

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070159.D
 Acq On : 17 Dec 2021 12:57
 Operator : JC/MD
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	190224	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1061618	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	961409	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	513600	30.467	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.567%	
60) 4-Bromofluorobenzene	12.731	95	468474	29.613	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.700%	
63) Toluene-d8	10.440	98	1367489	30.780	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	268538	19.453	ug/l	97
3) Chloromethane	2.303	50	319356	20.197	ug/l	96
4) Vinyl Chloride	2.443	62	288729	19.406	ug/l	100
5) Bromomethane	2.856	94	158072	19.436	ug/l	96
6) Chloroethane	3.019	64	171571	20.084	ug/l	99
7) Trichlorofluoromethane	3.373	101	350665	18.053	ug/l	96
8) Diethyl Ether	3.821	74	151979	19.719	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.202	101	212384	18.615	ug/l #	70
10) 1,1-Dichloroethene	4.178	96	203337	18.737	ug/l	88
11) Methyl Iodide	4.414	142	277433	18.270	ug/l	94
12) Methyl Acetate	4.859	43	590430	22.088	ug/l #	88
13) Acrolein	4.041	56	215864	99.763	ug/l	100
14) Acrylonitrile	5.559	53	838002	108.574	ug/l	99
15) Acetone	4.291	58	263638	94.134	ug/l	79
16) Carbon Disulfide	4.524	76	504745	15.436	ug/l	99
17) Allyl chloride	4.838	41	465264	19.064	ug/l	85
18) Methylene Chloride	5.093	84	255504	19.532	ug/l #	83
19) trans-1,2-Dichloroethene	5.597	96	214532	18.612	ug/l #	83
20) Diisopropyl ether	6.498	45	937320	20.053	ug/l #	96
21) 1,1-Dichloroethane	6.388	63	473097	19.200	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	262591	19.248	ug/l	90
23) tert-Butyl Alcohol	5.388	59	294836	120.842	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	801785	20.806	ug/l	97
25) Chloroform	7.817	83	465194	19.002	ug/l	100
26) Cyclohexane	8.094	56	439795	19.282	ug/l #	83
29) 1,1-Dichloropropene	8.220	75	337177	18.446	ug/l	96
30) 2-Butanone	7.340	43	1310887	104.234	ug/l #	91
31) 2,2-Dichloropropane	7.327	77	349804	18.300	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	389021	18.376	ug/l	96
33) Carbon Tetrachloride	8.206	117	311846	16.571	ug/l	96
34) Benzene	8.461	78	1045756	19.351	ug/l #	95
35) Methacrylonitrile	7.638	41	237979	20.456	ug/l	89
36) 1,2-Dichloroethane	8.531	62	408035	19.127	ug/l	98
37) Trichloroethene	9.217	130	236915	18.432	ug/l	92
38) Methylcyclohexane	9.459	83	398177	18.325	ug/l	88
39) 1,2-Dichloropropane	9.491	63	275153	19.098	ug/l	99
40) Dibromomethane	9.580	93	176148	18.535	ug/l	95
41) Bromodichloromethane	9.762	83	337149	16.777	ug/l	95
42) Vinyl Acetate	6.436	43	3722602	100.764	ug/l #	94

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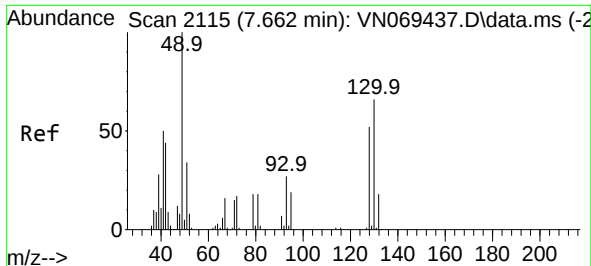
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	514593	23.557	ug/l	94
44) Isopropyl Acetate	8.563	43	734926	20.901	ug/l	95
45) 1,4-Dioxane	9.569	88	125850	505.781	ug/l #	85
46) Methyl methacrylate	9.561	41	339373	20.379	ug/l	79
47) n-amyl Acetate	12.390	43	473341	19.304	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	347327	17.184	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	384958	17.550	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	247911	19.191	ug/l	97
51) Ethyl methacrylate	10.762	69	415895	20.144	ug/l	88
52) 1,3-Dichloropropane	11.047	76	445896	19.494	ug/l	99
53) Dibromochloromethane	11.240	129	226397	15.602	ug/l	99
54) 1,2-Dibromoethane	11.347	107	250514	19.033	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	489301	120.890	ug/l	96
56) Bromoform	12.457	173	159298	14.418	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	2498324	113.218	ug/l #	94
59) 2-Hexanone	11.087	43	1807270	110.784	ug/l	95
61) Tetrachloroethene	10.977	164	218512	19.460	ug/l	95
62) Toluene	10.505	91	1096533	19.394	ug/l	98
64) Chlorobenzene	11.771	112	636066	18.955	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	224001	17.723	ug/l	100
66) Ethyl Benzene	11.846	91	1192527	18.972	ug/l	99
67) m/p-Xylenes	11.953	106	876814	38.180	ug/l	94
68) o-Xylene	12.283	106	434746	19.133	ug/l	94
69) Styrene	12.296	104	681021	18.388	ug/l	97
70) Isopropylbenzene	12.578	105	1139898	19.120	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	394718	20.187	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	476512	26.189	ug/l	56
73) Bromobenzene	12.862	156	255995	18.502	ug/l	89
74) n-propylbenzene	12.921	91	1263942	18.291	ug/l	98
75) 2-Chlorotoluene	13.007	91	800074	18.921	ug/l	95
76) 1,3,5-Trimethylbenzene	13.061	105	923873	18.861	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	92289	16.130	ug/l	82
78) 4-Chlorotoluene	13.106	91	733285	18.083	ug/l	94
79) tert-butylbenzene	13.324	119	799861	18.816	ug/l	98
80) 1,2,4-Trimethylbenzene	13.503	105	1087249	22.954	ug/l	100
81) sec-Butylbenzene	13.503	105	1087249	18.329	ug/l	99
82) p-Isopropyltoluene	13.616	119	850850	18.004	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	423190	18.085	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	405855	18.031	ug/l	99
85) n-Butylbenzene	13.943	91	649177	16.442	ug/l	98
86) Hexachloroethane	14.211	117	137518	14.586	ug/l	90
87) 1,2-Dichlorobenzene	13.989	146	417991	18.594	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	70035	18.724	ug/l	94
89) 1,2,4-Trichlorobenzene	15.265	180	181529	17.358	ug/l	97
90) Hexachlorobutadiene	15.373	225	116566	18.728	ug/l	99
91) Naphthalene	15.507	128	504098	21.069	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	182387	18.458	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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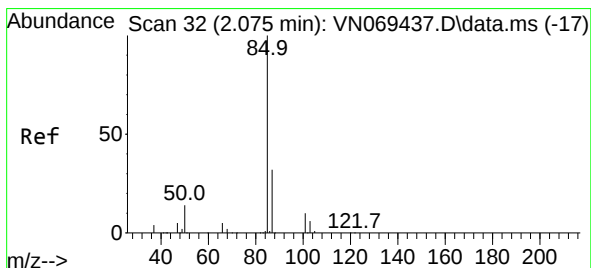
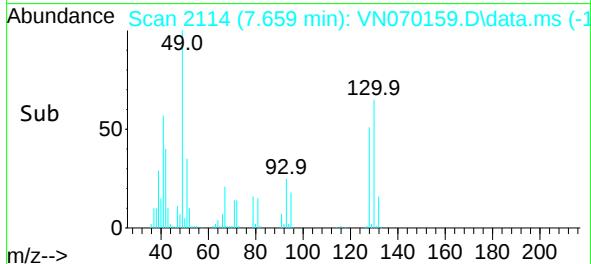
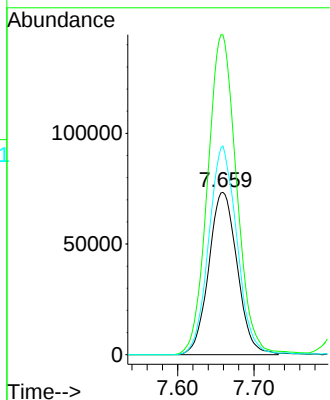
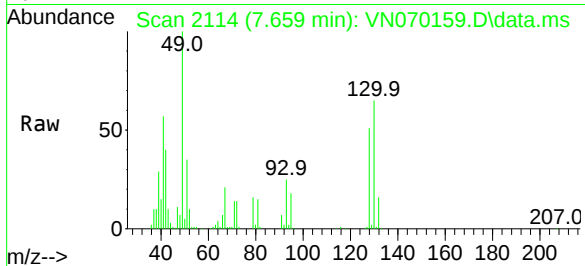




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

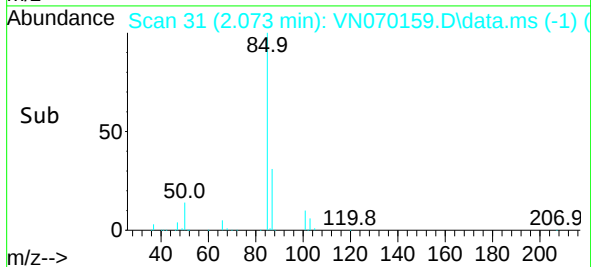
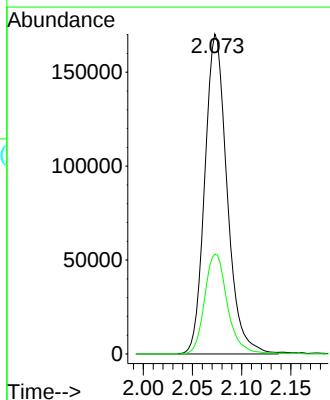
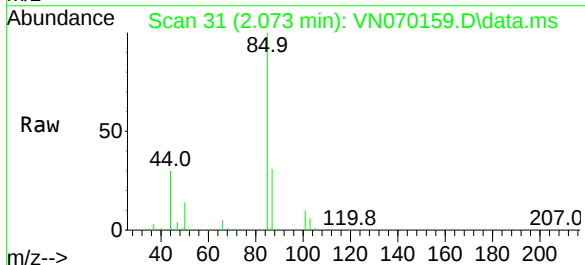
Instrument :
MSVOA_N
ClientSampleId :

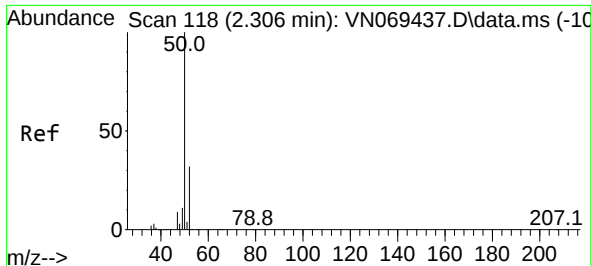
Tgt Ion:128 Resp: 190224
Ion Ratio Lower Upper
128 100
49 201.1 0.0 392.3
130 126.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.453 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 85 Resp: 268538
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.7

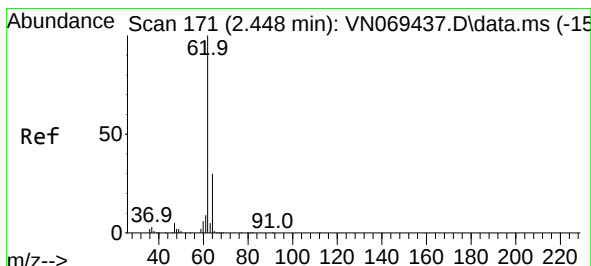
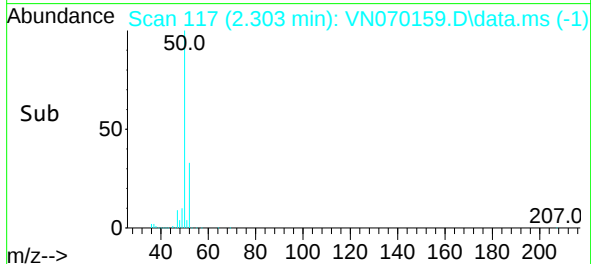
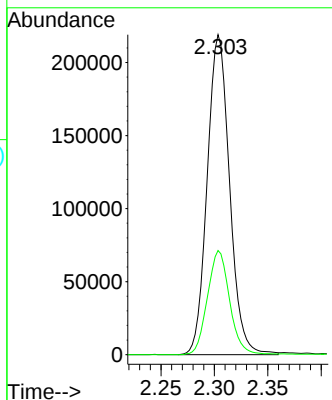
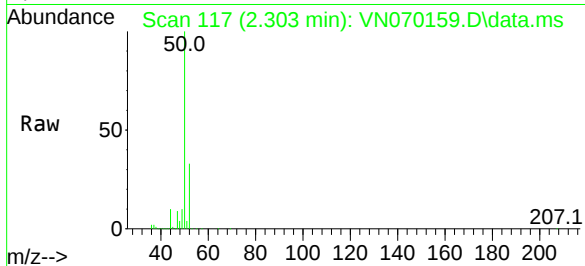




#3
Chloromethane
Concen: 20.197 ug/l
RT: 2.303 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

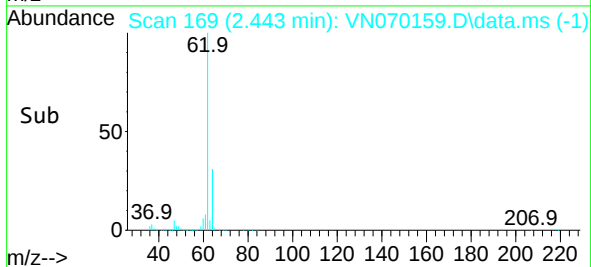
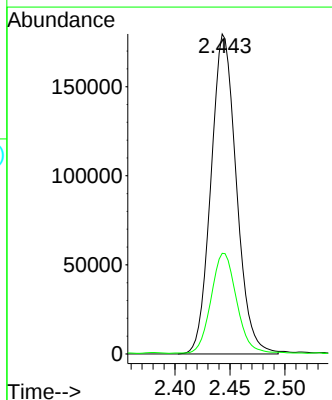
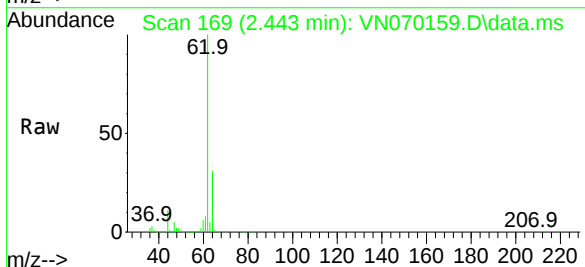
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MSVOA_N
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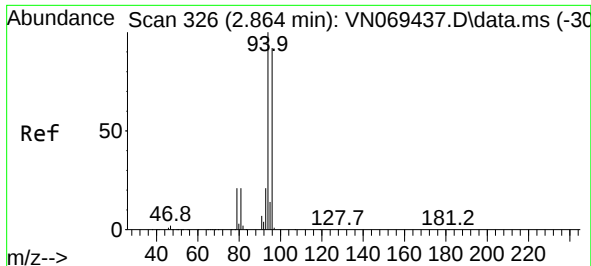
Tgt Ion: 50 Resp: 319356
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.6



#4
Vinyl Chloride
Concen: 19.406 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.005 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

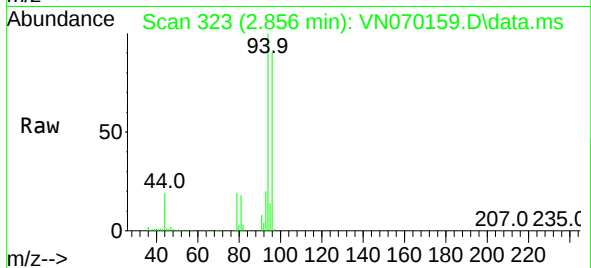
Tgt Ion: 62 Resp: 288729
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7



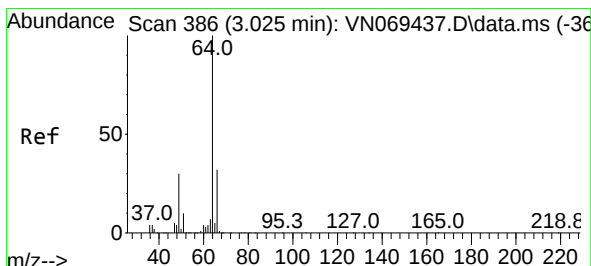
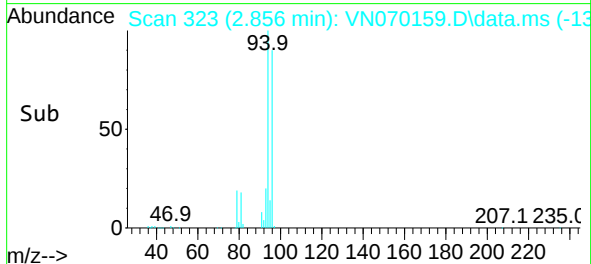
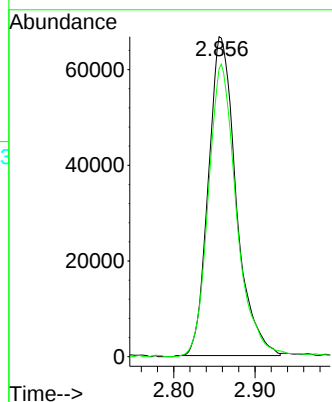


#5
Bromomethane
Concen: 19.436 ug/l
RT: 2.856 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :

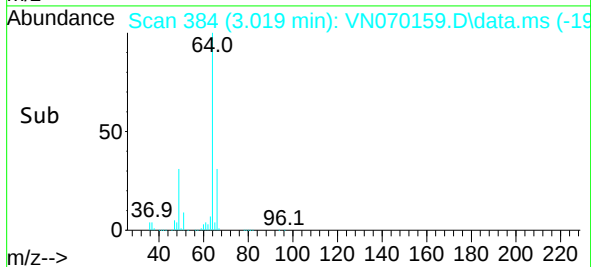
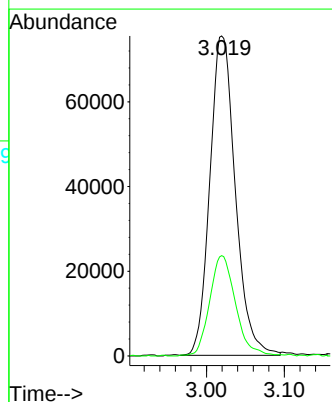
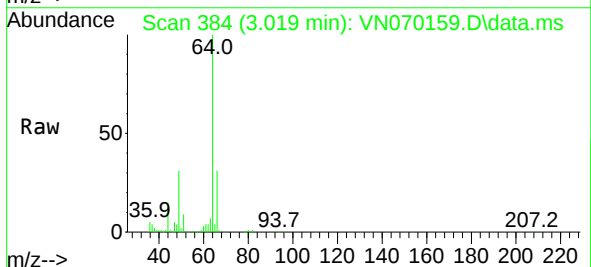


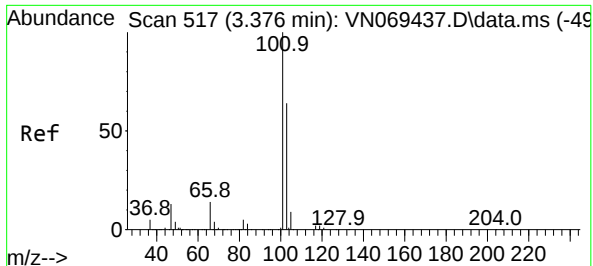
Tgt Ion: 94 Resp: 158072
Ion Ratio Lower Upper
94 100
96 90.0 75.2 112.8



#6
Chloroethane
Concen: 20.084 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 64 Resp: 171571
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8

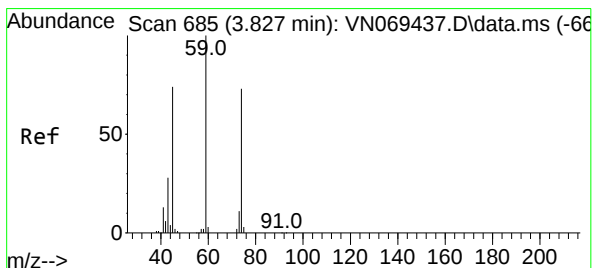
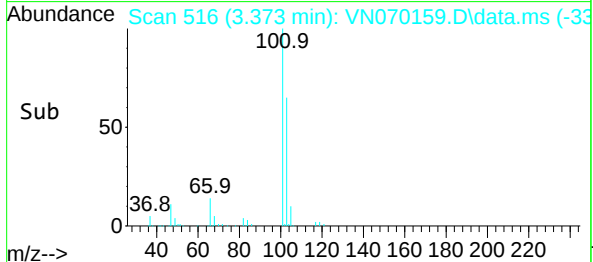
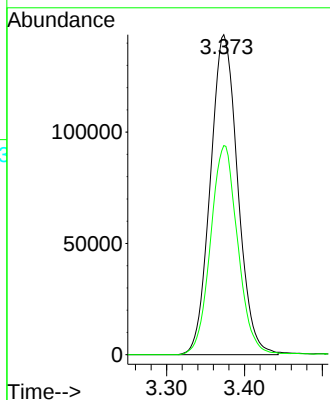
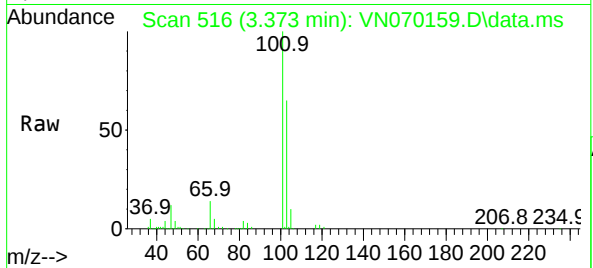




#7
 Trichlorofluoromethane
 Concen: 18.053 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. -0.005 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

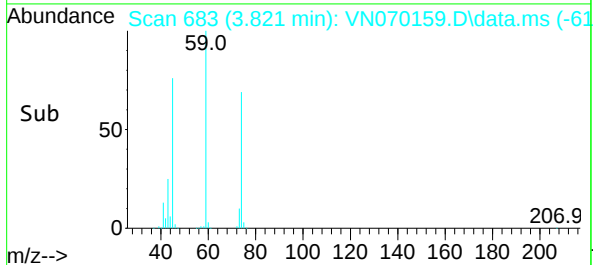
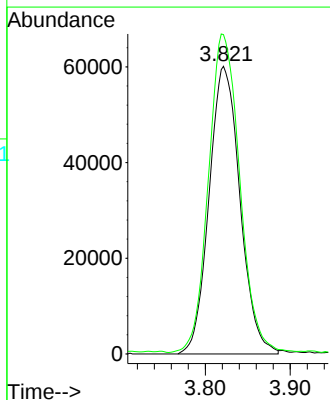
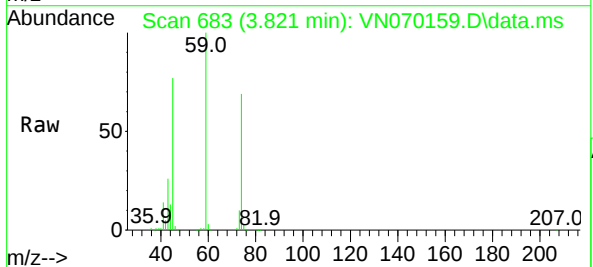
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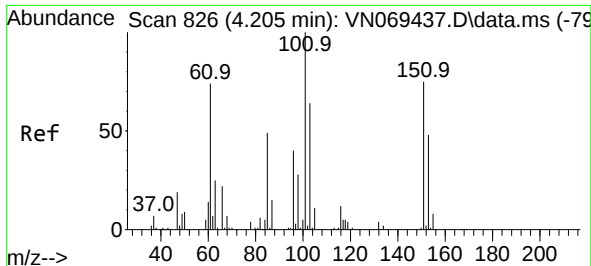
Tgt Ion:101 Resp: 350665
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.719 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. -0.005 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

Tgt Ion: 74 Resp: 151979
 Ion Ratio Lower Upper
 74 100
 45 111.9 17.6 158.8

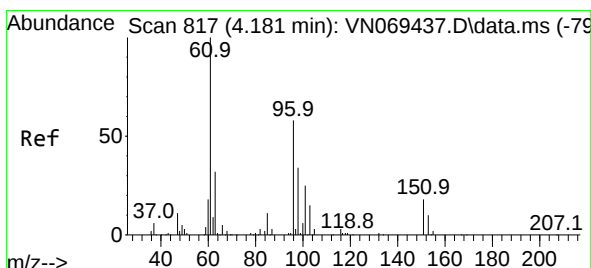
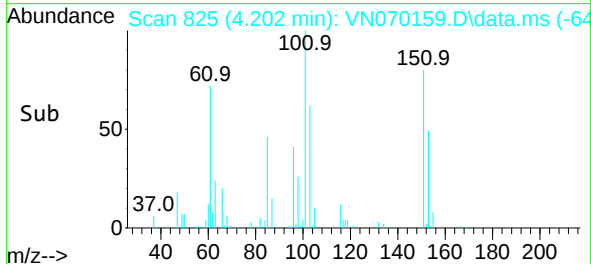
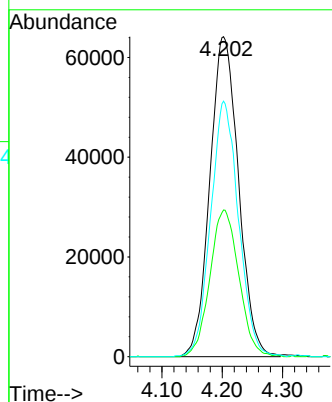
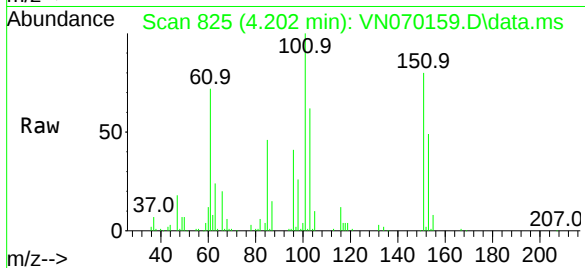




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.615 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

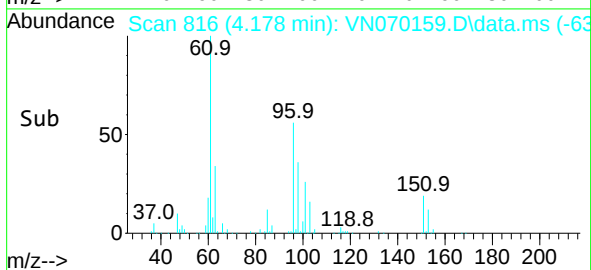
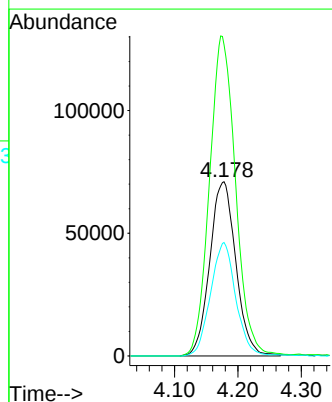
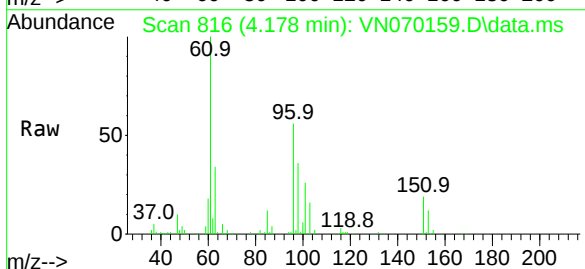
Instrument :
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ClientSampleId :

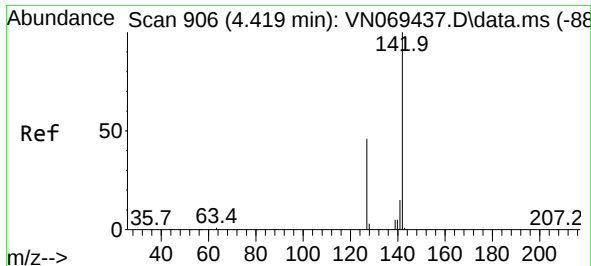
Tgt Ion:101 Resp: 212384
Ion Ratio Lower Upper
101 100
85 46.2 0.0 94.0
151 77.1 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 18.737 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.005 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

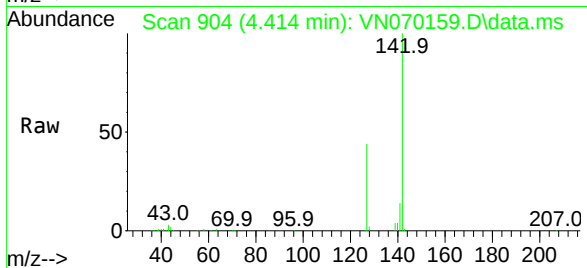
Tgt Ion: 96 Resp: 203337
Ion Ratio Lower Upper
96 100
61 178.7 126.2 189.4
98 65.1 50.9 76.3



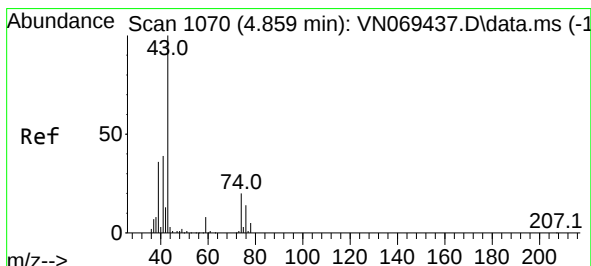
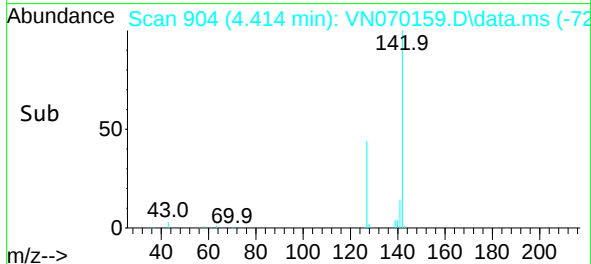
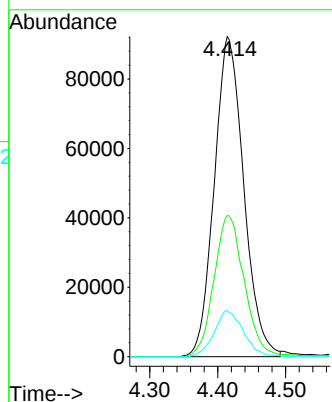


#11
Methyl Iodide
Concen: 18.270 ug/l
RT: 4.414 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :

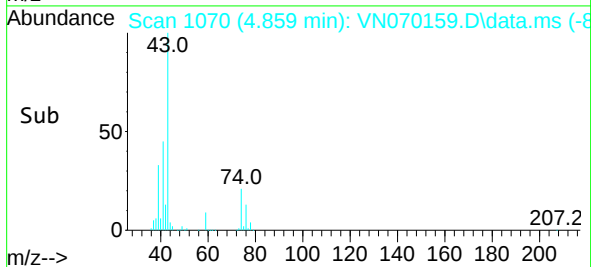
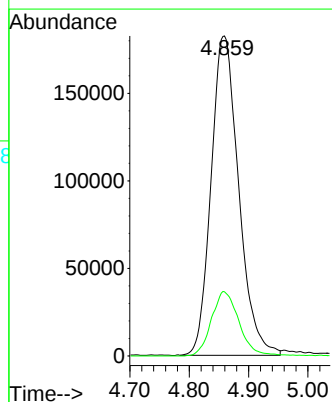
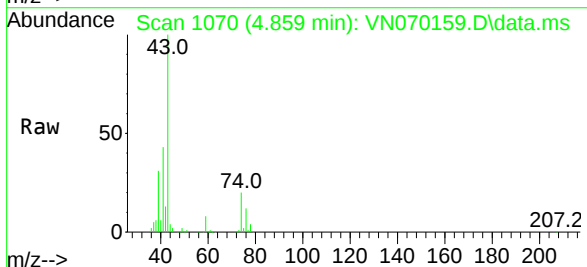


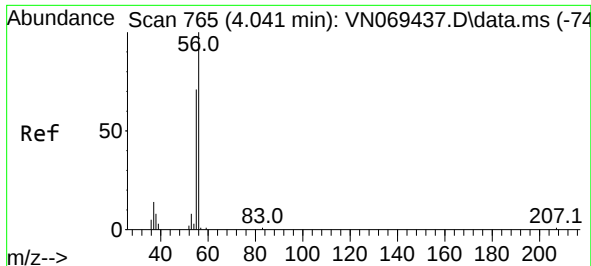
Tgt Ion:142 Resp: 277433
Ion Ratio Lower Upper
142 100
127 44.1 24.0 72.0
141 14.2 8.4 25.2



#12
Methyl Acetate
Concen: 22.088 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 43 Resp: 590430
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#

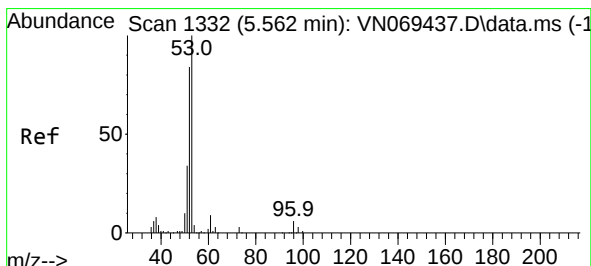
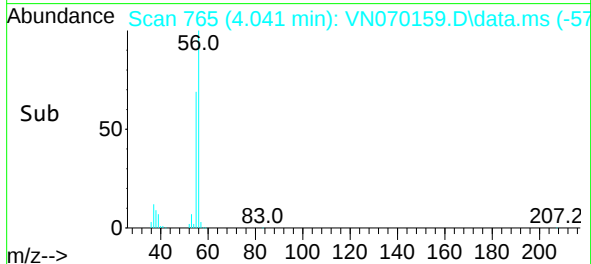
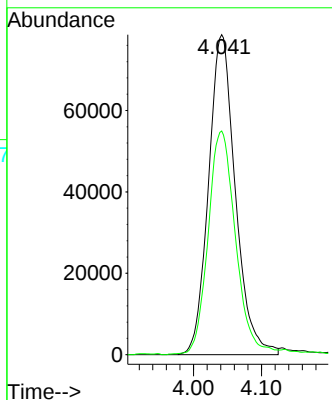
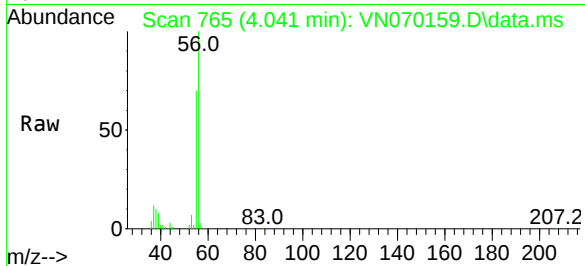




#13
Acrolein
Concen: 99.763 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

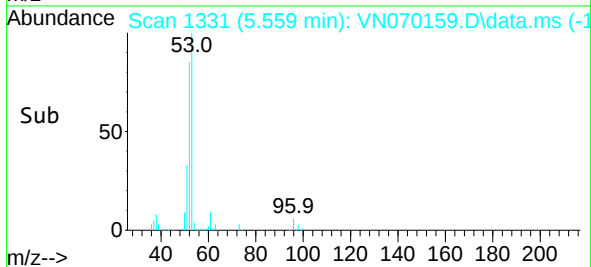
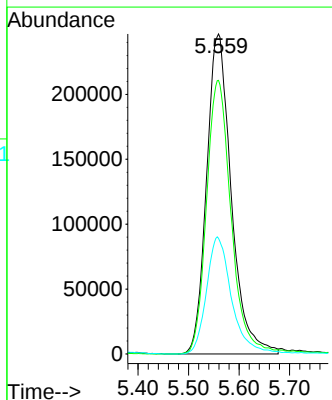
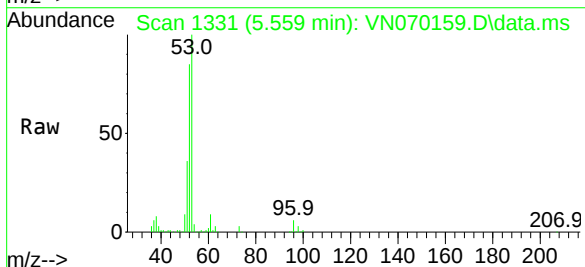
Instrument :
MSVOA_N
ClientSampleId :

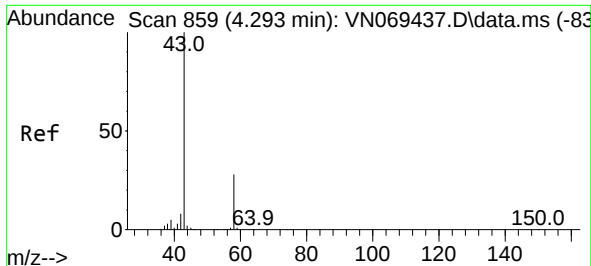
Tgt Ion: 56 Resp: 215864
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Acrylonitrile
Concen: 108.574 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 53 Resp: 838002
Ion Ratio Lower Upper
53 100
52 84.3 41.8 125.4
51 36.7 19.0 57.0





#15

Acetone

Concen: 94.134 ug/l

RT: 4.291 min Scan# 859

Delta R.T. 0.005 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

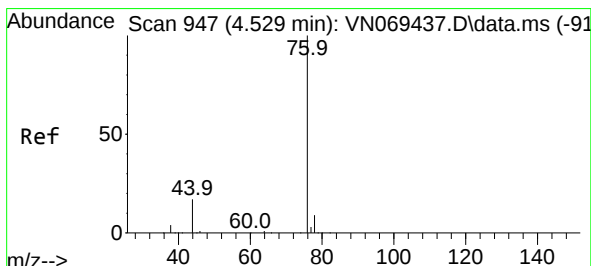
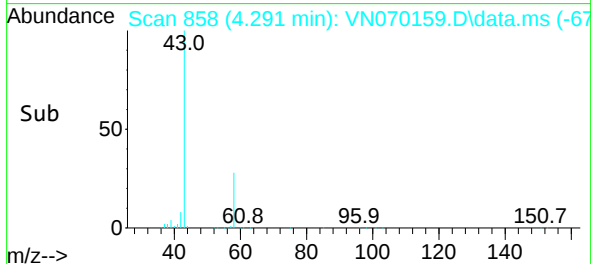
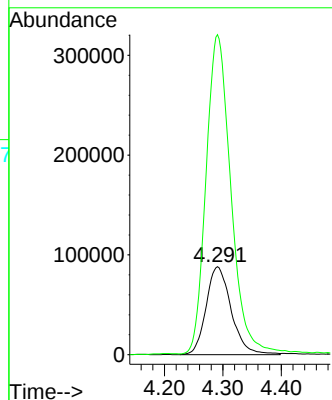
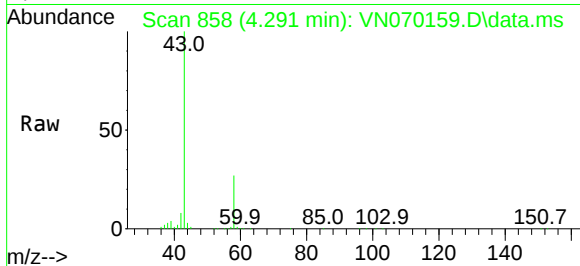
ClientSampleId :

Tgt Ion: 58 Resp: 263638

Ion Ratio Lower Upper

58 100

43 362.8 256.6 384.8



#16

Carbon Disulfide

Concen: 15.436 ug/l

RT: 4.524 min Scan# 945

Delta R.T. -0.005 min

Lab File: VN070159.D

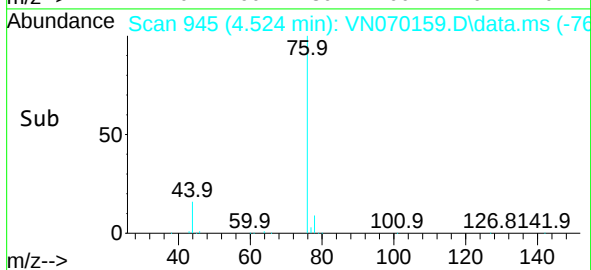
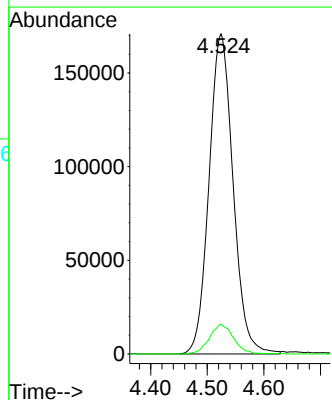
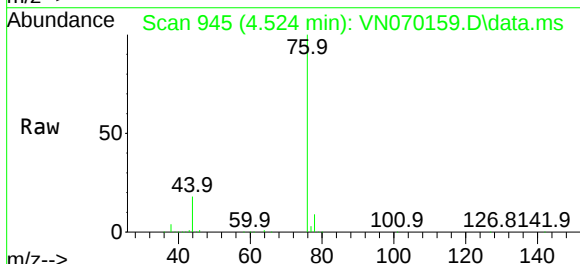
Acq: 17 Dec 2021 12:57

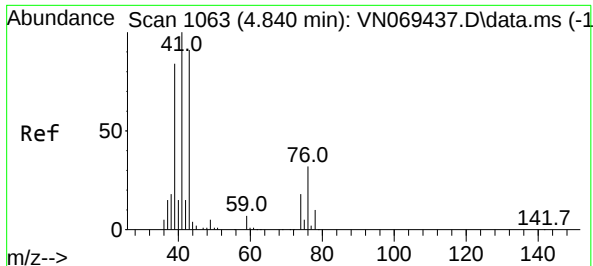
Tgt Ion: 76 Resp: 504745

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

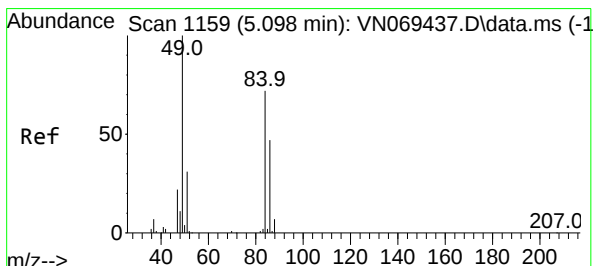
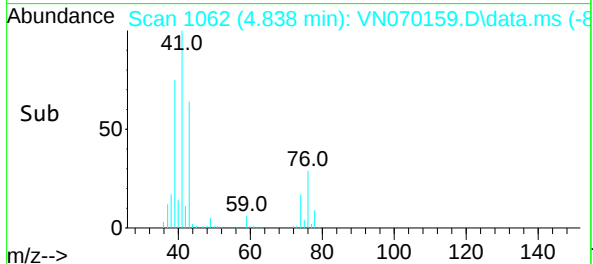
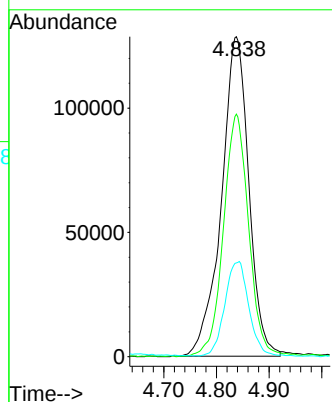
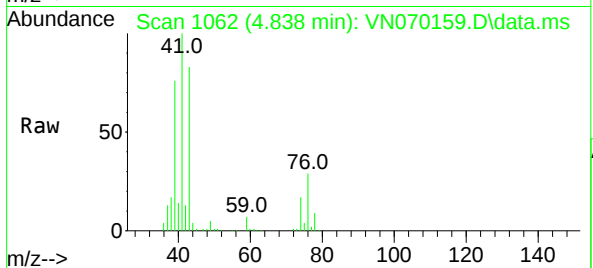




#17
 Allyl chloride
 Concen: 19.064 ug/l
 RT: 4.838 min Scan# 1062
 Delta R.T. -0.003 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

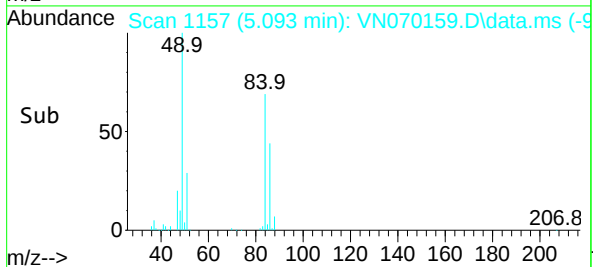
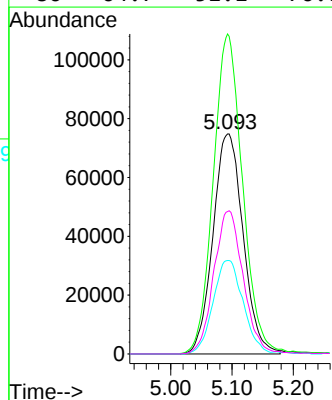
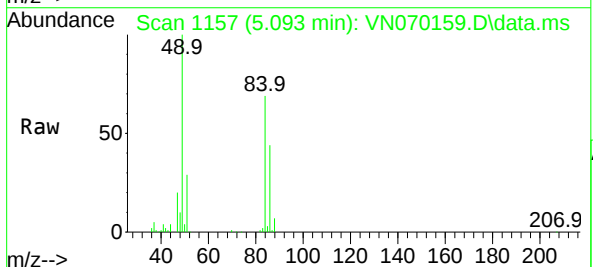
Instrument :
 MSVOA_N
 ClientSampleId :

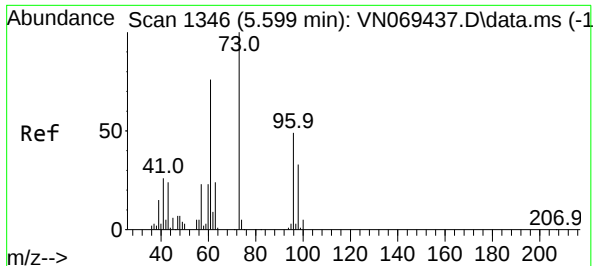
Tgt Ion: 41 Resp: 465264
 Ion Ratio Lower Upper
 41 100
 39 75.7 44.6 134.0
 76 29.0 19.6 58.7



#18
 Methylene Chloride
 Concen: 19.532 ug/l
 RT: 5.093 min Scan# 1157
 Delta R.T. -0.005 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

Tgt Ion: 84 Resp: 255504
 Ion Ratio Lower Upper
 84 100
 49 145.2 91.4 137.0#
 51 42.5 29.4 44.0
 86 64.7 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 18.612 ug/l

RT: 5.597 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

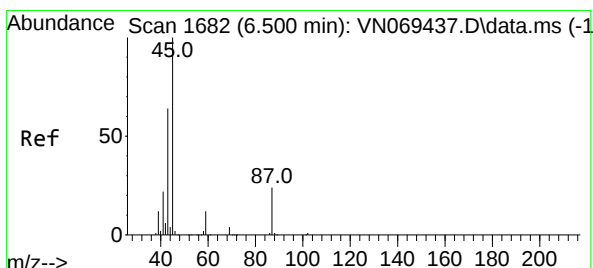
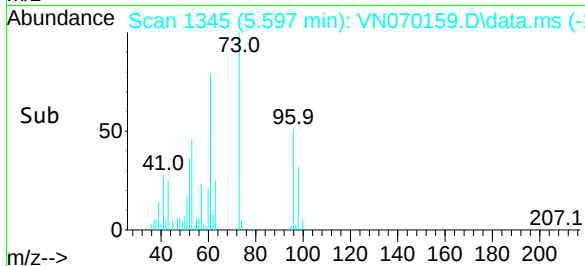
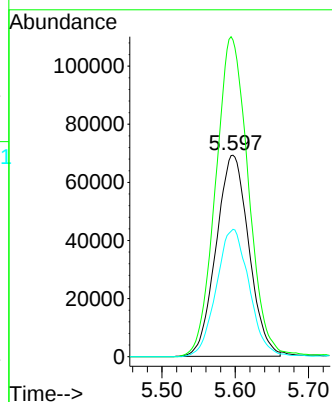
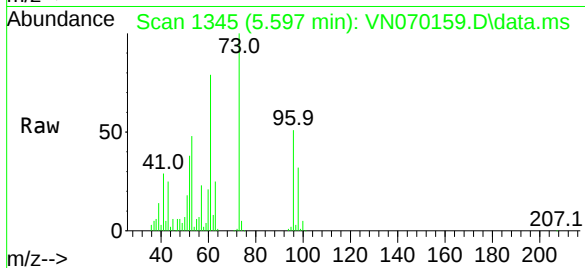
Tgt Ion: 96 Resp: 214532

Ion Ratio Lower Upper

96 100

61 157.2 102.8 154.2#

98 63.4 49.3 73.9



#20

Diisopropyl ether

Concen: 20.053 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Tgt Ion: 45 Resp: 937320

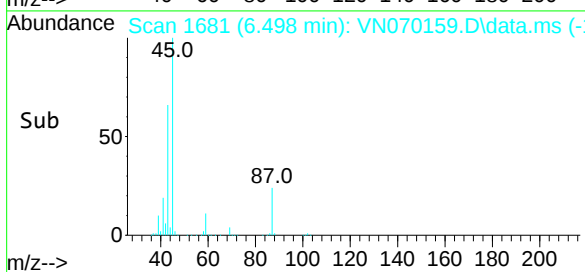
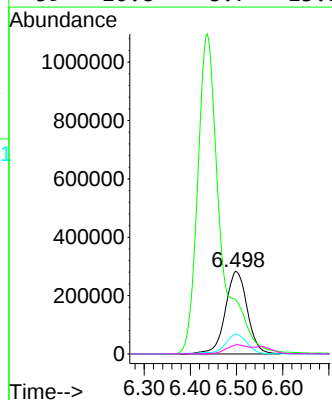
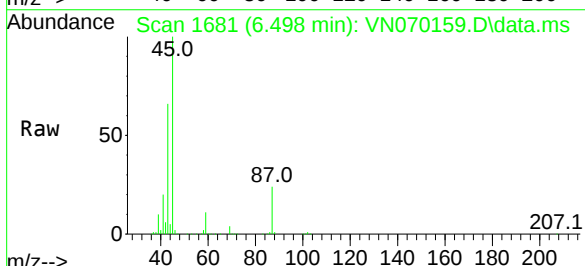
Ion Ratio Lower Upper

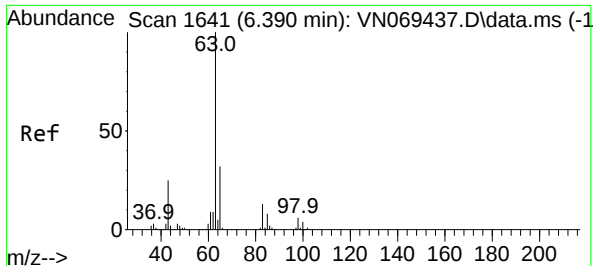
45 100

43 63.6 51.0 76.4

87 24.0 25.0 37.4#

59 10.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.200 ug/l

RT: 6.388 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

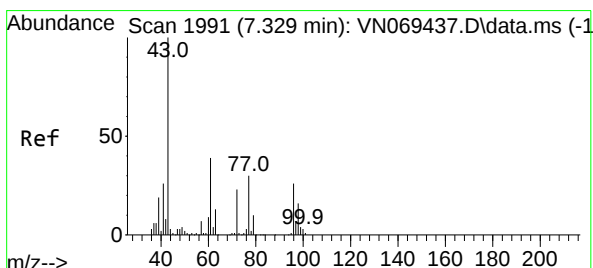
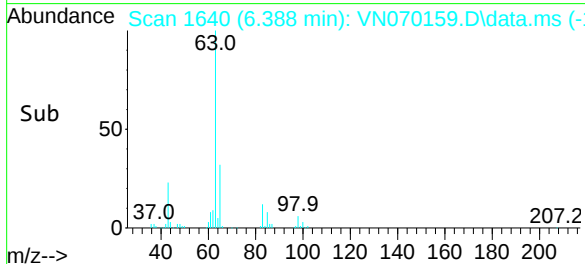
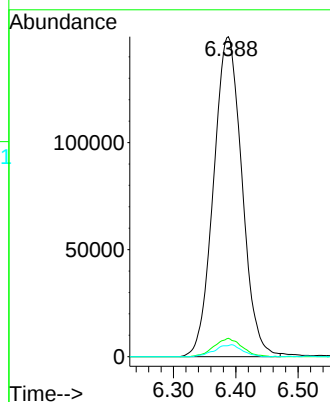
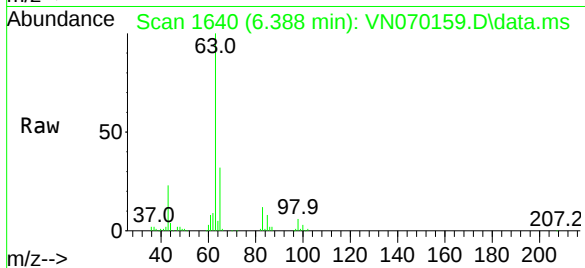
Tgt Ion: 63 Resp: 473097

Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 3.5 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.248 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

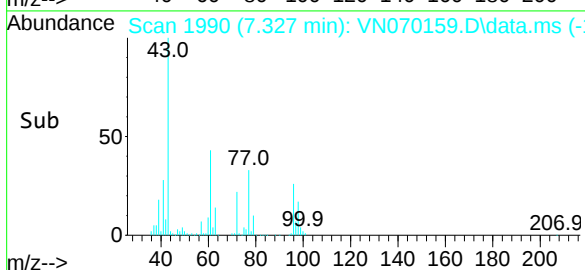
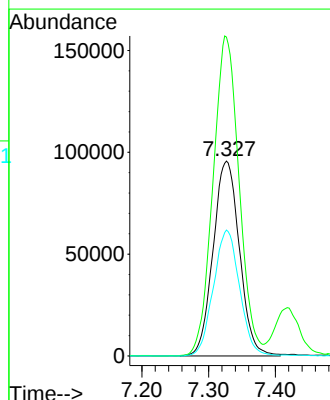
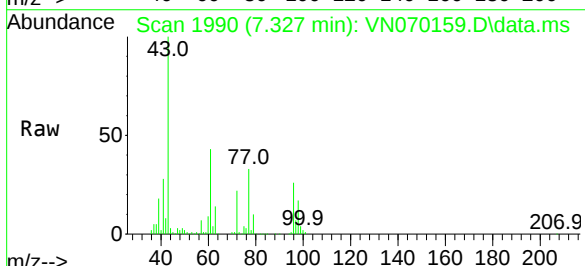
Tgt Ion: 96 Resp: 262591

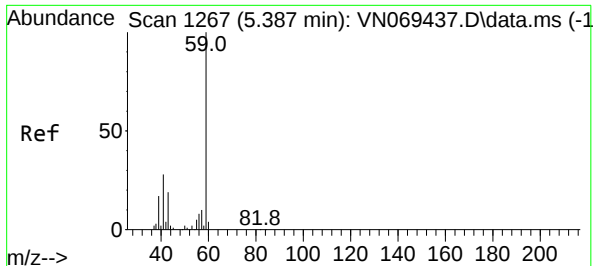
Ion Ratio Lower Upper

96 100

61 162.7 115.7 173.5

98 64.2 51.6 77.4

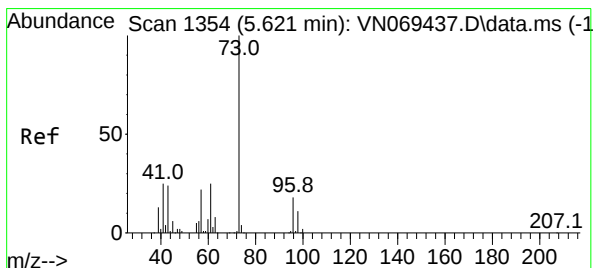
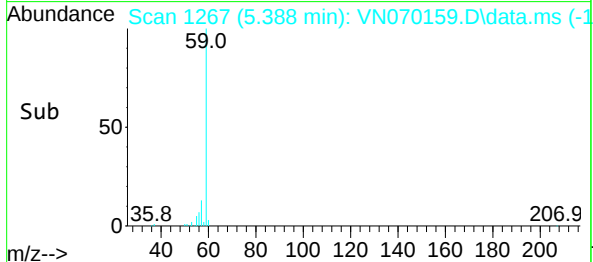
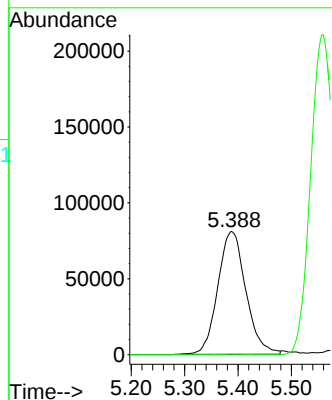
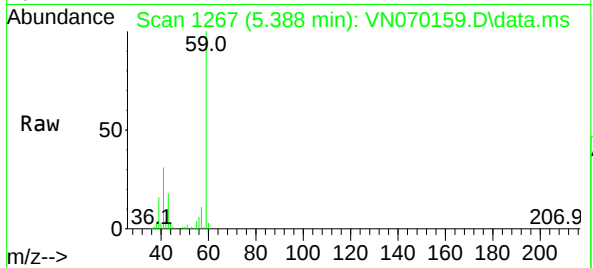




#23
tert-Butyl Alcohol
Concen: 120.842 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.013 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

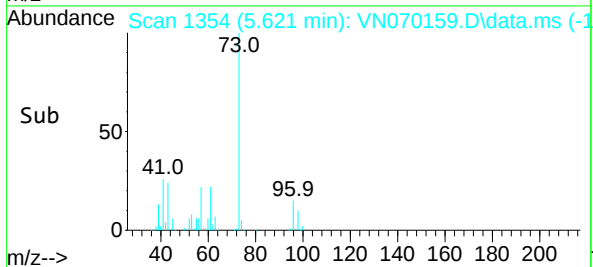
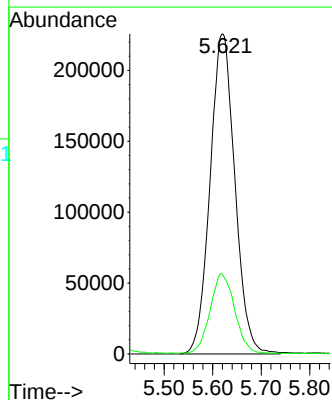
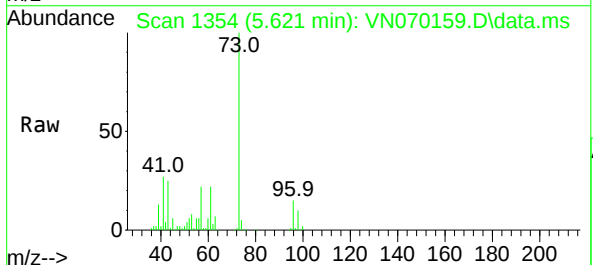
Instrument :
MSVOA_N
ClientSampleId :

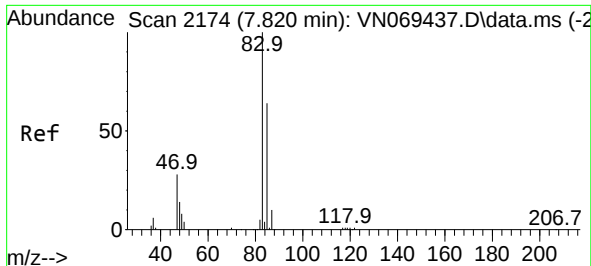
Tgt Ion: 59 Resp: 294836
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.806 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 73 Resp: 801785
Ion Ratio Lower Upper
73 100
43 24.3 18.1 27.1

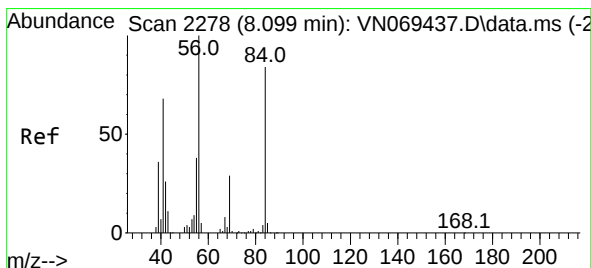
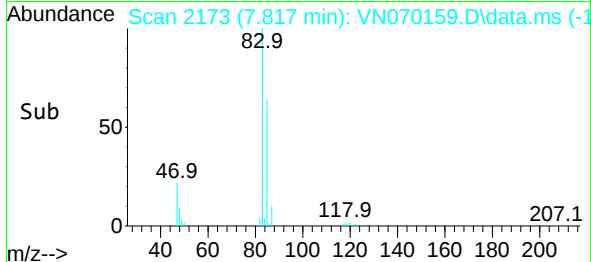
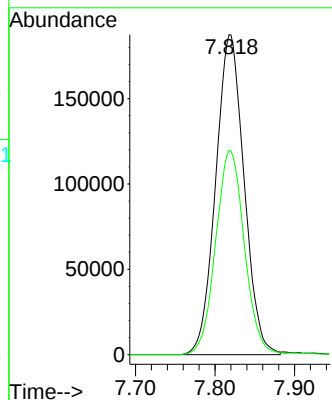
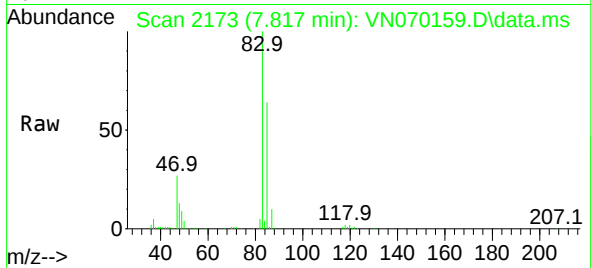




#25
Chloroform
Concen: 19.002 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

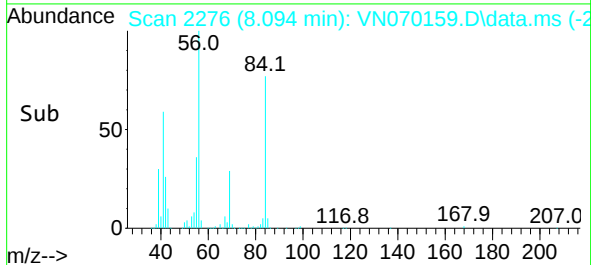
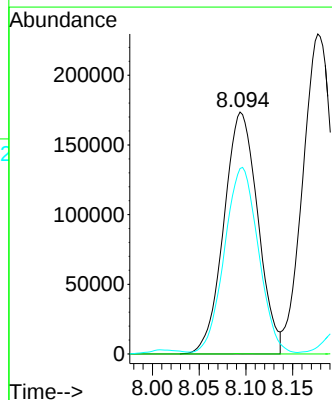
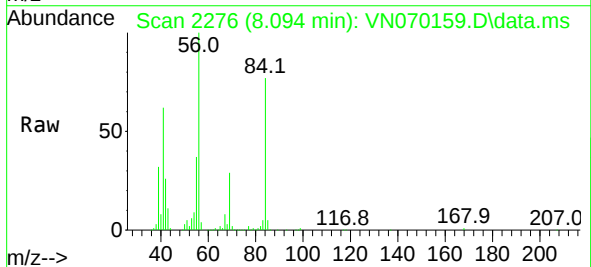
Instrument :
MSVOA_N
ClientSampleId :

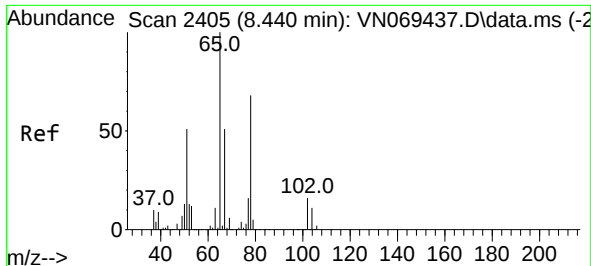
Tgt Ion: 83 Resp: 465194
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9



#26
Cyclohexane
Concen: 19.282 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 56 Resp: 439795
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 77.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.467 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

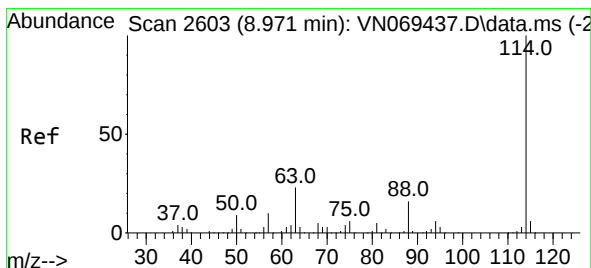
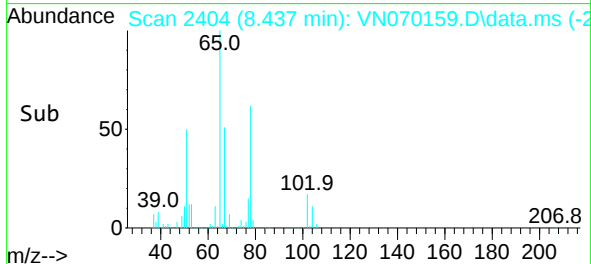
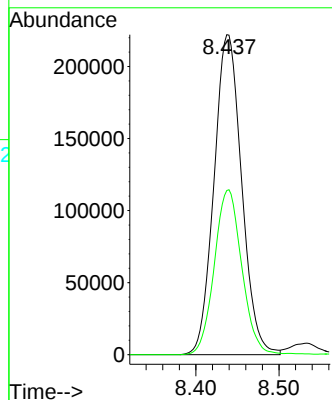
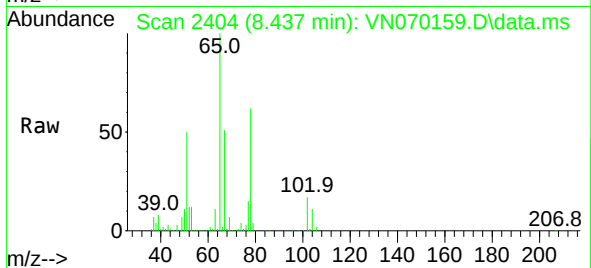
ClientSampleId :

Tgt Ion: 65 Resp: 513600

Ion Ratio Lower Upper

65 100

67 51.2 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

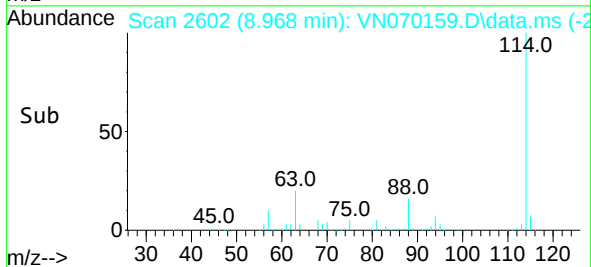
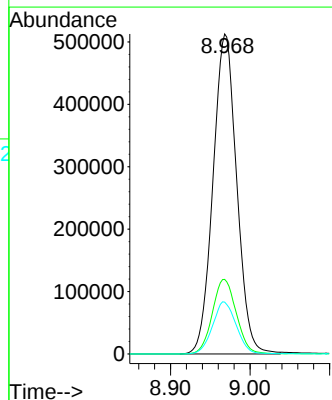
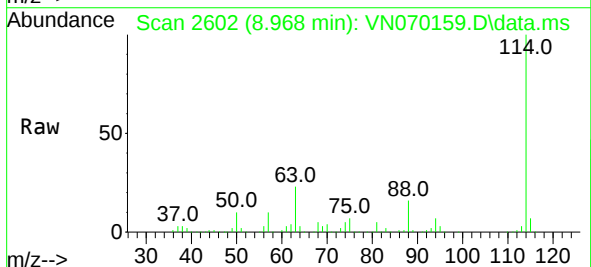
Tgt Ion: 114 Resp: 1061618

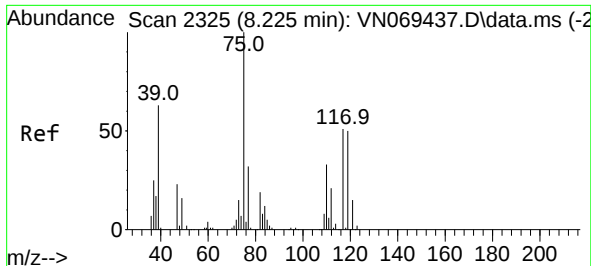
Ion Ratio Lower Upper

114 100

63 23.6 15.8 23.6

88 16.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 18.446 ug/l

RT: 8.220 min Scan# 21

Delta R.T. -0.003 min

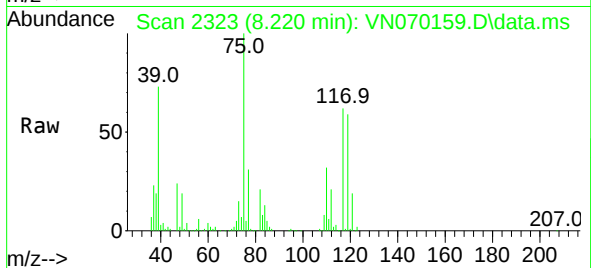
Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :



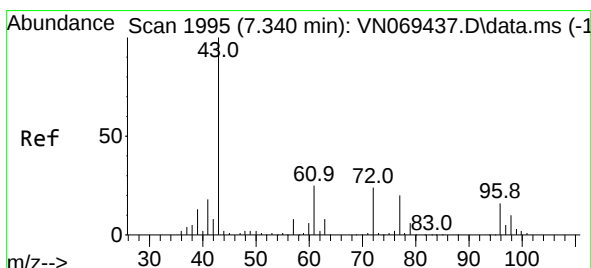
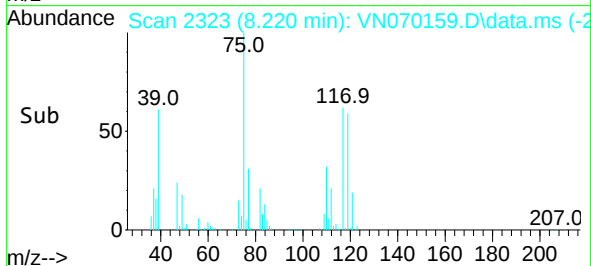
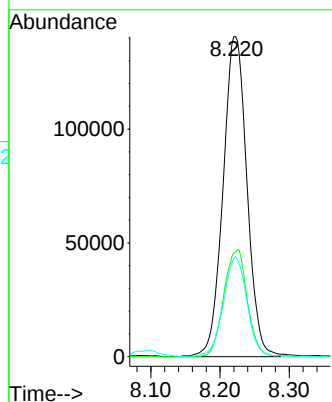
Tgt Ion: 75 Resp: 337177

Ion Ratio Lower Upper

75 100

110 32.9 0.0 74.2

77 30.9 0.0 63.2



#30

2-Butanone

Concen: 104.234 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

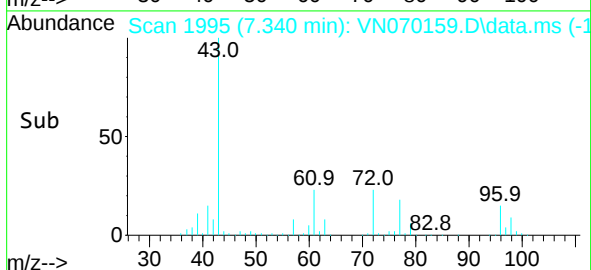
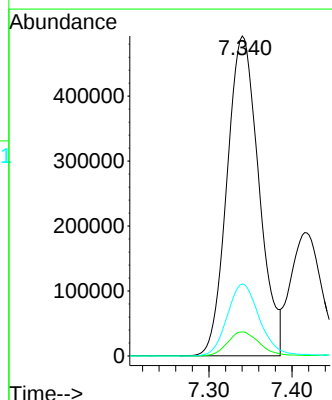
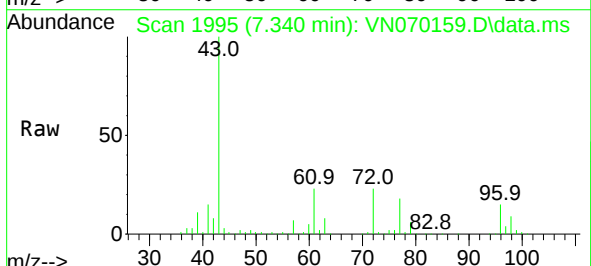
Tgt Ion: 43 Resp: 1310887

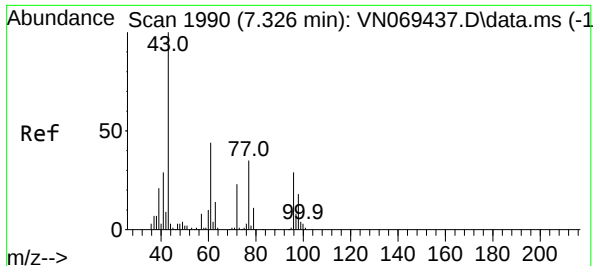
Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

72 22.8 23.2 34.8#





#31

2,2-Dichloropropane

Concen: 18.300 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

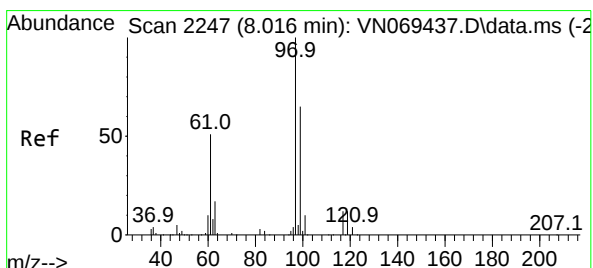
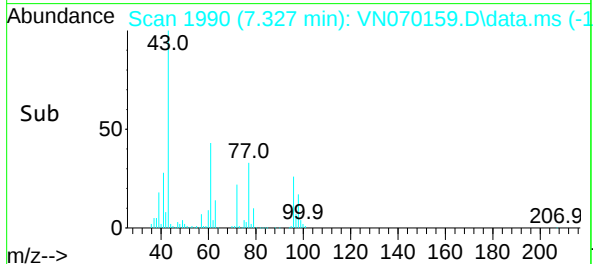
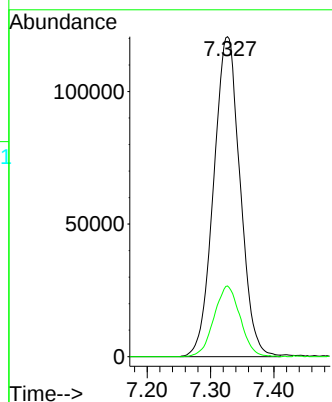
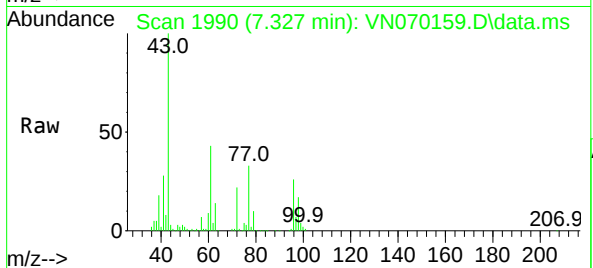
ClientSampleId :

Tgt Ion: 77 Resp: 349804

Ion Ratio Lower Upper

77 100

97 21.5 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.376 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

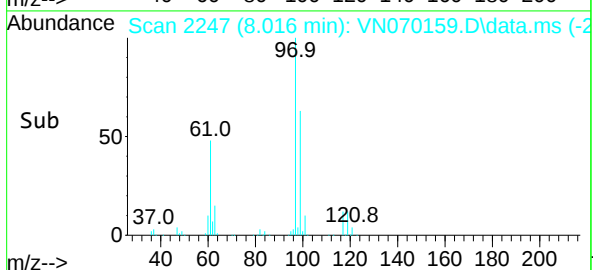
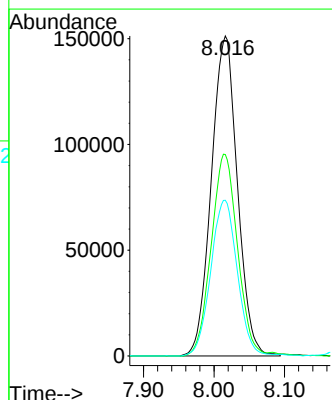
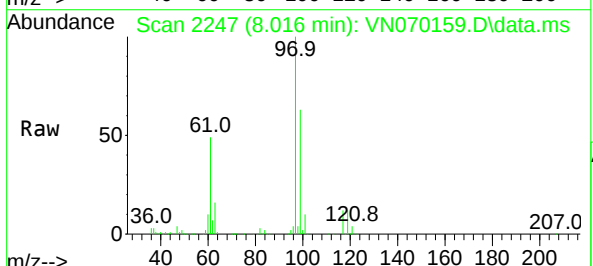
Tgt Ion: 97 Resp: 389021

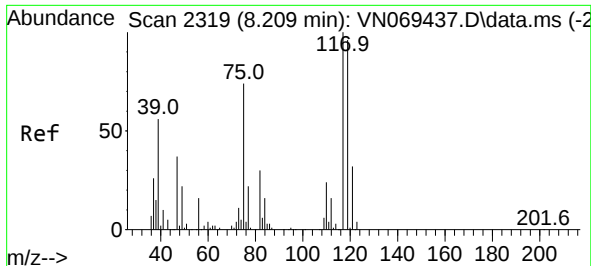
Ion Ratio Lower Upper

97 100

99 63.4 50.4 75.6

61 49.5 34.6 51.8

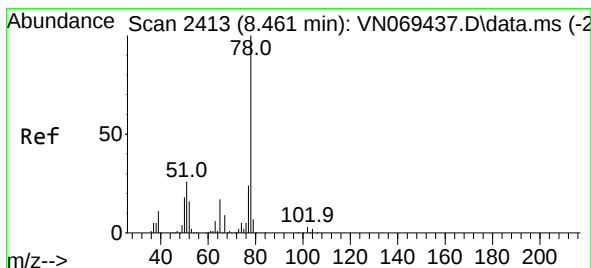
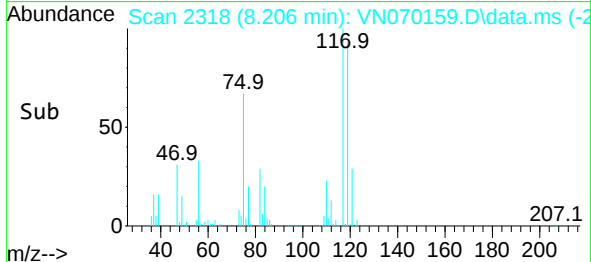
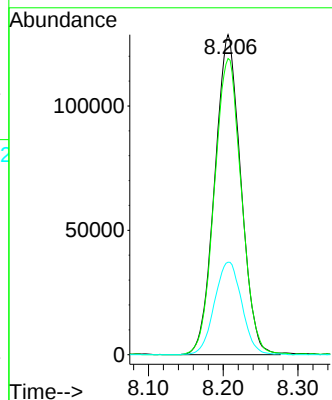
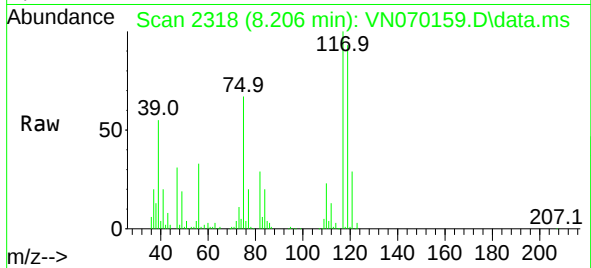




#33
Carbon Tetrachloride
Concen: 16.571 ug/l
RT: 8.206 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

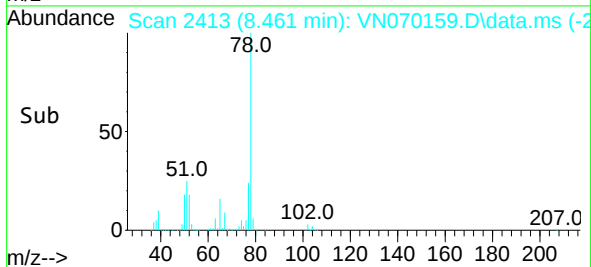
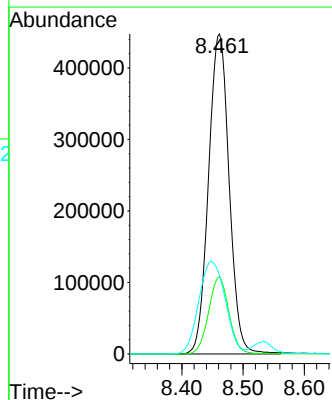
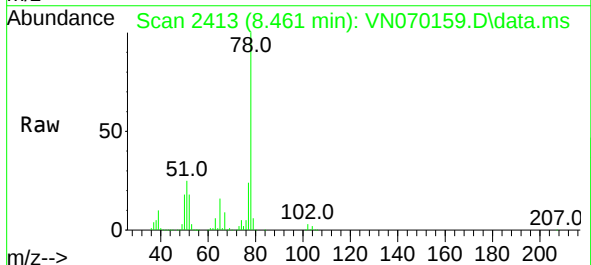
Instrument :
MSVOA_N
ClientSampleId :

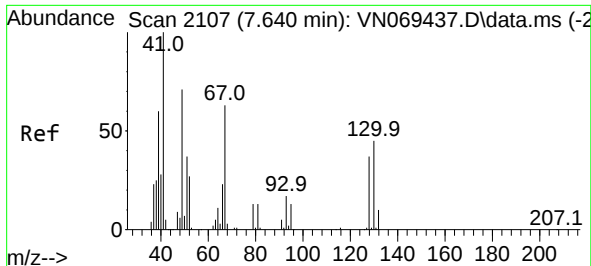
Tgt Ion:117 Resp: 311846
Ion Ratio Lower Upper
117 100
119 92.6 77.5 116.3
121 28.9 23.5 35.3



#34
Benzene
Concen: 19.351 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

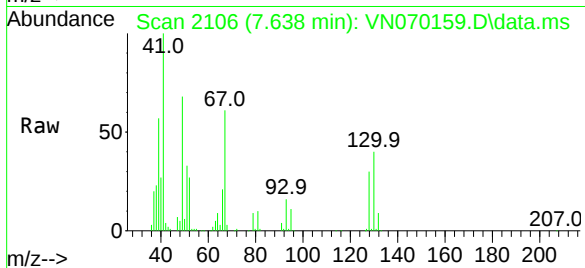
Tgt Ion: 78 Resp: 1045756
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 24.3 16.0 24.0#



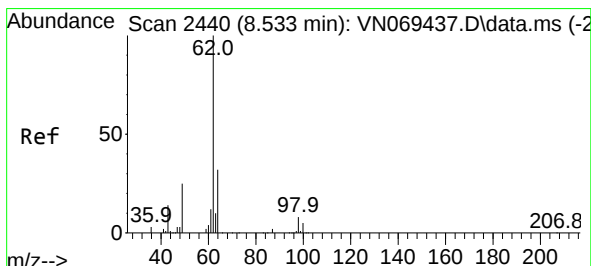
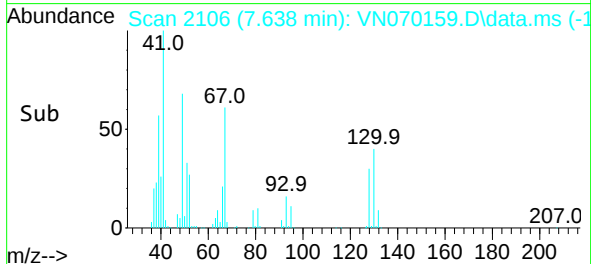
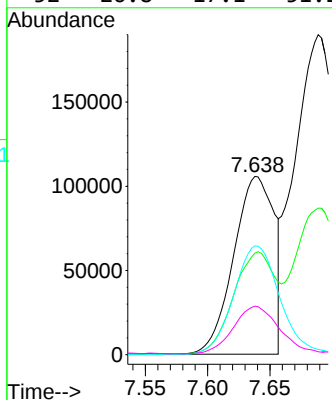


#35
Methacrylonitrile
Concen: 20.456 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :

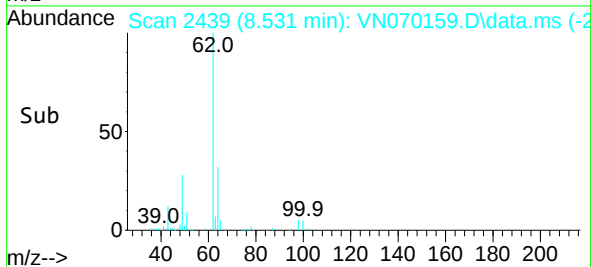
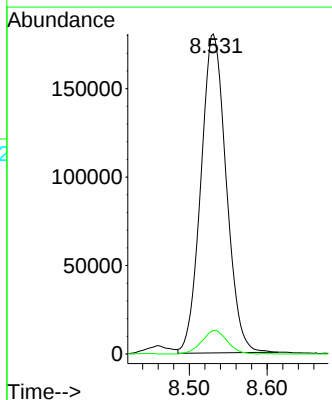
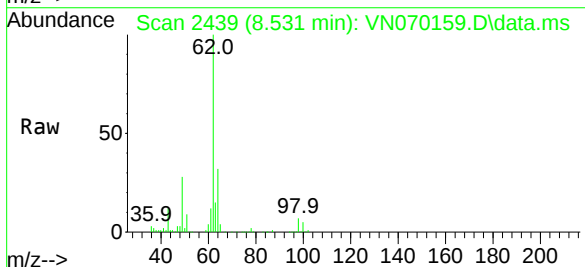


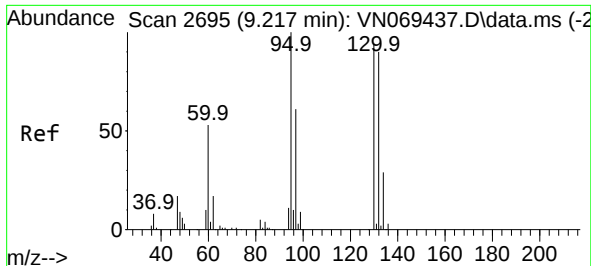
Tgt Ion: 41 Resp: 237979
Ion Ratio Lower Upper
41 100
39 56.8 28.0 83.9
67 61.2 37.7 113.1
52 26.8 17.1 51.2



#36
1,2-Dichloroethane
Concen: 19.127 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 62 Resp: 408035
Ion Ratio Lower Upper
62 100
98 7.4 6.6 10.0

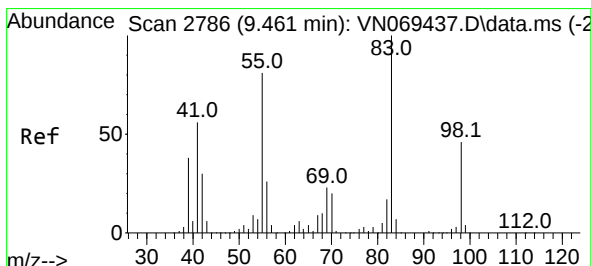
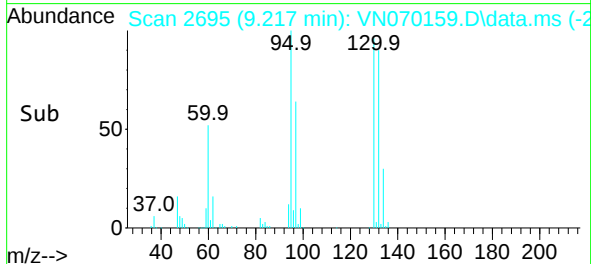
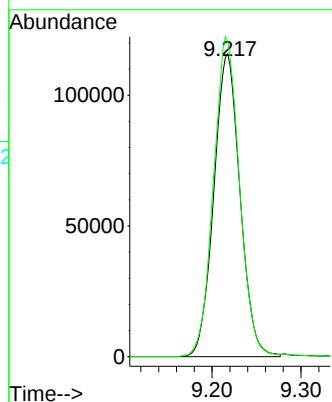
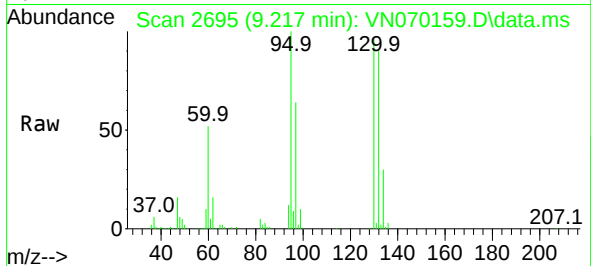




#37
Trichloroethene
Concen: 18.432 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

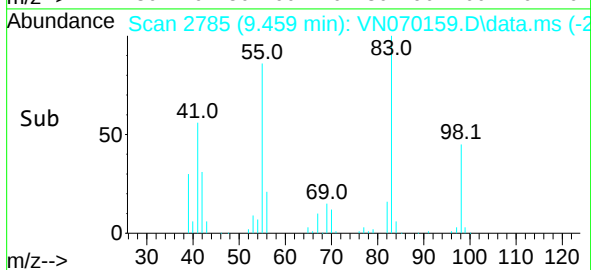
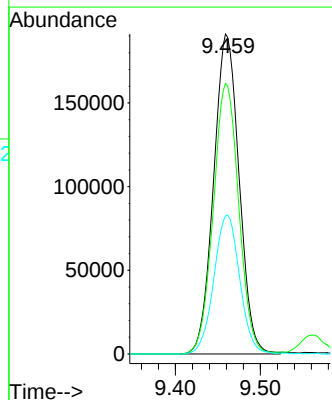
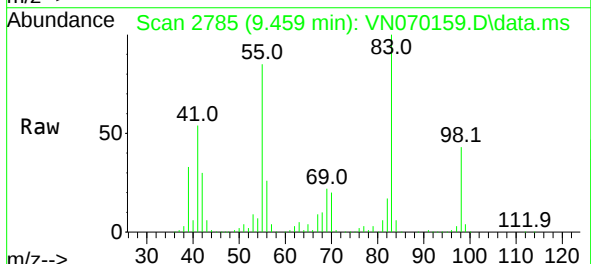
Instrument :
MSVOA_N
ClientSampleId :

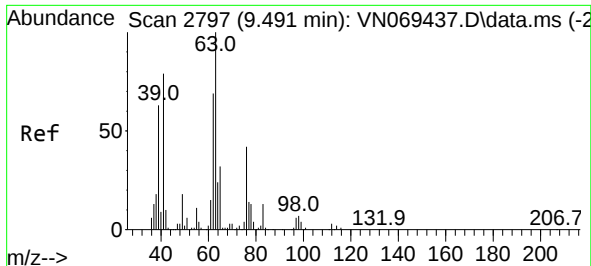
Tgt Ion:130 Resp: 236915
Ion Ratio Lower Upper
130 100
95 104.0 76.6 115.0



#38
Methylcyclohexane
Concen: 18.325 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 83 Resp: 398177
Ion Ratio Lower Upper
83 100
55 84.7 35.1 105.3
98 44.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.098 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

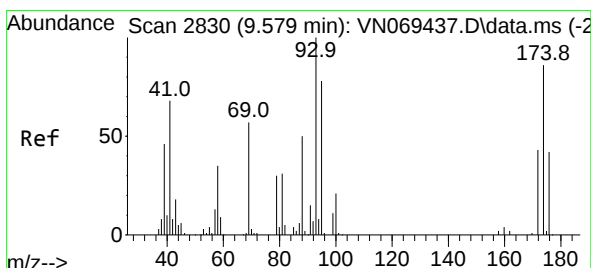
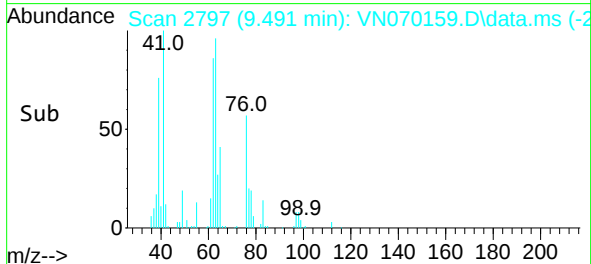
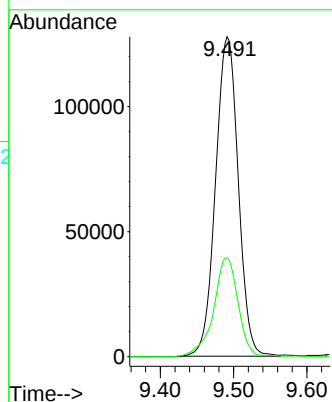
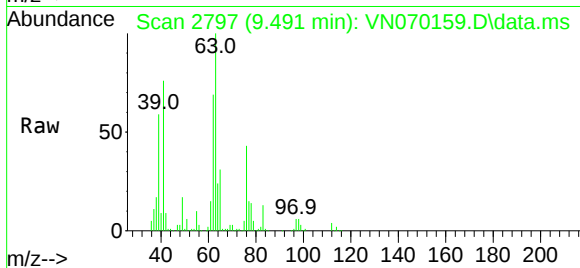
ClientSampleId :

Tgt Ion: 63 Resp: 275153

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



#40

Dibromomethane

Concen: 18.535 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

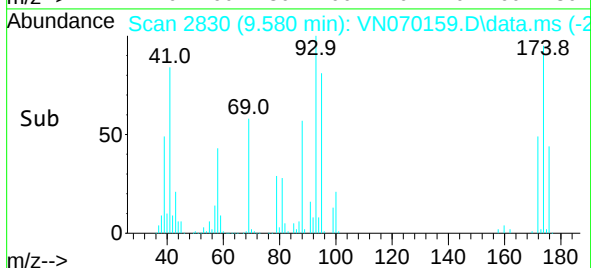
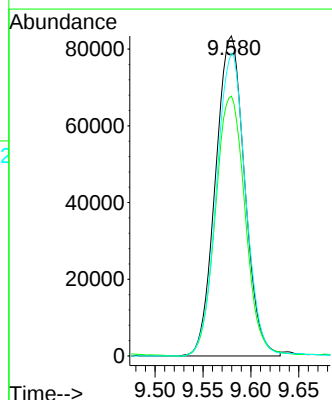
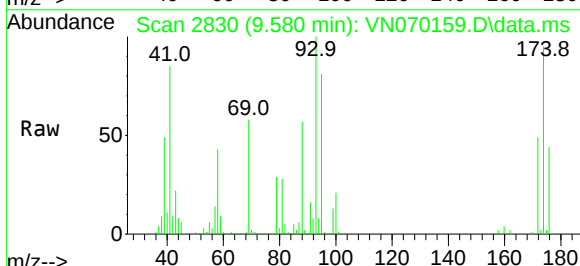
Tgt Ion: 93 Resp: 176148

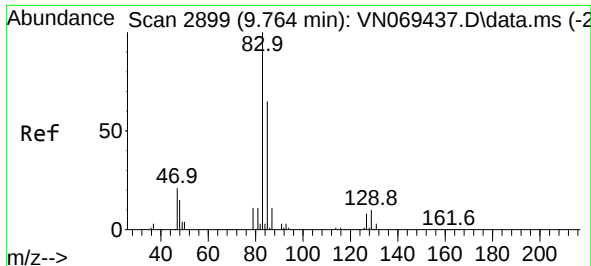
Ion Ratio Lower Upper

93 100

95 83.2 0.0 168.8

174 94.7 0.0 173.6

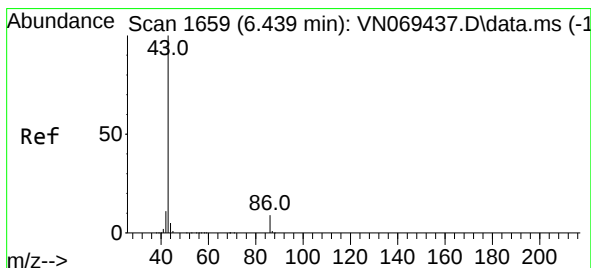
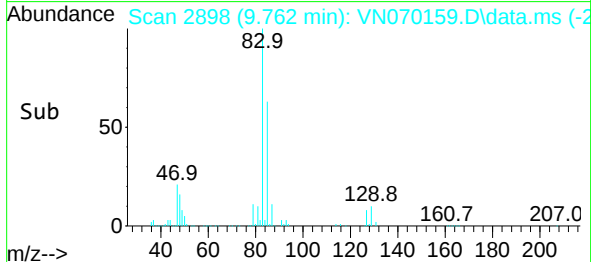
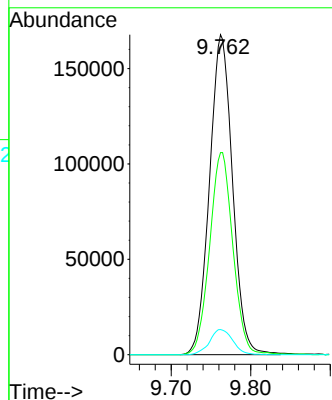
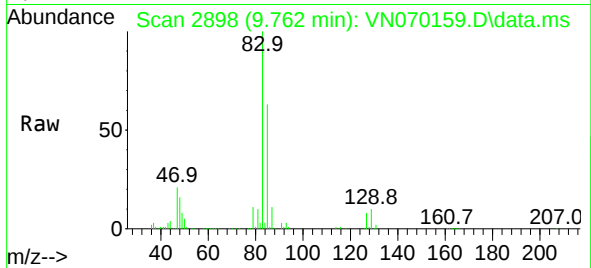




#41
Bromodichloromethane
Concen: 16.777 ug/l
RT: 9.762 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

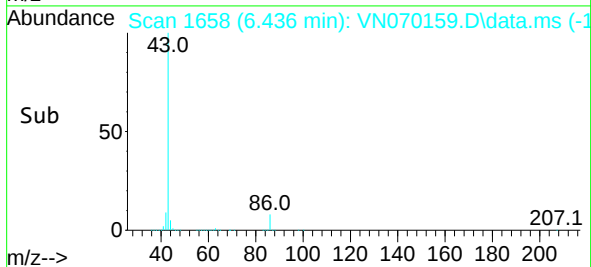
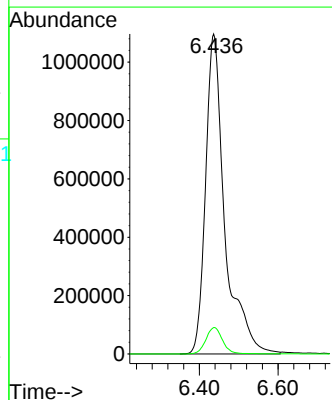
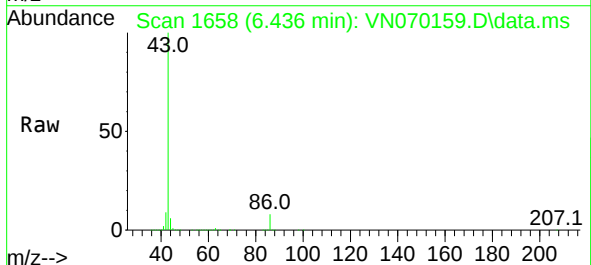
Instrument :
MSVOA_N
ClientSampleId :

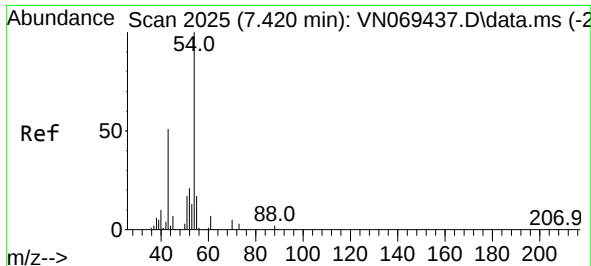
Tgt Ion: 83 Resp: 337149
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 7.9 7.6 11.4



#42
Vinyl Acetate
Concen: 100.764 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 43 Resp: 3722602
Ion Ratio Lower Upper
43 100
86 7.2 7.5 11.3#

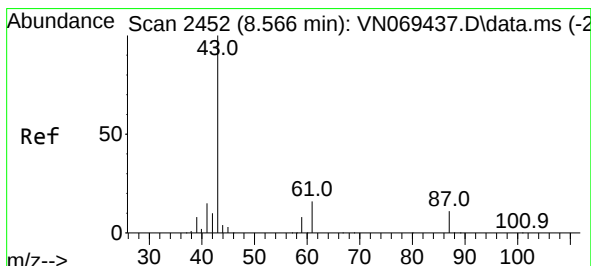
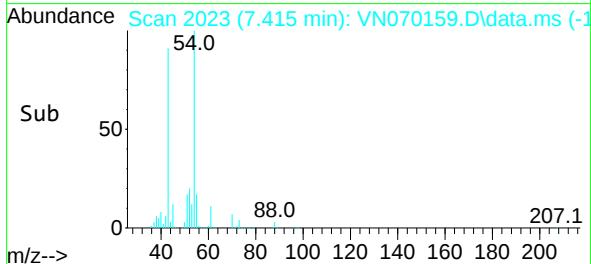
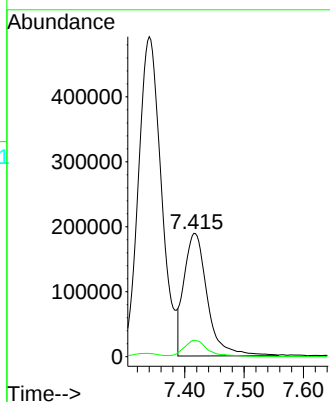
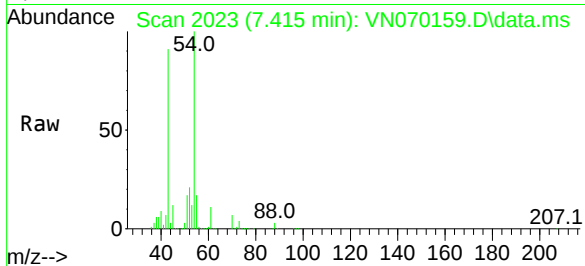




#43
Ethyl Acetate
Concen: 23.557 ug/l
RT: 7.415 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

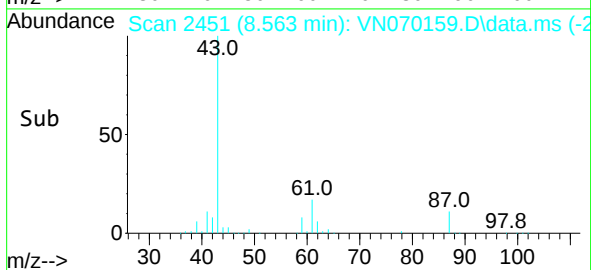
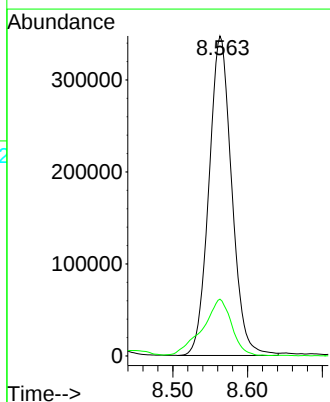
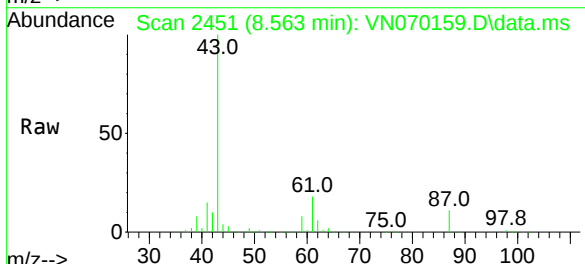
Instrument :
MSVOA_N
ClientSampleId :

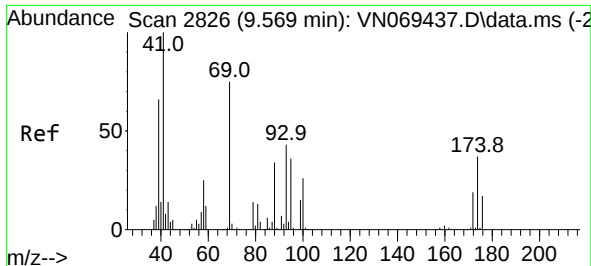
Tgt Ion: 43 Resp: 514593
Ion Ratio Lower Upper
43 100
45 10.7 10.6 16.0



#44
Isopropyl Acetate
Concen: 20.901 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 43 Resp: 734926
Ion Ratio Lower Upper
43 100
61 22.6 20.1 30.1

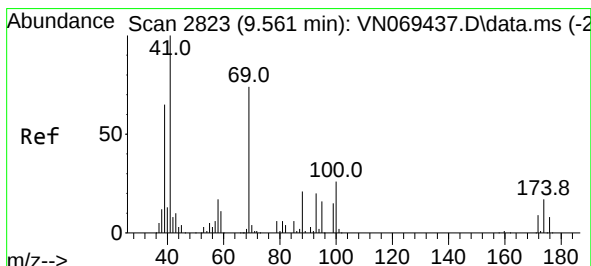
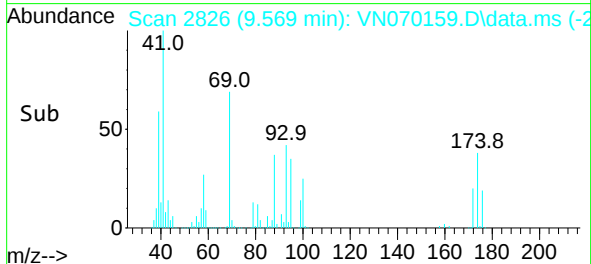
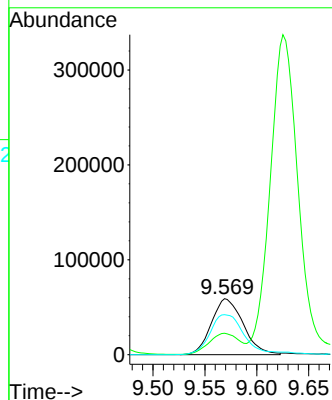
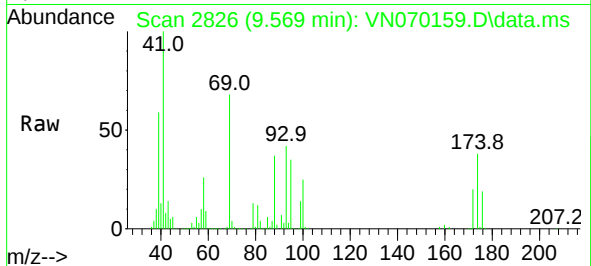




#45
1,4-Dioxane
Concen: 505.781 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

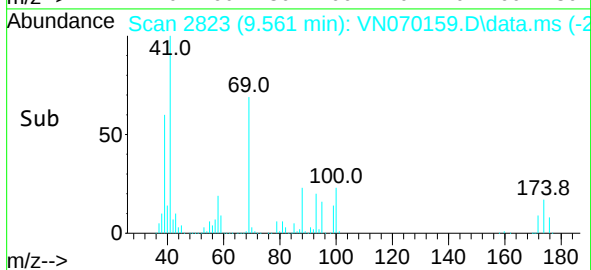
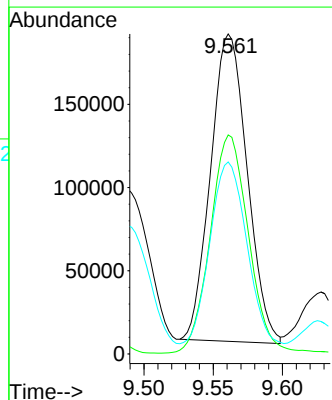
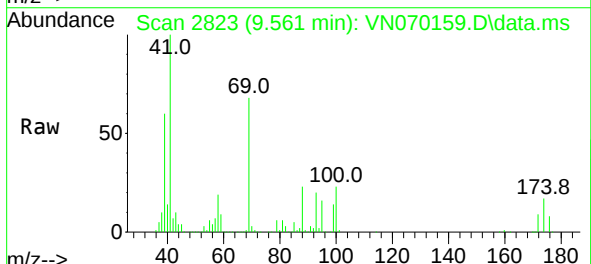
Instrument :
MSVOA_N
ClientSampleId :

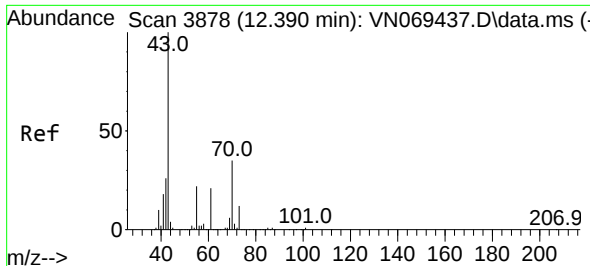
Tgt Ion: 88 Resp: 125850
Ion Ratio Lower Upper
88 100
43 36.1 25.0 37.6
58 76.2 49.4 74.2#



#46
Methyl methacrylate
Concen: 20.379 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

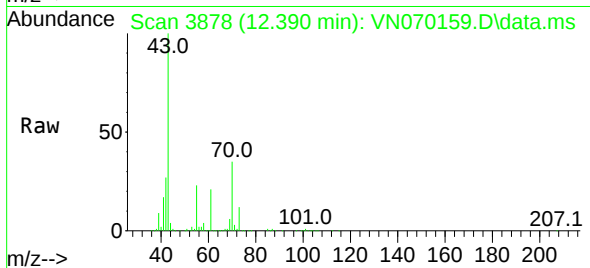
Tgt Ion: 41 Resp: 339373
Ion Ratio Lower Upper
41 100
69 70.5 44.4 133.2
39 59.6 39.9 119.6



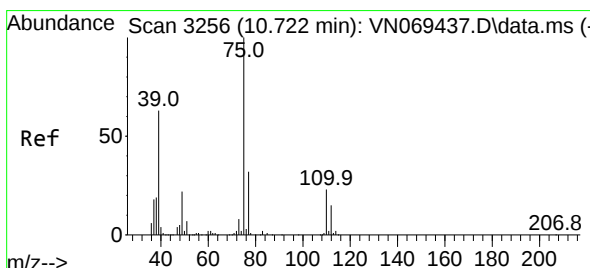
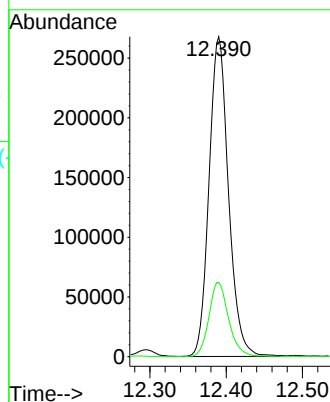
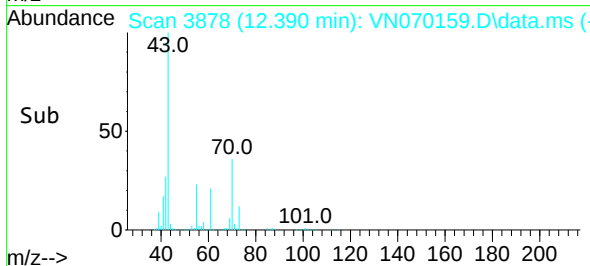


#47
n-amyl acetate
Concen: 19.304 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

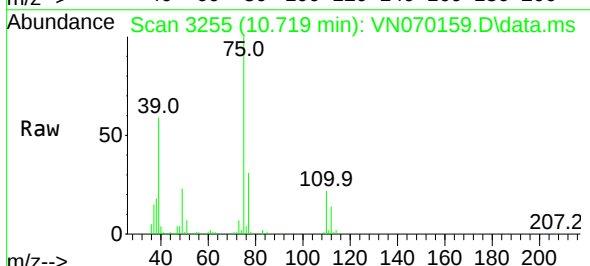
Instrument :
MSVOA_N
ClientSampleId :



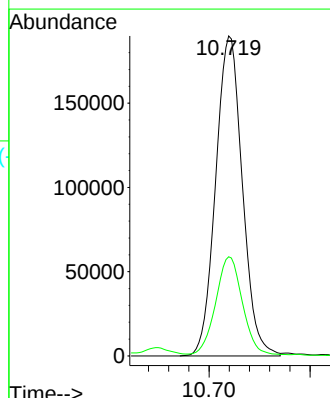
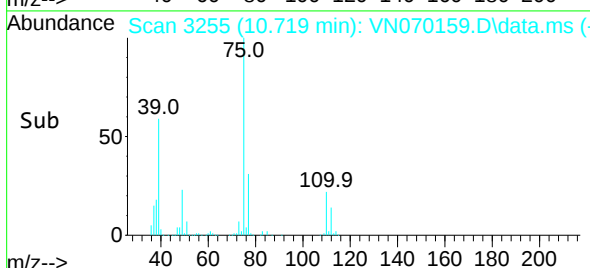
Tgt Ion: 43 Resp: 473341
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.6

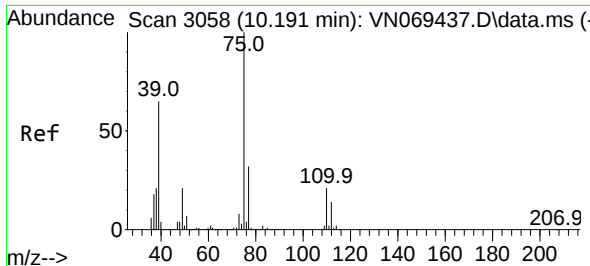


#48
t-1,3-Dichloropropene
Concen: 17.184 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57



Tgt Ion: 75 Resp: 347327
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.550 ug/l

RT: 10.191 min Scan# 3058

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

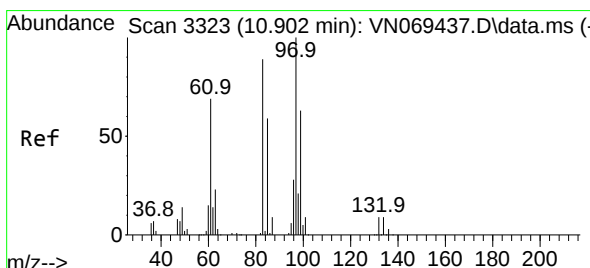
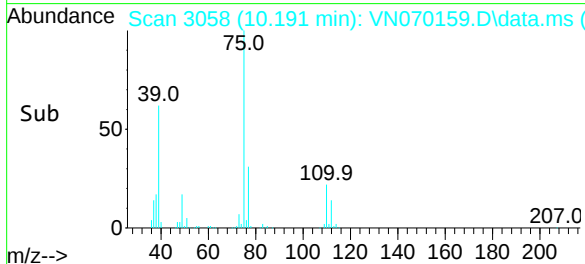
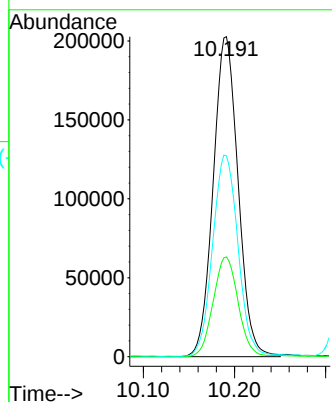
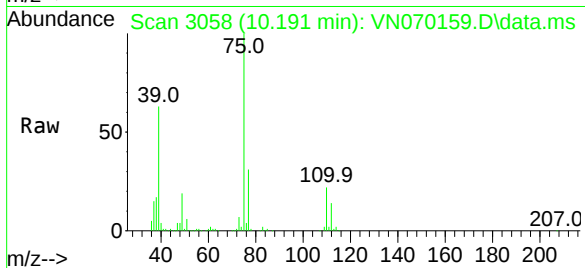
Tgt Ion: 75 Resp: 384958

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 62.6 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 19.191 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Tgt Ion: 97 Resp: 247911

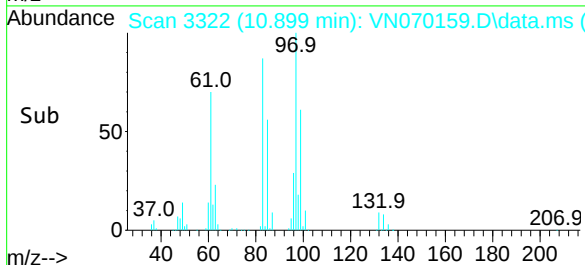
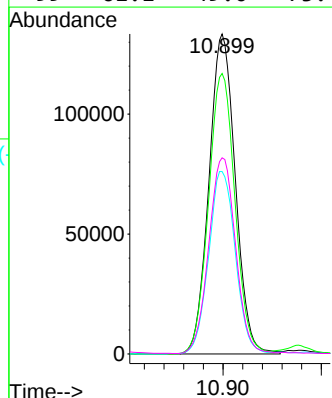
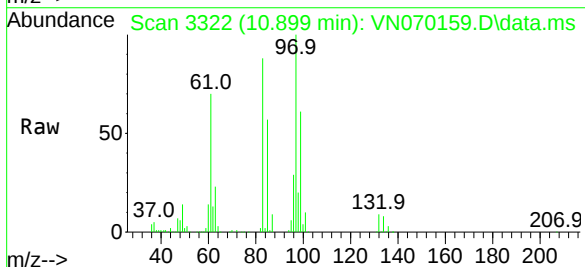
Ion Ratio Lower Upper

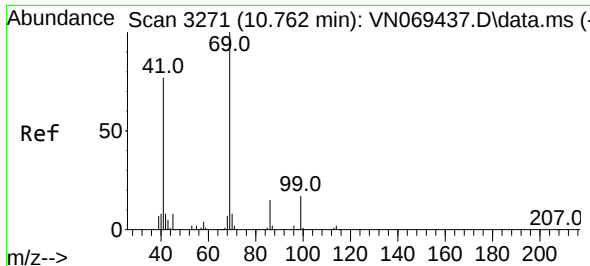
97 100

83 87.4 67.2 100.8

85 56.9 43.0 64.4

99 61.1 49.0 73.4

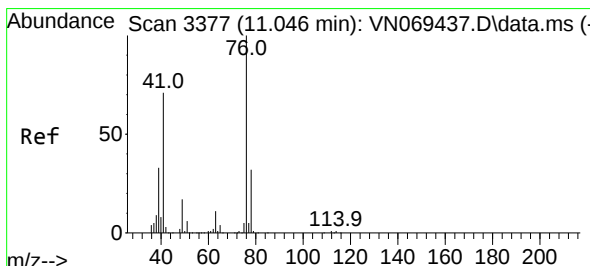
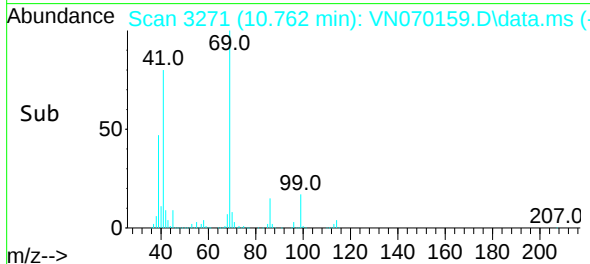
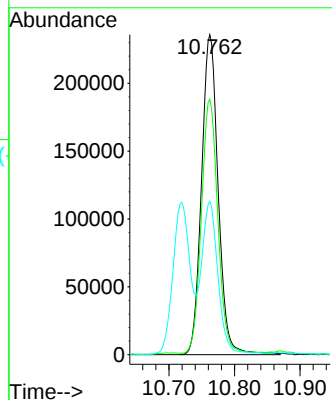
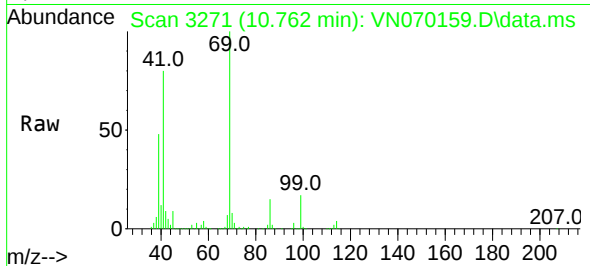




#51
Ethyl methacrylate
Concen: 20.144 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

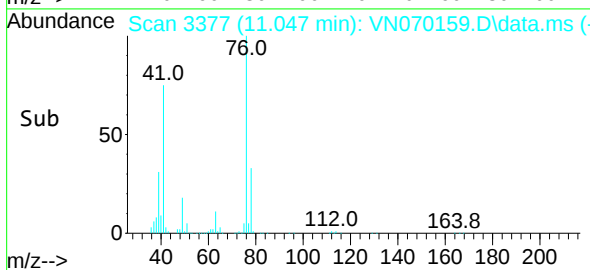
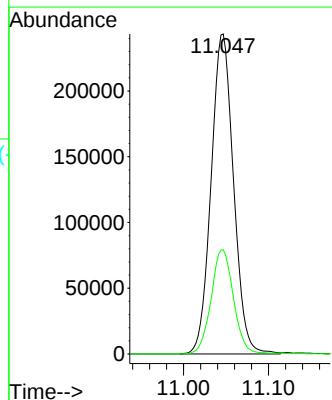
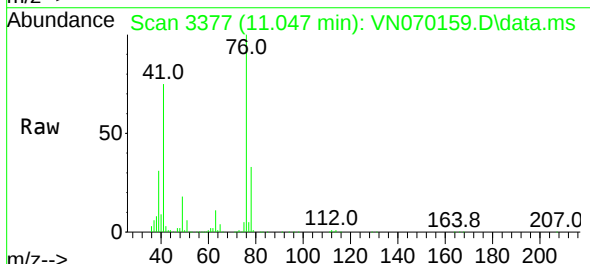
Instrument :
MSVOA_N
ClientSampleId :

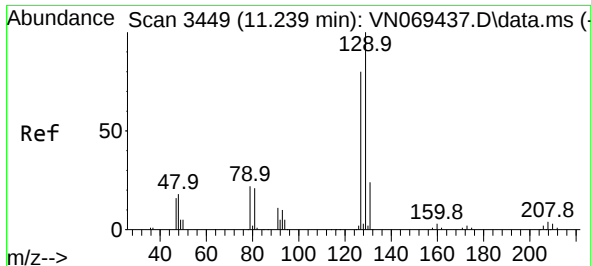
Tgt Ion: 69 Resp: 415895
Ion Ratio Lower Upper
69 100
41 79.4 33.0 98.9
39 47.3 25.4 76.4



#52
1,3-Dichloropropane
Concen: 19.494 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 76 Resp: 445896
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4

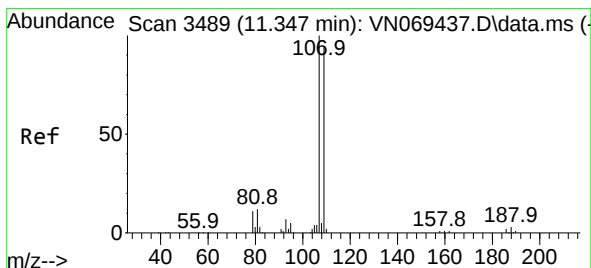
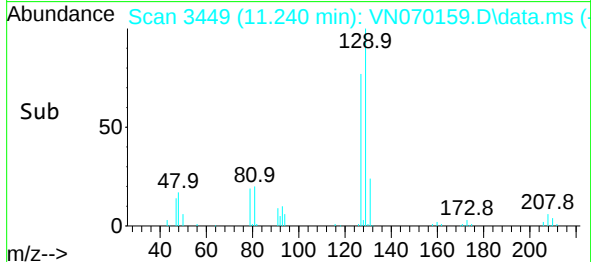
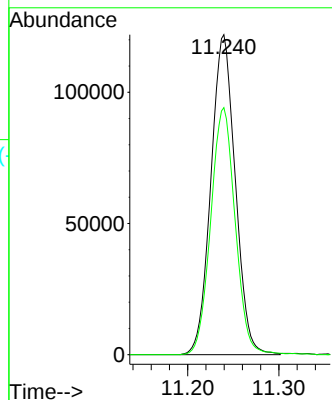
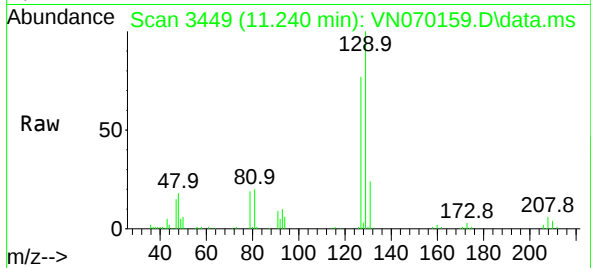




#53
Dibromochloromethane
Concen: 15.602 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

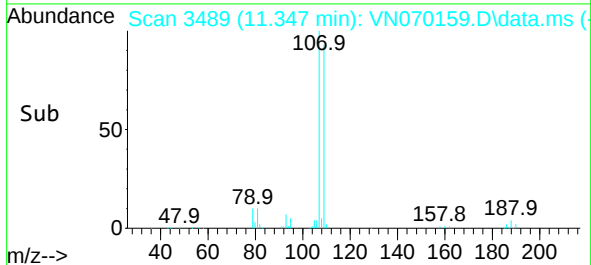
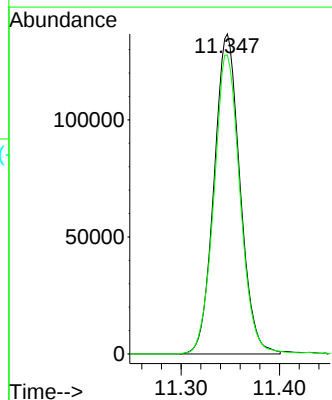
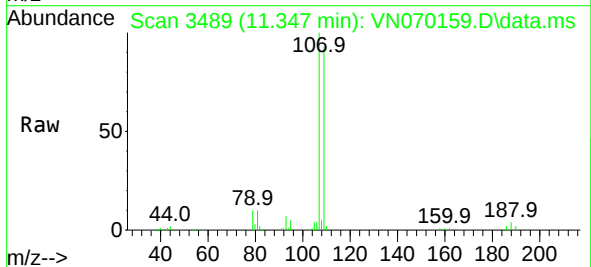
Instrument :
MSVOA_N
ClientSampleId :

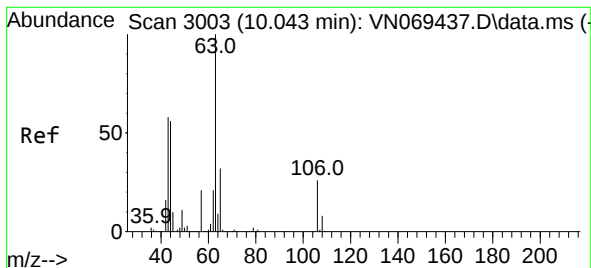
Tgt Ion:129 Resp: 226397
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0



#54
1,2-Dibromoethane
Concen: 19.033 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion:107 Resp: 250514
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2

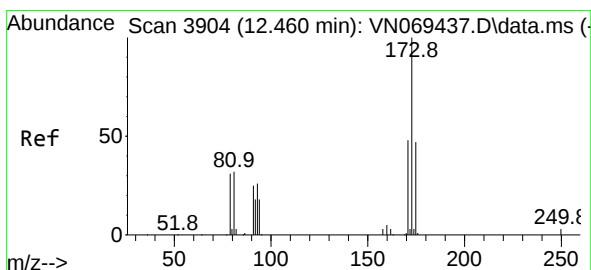
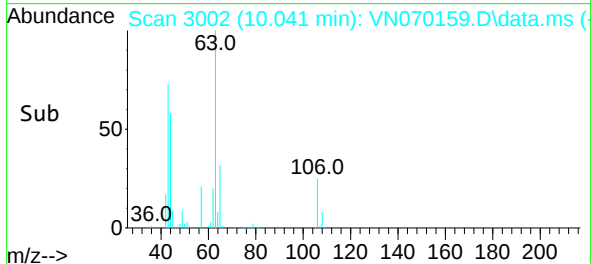
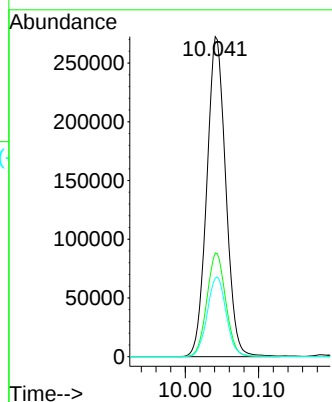
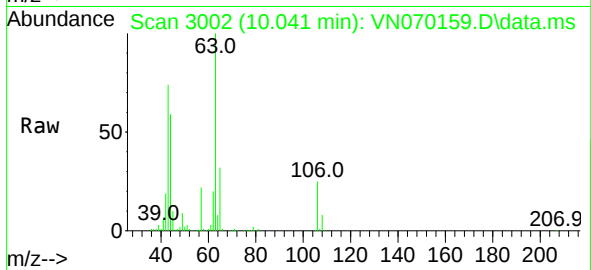




#55
2-Chloroethyl vinyl ether
Concen: 120.890 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

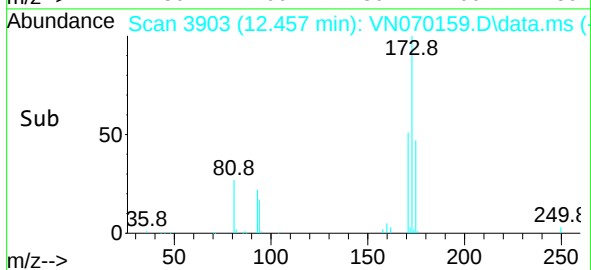
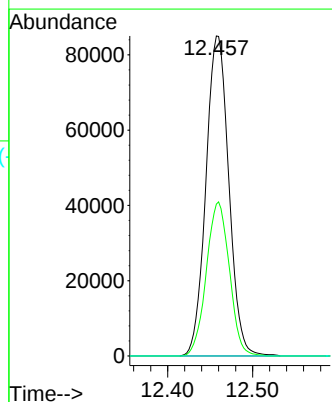
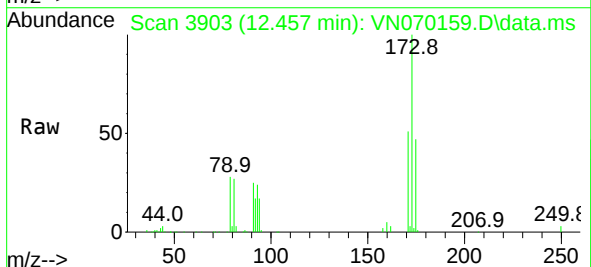
Instrument :
MSVOA_N
ClientSampleId :

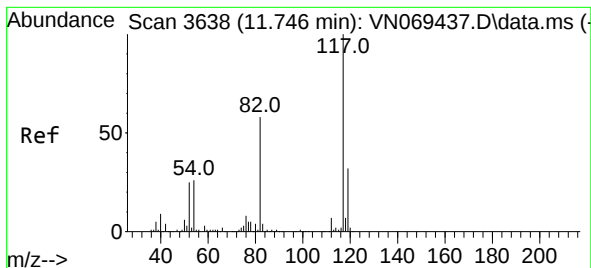
Tgt Ion: 63 Resp: 489301
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 25.0 23.2 34.8



#56
Bromoform
Concen: 14.418 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 173 Resp: 159298
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

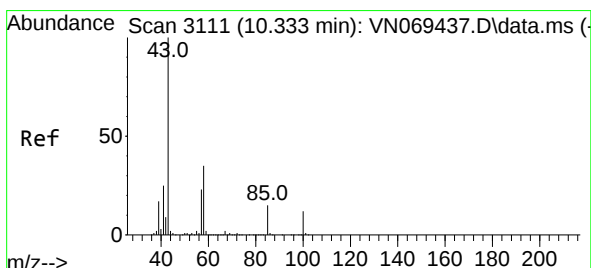
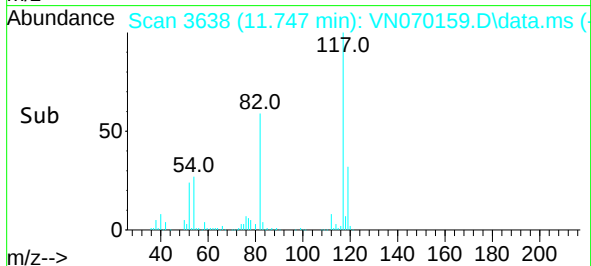
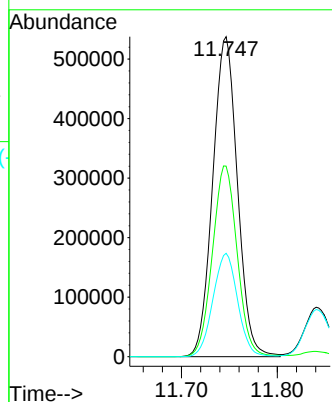
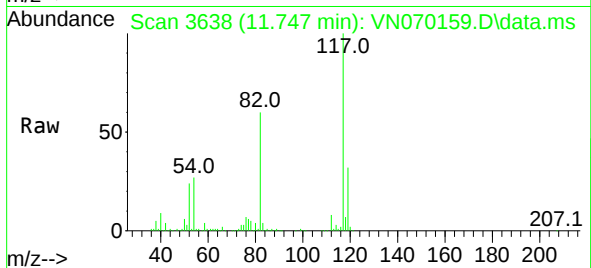
Tgt Ion:117 Resp: 961409

Ion Ratio Lower Upper

117 100

82 59.7 43.6 65.4

119 32.3 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 113.218 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

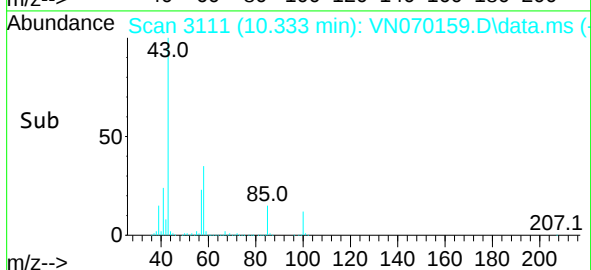
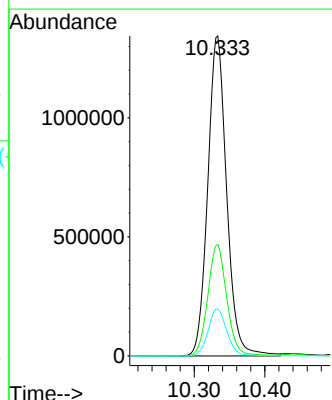
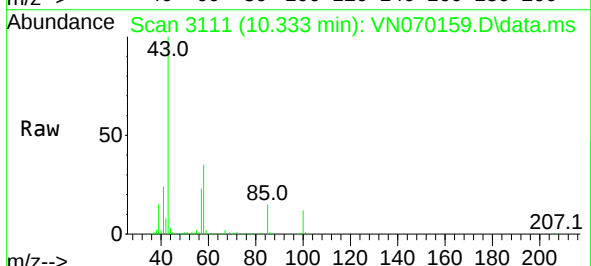
Tgt Ion: 43 Resp: 2498324

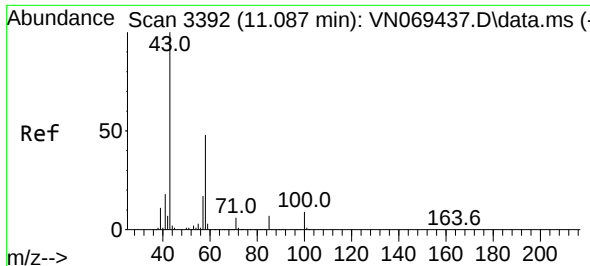
Ion Ratio Lower Upper

43 100

58 35.0 30.0 45.0

85 14.8 15.0 22.6#

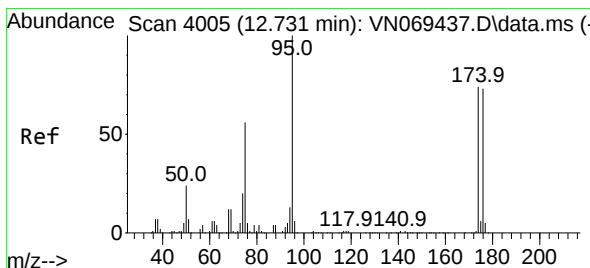
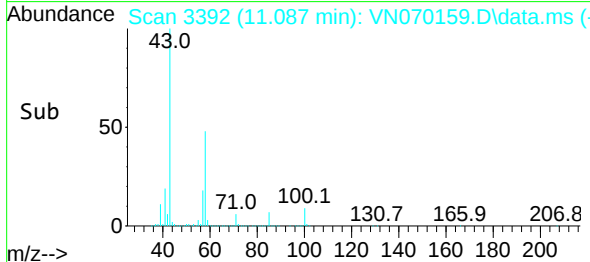
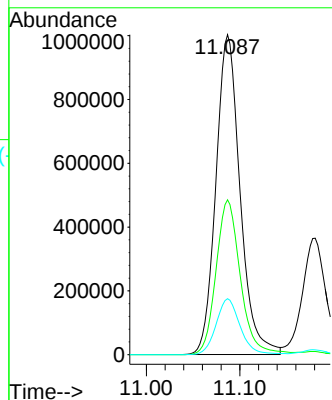
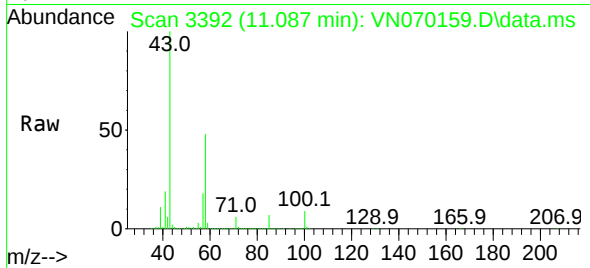




#59
2-Hexanone
Concen: 110.784 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

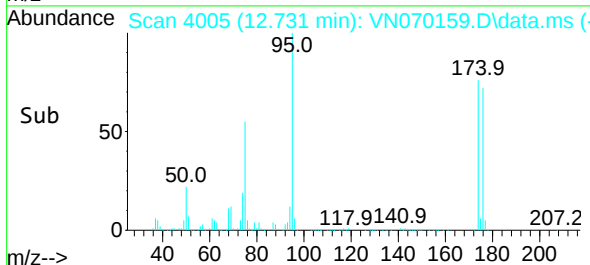
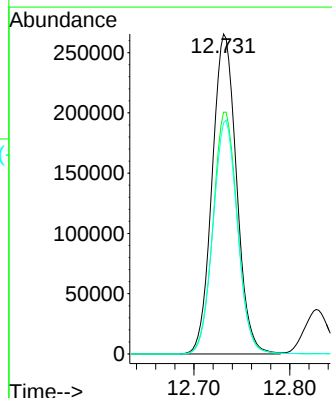
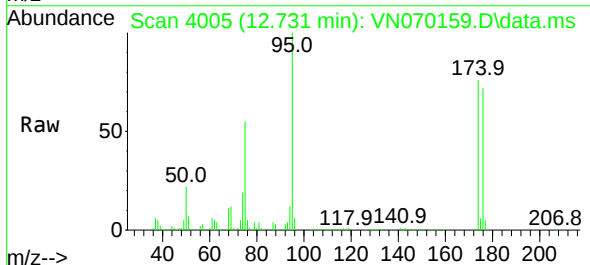
Instrument :
MSVOA_N
ClientSampleId :

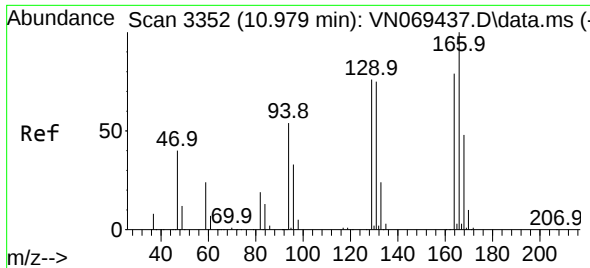
Tgt Ion: 43 Resp: 1807270
Ion Ratio Lower Upper
43 100
58 48.7 42.2 63.2
57 17.5 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.613 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 95 Resp: 468474
Ion Ratio Lower Upper
95 100
174 75.7 62.9 94.3
176 73.3 61.0 91.4

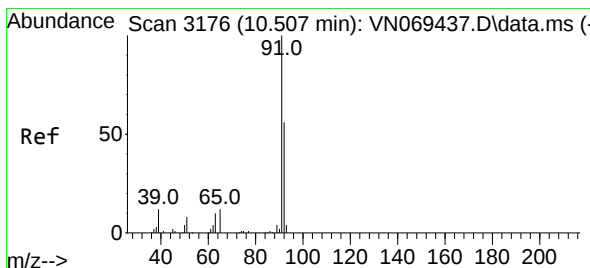
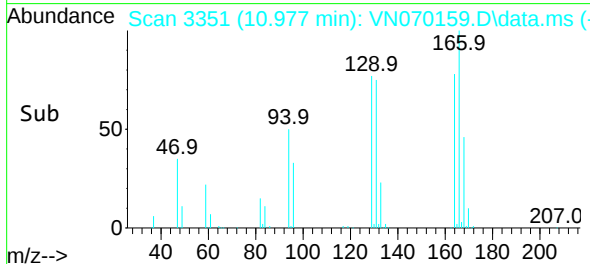
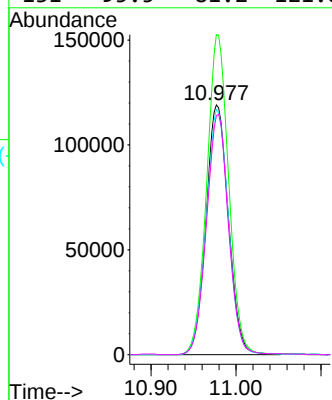
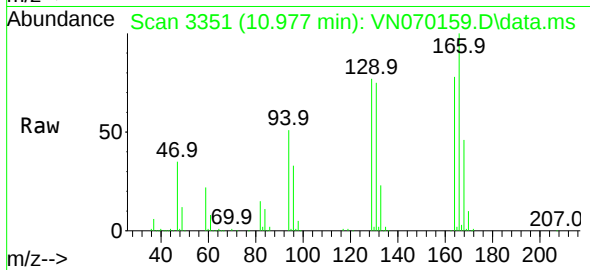




#61
Tetrachloroethene
Concen: 19.460 ug/l
RT: 10.977 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

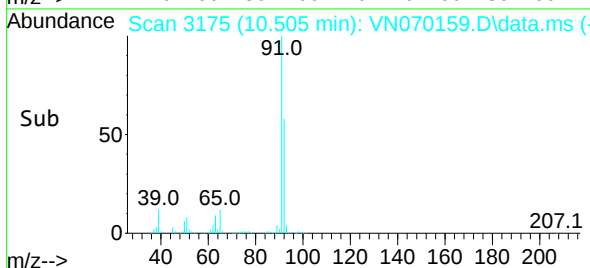
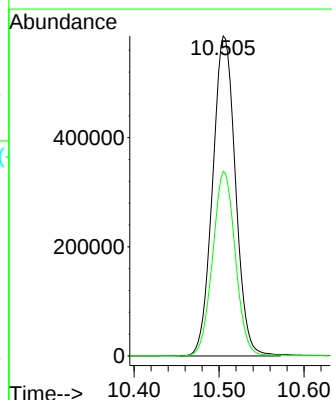
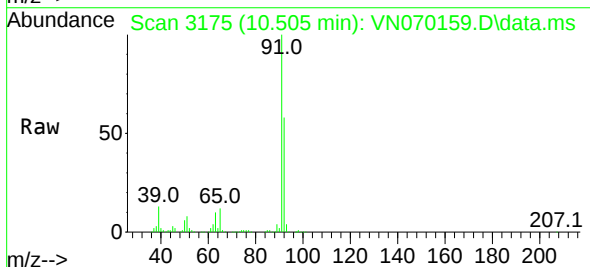
Instrument :
MSVOA_N
ClientSampleId :

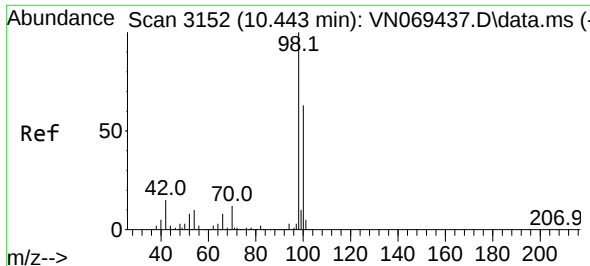
Tgt Ion:164 Resp: 218512
Ion Ratio Lower Upper
164 100
166 128.1 105.8 158.8
129 98.0 82.5 123.7
131 95.5 81.2 121.8



#62
Toluene
Concen: 19.394 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 91 Resp: 1096533
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0

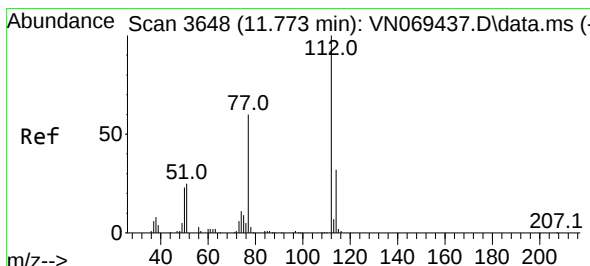
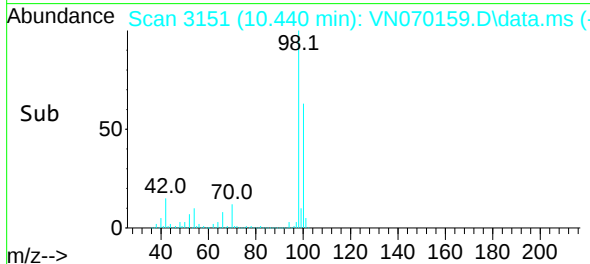
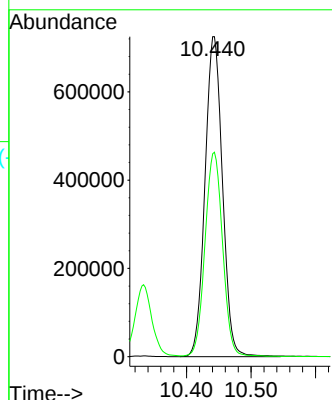
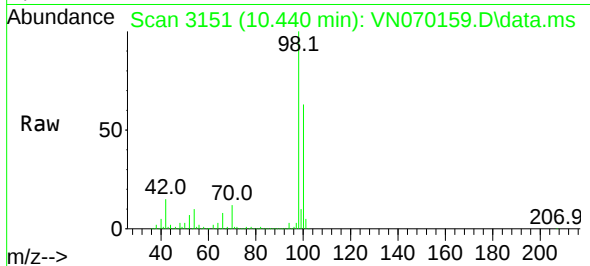




#63
Toluene-d8
Concen: 30.780 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

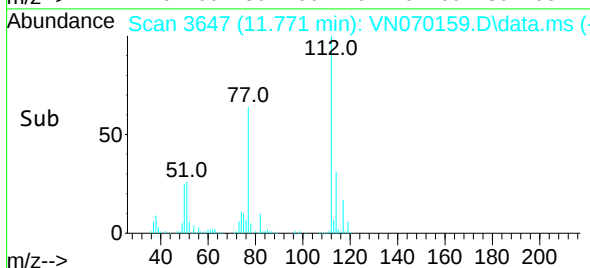
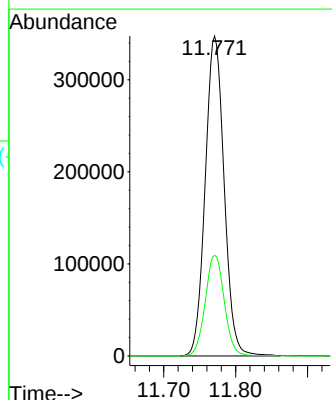
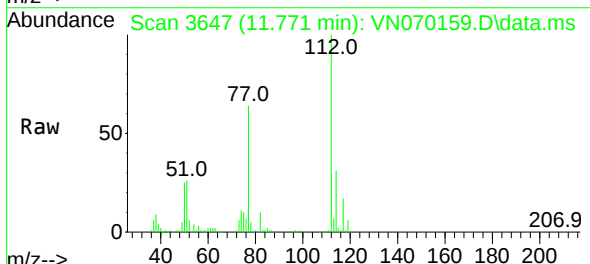
Instrument :
MSVOA_N
ClientSampleId :

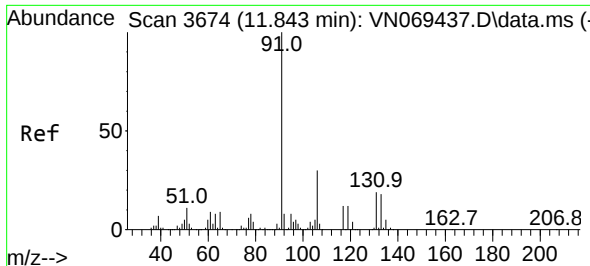
Tgt Ion: 98 Resp: 1367489
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0



#64
Chlorobenzene
Concen: 18.955 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 112 Resp: 636066
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

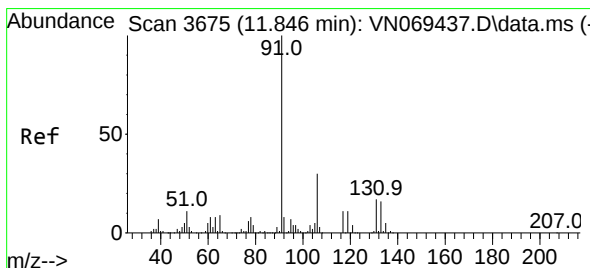
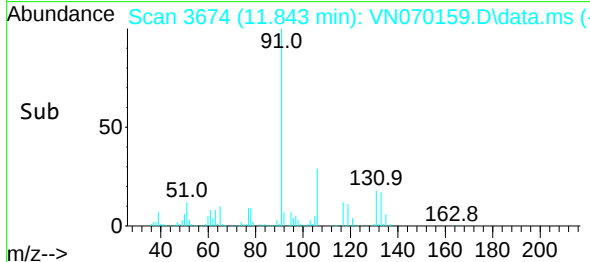
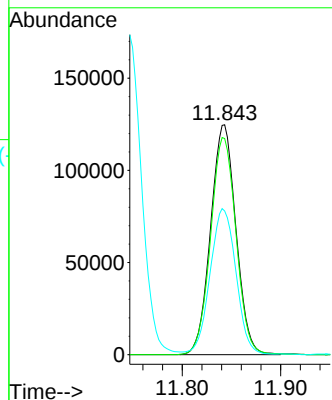
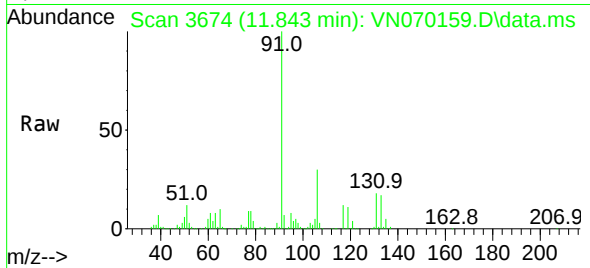




#65
1,1,1,2-Tetrachloroethane
Concen: 17.723 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

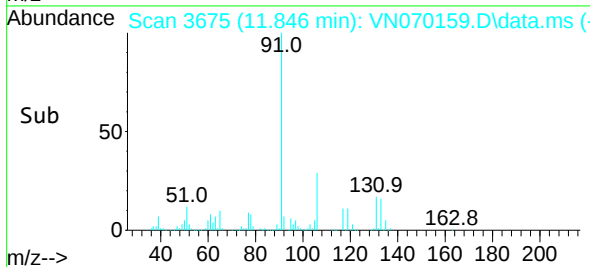
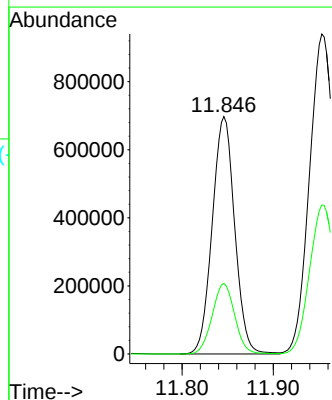
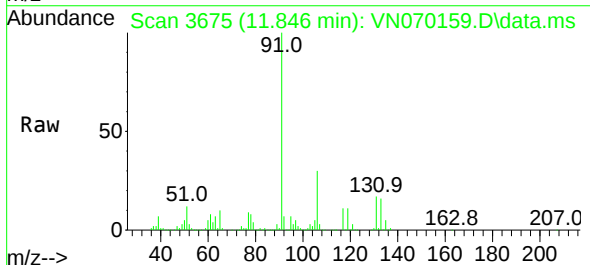
Instrument :
MSVOA_N
ClientSampleId :

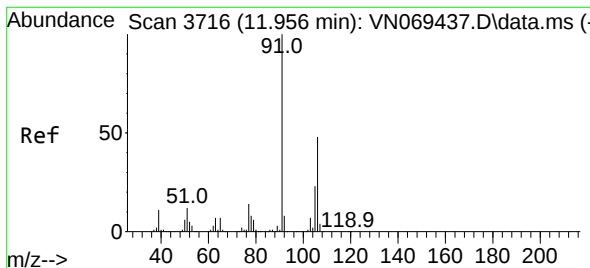
Tgt Ion:131 Resp: 224001
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 64.4 0.0 128.8



#66
Ethyl Benzene
Concen: 18.972 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 91 Resp: 1192527
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0





#67

m/p-Xylenes

Concen: 38.180 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

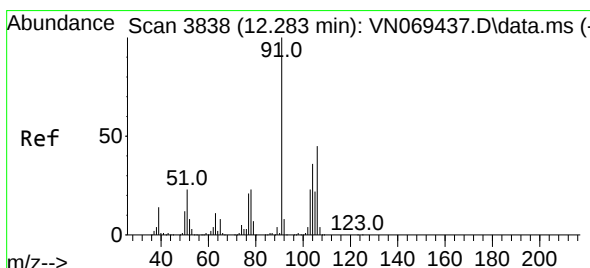
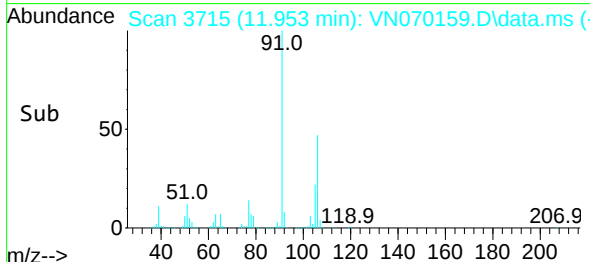
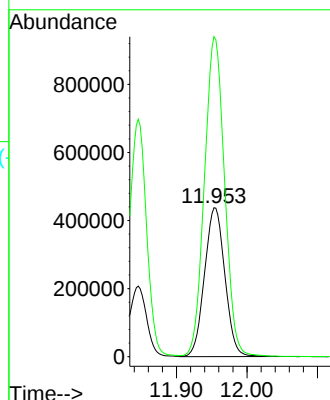
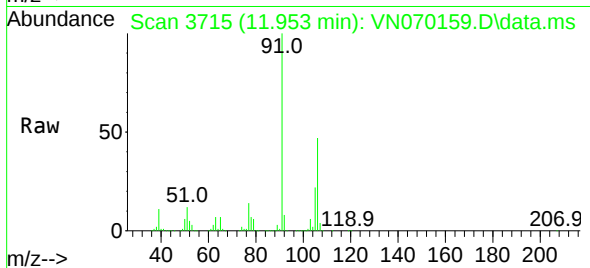
ClientSampleId :

Tgt Ion:106 Resp: 876814

Ion Ratio Lower Upper

106 100

91 212.1 162.9 244.3



#68

o-Xylene

Concen: 19.133 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. 0.003 min

Lab File: VN070159.D

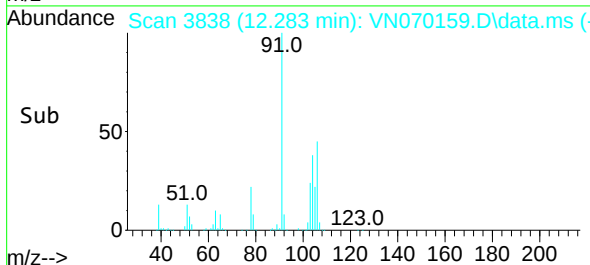
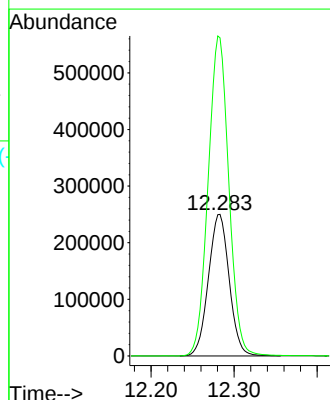
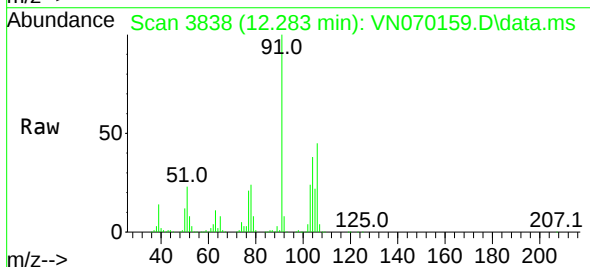
Acq: 17 Dec 2021 12:57

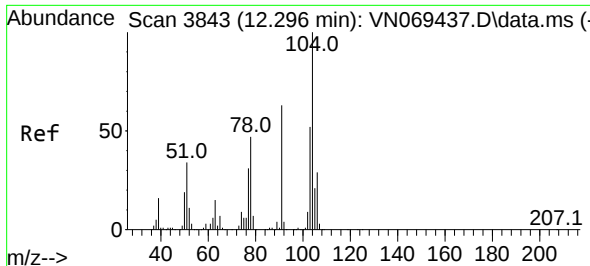
Tgt Ion:106 Resp: 434746

Ion Ratio Lower Upper

106 100

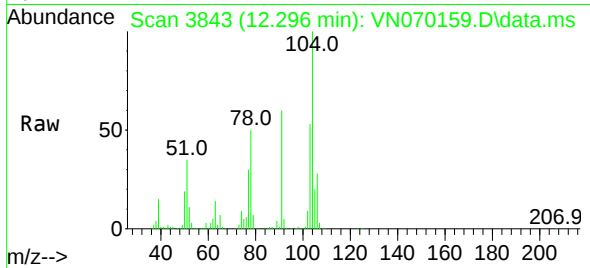
91 224.8 107.7 323.1



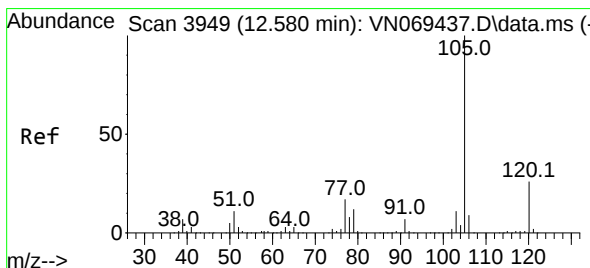
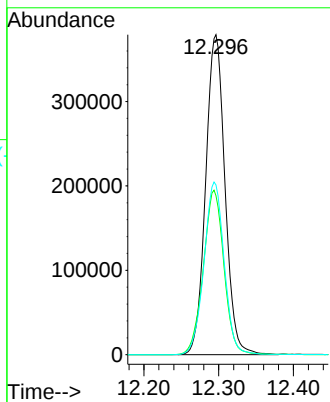
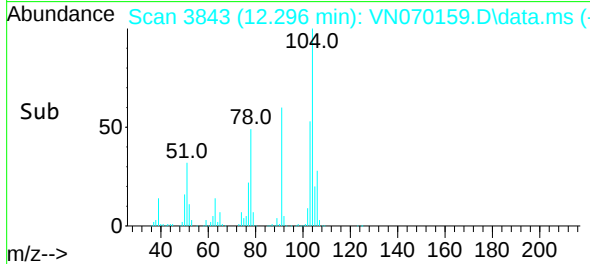


#69
Styrene
Concen: 18.388 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

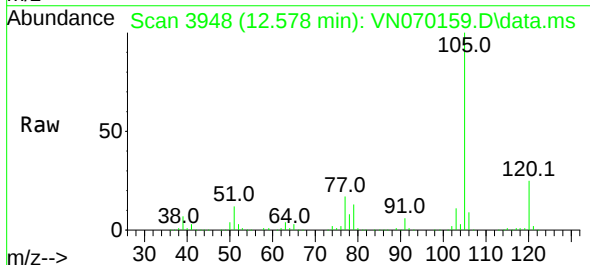
Instrument :
MSVOA_N
ClientSampleId :



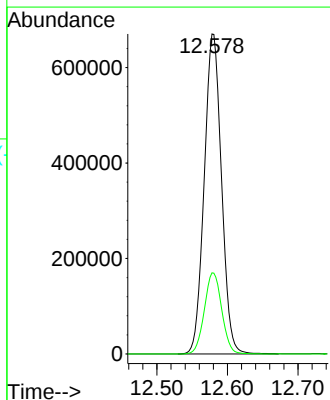
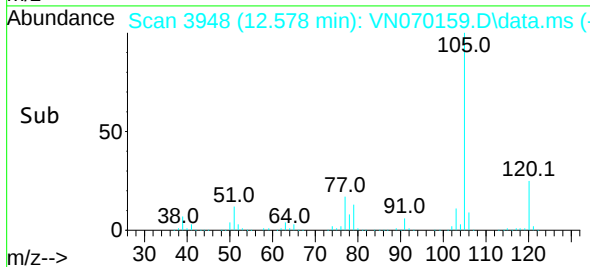
Tgt Ion:104 Resp: 681021
Ion Ratio Lower Upper
104 100
78 55.0 40.7 61.1
103 56.4 45.8 68.8

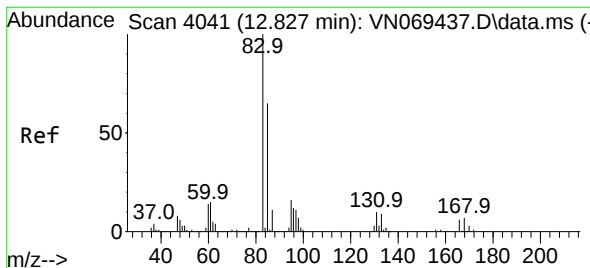


#70
Isopropylbenzene
Concen: 19.120 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57



Tgt Ion:105 Resp: 1139898
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





#71

1,1,2,2-Tetrachloroethane

Concen: 20.187 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

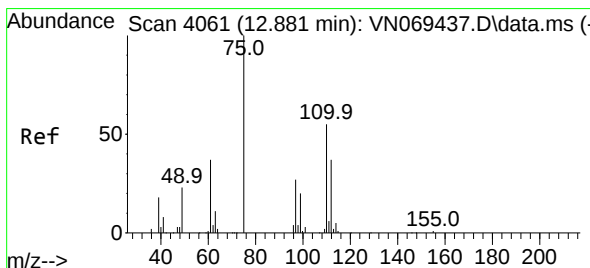
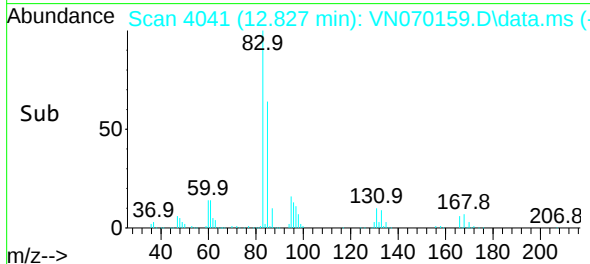
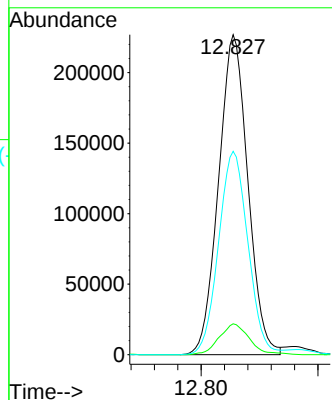
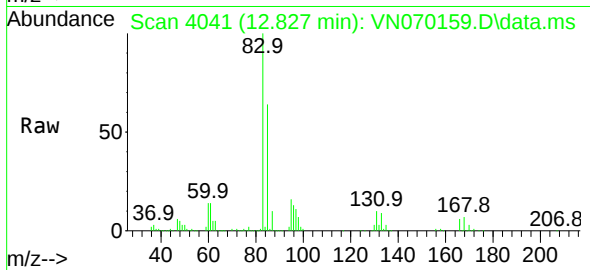
Tgt Ion: 83 Resp: 394718

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 63.8 33.1 99.2



#72

1,2,3-Trichloropropane

Concen: 26.189 ug/l

RT: 12.881 min Scan# 4061

Delta R.T. 0.000 min

Lab File: VN070159.D

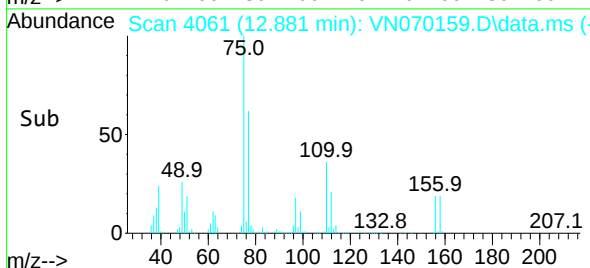
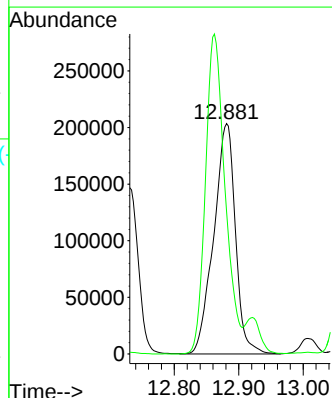
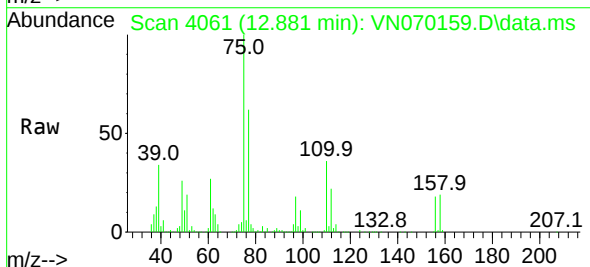
Acq: 17 Dec 2021 12:57

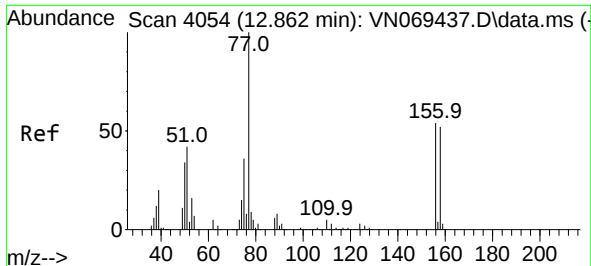
Tgt Ion: 75 Resp: 476512

Ion Ratio Lower Upper

75 100

77 125.1 0.0 378.0

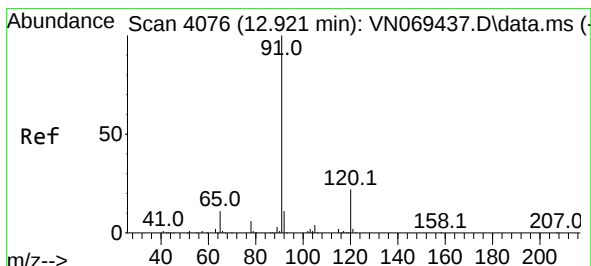
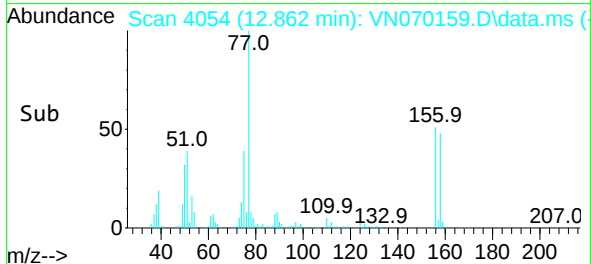
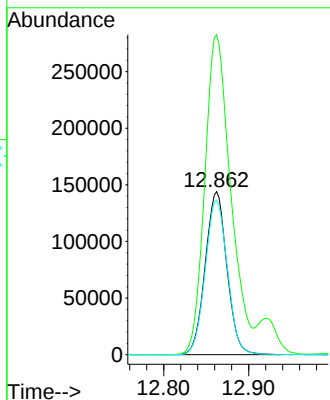
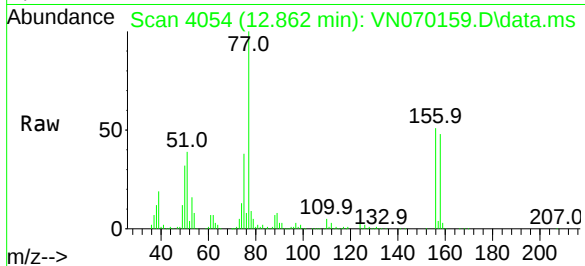




#73
Bromobenzene
Concen: 18.502 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

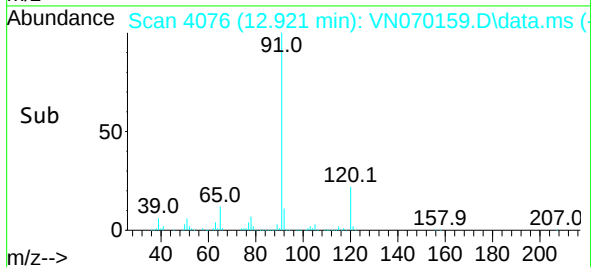
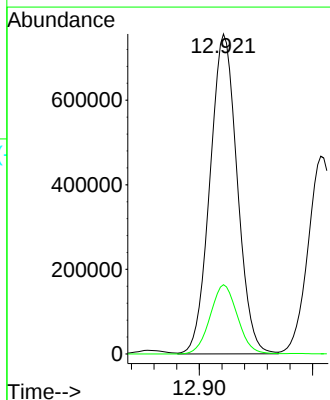
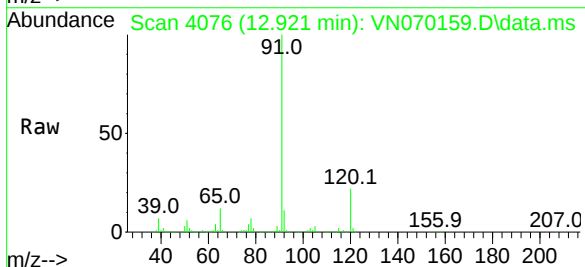
Instrument :
MSVOA_N
ClientSampleId :

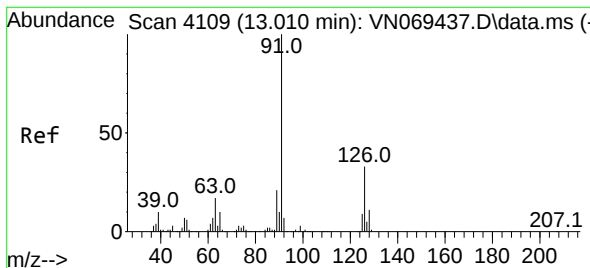
Tgt Ion:156 Resp: 255995
Ion Ratio Lower Upper
156 100
77 232.8 0.0 416.0
158 96.8 0.0 195.4



#74
n-propylbenzene
Concen: 18.291 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 91 Resp: 1263942
Ion Ratio Lower Upper
91 100
120 21.7 0.0 45.0





#75

2-Chlorotoluene

Concen: 18.921 ug/l

RT: 13.007 min Scan# 4108

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

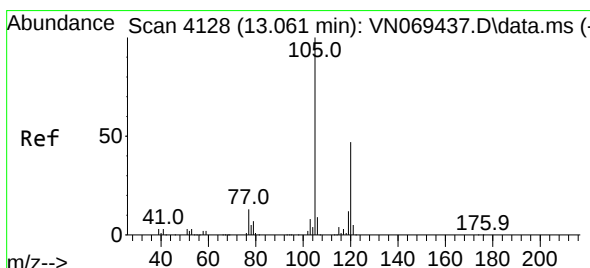
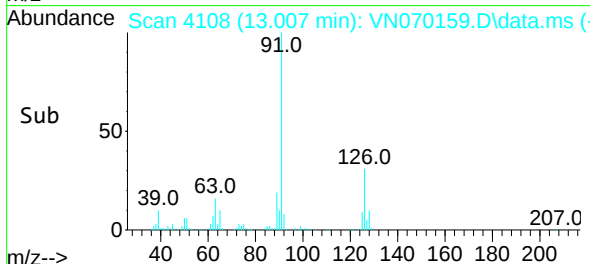
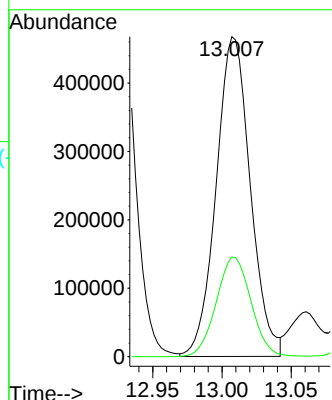
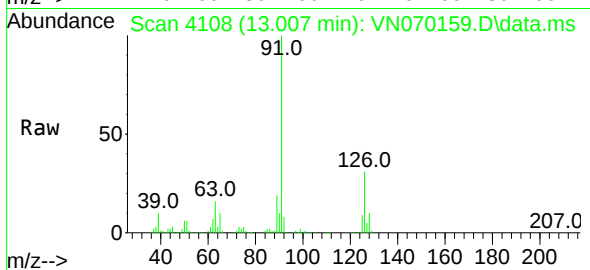
ClientSampleId :

Tgt Ion: 91 Resp: 800074

Ion Ratio Lower Upper

91 100

126 31.8 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 18.861 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.003 min

Lab File: VN070159.D

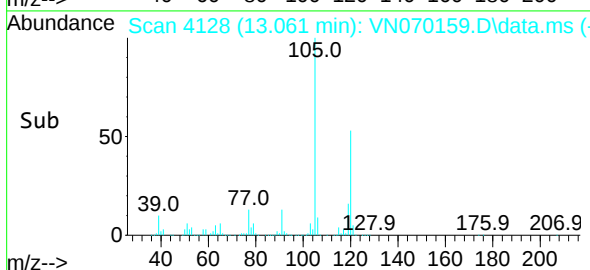
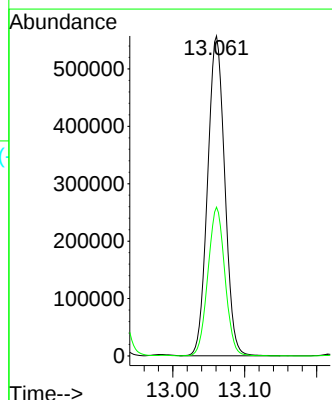
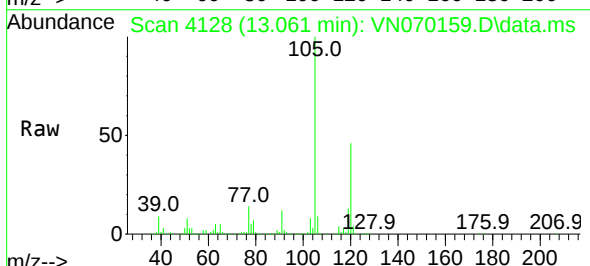
Acq: 17 Dec 2021 12:57

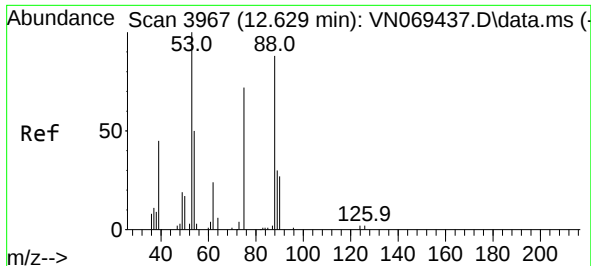
Tgt Ion:105 Resp: 923873

Ion Ratio Lower Upper

105 100

120 46.1 0.0 93.8

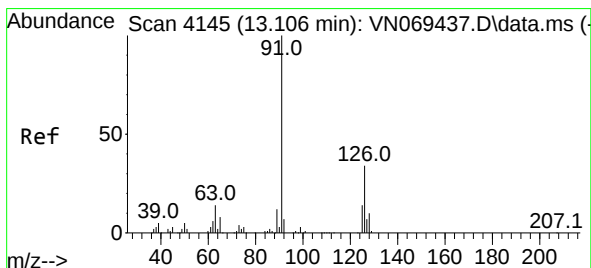
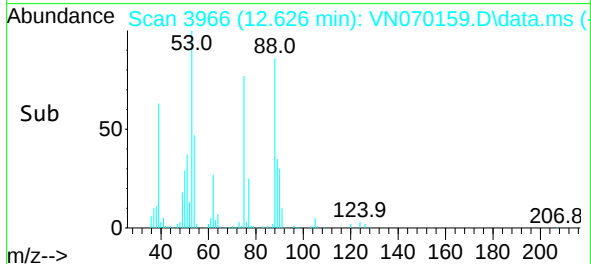
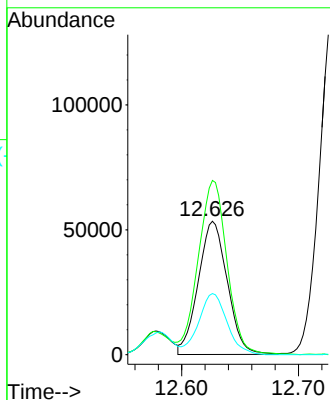
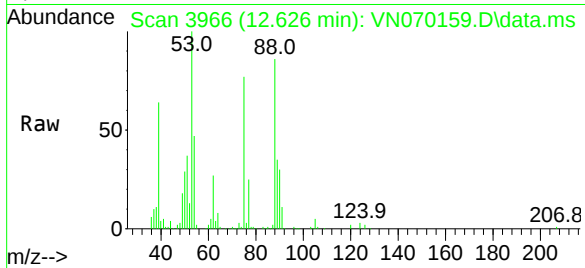




#77
t-1,4-Dichloro-2-butene
Concen: 16.130 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

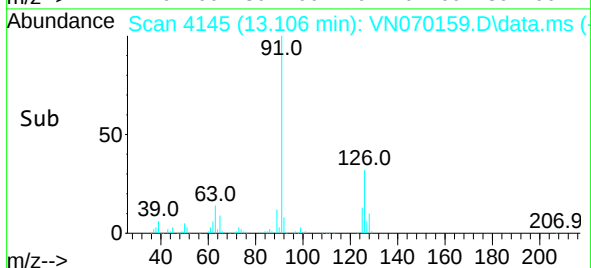
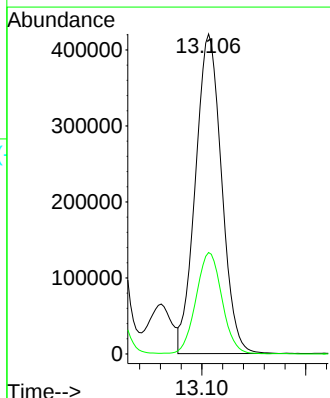
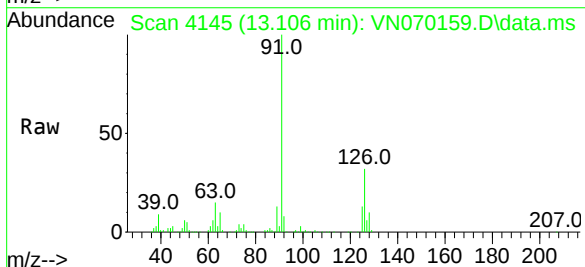
Instrument :
MSVOA_N
ClientSampleId :

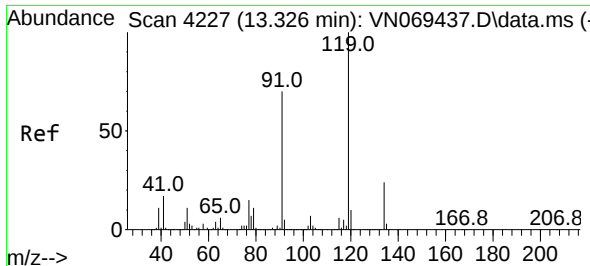
Tgt Ion: 75 Resp: 92289
Ion Ratio Lower Upper
75 100
53 130.7 51.8 155.5
89 46.1 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.083 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 91 Resp: 733285
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6

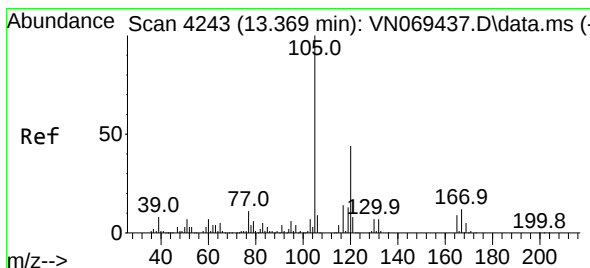
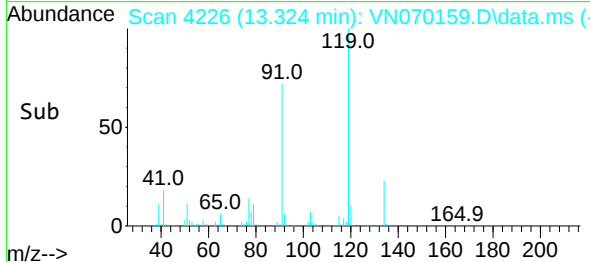
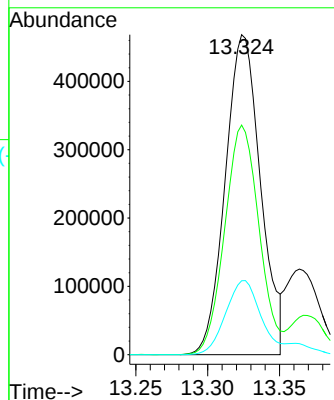
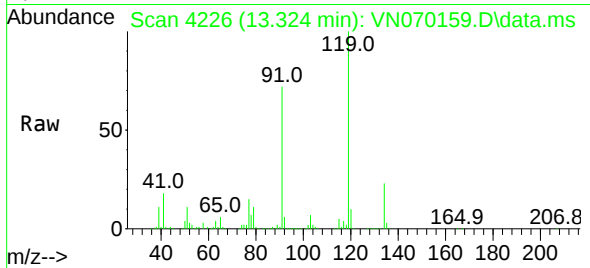




#79
tert-butylbenzene
Concen: 18.816 ug/l
RT: 13.324 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

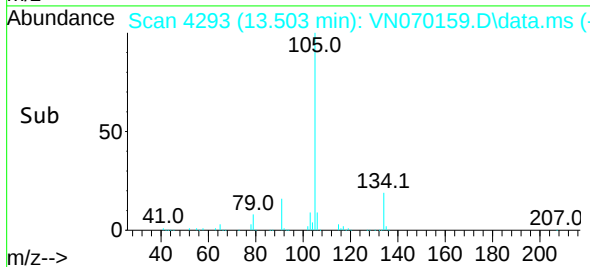
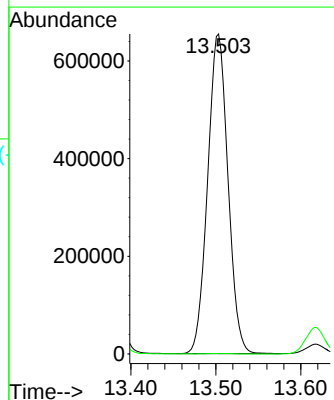
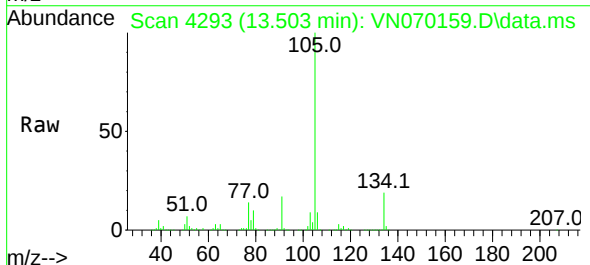
Instrument :
MSVOA_N
ClientSampleId :

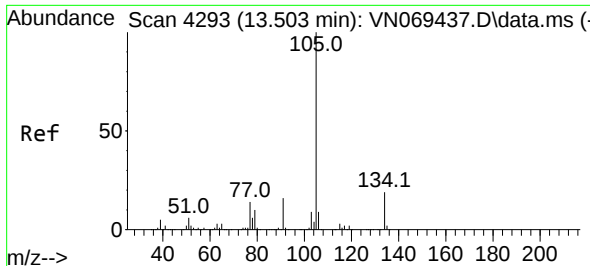
Tgt Ion:119 Resp: 799861
Ion Ratio Lower Upper
119 100
91 70.3 0.0 137.0
134 23.2 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 22.954 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion:105 Resp: 1087249
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

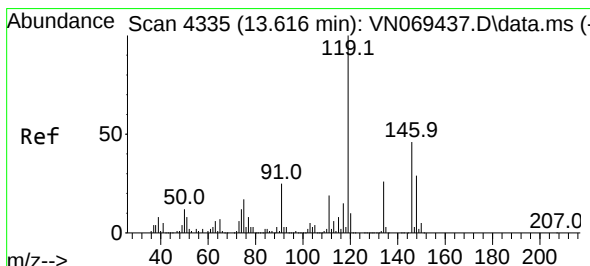
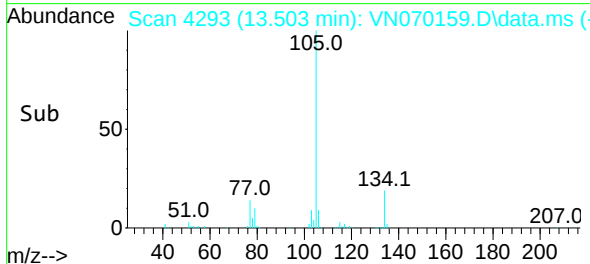
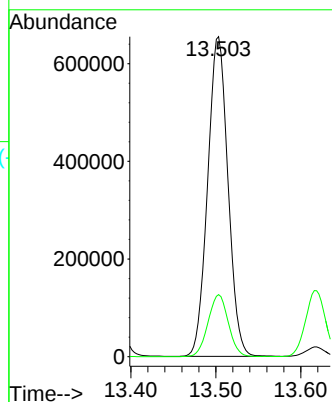
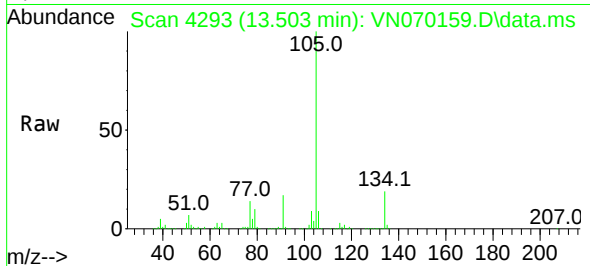




#81
 sec-Butylbenzene
 Concen: 18.329 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.003 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

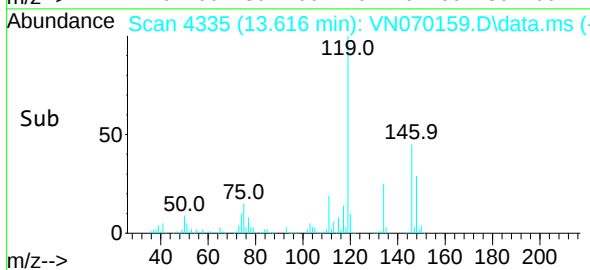
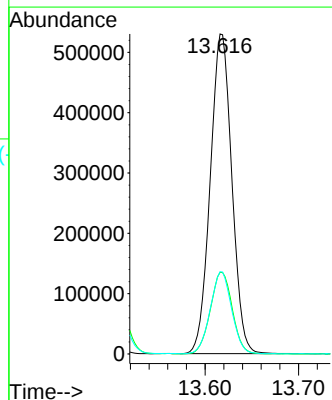
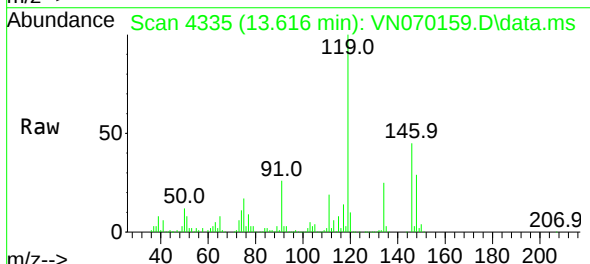
Instrument :
 MSVOA_N
 ClientSampleId :

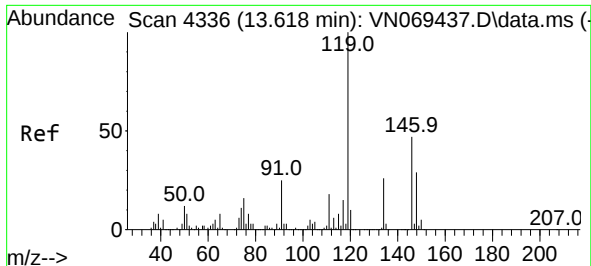
Tgt Ion:105 Resp: 1087249
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.004 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

Tgt Ion:119 Resp: 850850
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 25.4 0.0 50.4

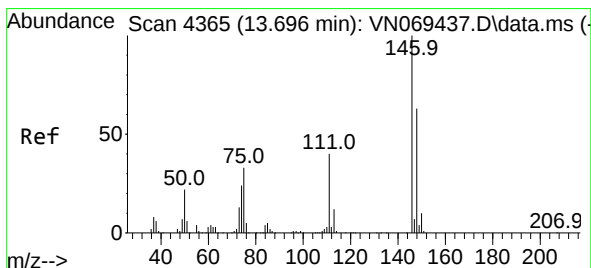
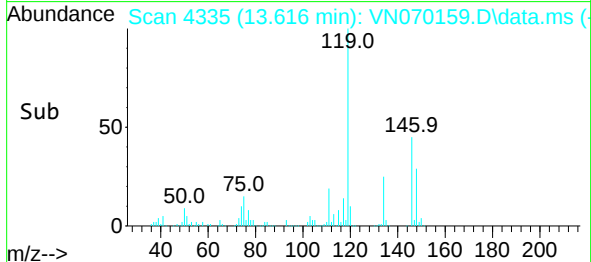
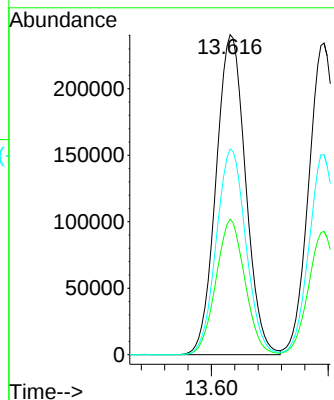
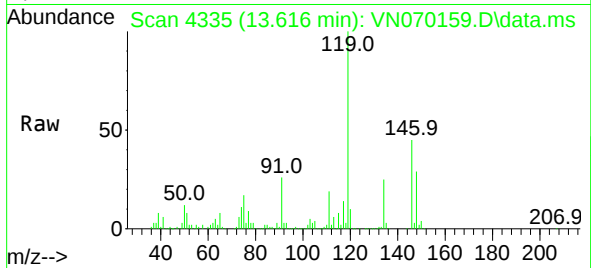




#83
 1,3-Dichlorobenzene
 Concen: 18.085 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

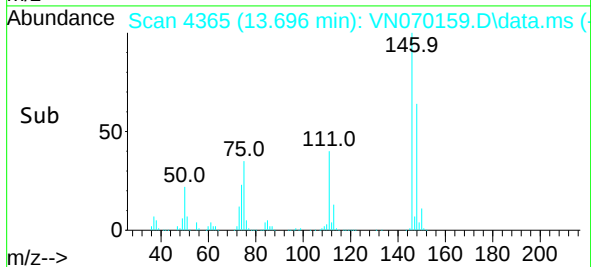
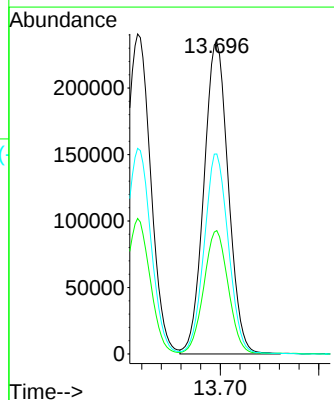
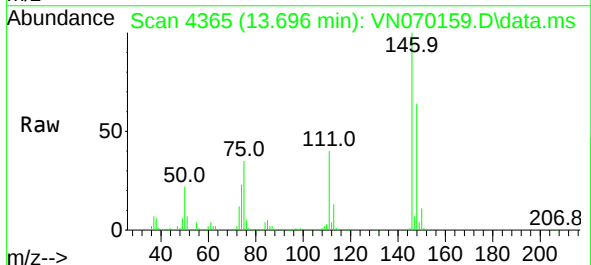
Instrument :
 MSVOA_N
 ClientSampleId :

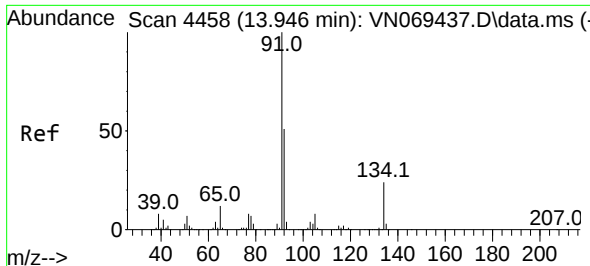
Tgt Ion:146 Resp: 423190
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 64.4 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 18.031 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.003 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

Tgt Ion:146 Resp: 405855
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.5 58.5
 148 63.4 31.1 93.5

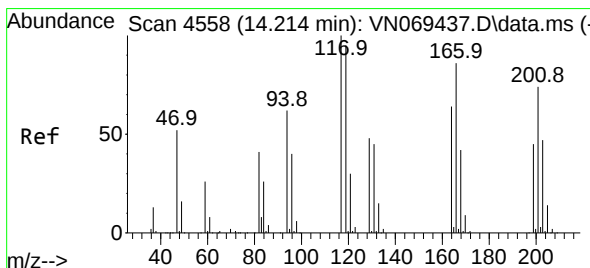
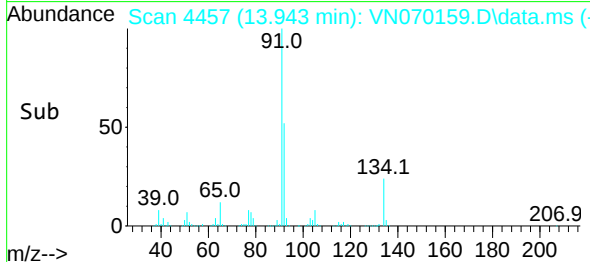
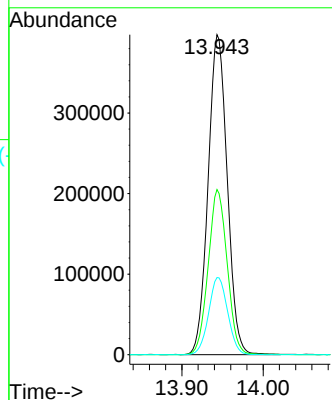
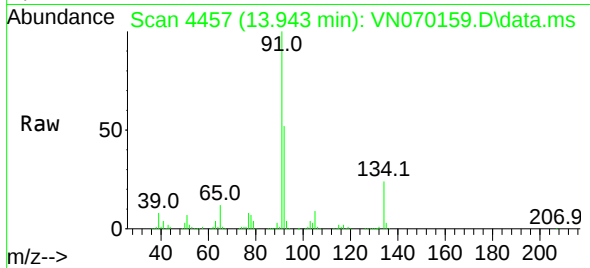




#85
n-Butylbenzene
Concen: 16.442 ug/l
RT: 13.943 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

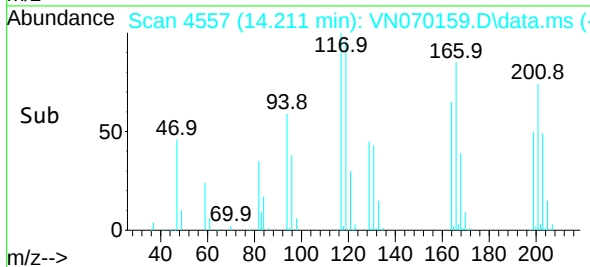
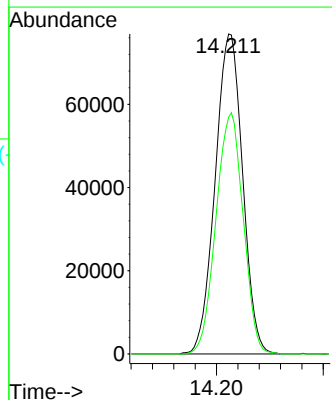
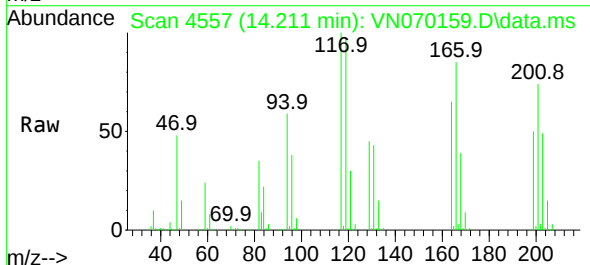
Instrument :
MSVOA_N
ClientSampleId :

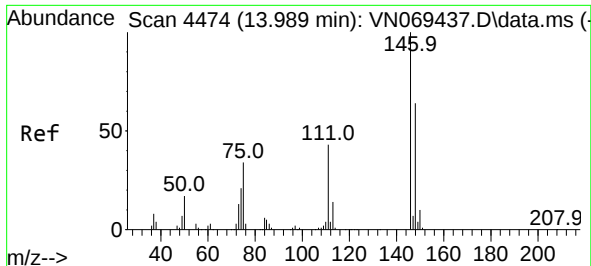
Tgt Ion: 91 Resp: 649177
Ion Ratio Lower Upper
91 100
92 51.2 0.0 100.6
134 24.0 0.0 50.2



#86
Hexachloroethane
Concen: 14.586 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.003 min
Lab File: VN070159.D
Acq: 17 Dec 2021 12:57

Tgt Ion: 117 Resp: 137518
Ion Ratio Lower Upper
117 100
201 74.6 33.3 99.8

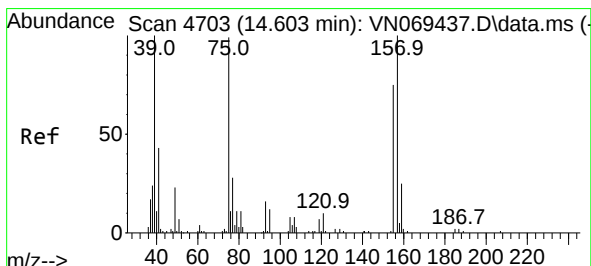
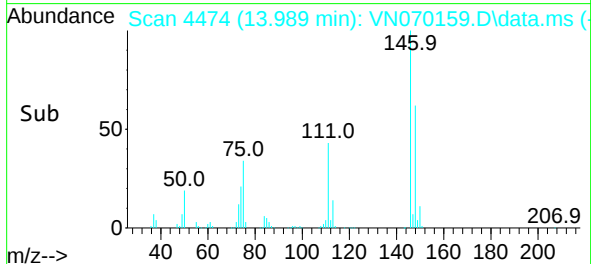
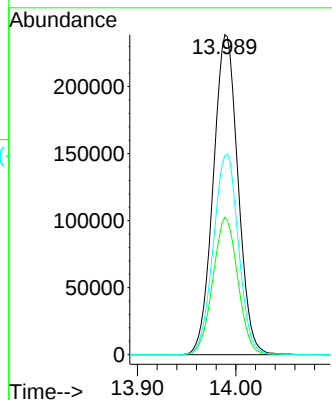
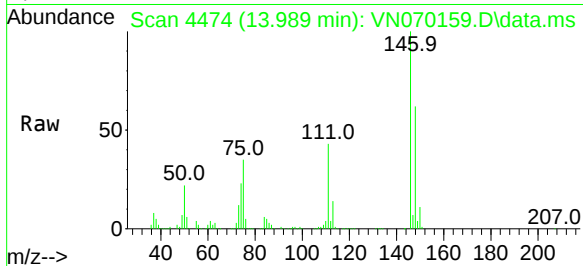




#87
 1,2-Dichlorobenzene
 Concen: 18.594 ug/l
 RT: 13.989 min Scan# 4474
 Delta R.T. 0.000 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

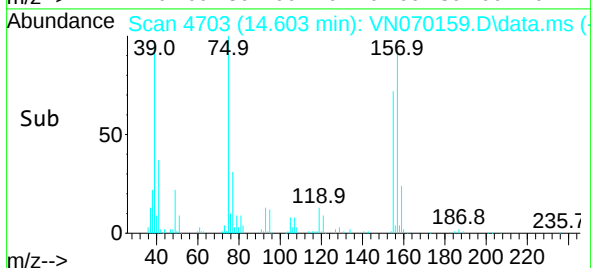
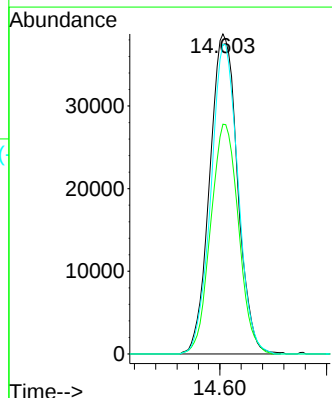
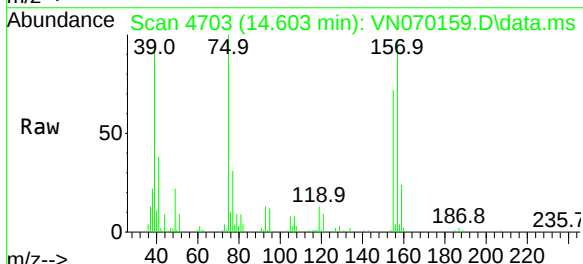
Instrument :
 MSVOA_N
 ClientSampleId :

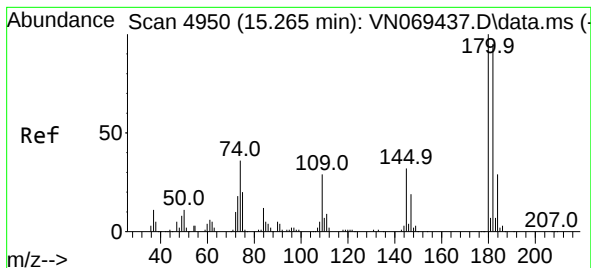
Tgt Ion:146 Resp: 417991
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.4 64.2
 148 64.0 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.724 ug/l
 RT: 14.603 min Scan# 4703
 Delta R.T. 0.000 min
 Lab File: VN070159.D
 Acq: 17 Dec 2021 12:57

Tgt Ion: 75 Resp: 70035
 Ion Ratio Lower Upper
 75 100
 155 71.9 63.8 95.8
 157 93.8 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.358 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

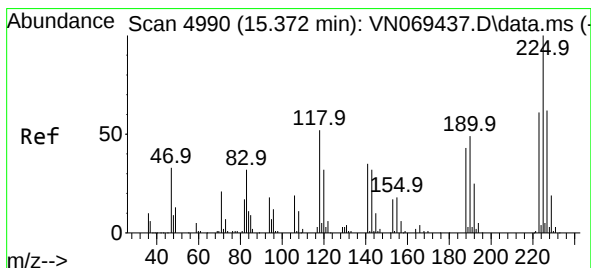
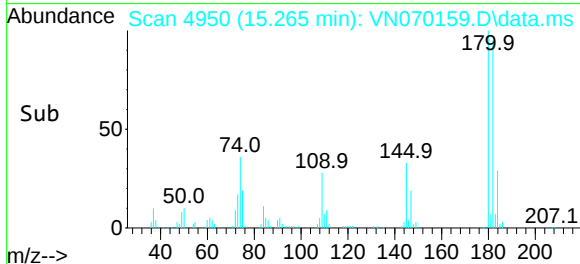
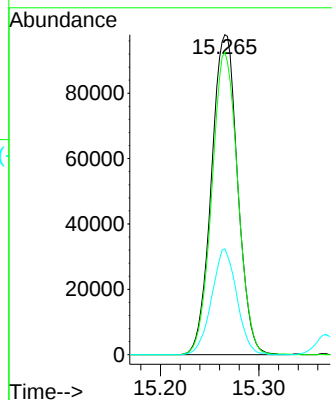
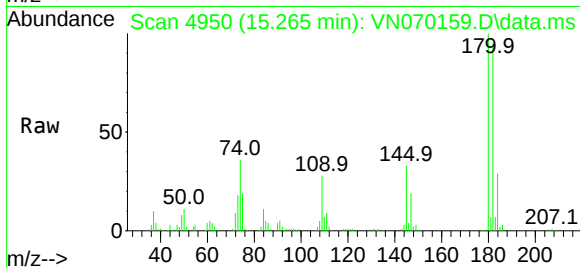
Tgt Ion:180 Resp: 181529

Ion Ratio Lower Upper

180 100

182 93.5 77.7 116.5

145 31.7 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.728 ug/l

RT: 15.373 min Scan# 4990

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

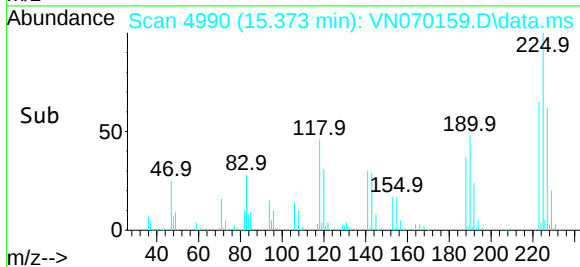
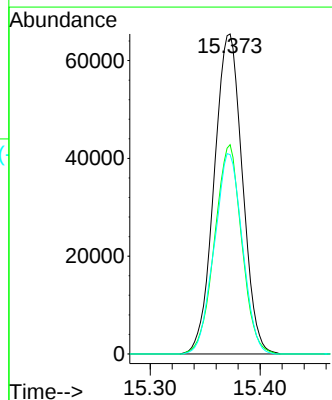
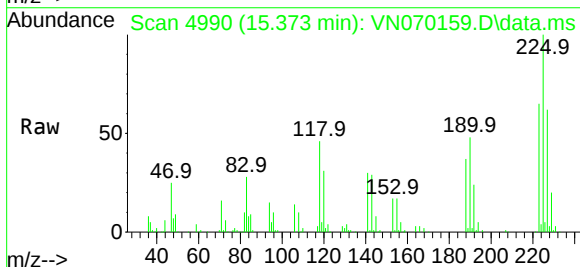
Tgt Ion:225 Resp: 116566

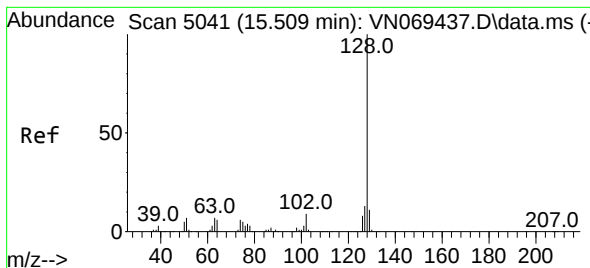
Ion Ratio Lower Upper

225 100

223 63.0 0.0 126.8

227 62.1 0.0 123.0





#91

Naphthalene

Concen: 21.069 ug/l

RT: 15.507 min Scan# 5041

Delta R.T. 0.003 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

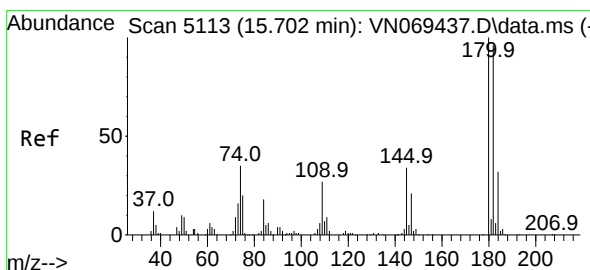
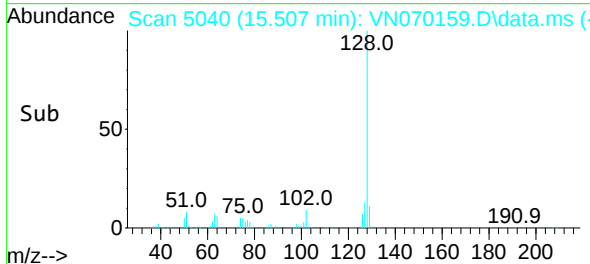
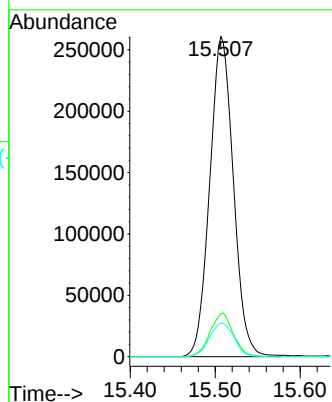
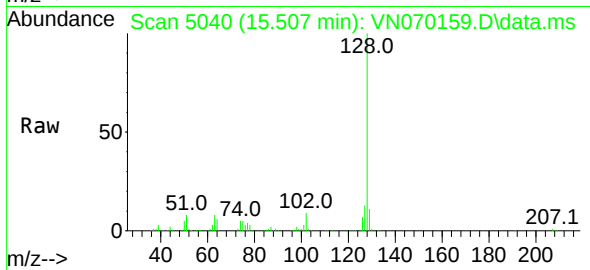
Tgt Ion:128 Resp: 504098

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.458 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. 0.000 min

Lab File: VN070159.D

Acq: 17 Dec 2021 12:57

Tgt Ion:180 Resp: 182387

Ion Ratio Lower Upper

180 100

182 95.6 0.0 190.0

145 33.1 0.0 67.8

