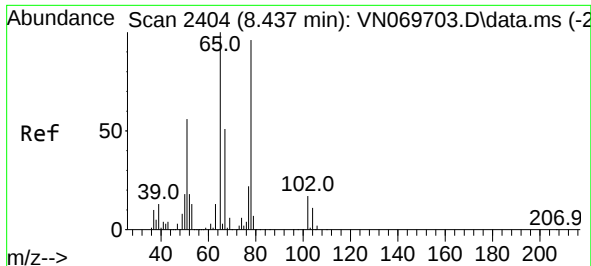
Ion Ratio Lower Upper

97 100

99 63.3 50.1 75.1

61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.855 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

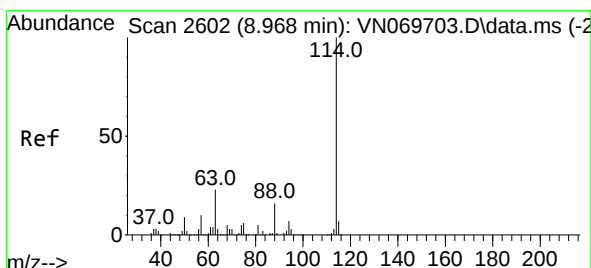
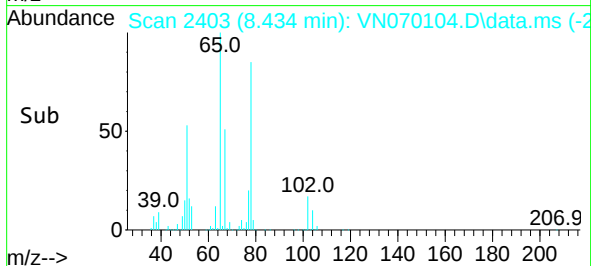
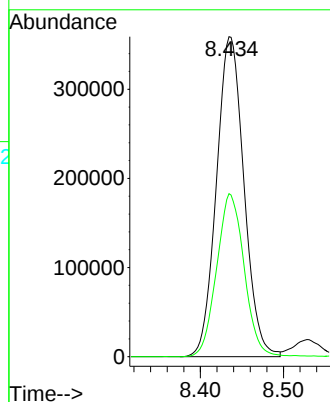
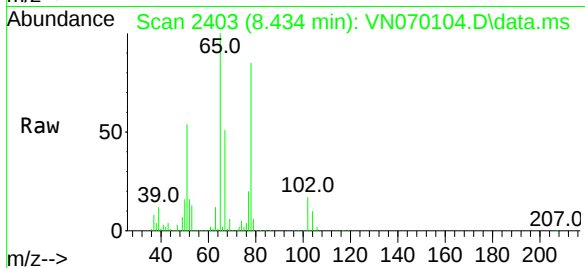
ClientSampleId :

Tgt Ion: 65 Resp: 826421

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

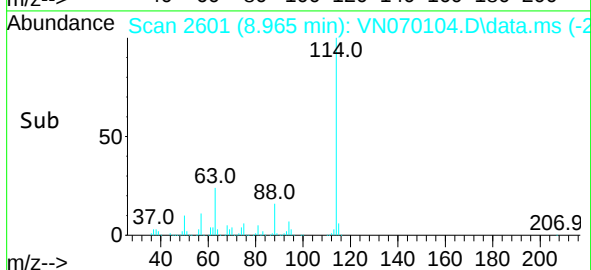
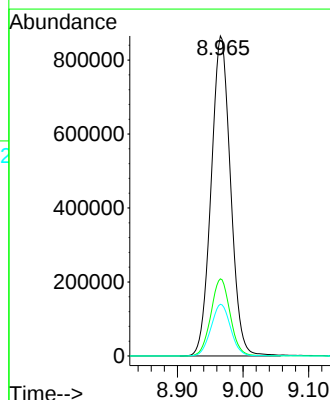
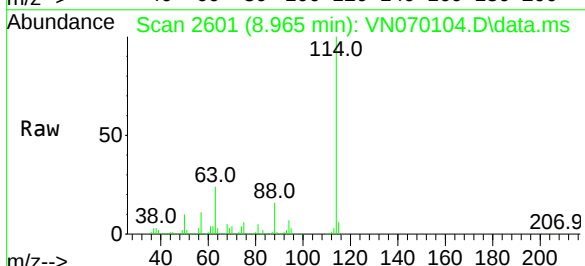
Tgt Ion: 114 Resp: 1773054

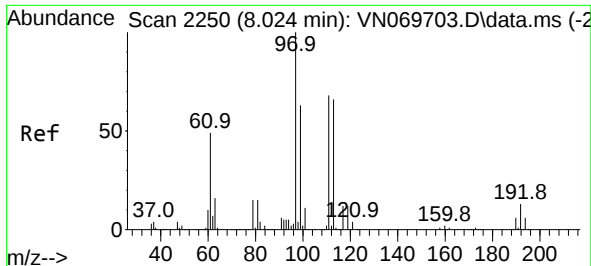
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

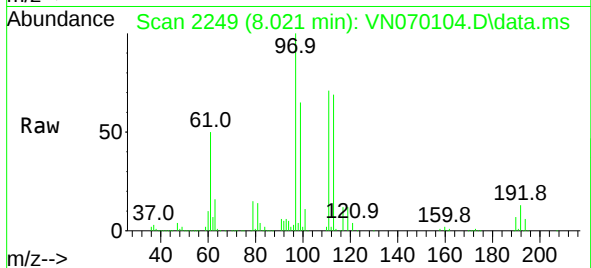
88 16.2 0.0 27.4



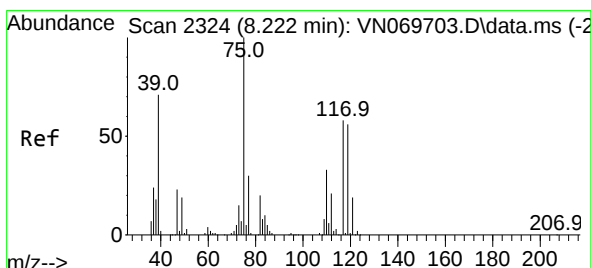
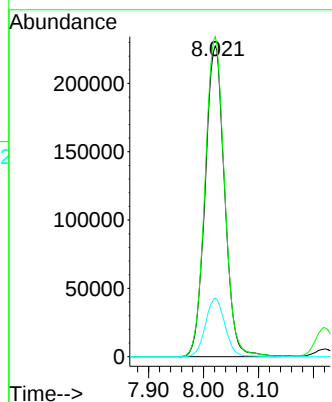
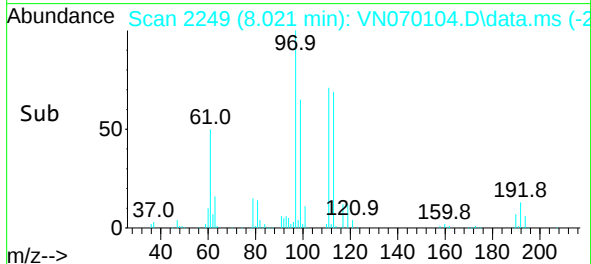


#35
 Dibromofluoromethane
 Concen: 50.454 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53

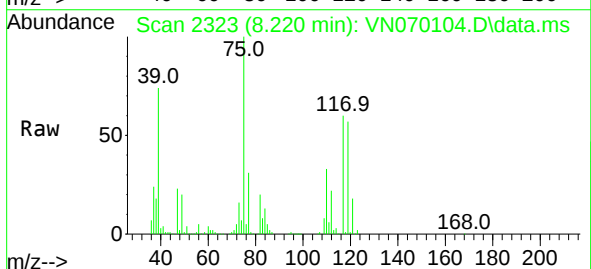
Instrument :
 MSVOA_N
 ClientSampleId :



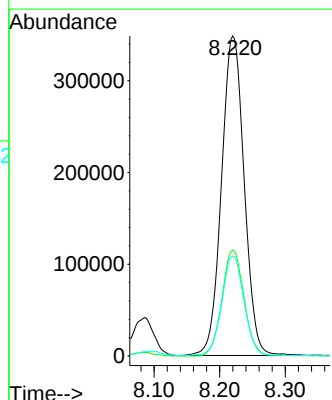
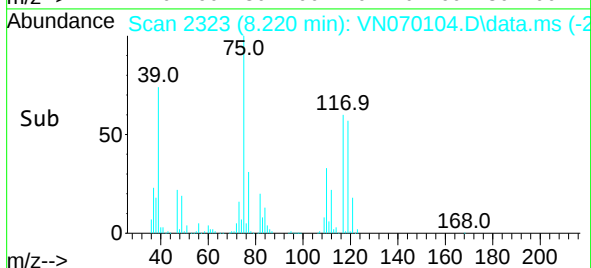
Tgt Ion:113 Resp: 560347
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 18.8 16.9 25.3

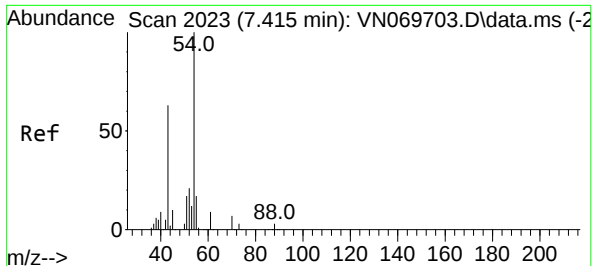


#36
 1,1-Dichloropropene
 Concen: 49.494 ug/l
 RT: 8.220 min Scan# 2323
 Delta R.T. -0.003 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53



Tgt Ion: 75 Resp: 835405
 Ion Ratio Lower Upper
 75 100
 110 32.3 18.4 55.2
 77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 44.763 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

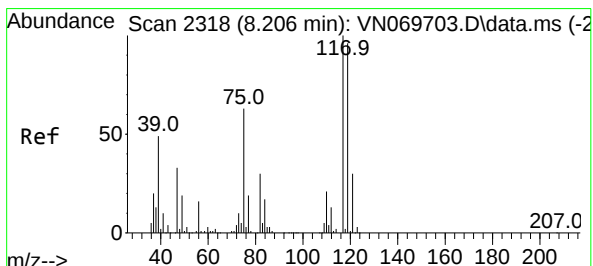
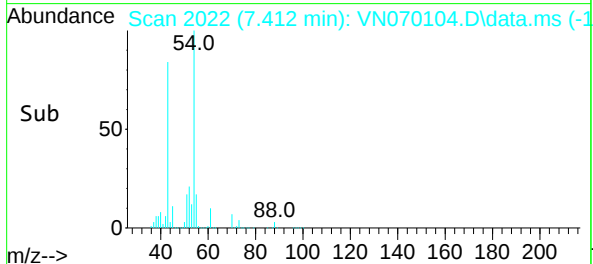
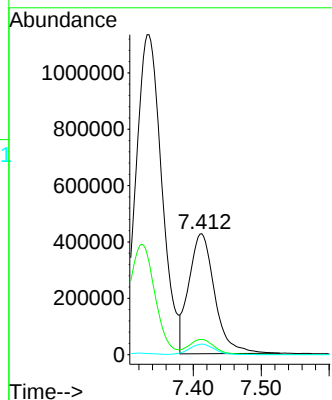
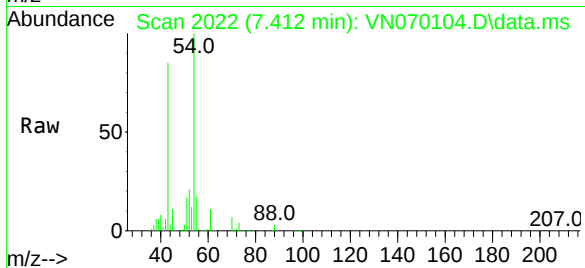
Tgt Ion: 43 Resp: 1124548

Ion Ratio Lower Upper

43 100

61 12.2 11.5 17.3

70 8.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 47.070 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

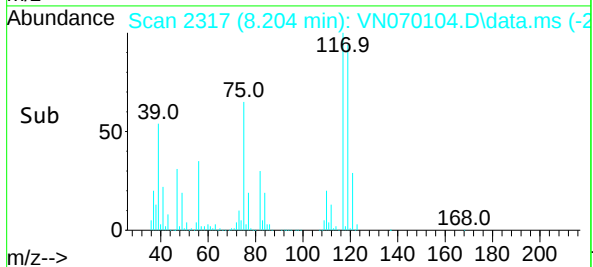
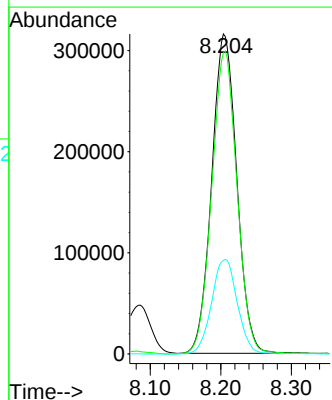
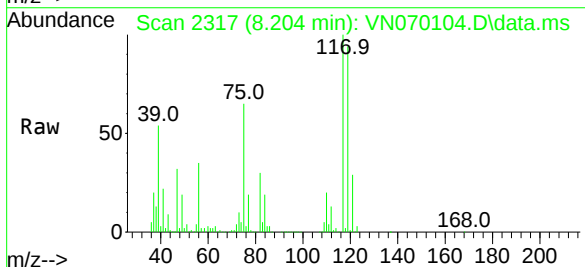
Tgt Ion: 117 Resp: 779103

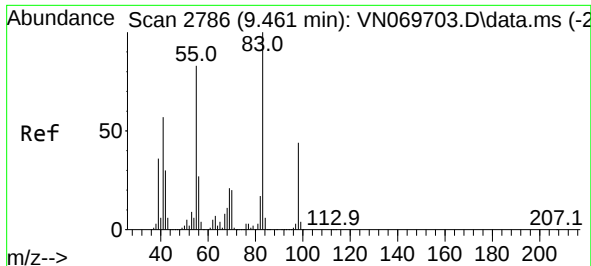
Ion Ratio Lower Upper

117 100

119 94.2 76.1 114.1

121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 49.919 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

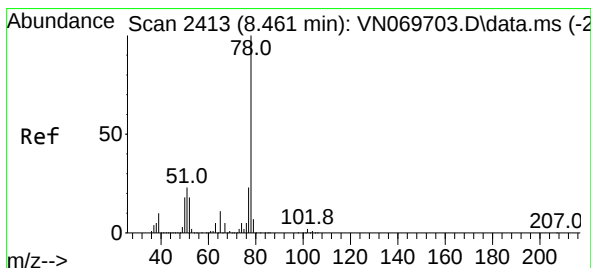
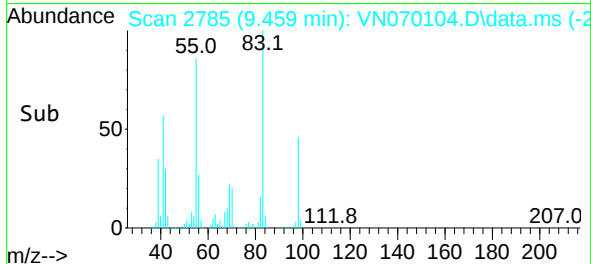
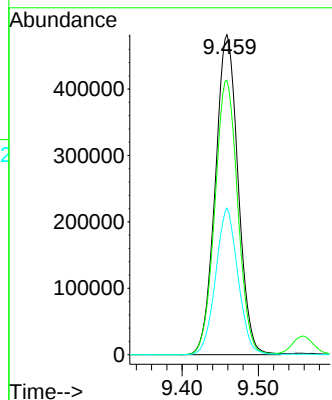
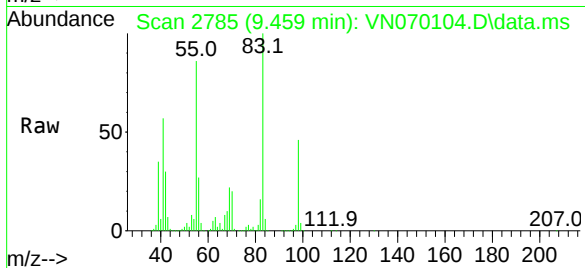
Tgt Ion: 83 Resp: 1002230

Ion Ratio Lower Upper

83 100

55 85.8 58.1 87.1

98 45.8 38.4 57.6



#40

Benzene

Concen: 48.788 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN070104.D

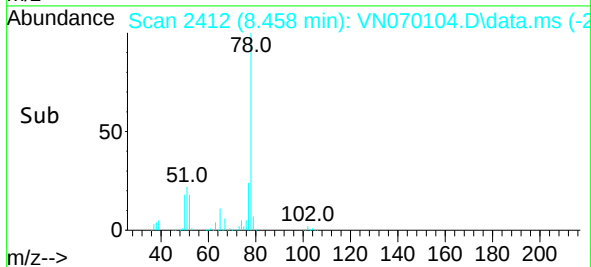
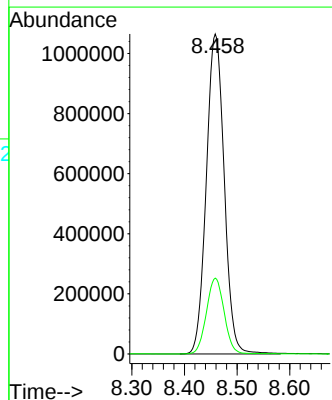
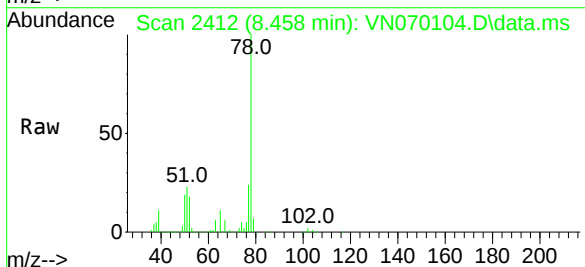
Acq: 15 Dec 2021 10:53

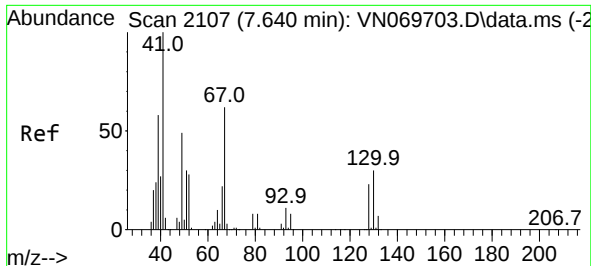
Tgt Ion: 78 Resp: 2517102

Ion Ratio Lower Upper

78 100

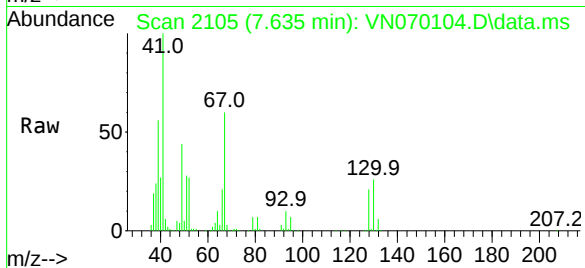
77 23.7 18.6 27.8



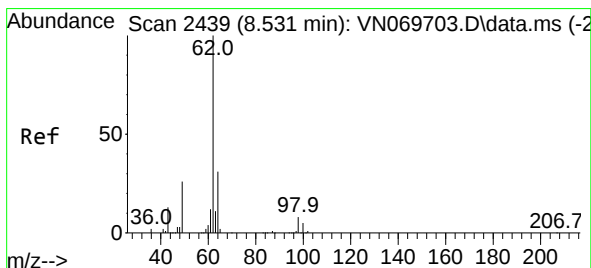
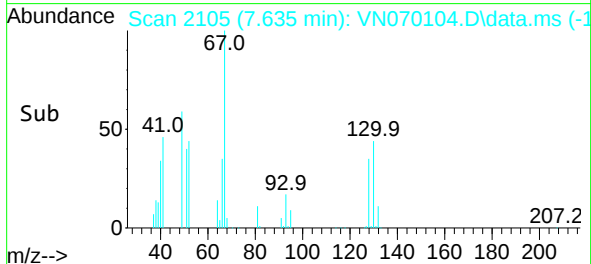
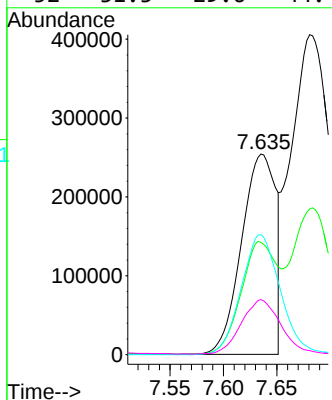


#41
Methacrylonitrile
Concen: 47.745 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

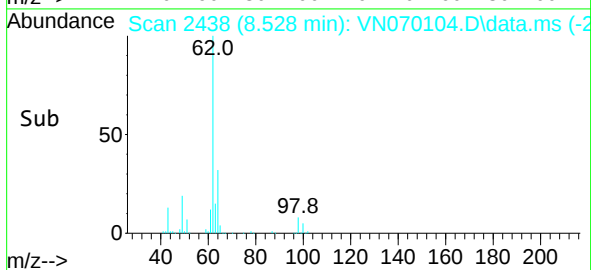
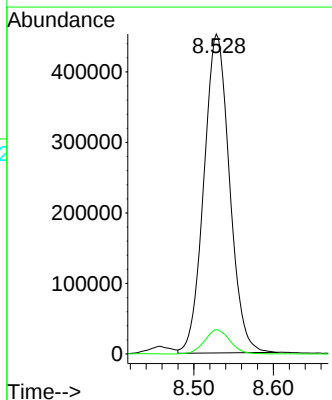
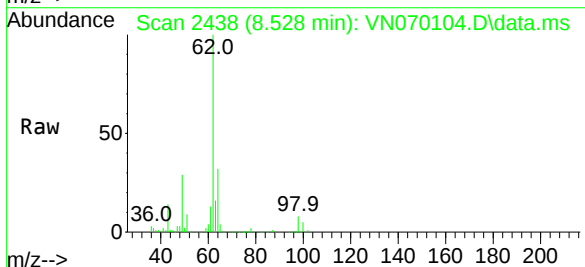


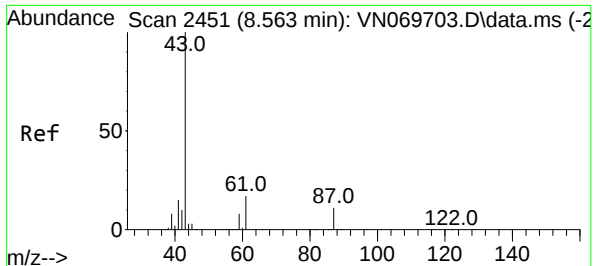
Tgt Ion: 41 Resp: 563068
Ion Ratio Lower Upper
41 100
39 59.1 48.1 72.1
67 69.9 68.3 102.5
52 31.3 29.6 44.4



#42
1,2-Dichloroethane
Concen: 48.725 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

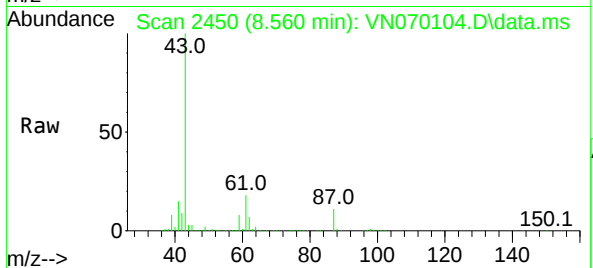
Tgt Ion: 62 Resp: 1014777
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6



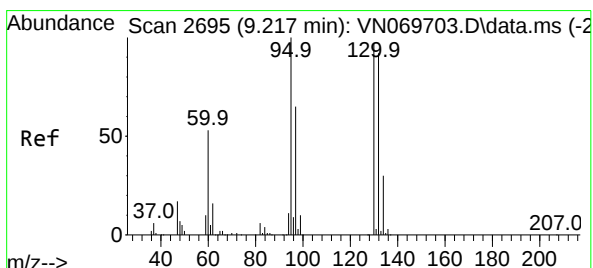
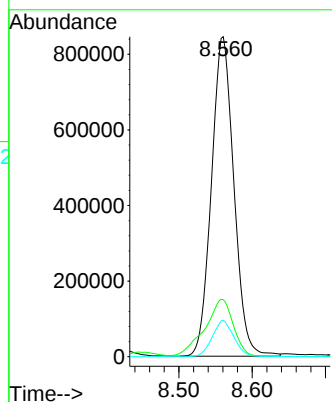
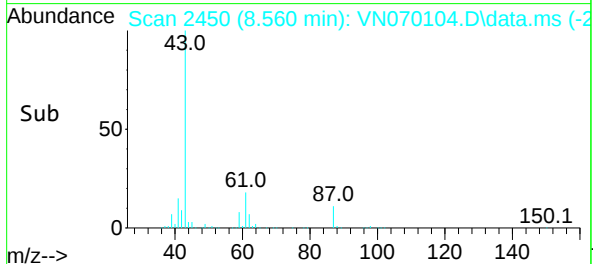


#43
Isopropyl Acetate
Concen: 48.374 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

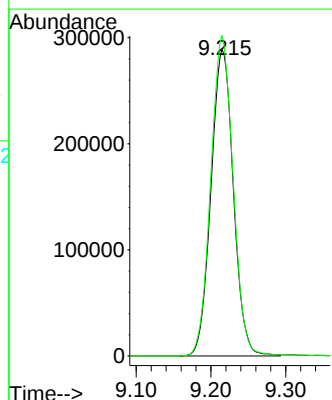
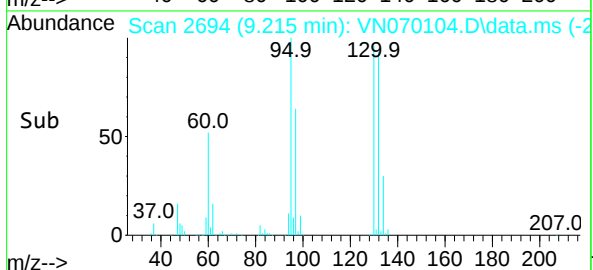
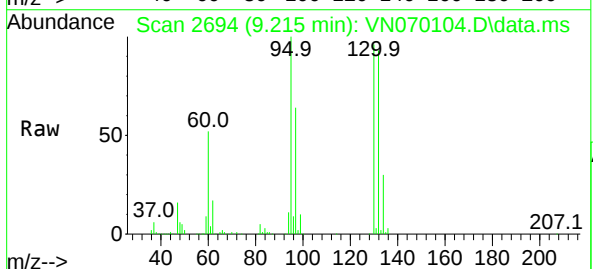


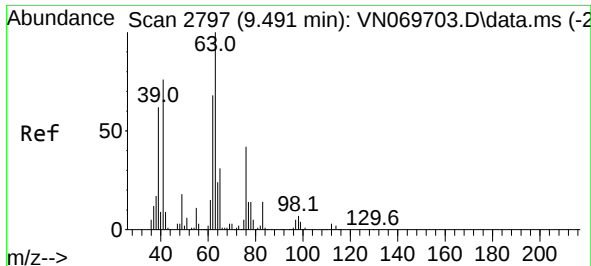
Tgt Ion: 43 Resp: 1798376
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 11.0 11.2 16.8#



#44
Trichloroethene
Concen: 48.665 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:130 Resp: 599257
Ion Ratio Lower Upper
130 100
95 104.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.255 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

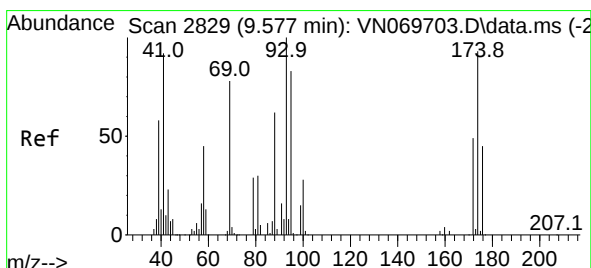
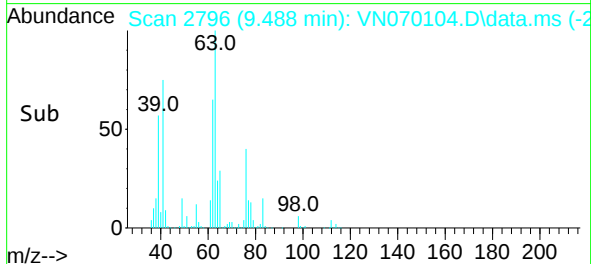
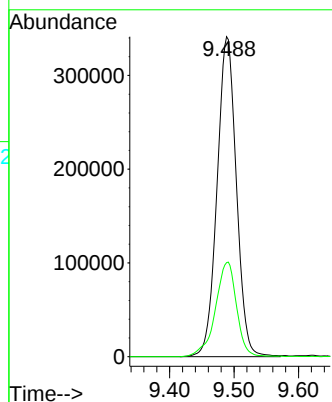
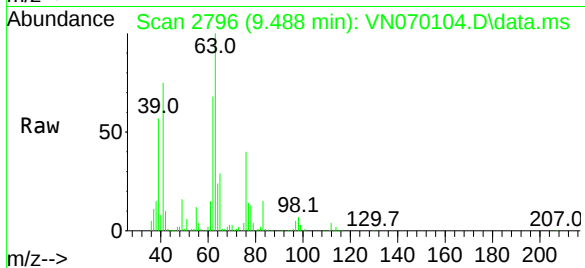
ClientSampleId :

Tgt Ion: 63 Resp: 710110

Ion Ratio Lower Upper

63 100

65 29.4 24.7 37.1



#46

Dibromomethane

Concen: 48.333 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

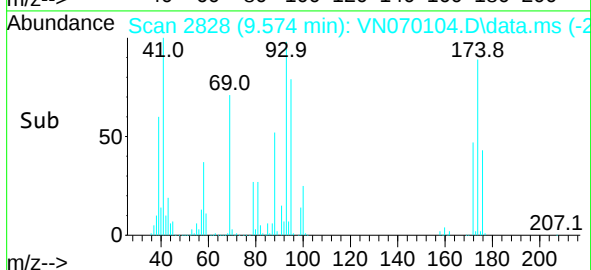
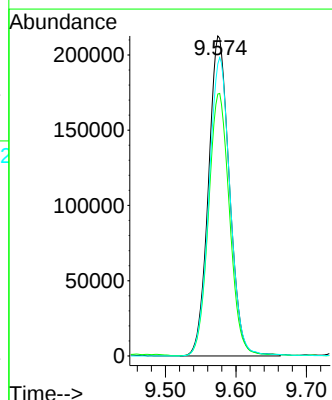
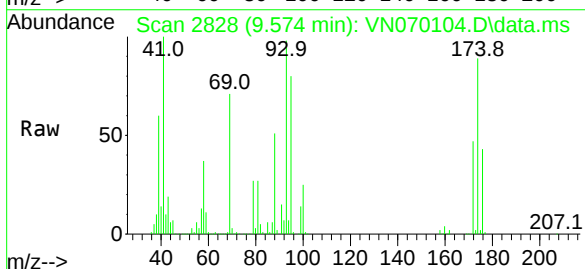
Tgt Ion: 93 Resp: 439160

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 94.2 84.6 127.0

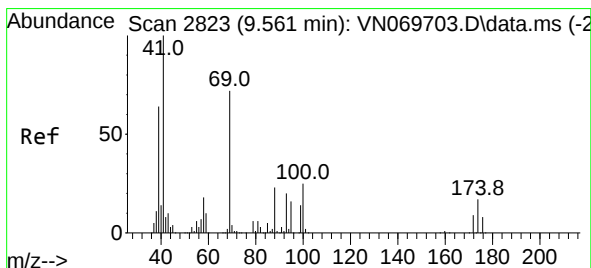
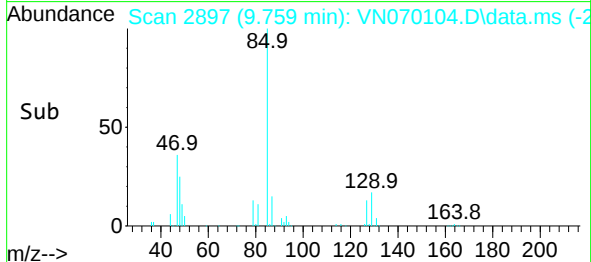
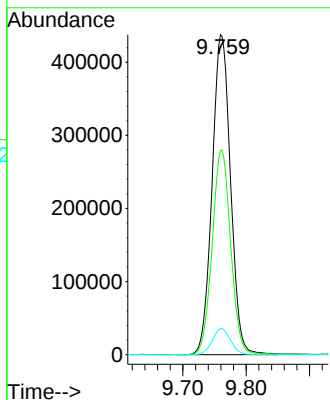
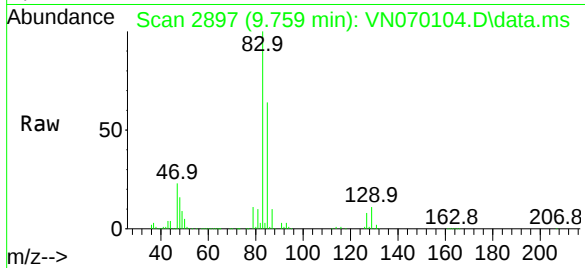




#47
Bromodichloromethane
Concen: 51.512 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

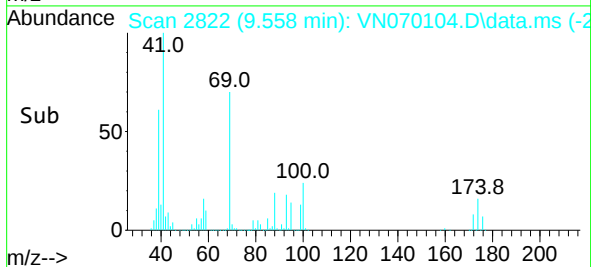
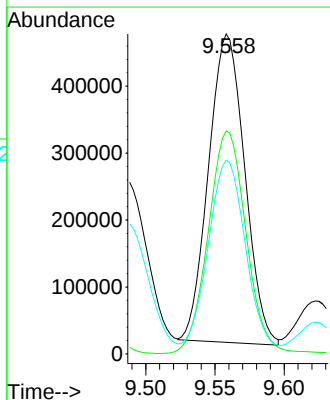
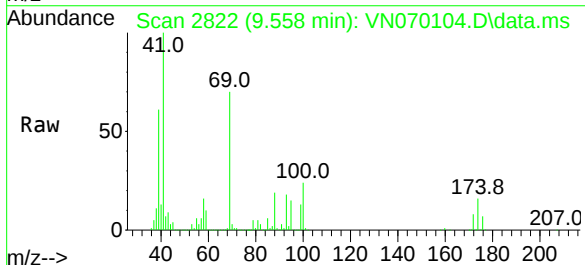
Instrument :
MSVOA_N
ClientSampleId :

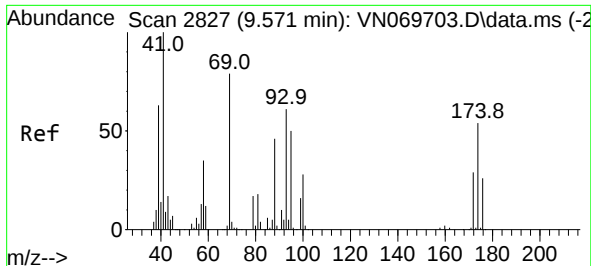
Tgt Ion: 83 Resp: 886176
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 48.166 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 41 Resp: 835655
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 65.9 58.4 87.6





#49

1,4-Dioxane

Concen: 827.466 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

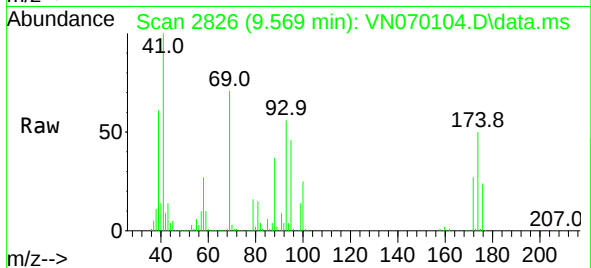
Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :



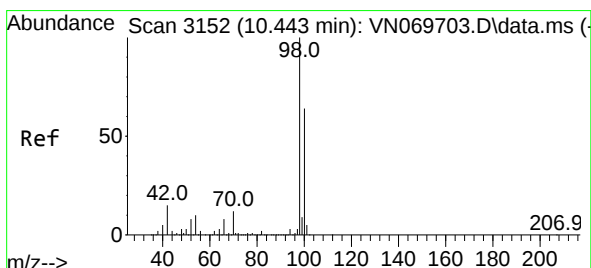
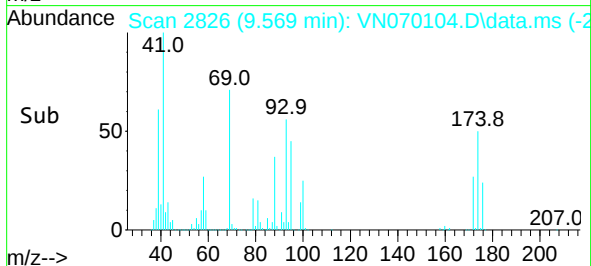
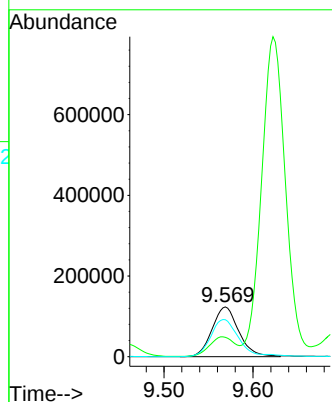
Tgt Ion: 88 Resp: 257592

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2#

58 76.1 50.6 75.8#



#50

Toluene-d8

Concen: 49.535 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070104.D

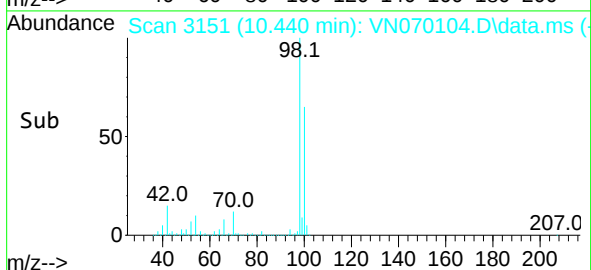
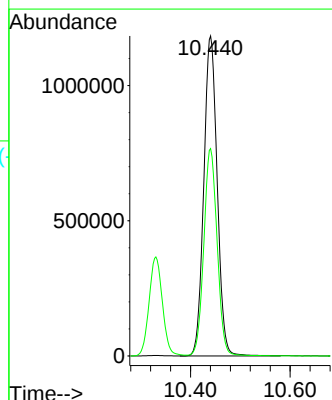
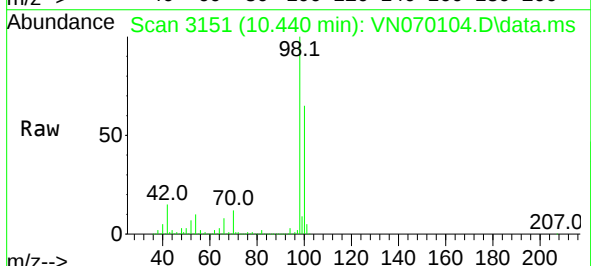
Acq: 15 Dec 2021 10:53

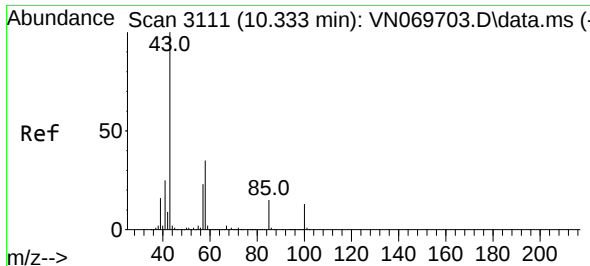
Tgt Ion: 98 Resp: 2208997

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 240.733 ug/l

RT: 10.330 min Scan# 3111

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

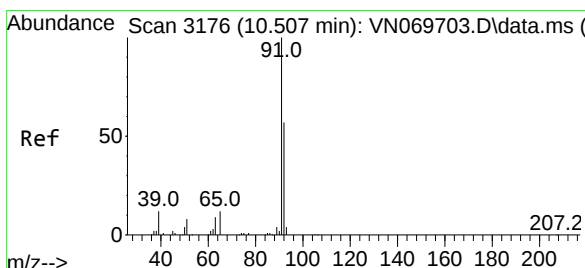
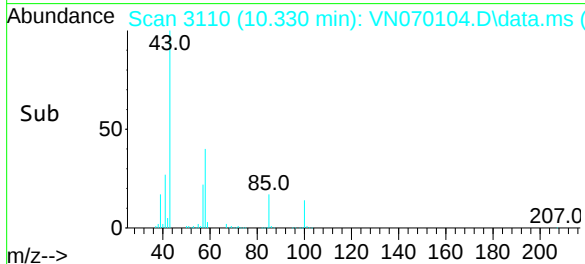
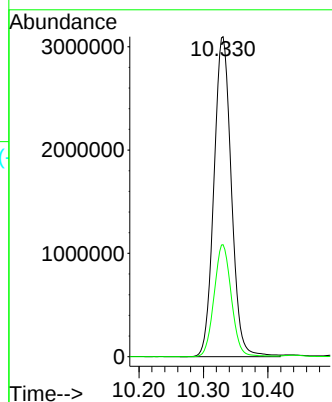
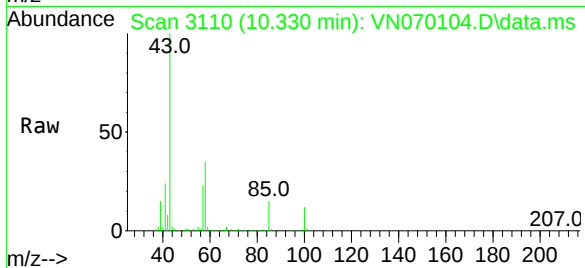
ClientSampleId :

Tgt Ion: 43 Resp: 5805883

Ion Ratio Lower Upper

43 100

58 34.8 30.4 45.6



#52

Toluene

Concen: 49.551 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN070104.D

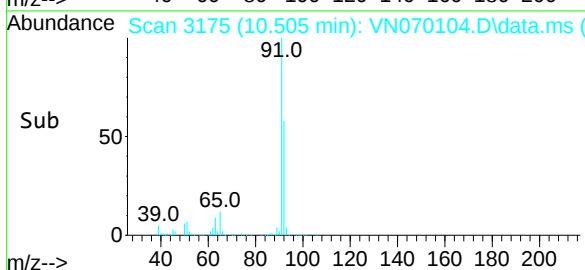
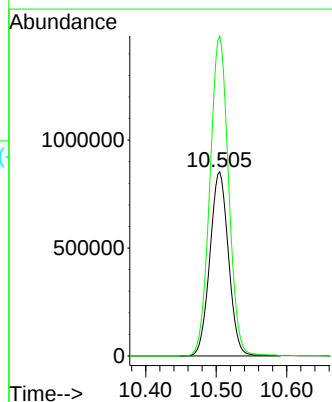
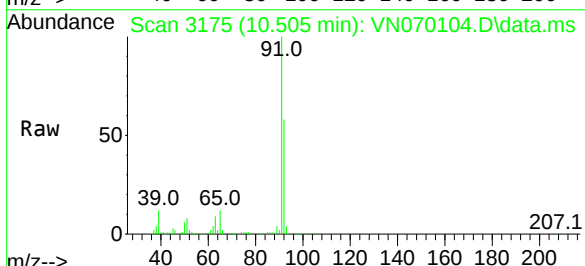
Acq: 15 Dec 2021 10:53

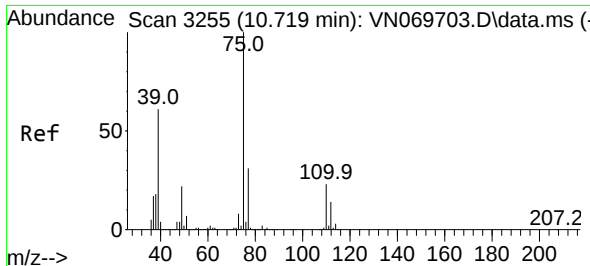
Tgt Ion: 92 Resp: 1560761

Ion Ratio Lower Upper

92 100

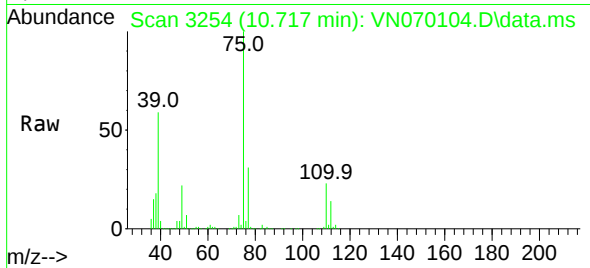
91 174.8 142.0 213.0



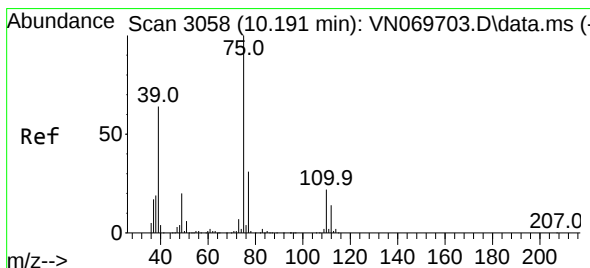
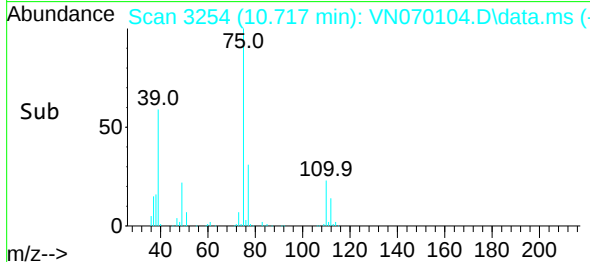
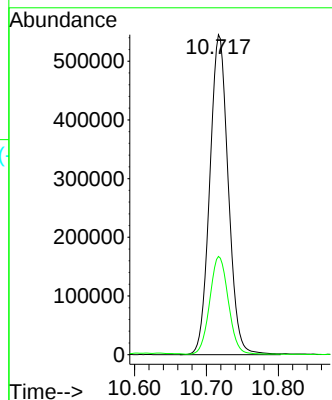


#53
t-1,3-Dichloropropene
Concen: 47.206 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

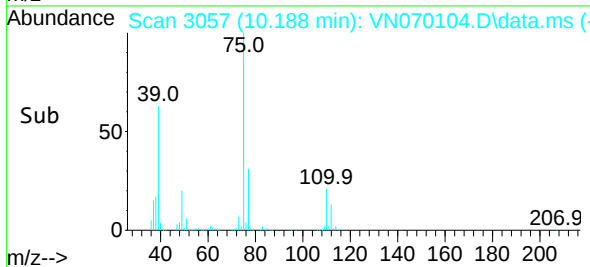
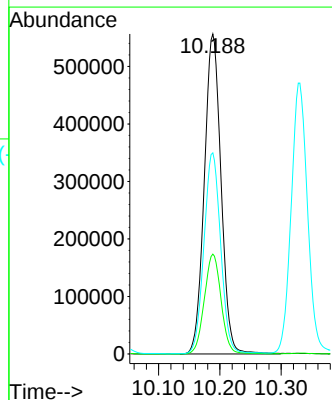
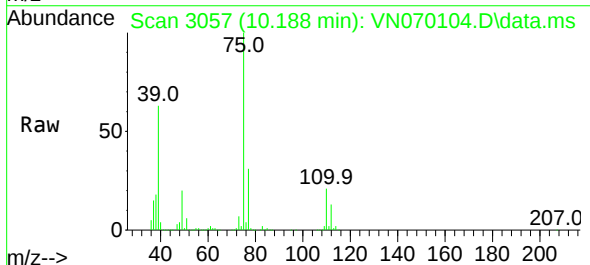


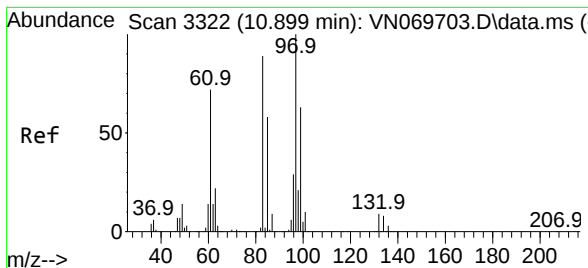
Tgt Ion: 75 Resp: 973468
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 48.746 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 75 Resp: 1057561
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 62.7 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 49.841 ug/l

RT: 10.896 min Scan# 31

Delta R.T. -0.003 min

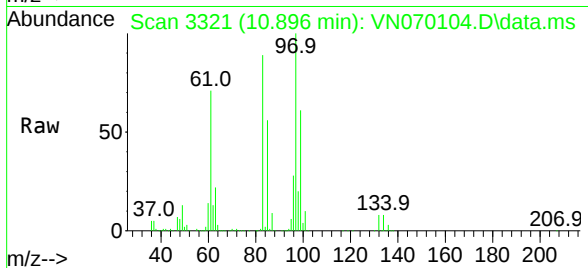
Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 633423

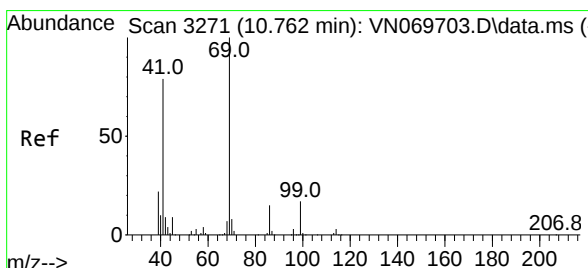
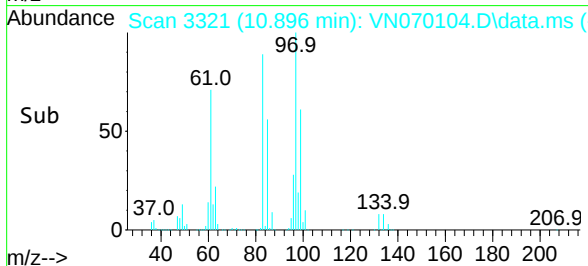
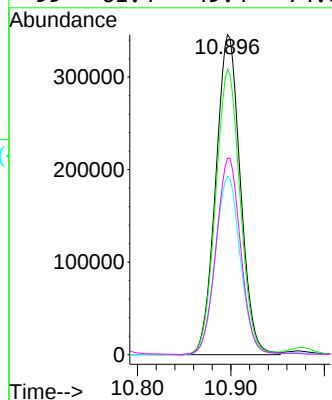
Ion Ratio Lower Upper

97 100

83 89.2 67.8 101.6

85 55.6 45.4 68.2

99 61.4 49.4 74.0



#56

Ethyl methacrylate

Concen: 45.512 ug/l

RT: 10.760 min Scan# 3270

Delta R.T. -0.002 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

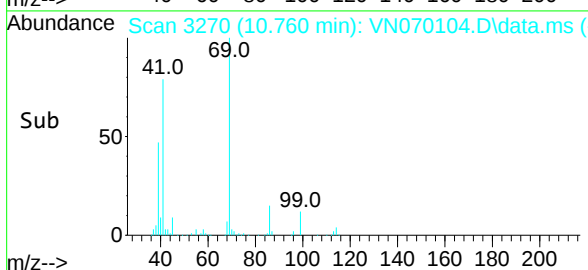
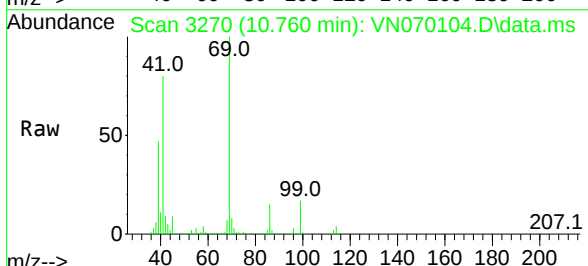
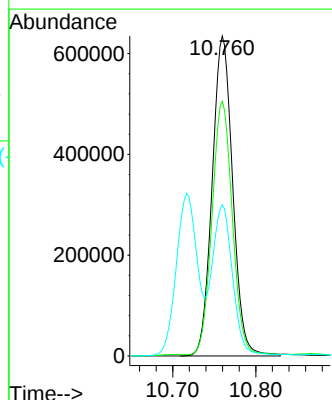
Tgt Ion: 69 Resp: 1086226

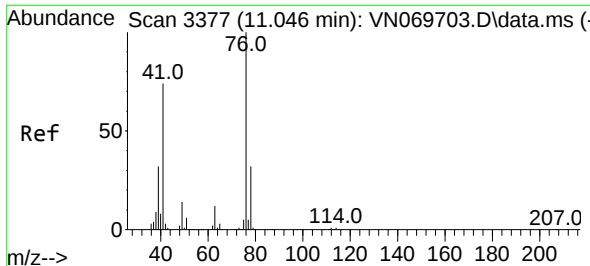
Ion Ratio Lower Upper

69 100

41 78.4 51.4 77.0#

39 45.0 34.6 52.0

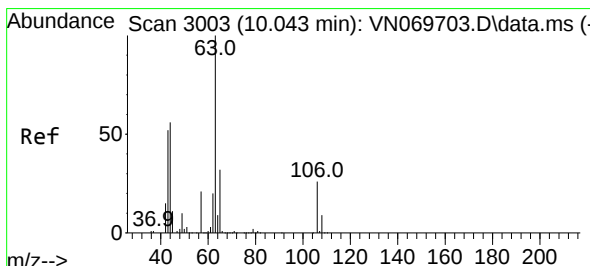
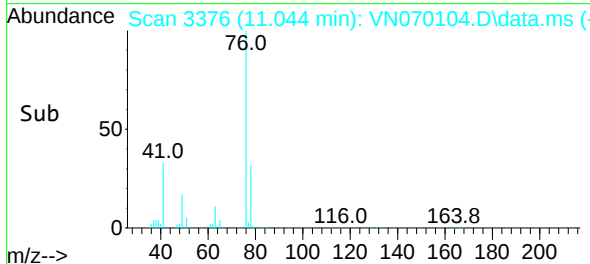
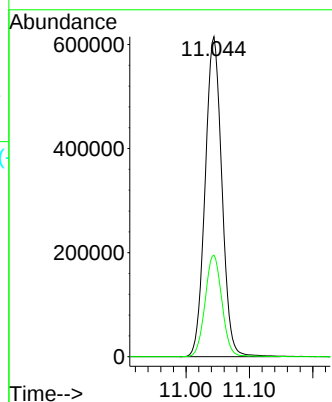
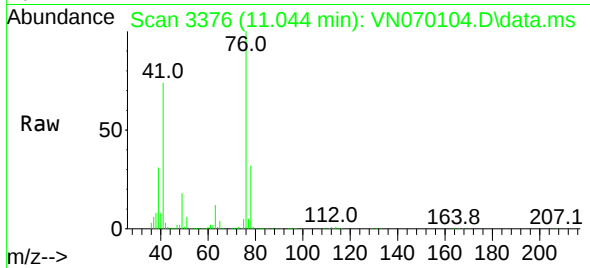




#57
1,3-Dichloropropane
Concen: 50.389 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

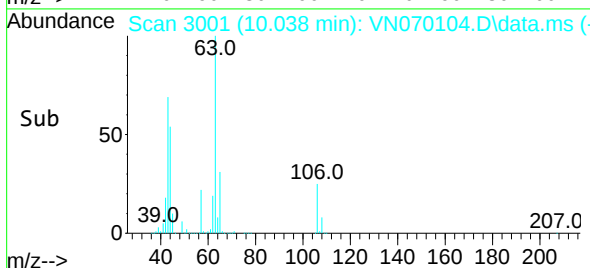
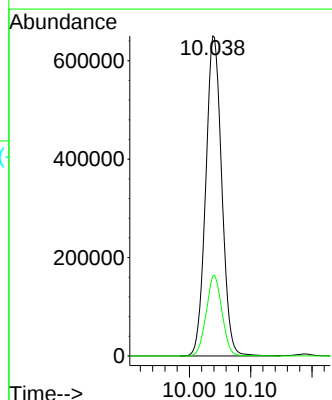
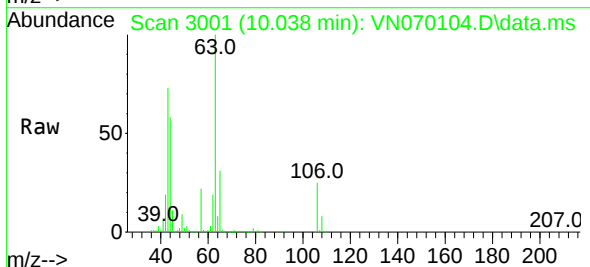
Instrument :
MSVOA_N
ClientSampleId :

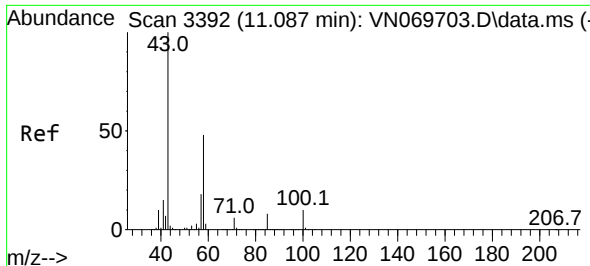
Tgt Ion: 76 Resp: 1127579
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 186.979 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 63 Resp: 1178398
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9

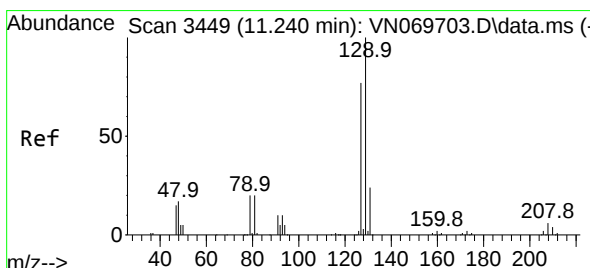
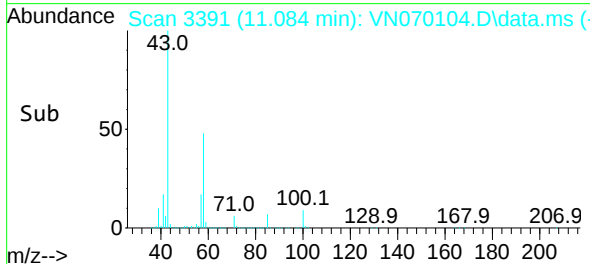
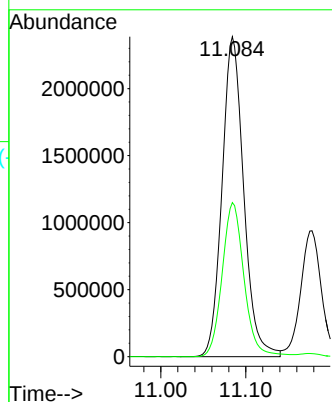
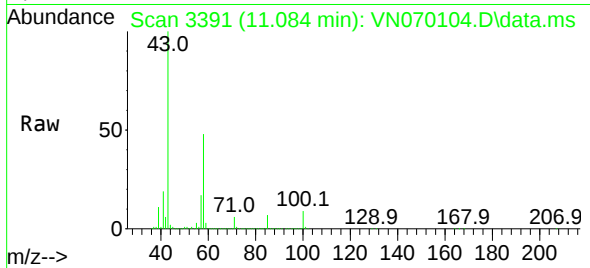




#59
2-Hexanone
Concen: 231.869 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

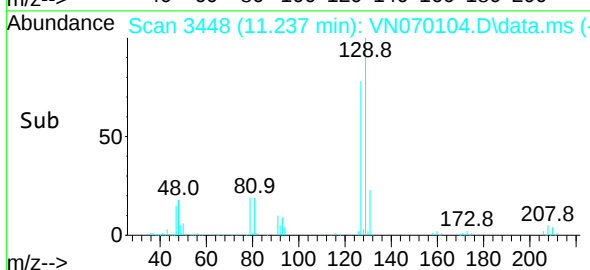
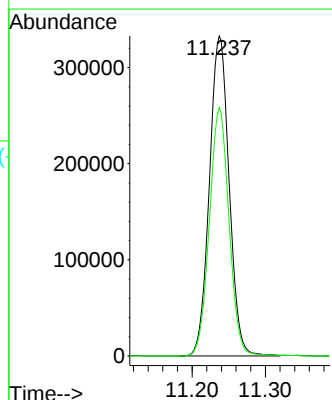
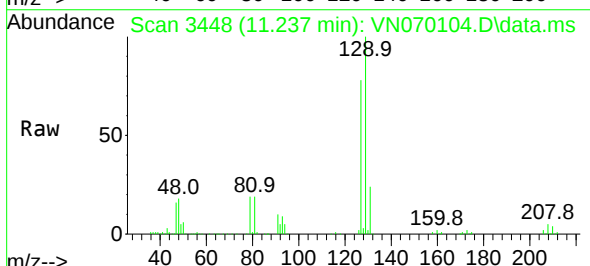
Instrument :
MSVOA_N
ClientSampleId :

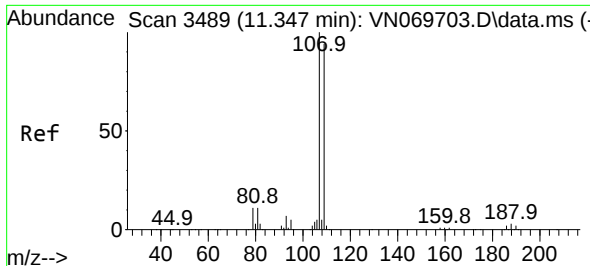
Tgt Ion: 43 Resp: 4230252
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7



#60
Dibromochloromethane
Concen: 45.929 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:129 Resp: 622652
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

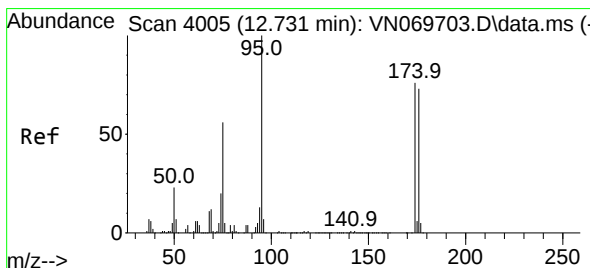
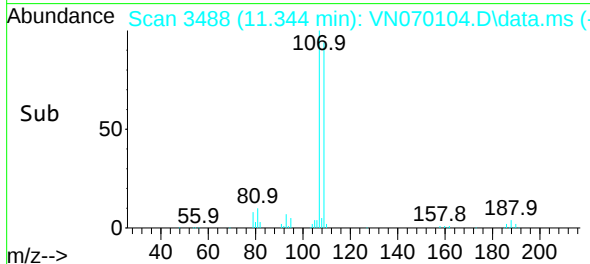
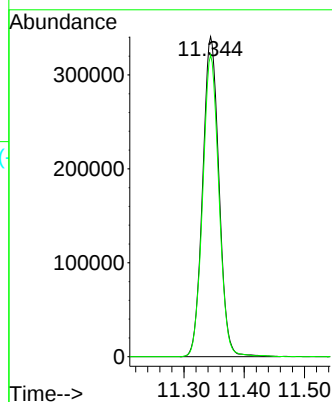
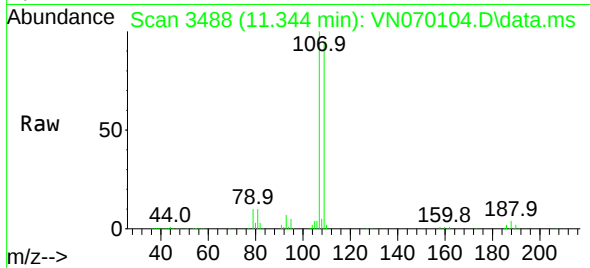




#61
1,2-Dibromoethane
Concen: 48.583 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

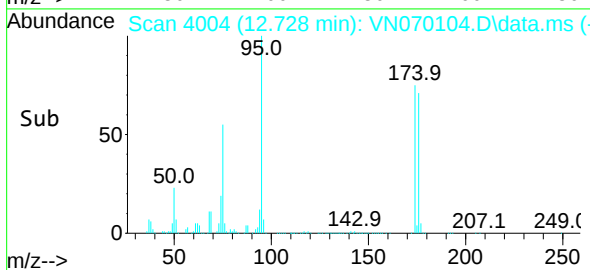
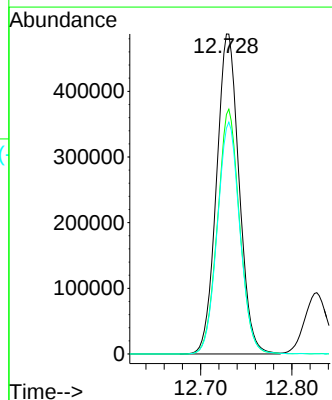
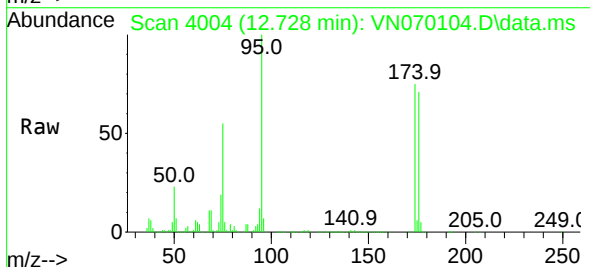
Instrument :
MSVOA_N
ClientSampleId :

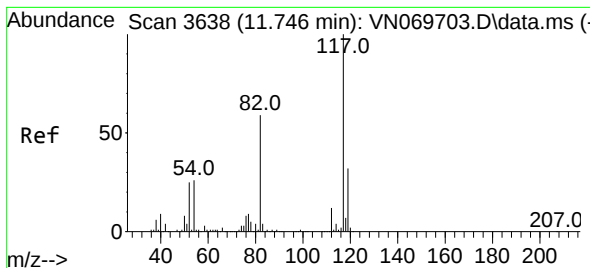
Tgt Ion:107 Resp: 639517
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 51.806 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 95 Resp: 836953
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

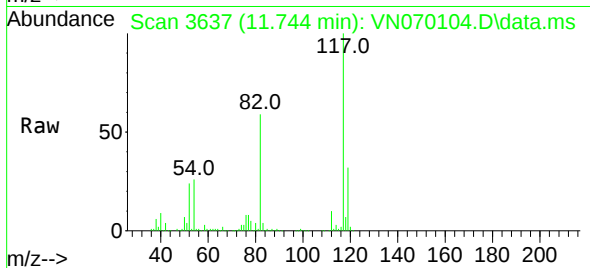
Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :



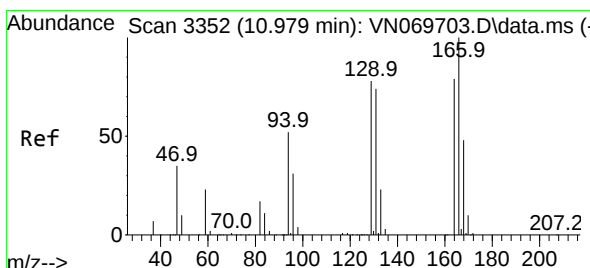
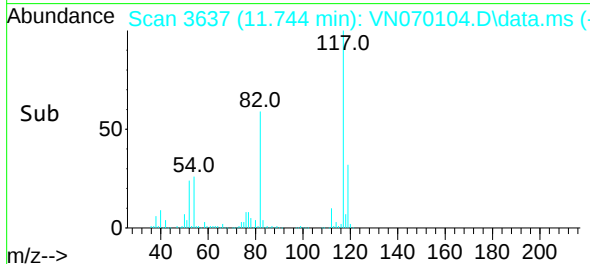
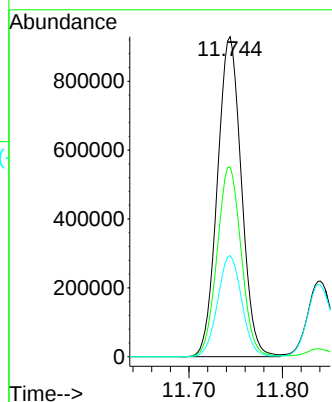
Tgt Ion:117 Resp: 1657940

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 47.818 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Tgt Ion:164 Resp: 537569

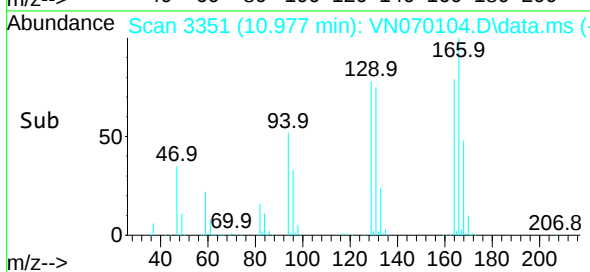
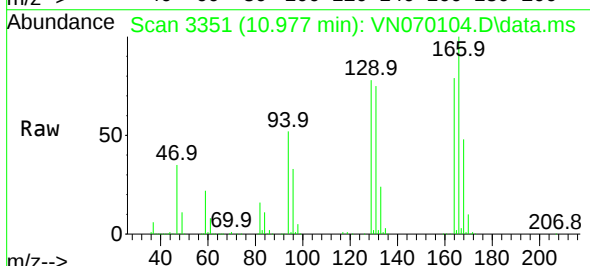
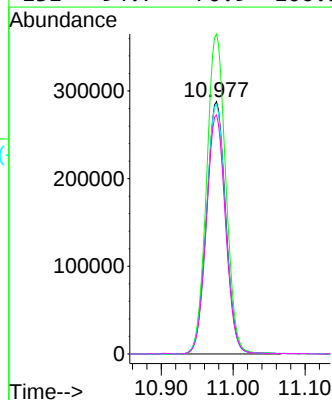
Ion Ratio Lower Upper

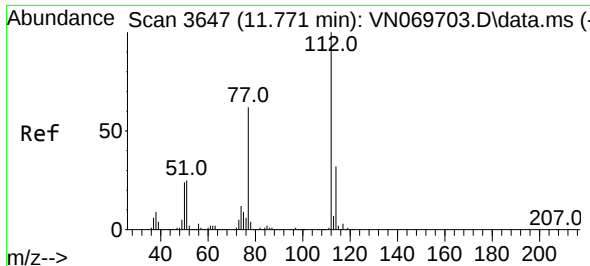
164 100

166 126.8 101.9 152.9

129 98.9 72.0 108.0

131 94.7 70.9 106.3

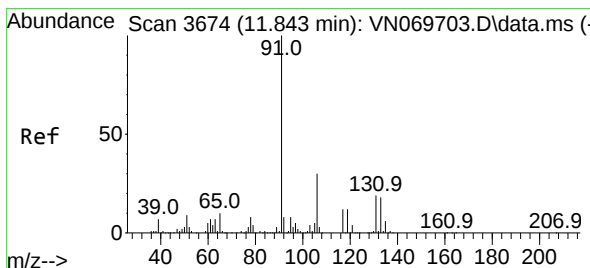
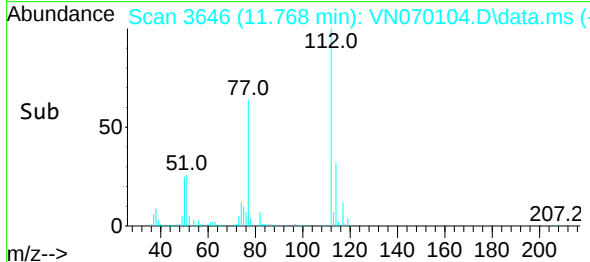
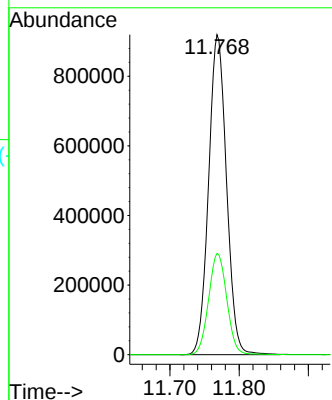
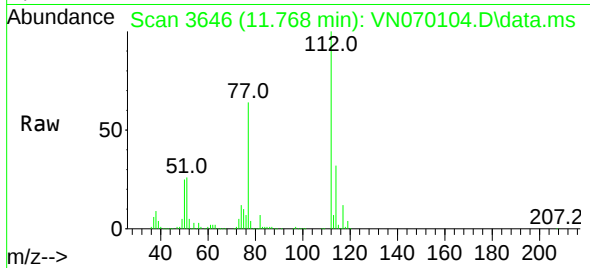




#65
Chlorobenzene
Concen: 49.020 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

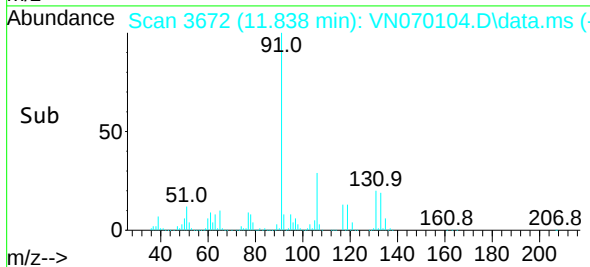
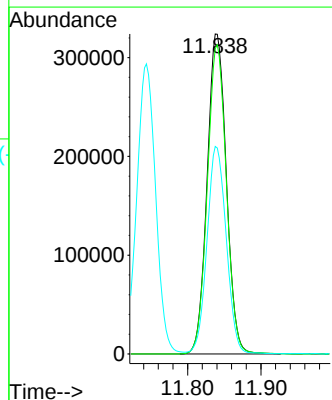
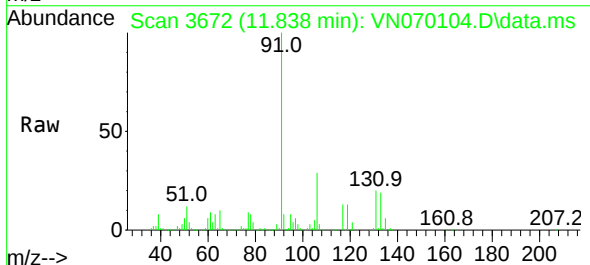
Instrument :
MSVOA_N
ClientSampleId :

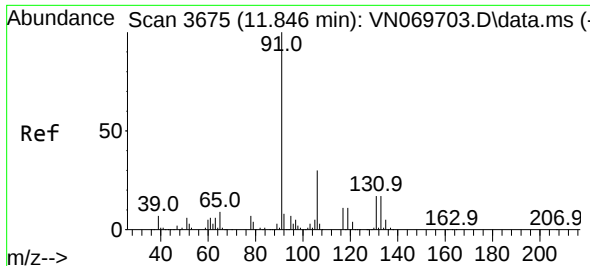
Tgt Ion:112 Resp: 1648776
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.860 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:131 Resp: 590264
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.9 32.1 96.5

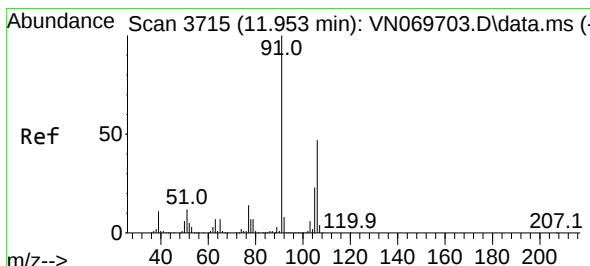
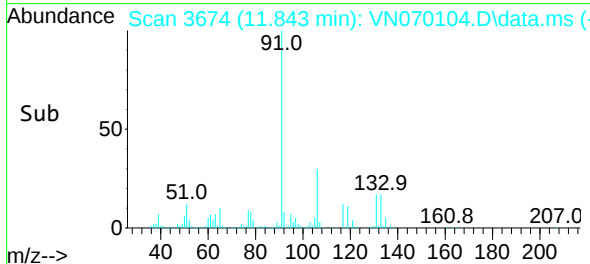
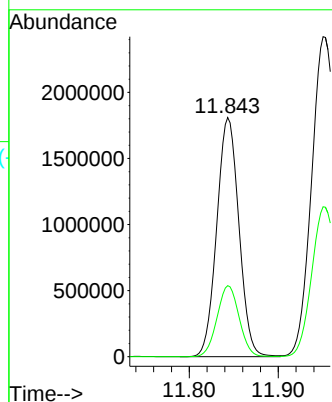
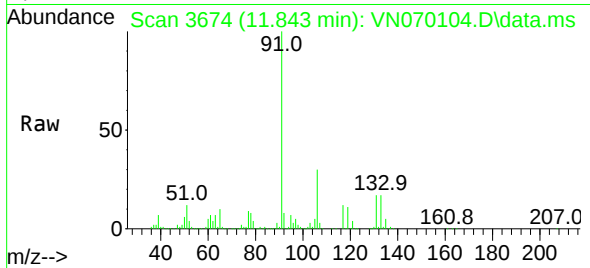




#67
Ethyl Benzene
Concen: 51.187 ug/l
RT: 11.843 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

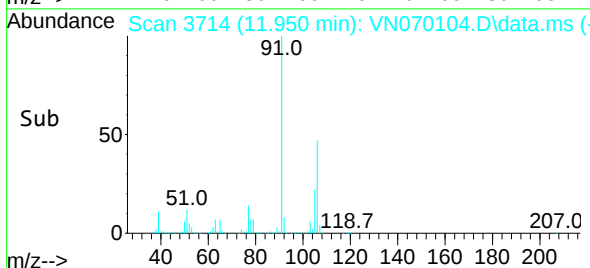
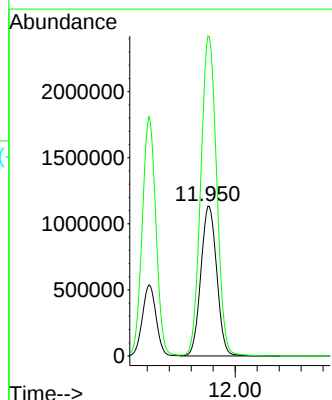
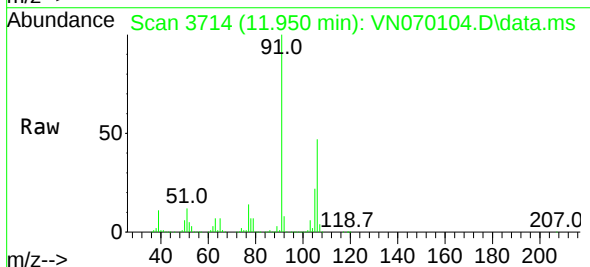
Instrument :
MSVOA_N
ClientSampleId :

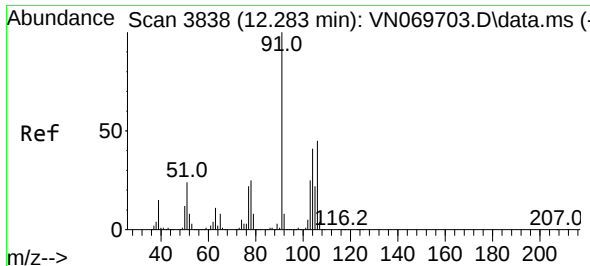
Tgt Ion: 91 Resp: 3127364
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 102.200 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:106 Resp: 2273516
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8

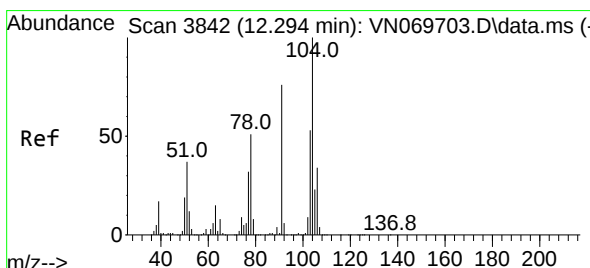
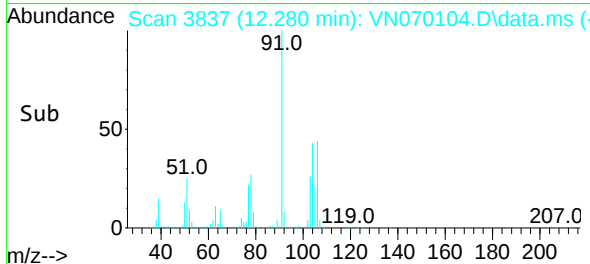
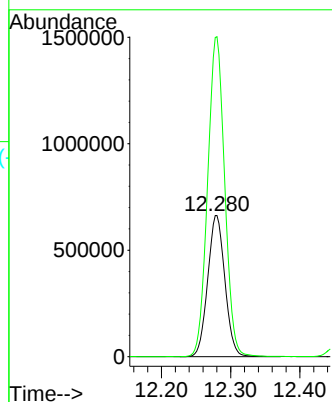
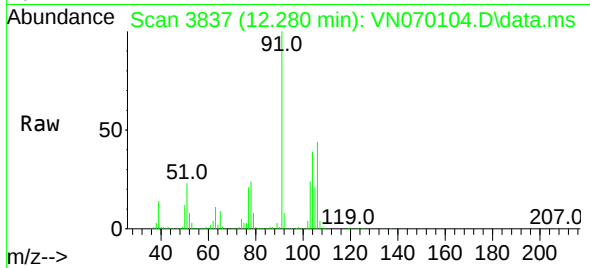




#69
o-Xylene
Concen: 50.979 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

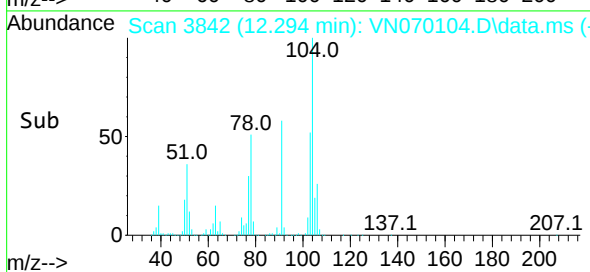
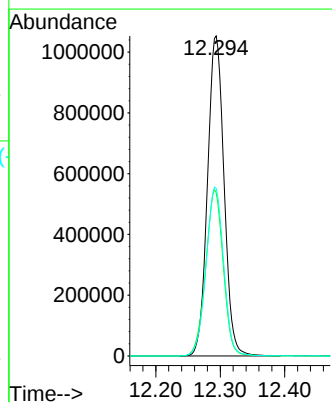
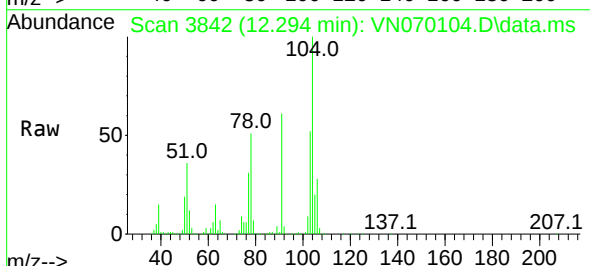
Instrument :
MSVOA_N
ClientSampleId :

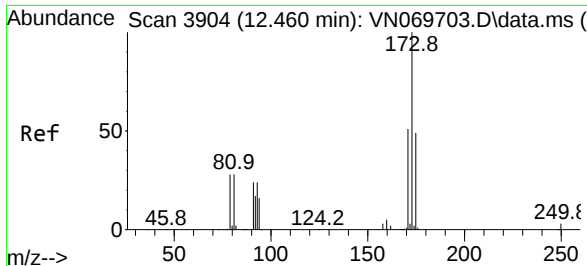
Tgt Ion:106 Resp: 1142305
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3



#70
Styrene
Concen: 52.910 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:104 Resp: 1879981
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 55.9 45.0 67.6

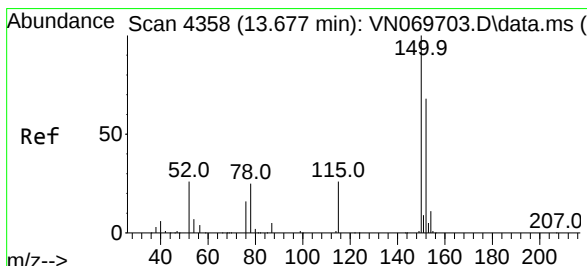
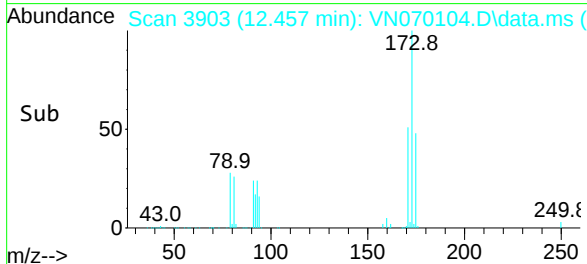
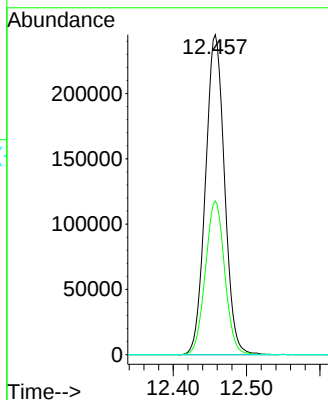
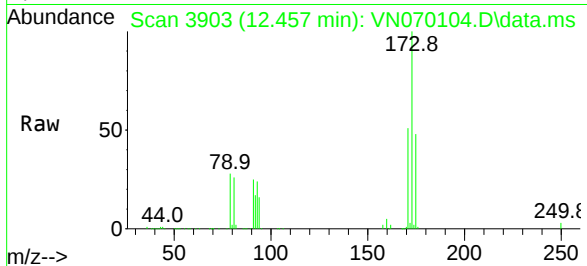




#71
Bromoform
Concen: 44.047 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

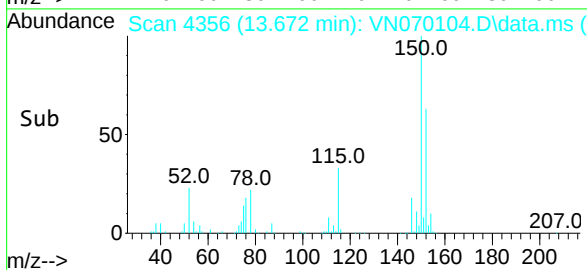
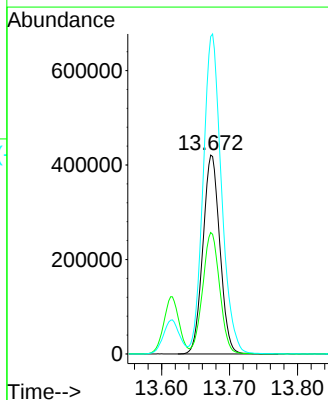
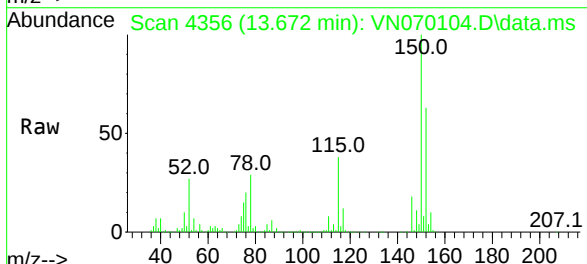
Instrument :
MSVOA_N
ClientSampleId :

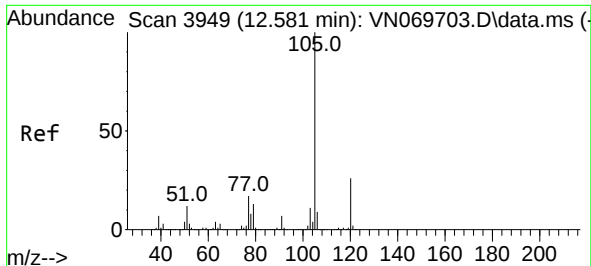
Tgt Ion:173 Resp: 442506
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:152 Resp: 729589
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 173.8 0.0 344.4

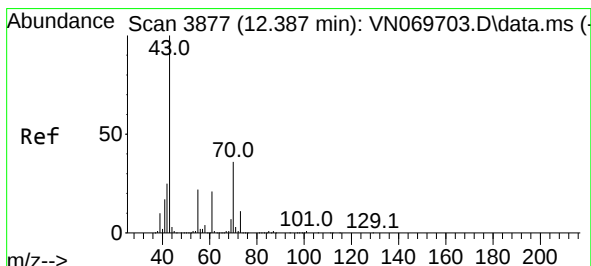
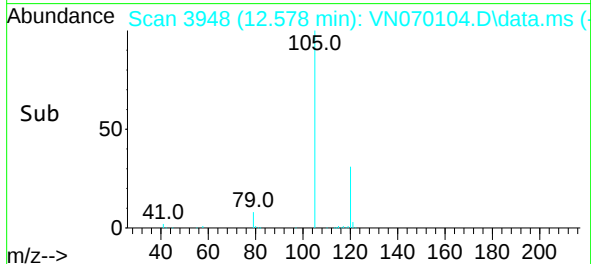
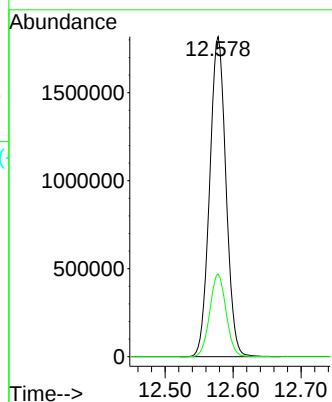
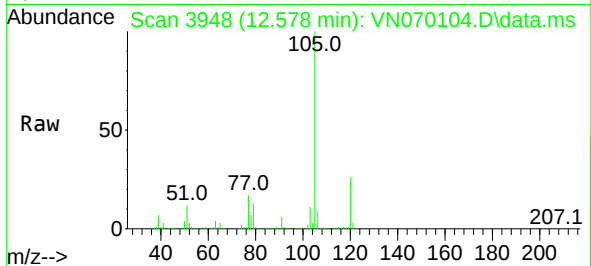




#73
Isopropylbenzene
Concen: 46.723 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

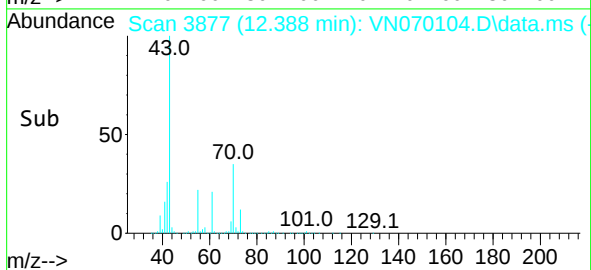
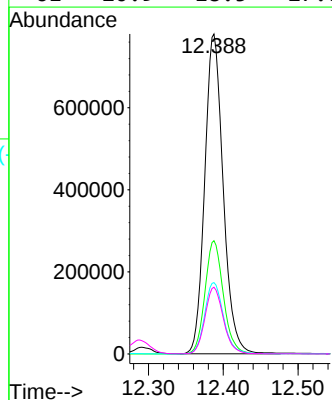
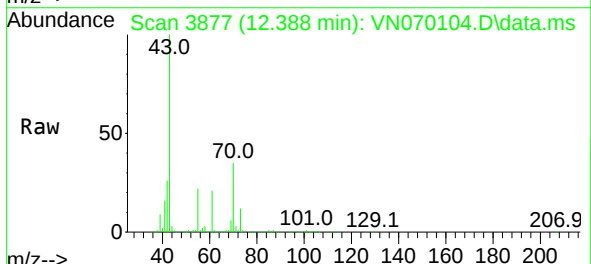
Instrument :
MSVOA_N
ClientSampleId :

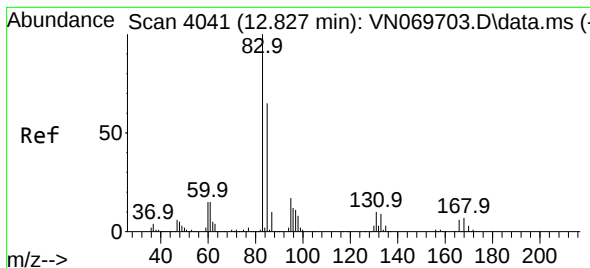
Tgt Ion:105 Resp: 3032932
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-amy1 acetate
Concen: 46.598 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 43 Resp: 1337690
Ion Ratio Lower Upper
43 100
70 35.3 33.4 50.0
55 23.0 19.3 28.9
61 20.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 43.804 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

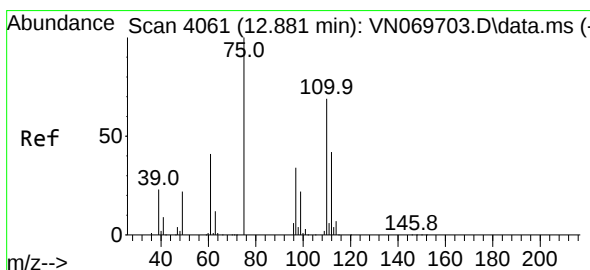
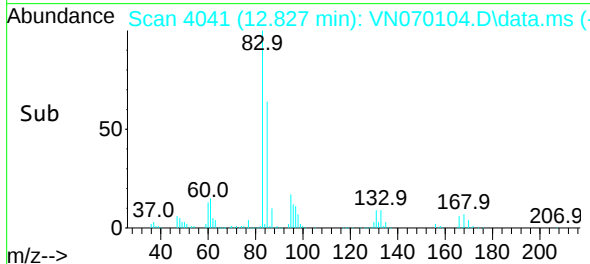
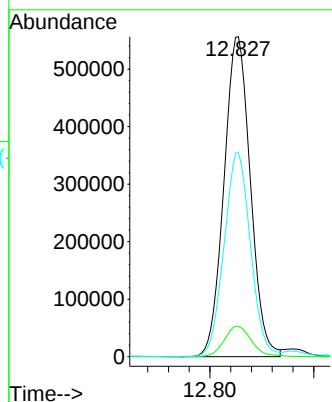
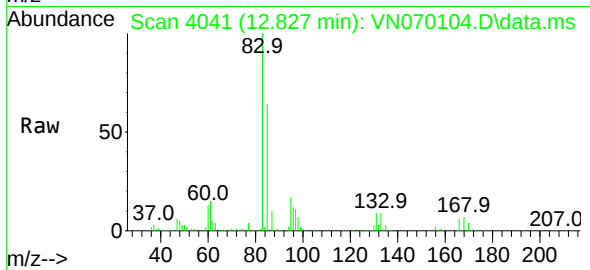
Tgt Ion: 83 Resp: 983277

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.5

85 63.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 58.173 ug/l

RT: 12.878 min Scan# 4060

Delta R.T. -0.003 min

Lab File: VN070104.D

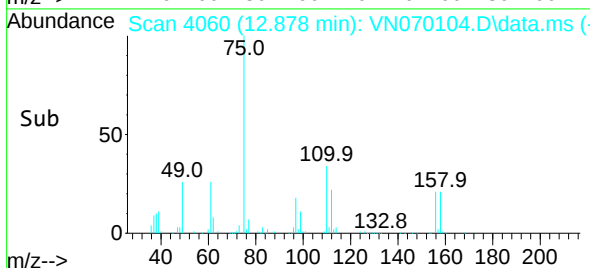
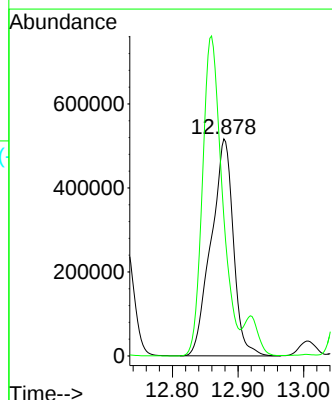
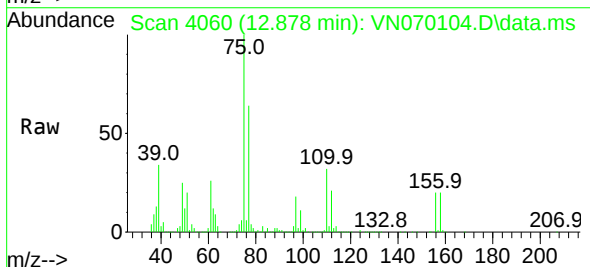
Acq: 15 Dec 2021 10:53

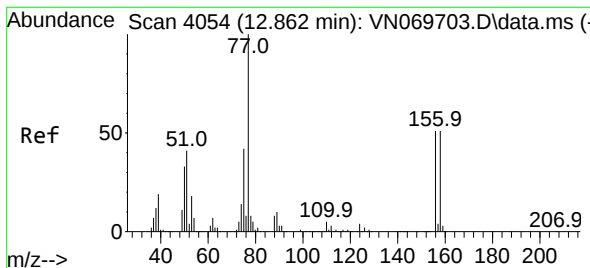
Tgt Ion: 75 Resp: 1217149

Ion Ratio Lower Upper

75 100

77 130.7 82.6 247.8





#77

Bromobenzene

Concen: 45.060 ug/l

RT: 12.860 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

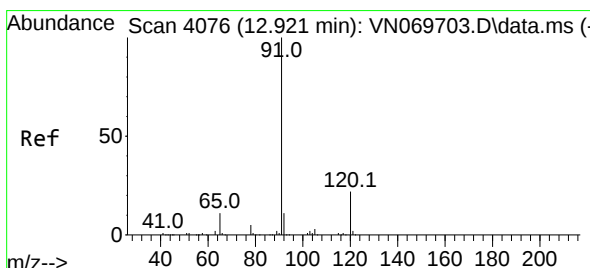
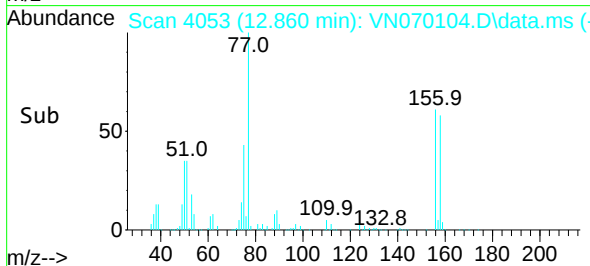
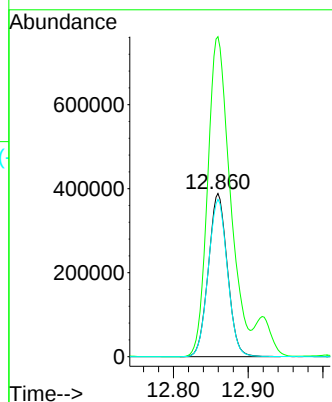
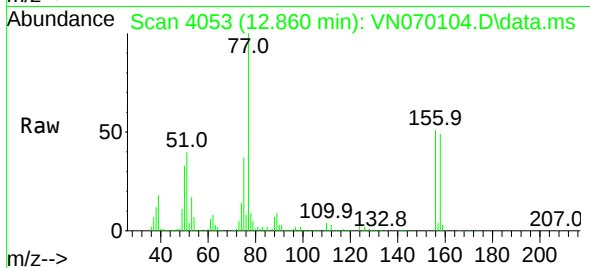
Tgt Ion:156 Resp: 687045

Ion Ratio Lower Upper

156 100

77 231.5 90.6 271.8

158 97.4 48.9 146.7



#78

n-propylbenzene

Concen: 49.282 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.003 min

Lab File: VN070104.D

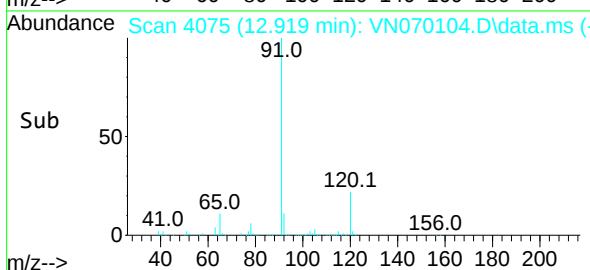
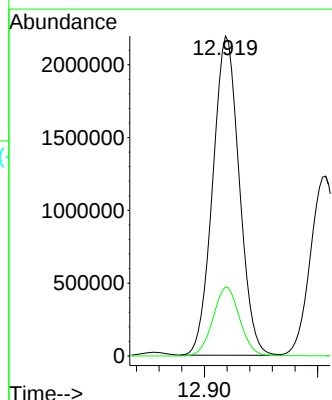
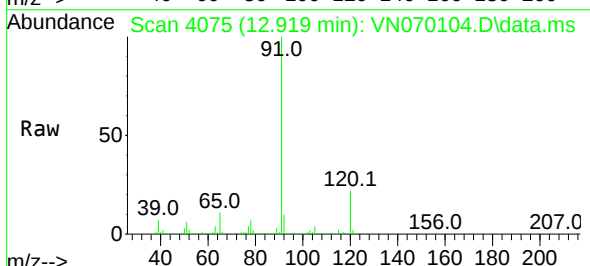
Acq: 15 Dec 2021 10:53

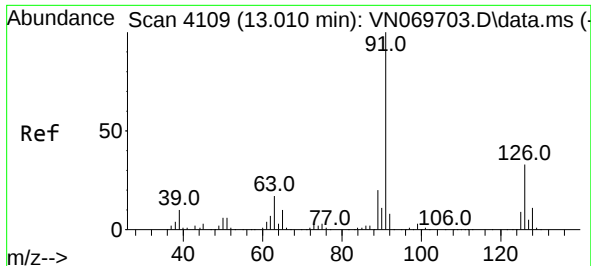
Tgt Ion: 91 Resp: 3559847

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.9

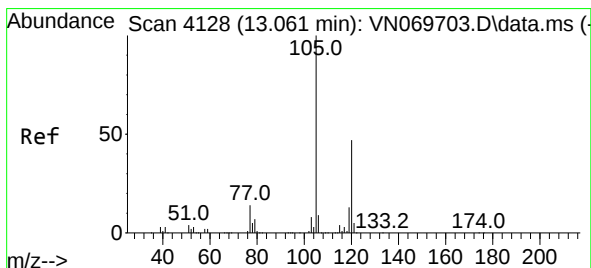
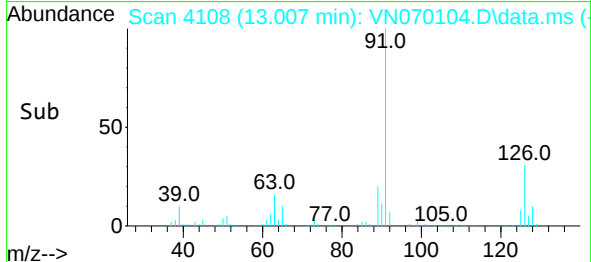
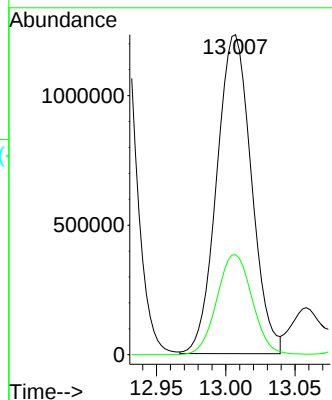
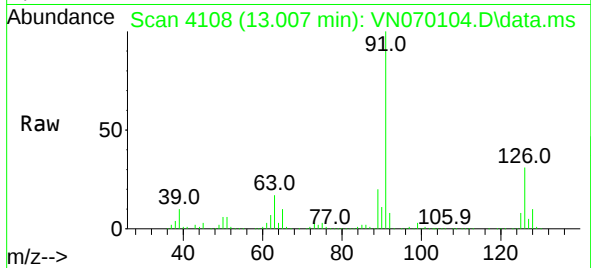




#79
2-Chlorotoluene
Concen: 47.040 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

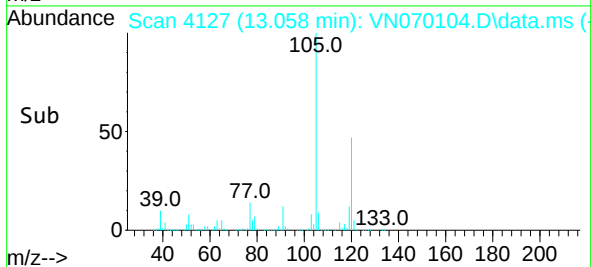
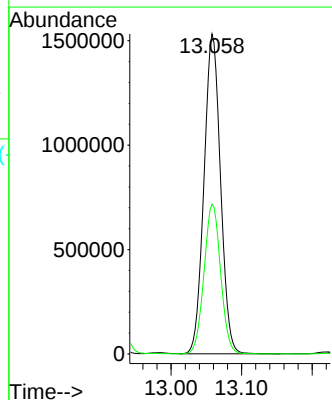
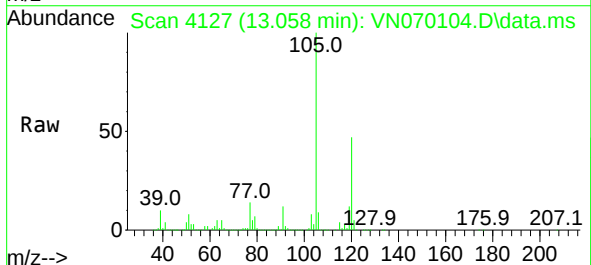
Instrument :
MSVOA_N
ClientSampleId :

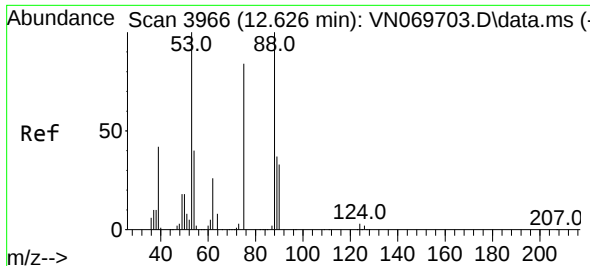
Tgt Ion: 91 Resp: 2147010
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 47.769 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 105 Resp: 2495778
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6

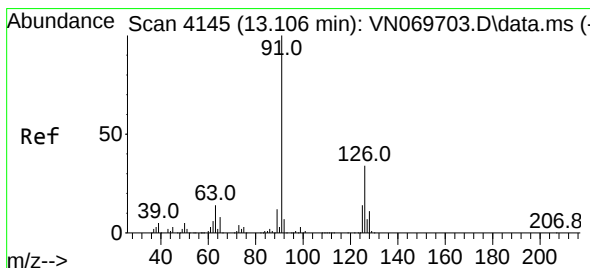
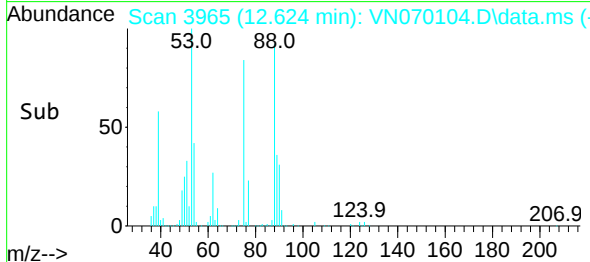
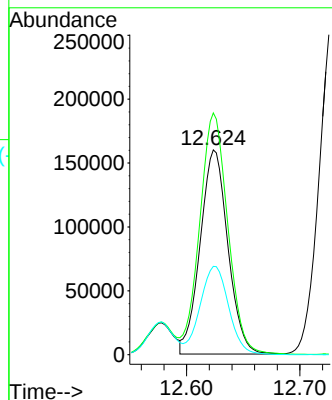
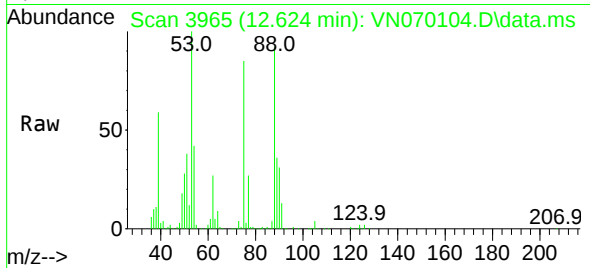




#81
trans-1,4-Dichloro-2-butene
Concen: 43.050 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

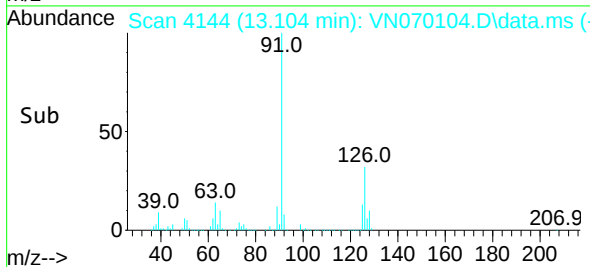
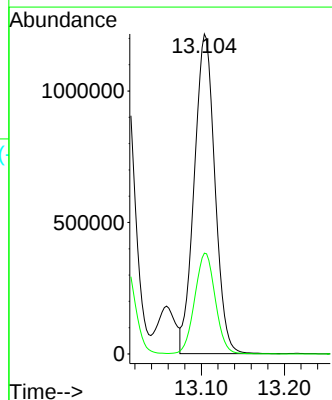
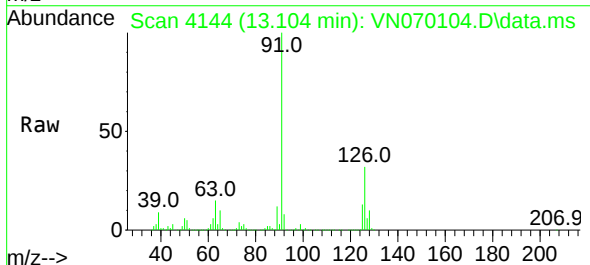
Instrument :
MSVOA_N
ClientSampleId :

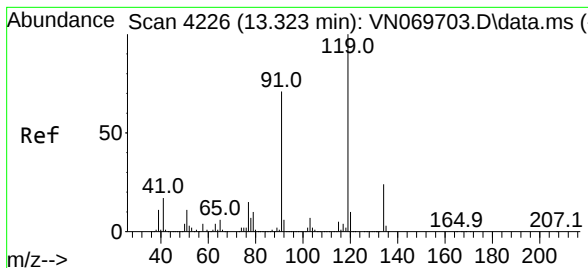
Tgt Ion: 75 Resp: 271285
Ion Ratio Lower Upper
75 100
53 120.1 90.5 135.7
89 44.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 48.826 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion: 91 Resp: 2095781
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83

tert-Butylbenzene

Concen: 47.063 ug/l

RT: 13.321 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Instrument :

MSVOA_N

ClientSampleId :

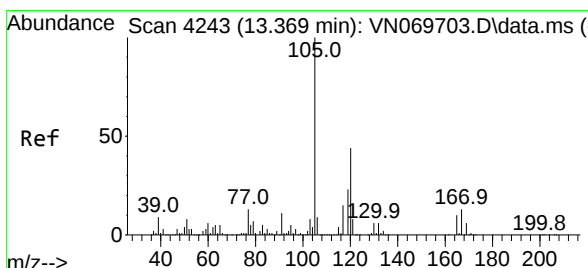
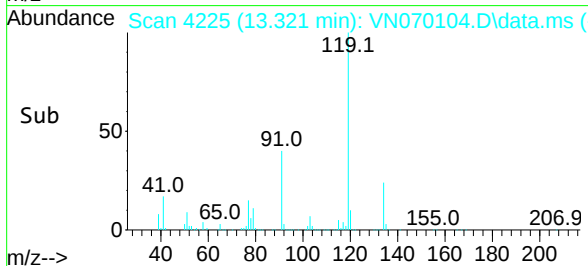
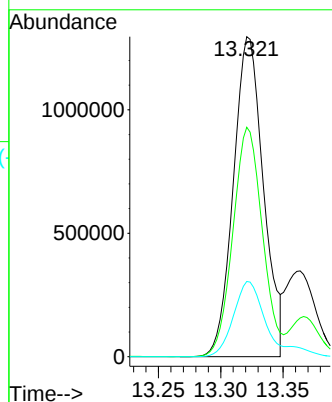
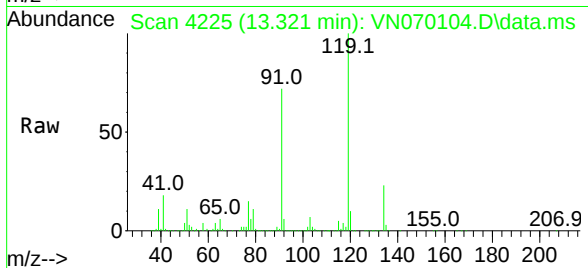
Tgt Ion:119 Resp: 2177315

Ion Ratio Lower Upper

119 100

91 70.6 31.5 94.5

134 26.0 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 48.951 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.003 min

Lab File: VN070104.D

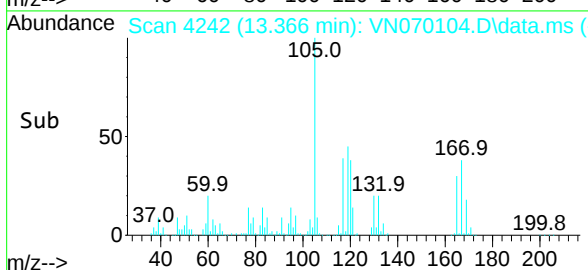
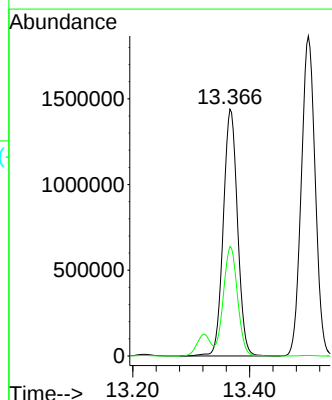
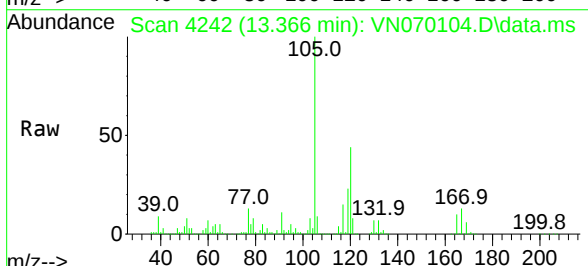
Acq: 15 Dec 2021 10:53

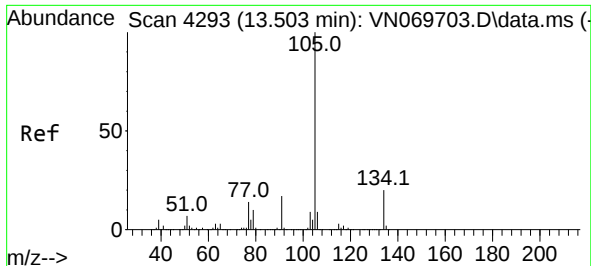
Tgt Ion:105 Resp: 2435697

Ion Ratio Lower Upper

105 100

120 44.0 22.8 68.4

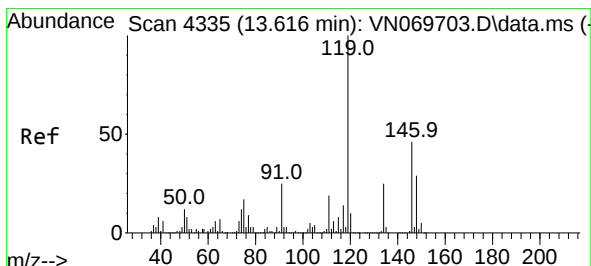
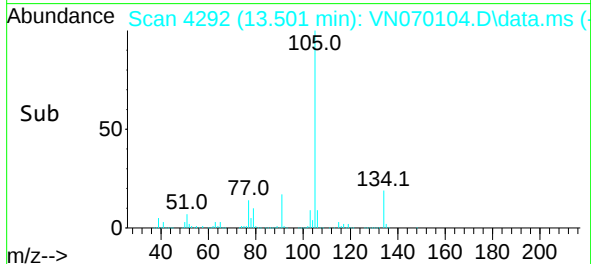
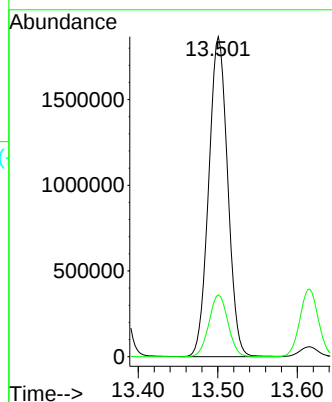
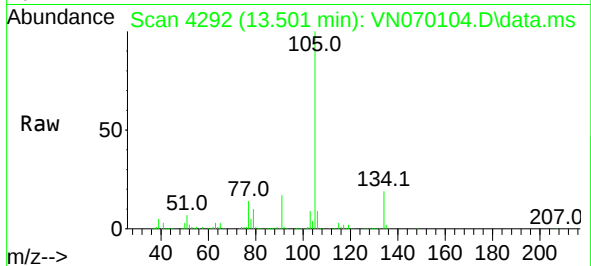




#85
 sec-Butylbenzene
 Concen: 49.169 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53

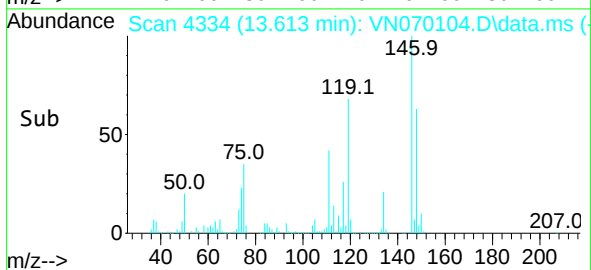
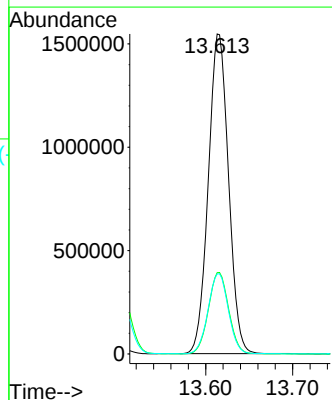
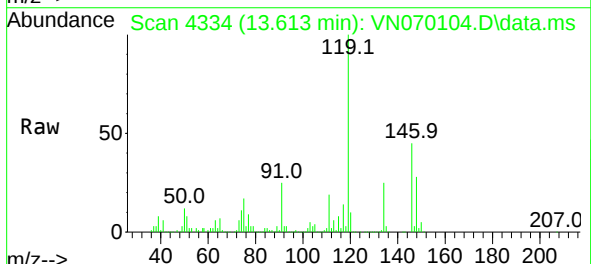
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 3085450
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.882 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53

Tgt Ion:119 Resp: 2495808
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.3 11.4 34.1

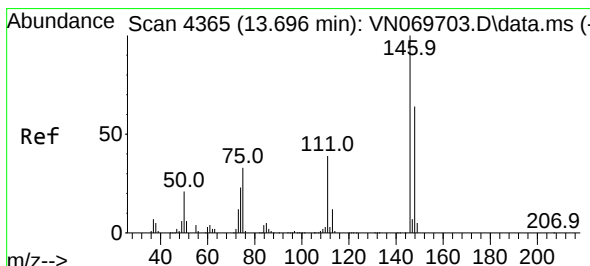
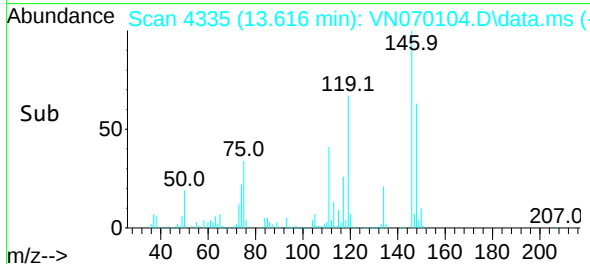
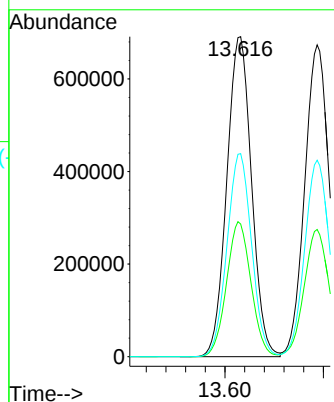
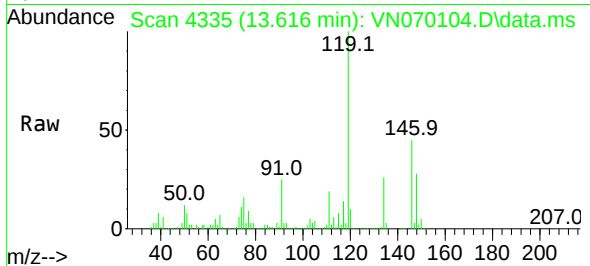




#87
1,3-Dichlorobenzene
Concen: 48.253 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

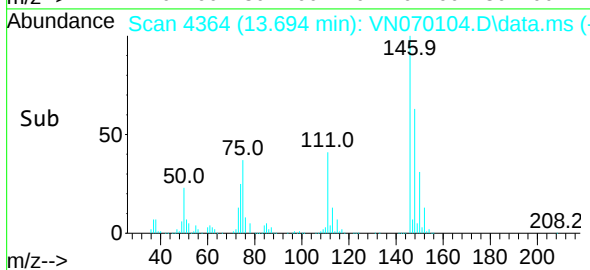
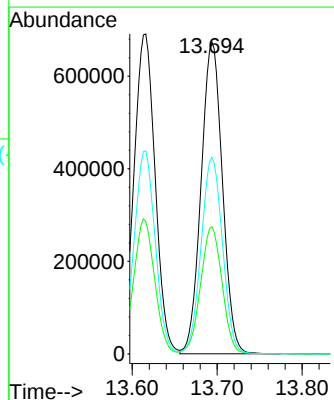
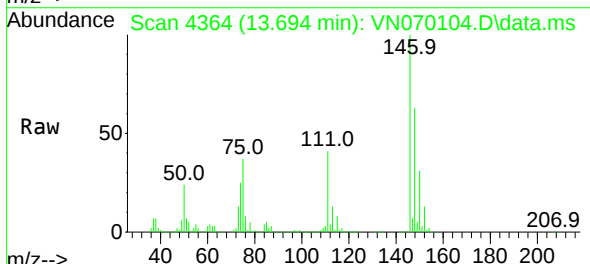
Instrument :
MSVOA_N
ClientSampleId :

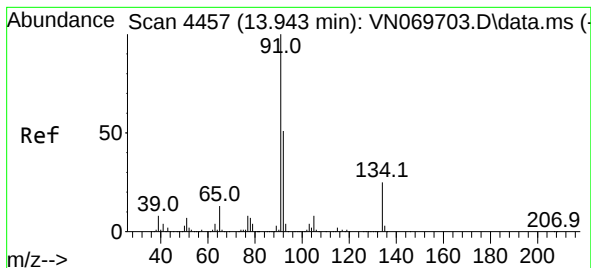
Tgt Ion:146 Resp: 1208660
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.720 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Tgt Ion:146 Resp: 1174674
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 53.027 ug/l

RT: 13.940 min Scan# 4457

Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

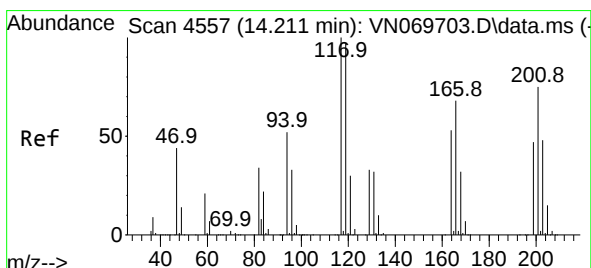
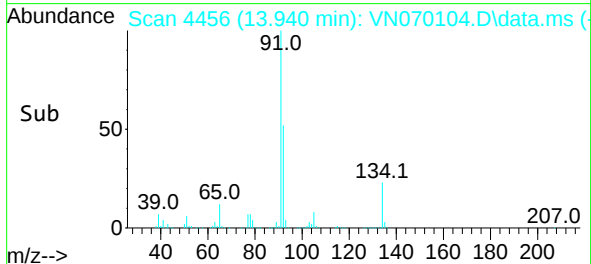
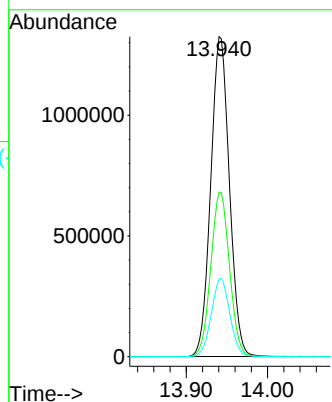
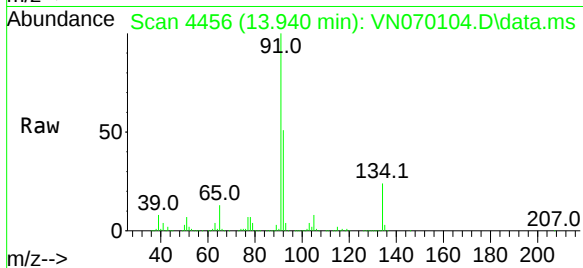
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 2109923

Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.4	76.0
134	24.5	13.6	40.8



#90

Hexachloroethane

Concen: 45.359 ug/l

RT: 14.209 min Scan# 4556

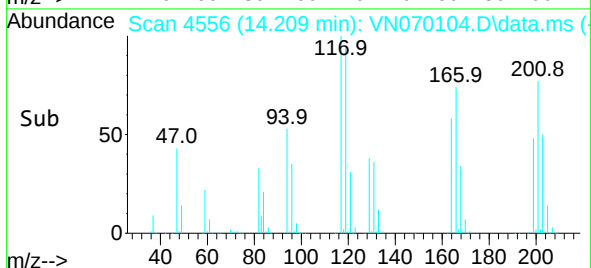
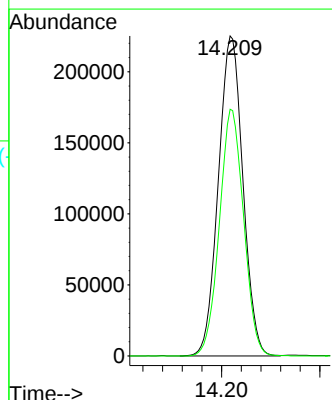
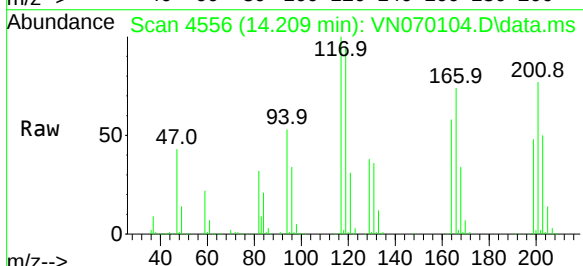
Delta R.T. -0.003 min

Lab File: VN070104.D

Acq: 15 Dec 2021 10:53

Tgt Ion: 117 Resp: 390626

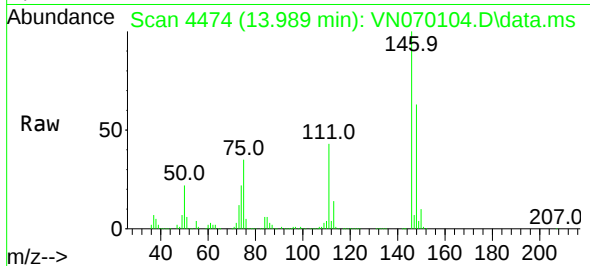
Ion	Ratio	Lower	Upper
117	100		
201	76.2	43.9	131.6



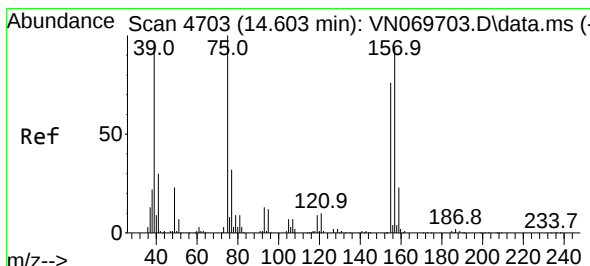
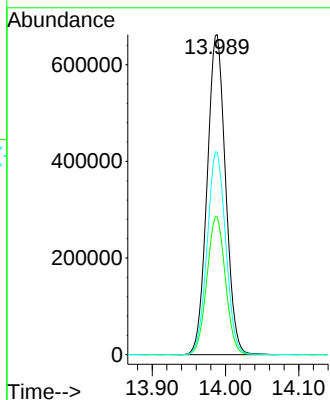
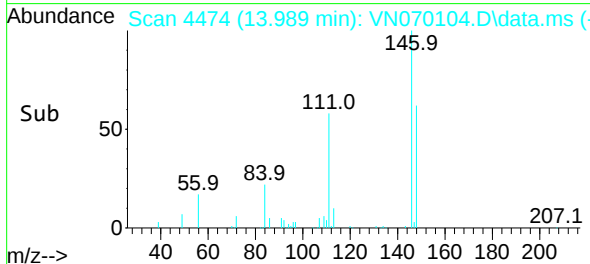


#91
1,2-Dichlorobenzene
Concen: 47.349 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

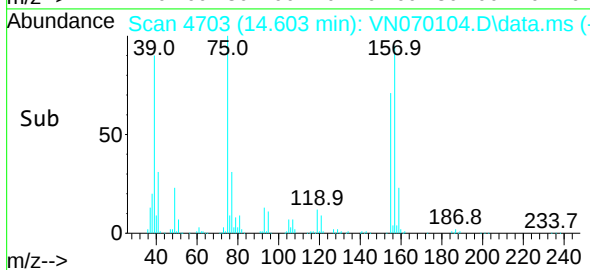
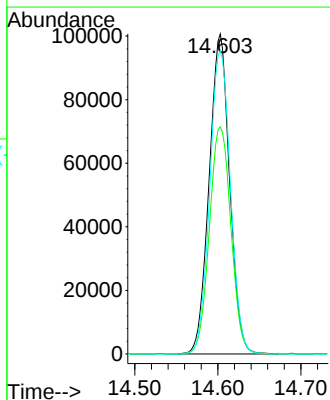
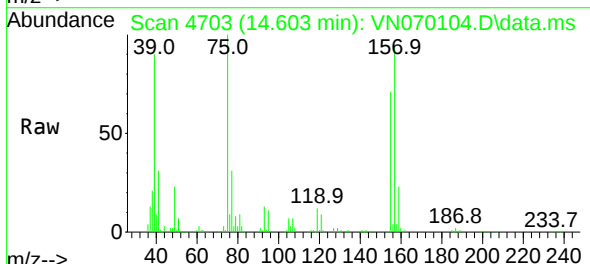


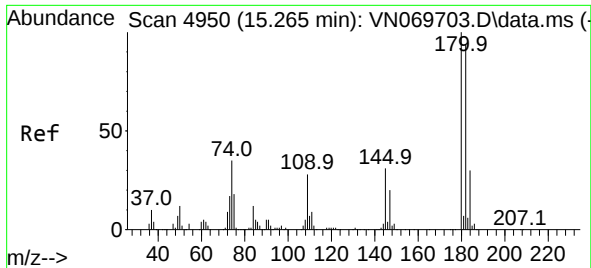
Tgt Ion:146 Resp: 1155608
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.3
148 64.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.574 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

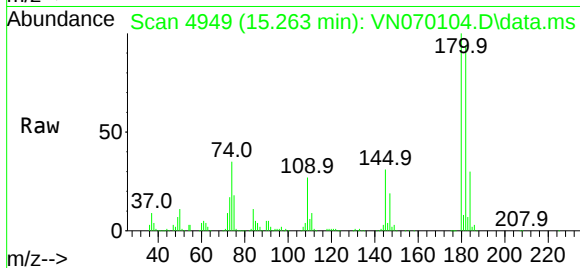
Tgt Ion: 75 Resp: 172688
Ion Ratio Lower Upper
75 100
155 74.5 46.9 140.7
157 95.8 60.6 181.7



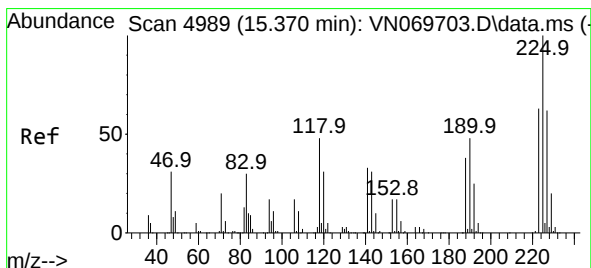
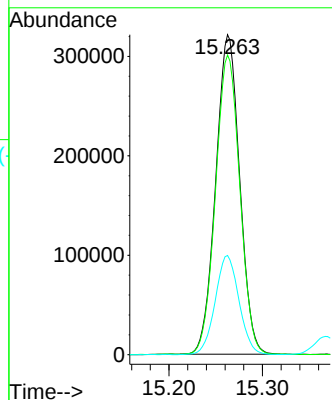
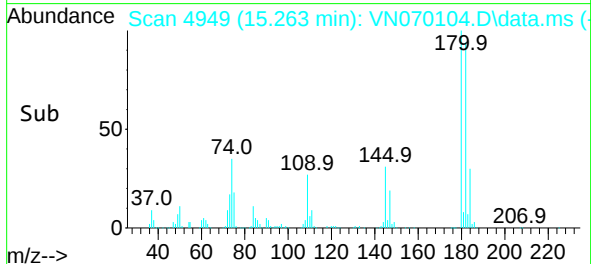


#93
 1,2,4-Trichlorobenzene
 Concen: 47.968 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53

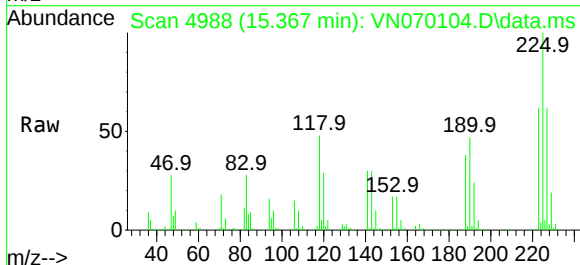
Instrument :
 MSVOA_N
 ClientSampleId :



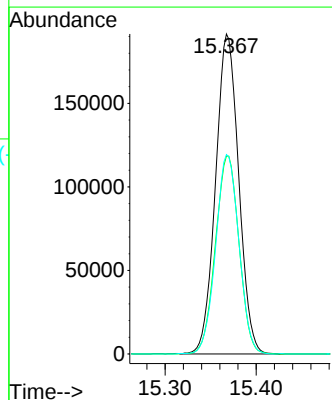
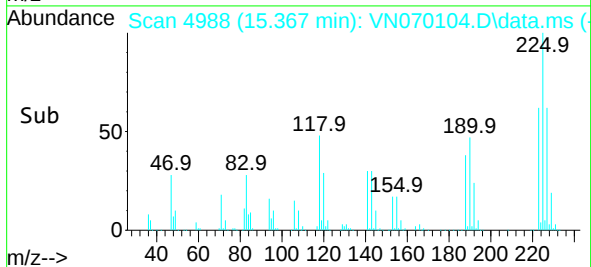
Tgt Ion:180 Resp: 572701
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.9
 145 31.0 14.5 43.5

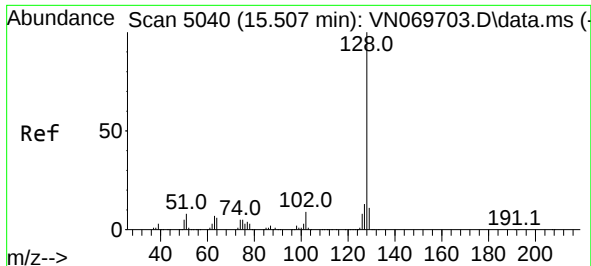


#94
 Hexachlorobutadiene
 Concen: 52.171 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. -0.003 min
 Lab File: VN070104.D
 Acq: 15 Dec 2021 10:53



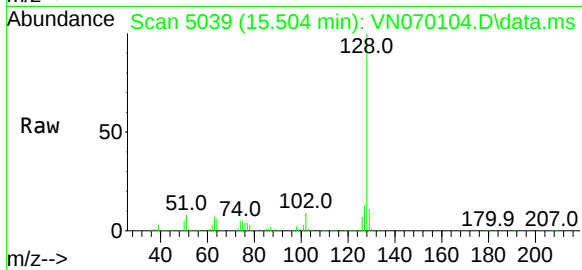
Tgt Ion:225 Resp: 337453
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 62.6 32.1 96.3



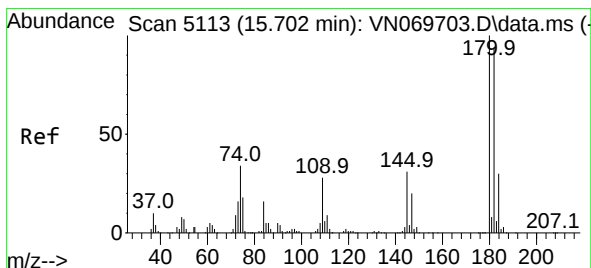
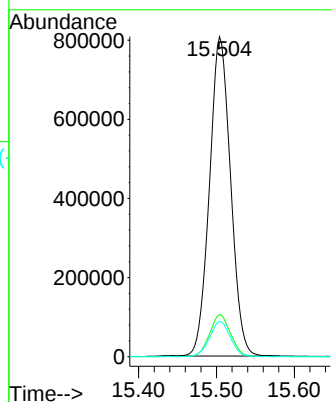
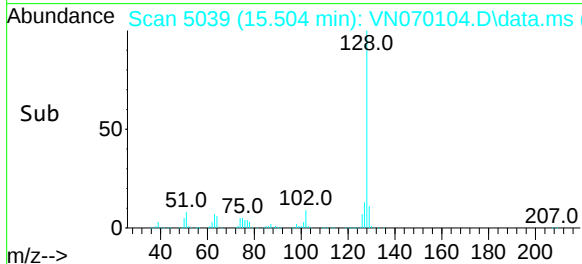


#95
Naphthalene
Concen: 43.179 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53

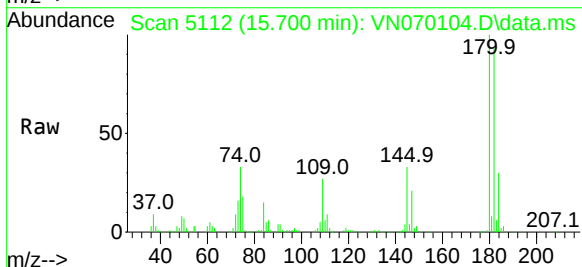
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1518497
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.993 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070104.D
Acq: 15 Dec 2021 10:53



Tgt Ion:180 Resp: 558682
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 33.0 15.0 45.1

