

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069918.D
 Acq On : 9 Dec 2021 18:03
 Operator : JC/MD
 Sample : M4969-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Quant Time: Dec 10 06:19:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1294620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2357412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2676280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1300540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	979912	49.023	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.040%
35) Dibromofluoromethane	8.021	113	718251	48.641	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.280%
50) Toluene-d8	10.440	98	3095795	52.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.731	95	1401942	65.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.540%

Target Compounds				Qvalue		
3) Chloromethane	2.306	50	3928	0.208	ug/l #	72
11) Tert butyl alcohol	5.374	59	1502570	397.674	ug/l	99
13) Acrolein	3.988	56	14565	4.527	ug/l #	1
14) Allyl chloride	4.964	41	44244	1.592	ug/l #	1
15) Acrylonitrile	5.607	53	14528	1.427	ug/l #	1
16) Acetone	4.296	43	57614	4.791	ug/l	99
18) Methyl Acetate	4.865	43	7466	0.206	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	2007419	41.866	ug/l #	74
22) Diisopropyl ether	6.498	45	90798	1.672	ug/l #	94
23) Vinyl Acetate	6.487	43	35403	0.801	ug/l #	72
24) 1,1-Dichloroethane	6.471	63	8656	0.308	ug/l #	83
25) 2-Butanone	7.351	43	19494	1.193	ug/l #	81
26) 2,2-Dichloropropane	7.144	77	6964	0.318	ug/l #	52
28) Bromochloromethane	7.847	49	5697	0.389	ug/l #	9
29) Tetrahydrofuran	7.697	42	3589	0.362	ug/l #	87
30) Chloroform	7.844	83	12071	0.425	ug/l #	38
31) Cyclohexane	8.094	56	494746	17.785	ug/l #	88
36) 1,1-Dichloropropene	8.088	75	111460	4.967	ug/l #	48
37) Ethyl Acetate	7.351	43	19494	0.584	ug/l #	69
38) Carbon Tetrachloride	8.088	117	131471	5.974	ug/l #	16
39) Methylcyclohexane	9.459	83	493238	18.477	ug/l #	88
41) Methacrylonitrile	7.675	41	18388	1.173	ug/l #	35
42) 1,2-Dichloroethane	8.461	62	322965	11.663	ug/l	86
43) Isopropyl Acetate	8.552	43	39279	0.795	ug/l #	55
45) 1,2-Dichloropropane	9.456	63	6601	0.358	ug/l #	1
47) Bromodichloromethane	9.746	83	18070	0.790	ug/l #	25
48) Methyl methacrylate	9.641	41	87157	3.778	ug/l #	70
51) 4-Methyl-2-Pentanone	10.368	43	12493	0.390	ug/l #	64
52) Toluene	10.505	92	179348	4.283	ug/l	95
53) t-1,3-Dichloropropene	10.725	75	151	2.799	ug/l #	1
54) cis-1,3-Dichloropropene	10.317	75	1405	2.045	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	76625	4.535	ug/l #	21
56) Ethyl methacrylate	10.784	69	11708	2.630	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.022	63	5561	18.987	ug/l #	45
59) 2-Hexanone	11.130	43	42660	1.759	ug/l	67
60) Dibromochloromethane	11.248	129	133	2.383	ug/l #	11

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

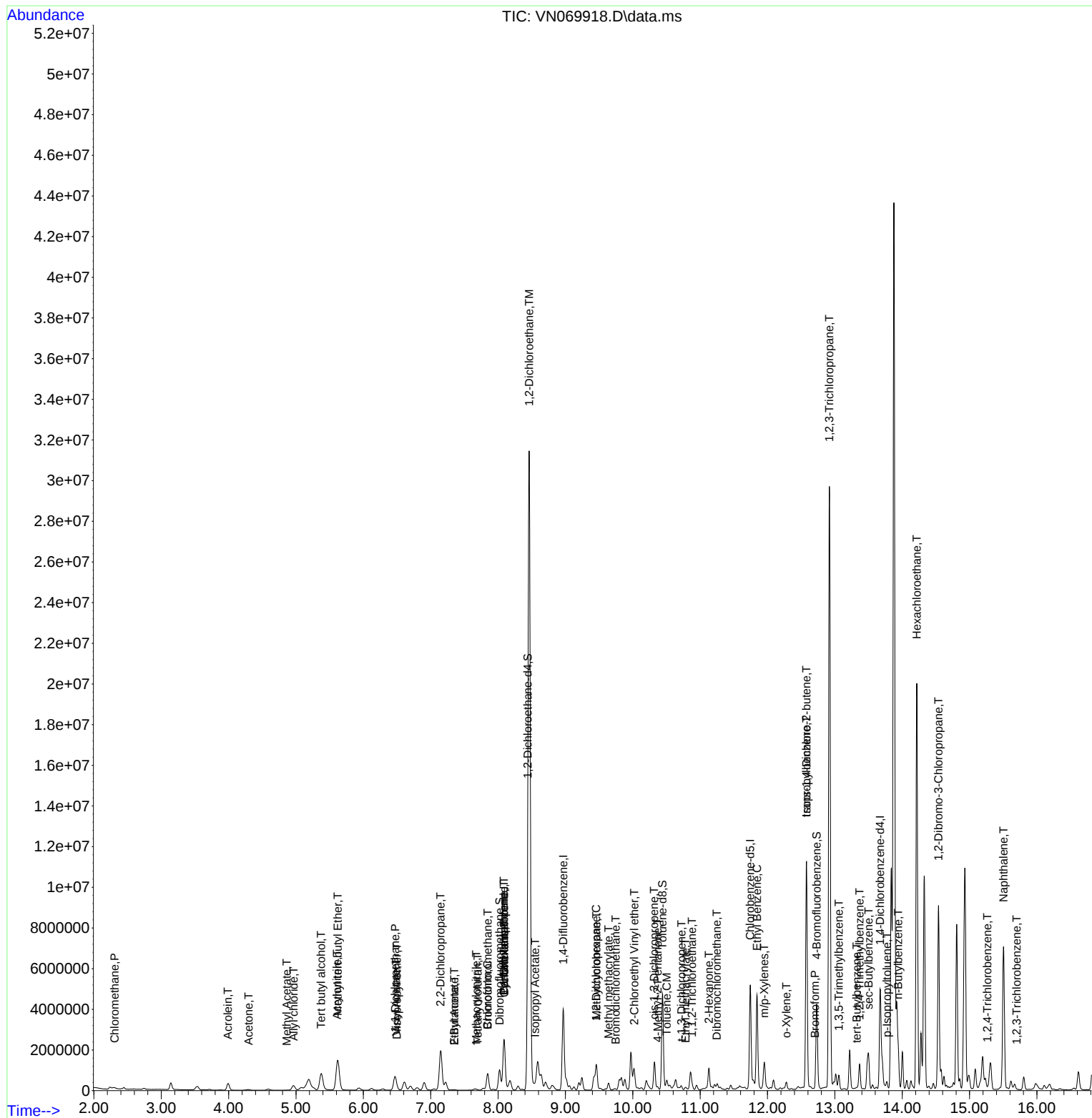
67) Ethyl Benzene	11.843	91	3240033	32.853	ug/l	96
68) m/p-Xylenes	11.953	106	411712	11.465	ug/l	93
69) o-Xylene	12.280	106	85343	2.359	ug/l	89
71) Bromoform	12.704	173	278	2.747	ug/l #	29
73) Isopropylbenzene	12.578	105	7262385	62.763	ug/l	99
76) 1,2,3-Trichloropropane	12.919	75	173480	4.651	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	362932	3.897	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.578	75	97852	11.950	ug/l #	71
83) tert-Butylbenzene	13.324	119	24208	0.294	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.366	105	644568	7.267	ug/l	97
85) sec-Butylbenzene	13.501	105	1051100	9.397	ug/l #	71
86) p-Isopropyltoluene	13.771	119	180265	2.062	ug/l #	75
89) n-Butylbenzene	13.940	91	1087016	15.326	ug/l #	82
90) Hexachloroethane	14.217	117	1022605	66.614	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.538	75	41297	5.712	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	1381	2.939	ug/l #	80
95) Naphthalene	15.504	128	6244016	94.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	565	2.461	ug/l #	1

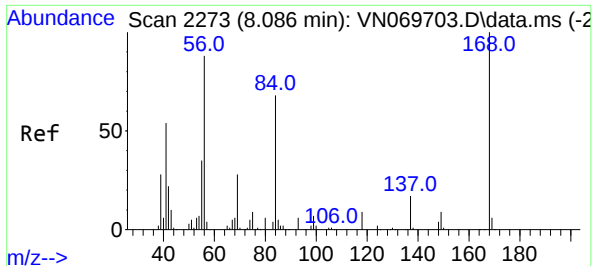
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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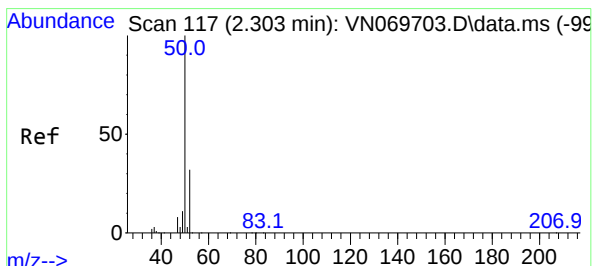
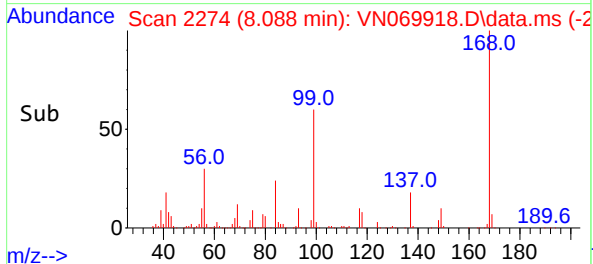
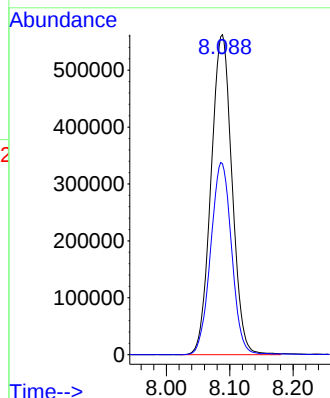
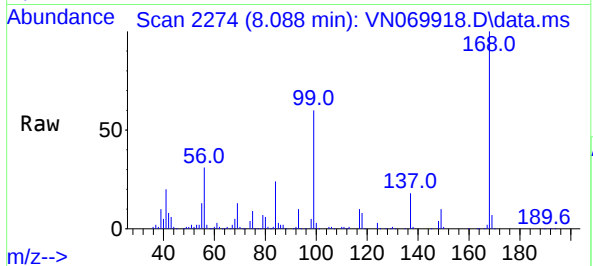




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

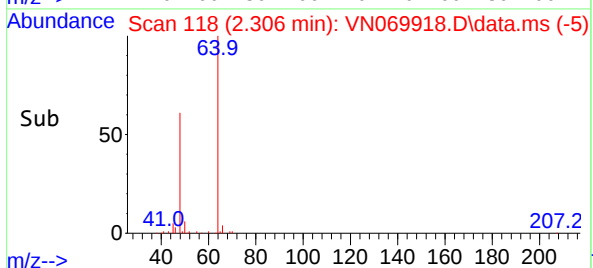
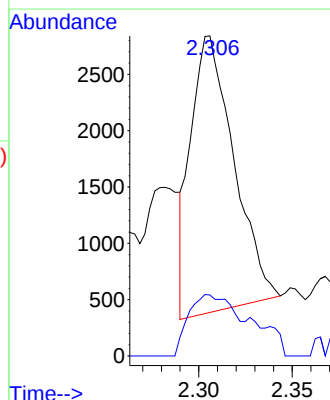
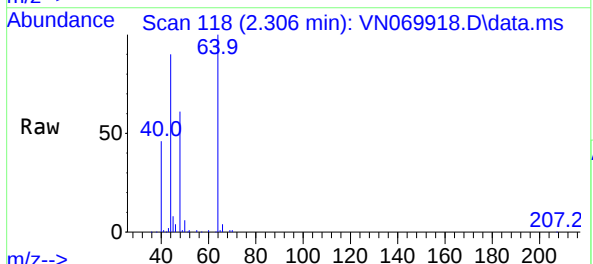
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MSVOA_N
ClientSampleId :
MW-1A

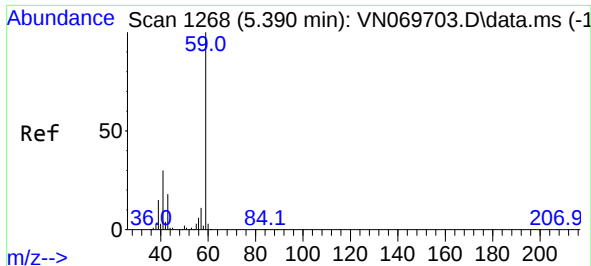
Tgt Ion:168 Resp: 1294620
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 50 Resp: 3928
Ion Ratio Lower Upper
50 100
52 16.3 25.4 38.0#

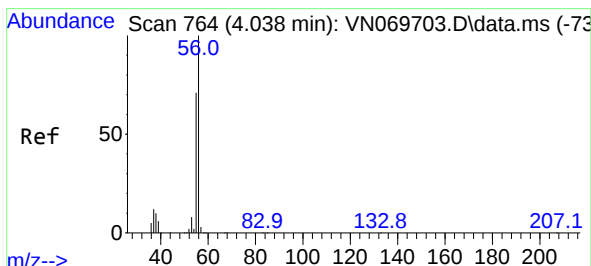
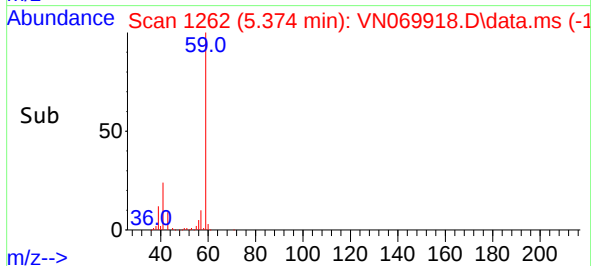
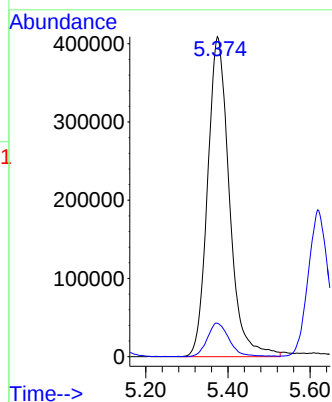
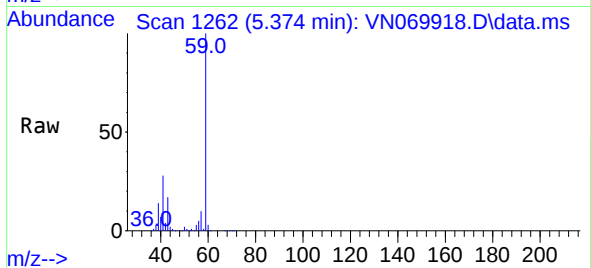




#11
Tert butyl alcohol
Concen: 397.674 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

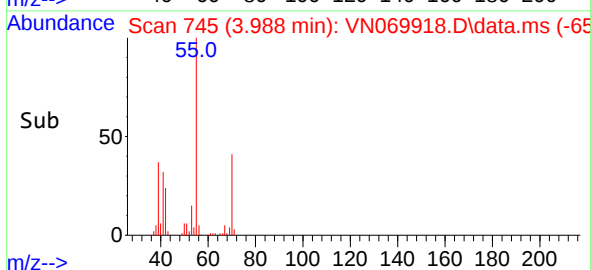
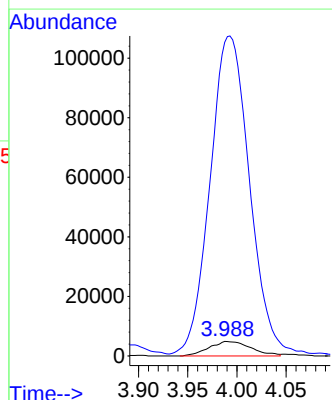
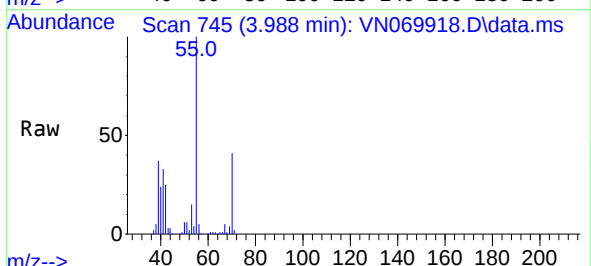
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

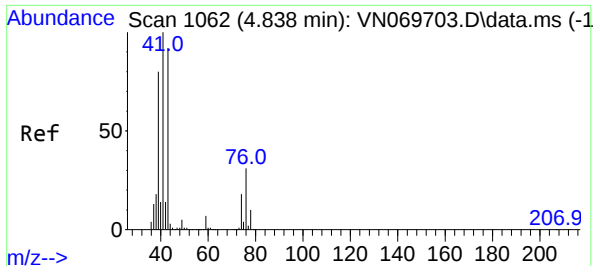
Tgt Ion: 59 Resp: 1502570
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#13
Acrolein
Concen: 4.527 ug/l
RT: 3.988 min Scan# 745
Delta R.T. -0.051 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 56 Resp: 14565
Ion Ratio Lower Upper
56 100
55 2049.3 56.6 85.0#





#14

Allyl chloride

Concen: 1.592 ug/l

RT: 4.964 min Scan# 1109

Delta R.T. 0.126 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

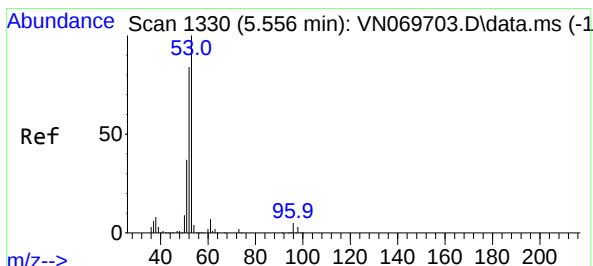
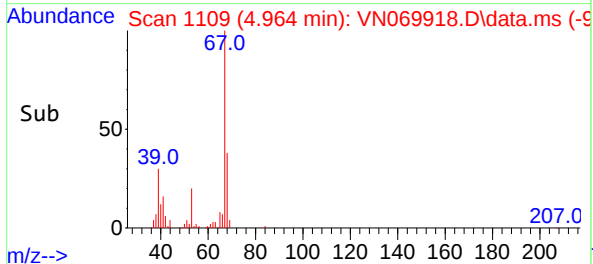
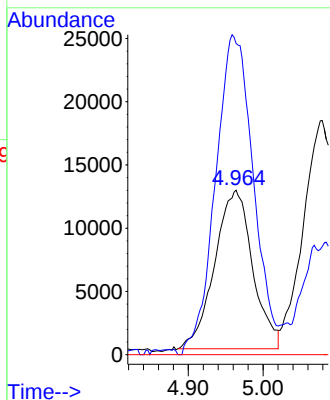
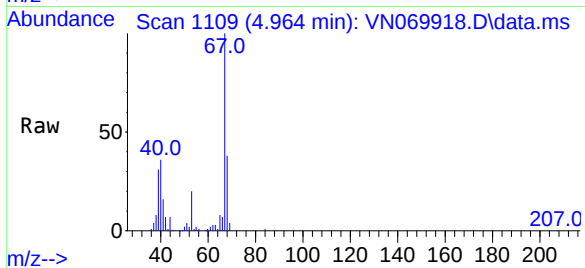
Tgt Ion: 41 Resp: 44244

Ion Ratio Lower Upper

41 100

39 201.6 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 1.427 ug/l

RT: 5.607 min Scan# 1349

Delta R.T. 0.051 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

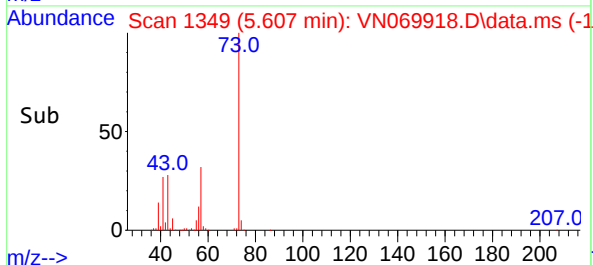
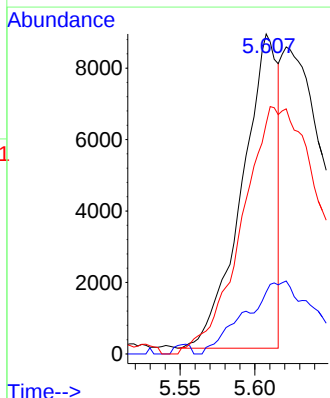
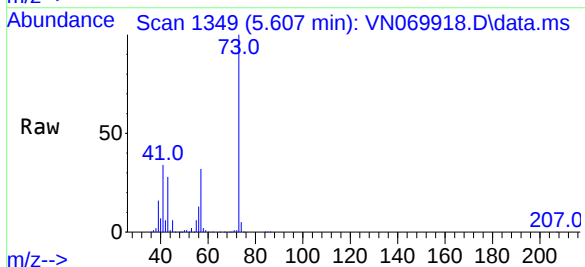
Tgt Ion: 53 Resp: 14528

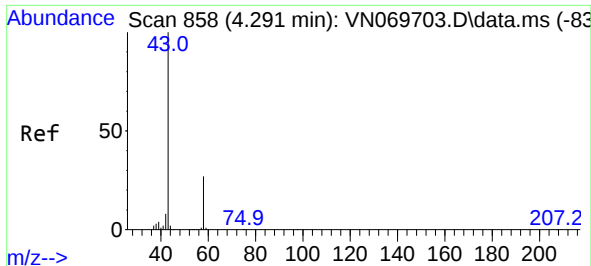
Ion Ratio Lower Upper

53 100

52 31.9 66.2 99.2#

51 177.1 29.6 44.4#

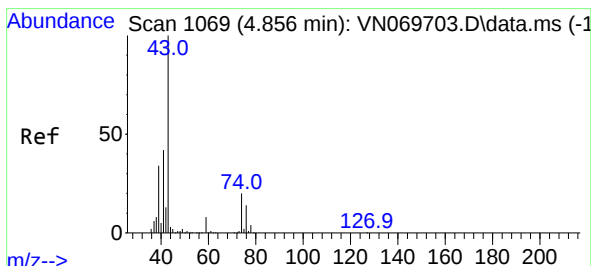
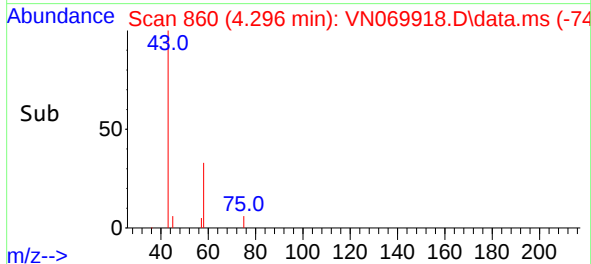
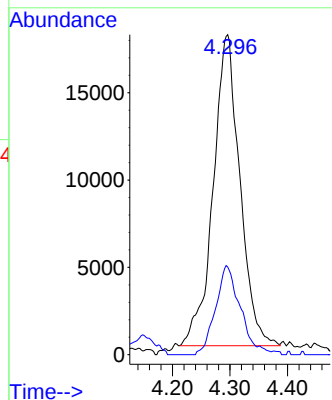
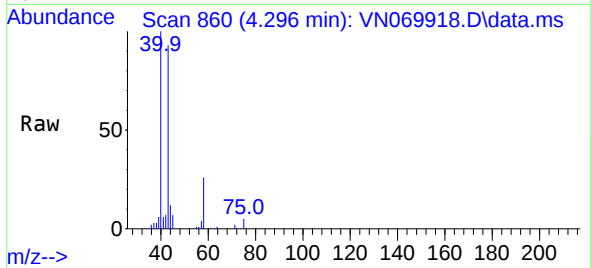




#16
Acetone
Concen: 4.791 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.005 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

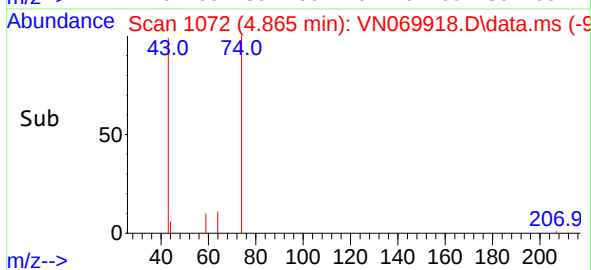
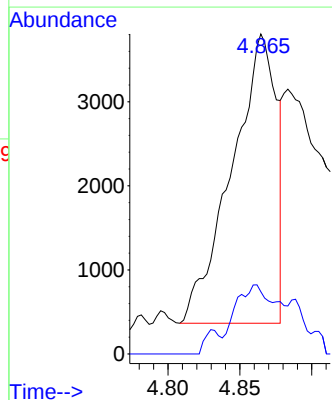
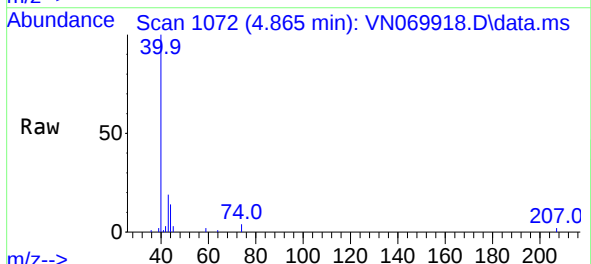
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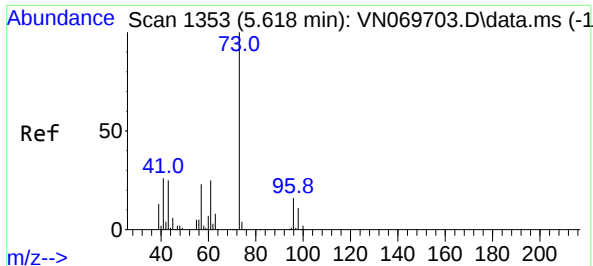
Tgt Ion: 43 Resp: 57614
Ion Ratio Lower Upper
43 100
58 28.2 23.1 34.7



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 43 Resp: 7466
Ion Ratio Lower Upper
43 100
74 16.4 19.4 29.2#

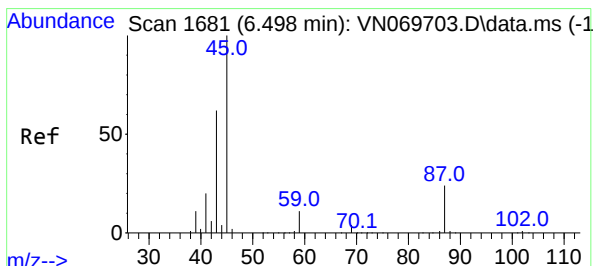
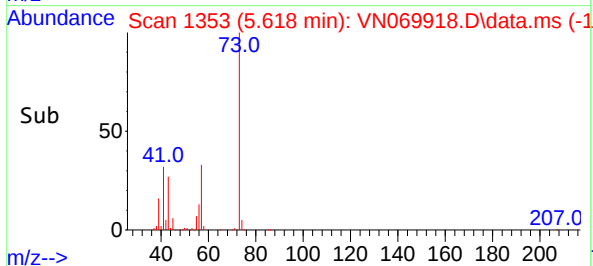
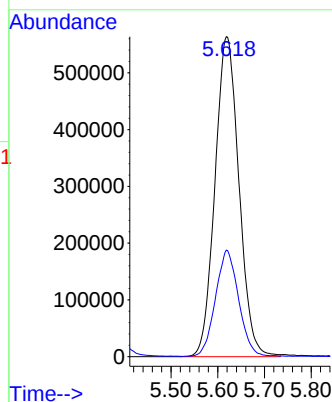
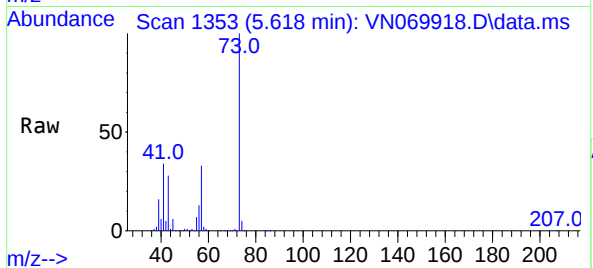




#19
Methyl tert-butyl Ether
Concen: 41.866 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

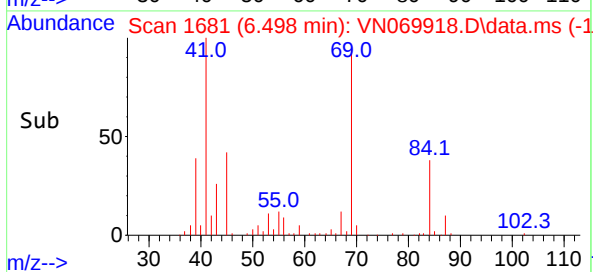
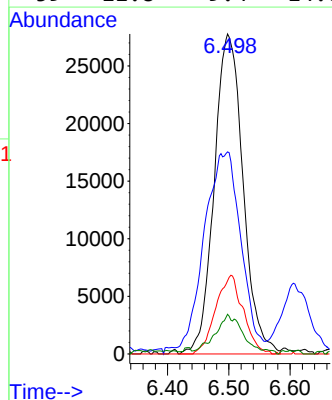
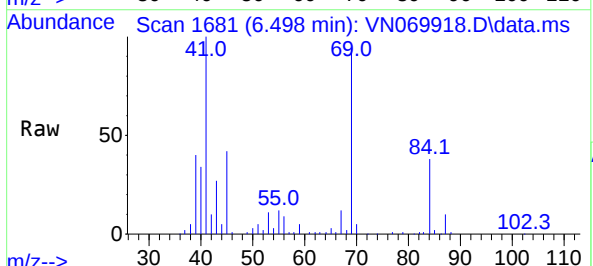
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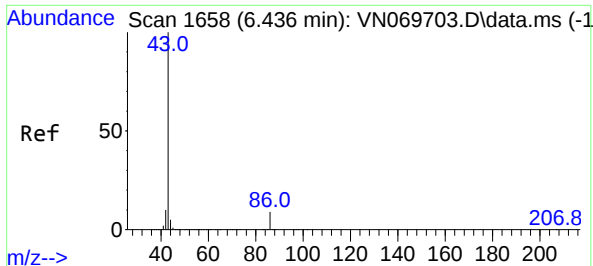
Tgt Ion: 73 Resp: 2007419
Ion Ratio Lower Upper
73 100
57 33.2 16.8 25.2#



#22
Diisopropyl ether
Concen: 1.672 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 45 Resp: 90798
Ion Ratio Lower Upper
45 100
43 60.6 51.7 77.5
87 22.9 23.2 34.8#
59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 0.801 ug/l

RT: 6.487 min Scan# 1

Delta R.T. 0.051 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

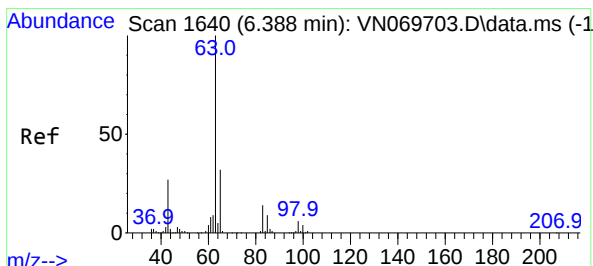
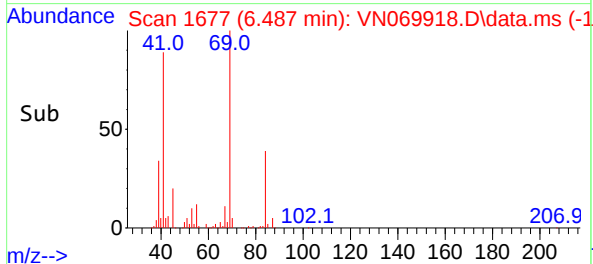
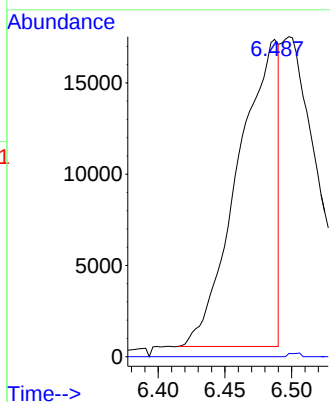
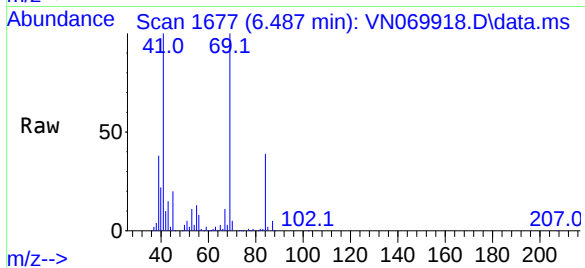
MW-1A

Tgt Ion: 43 Resp: 35403

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#24

1,1-Dichloroethane

Concen: 0.308 ug/l

RT: 6.471 min Scan# 1671

Delta R.T. 0.083 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

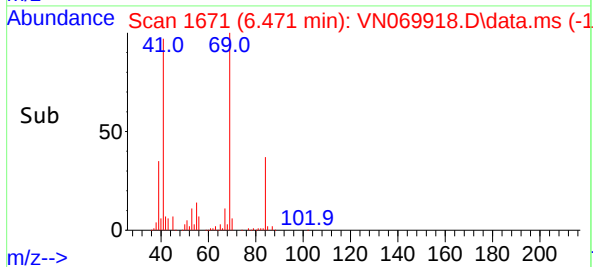
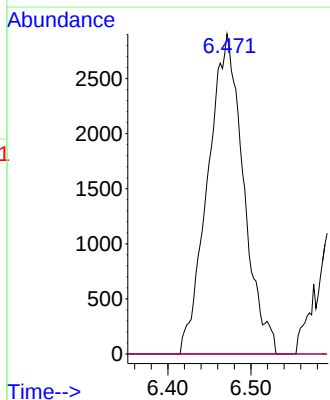
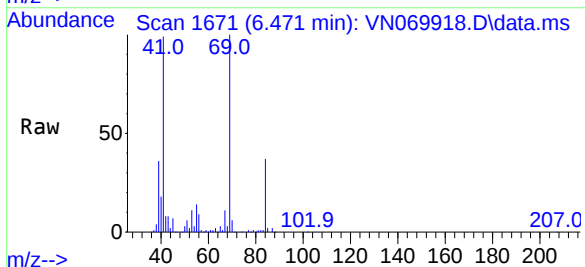
Tgt Ion: 63 Resp: 8656

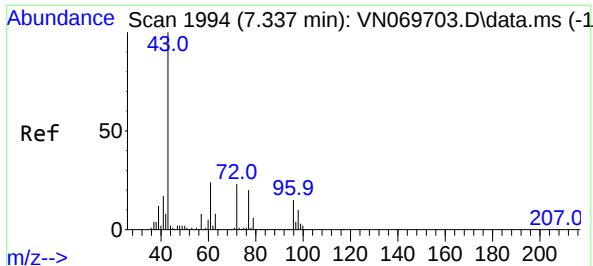
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 1.193 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.014 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

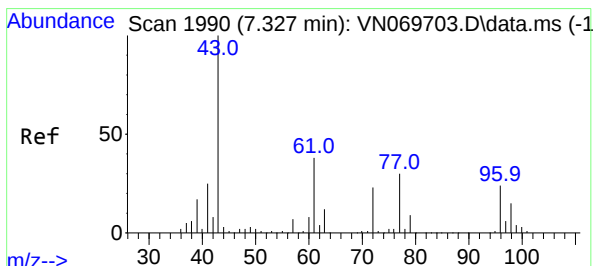
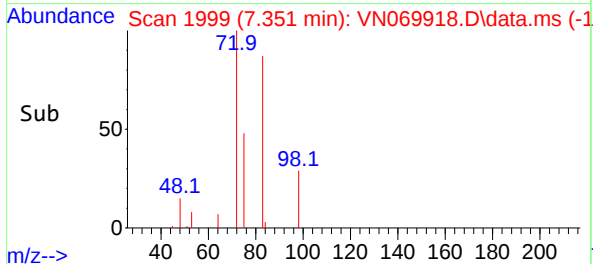
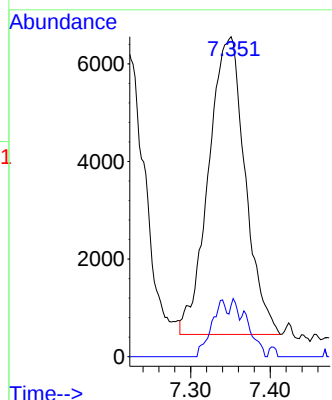
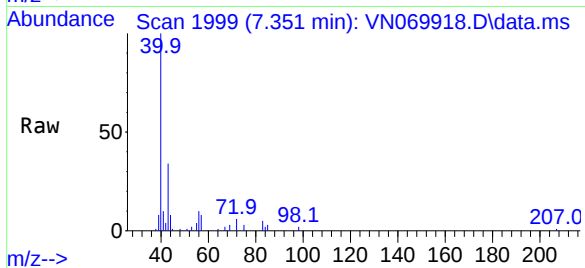
MW-1A

Tgt Ion: 43 Resp: 19494

Ion Ratio Lower Upper

43 100

72 17.2 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.318 ug/l

RT: 7.144 min Scan# 1922

Delta R.T. -0.182 min

Lab File: VN069918.D

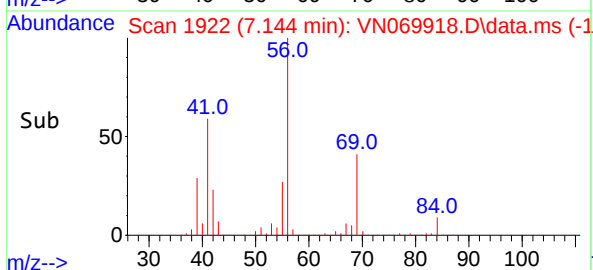
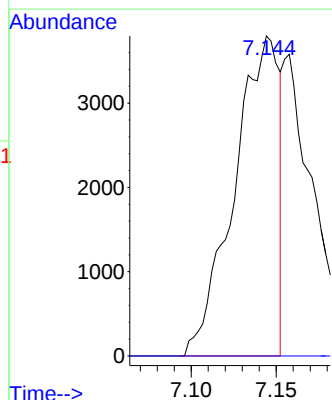
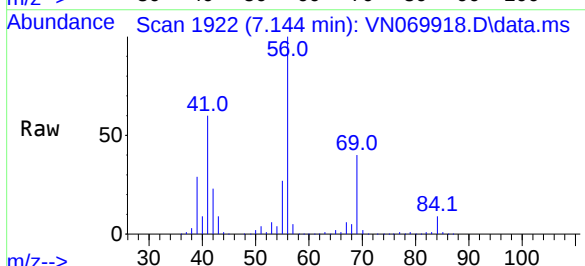
Acq: 9 Dec 2021 18:03

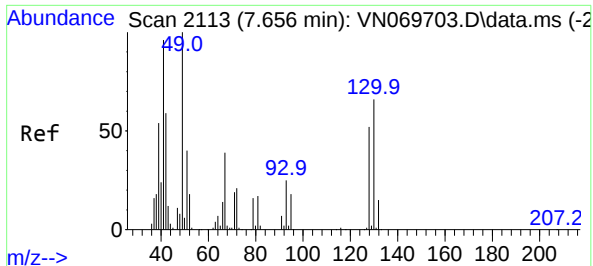
Tgt Ion: 77 Resp: 6964

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#

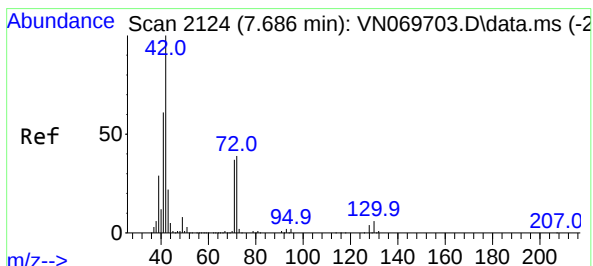
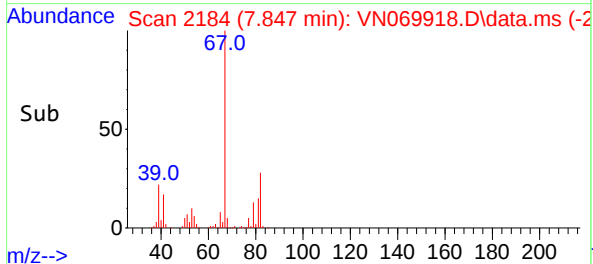
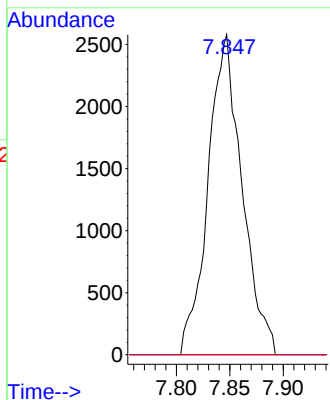
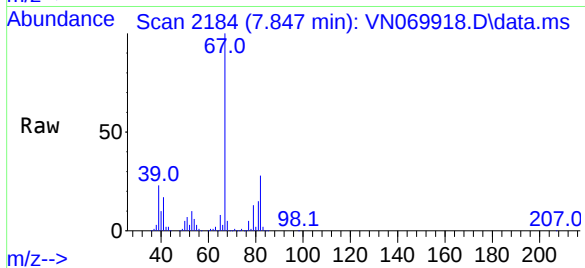




#28
Bromochloromethane
Concen: 0.389 ug/l
RT: 7.847 min Scan# 2113
Delta R.T. 0.191 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

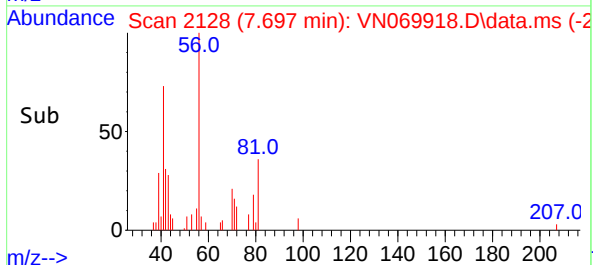
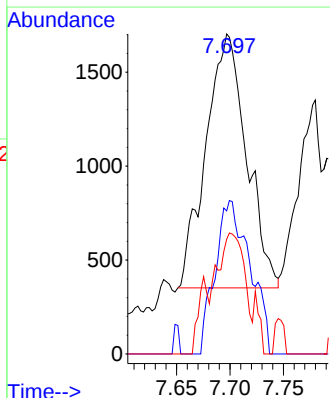
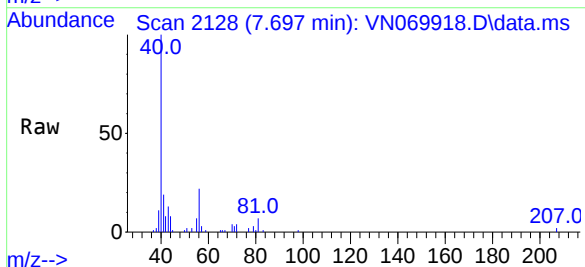
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

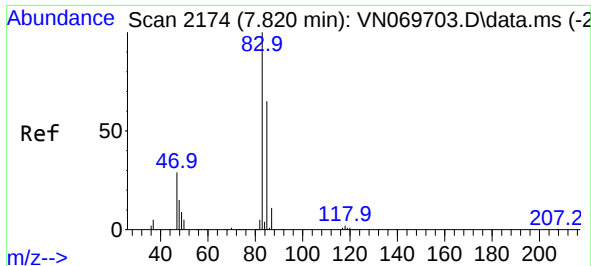
Tgt Ion: 49 Resp: 5697
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.362 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.011 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 42 Resp: 3589
Ion Ratio Lower Upper
42 100
72 51.6 36.3 54.5
71 32.3 34.7 52.1#





#30

Chloroform

Concen: 0.425 ug/l

RT: 7.844 min Scan# 2174

Delta R.T. 0.024 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

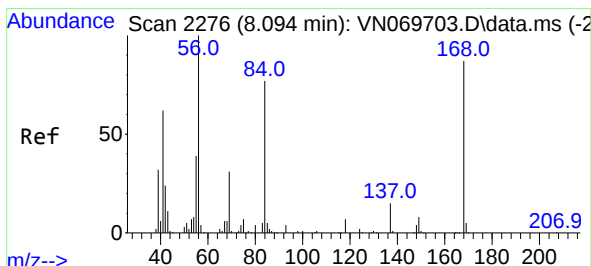
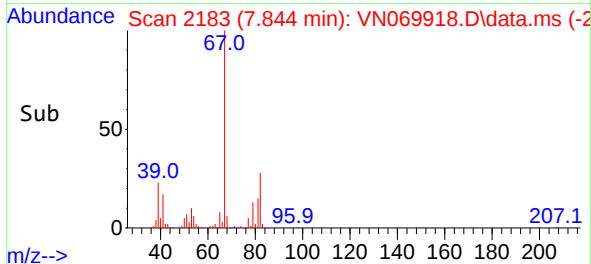
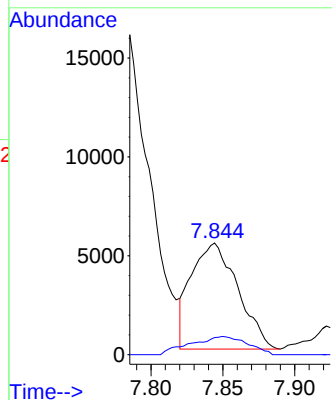
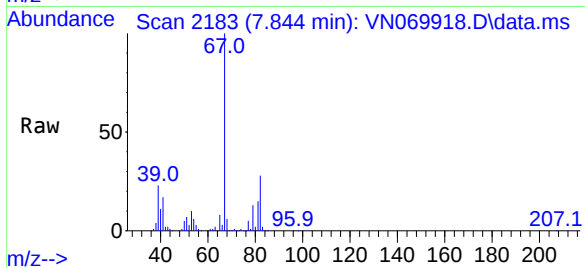
MW-1A

Tgt Ion: 83 Resp: 12071

Ion Ratio Lower Upper

83 100

85 16.2 51.9 77.9#



#31

Cyclohexane

Concen: 17.785 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

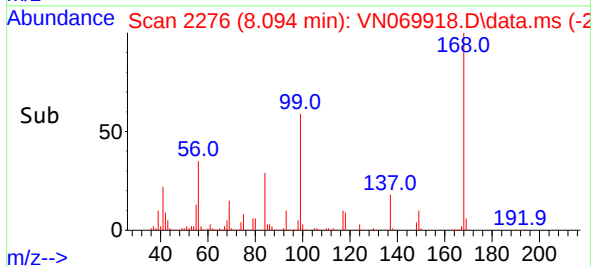
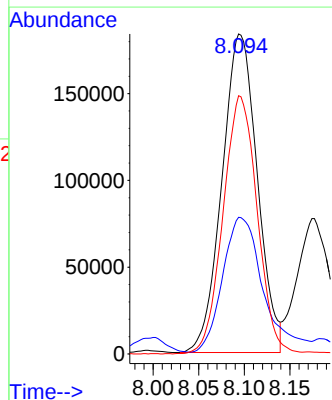
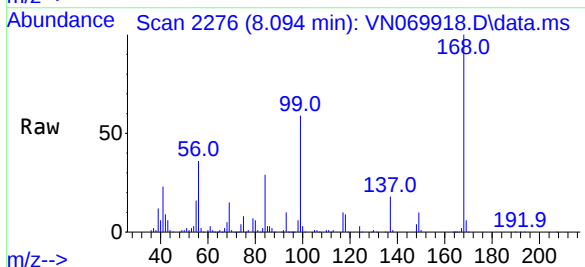
Tgt Ion: 56 Resp: 494746

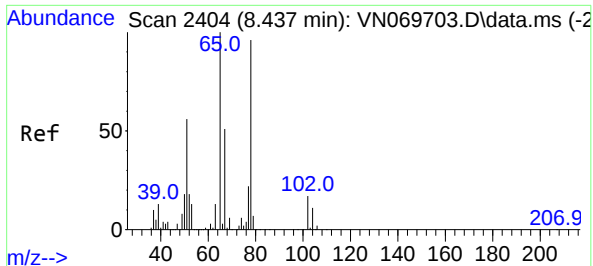
Ion Ratio Lower Upper

56 100

69 42.0 27.1 40.7#

84 80.9 73.4 110.0

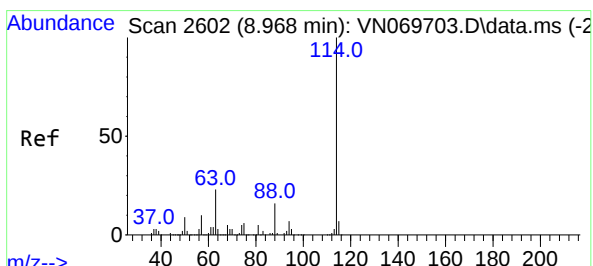
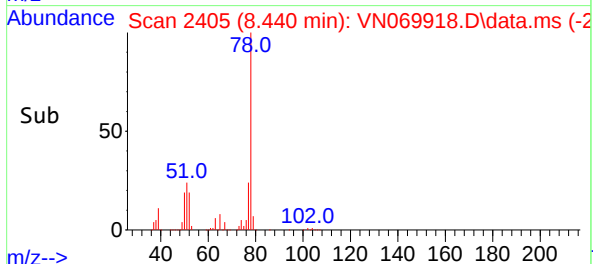
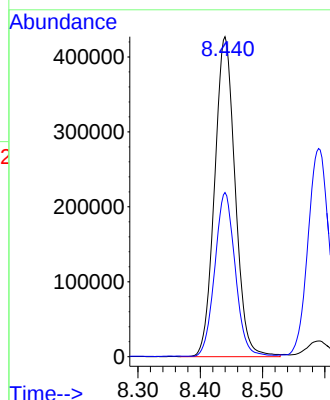
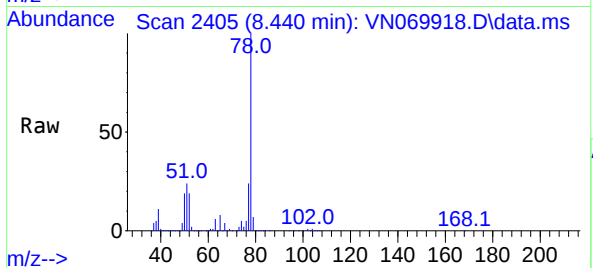




#33
1,2-Dichloroethane-d4
Concen: 49.023 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

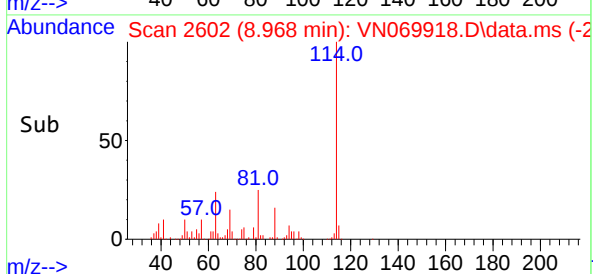
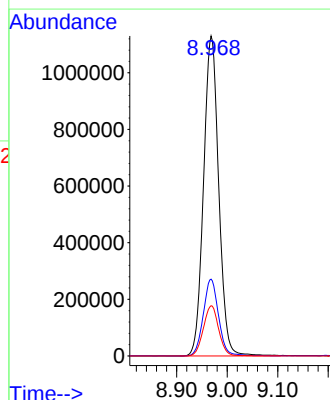
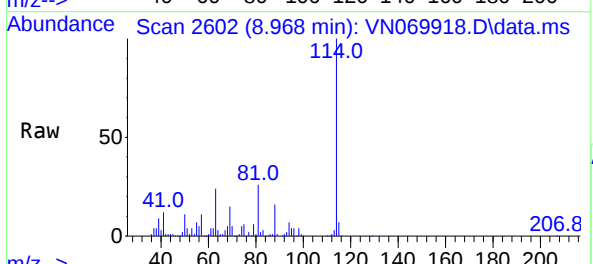
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

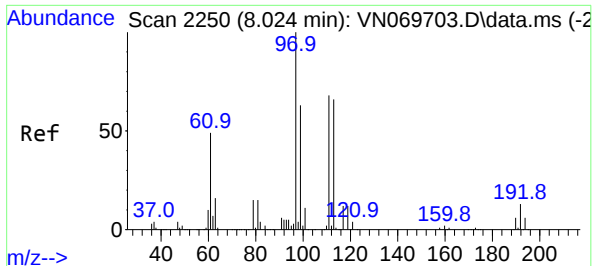
Tgt Ion: 65 Resp: 979912
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion:114 Resp: 2357412
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 15.7 0.0 27.4

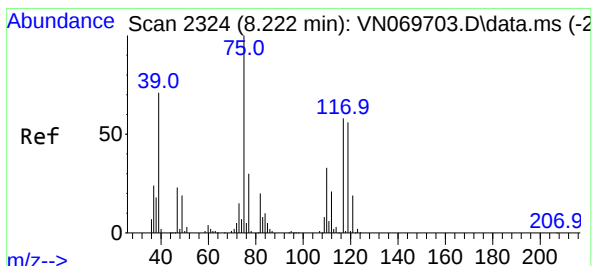
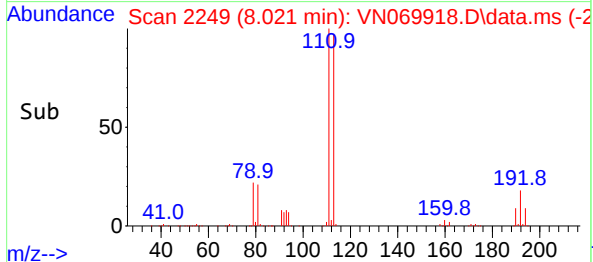
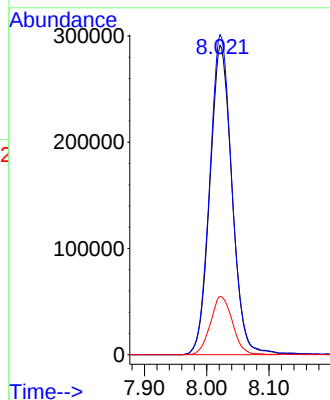
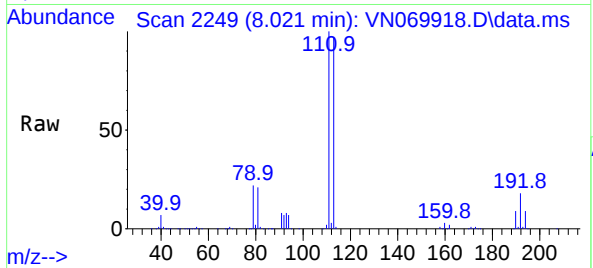




#35
Dibromofluoromethane
Concen: 48.641 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

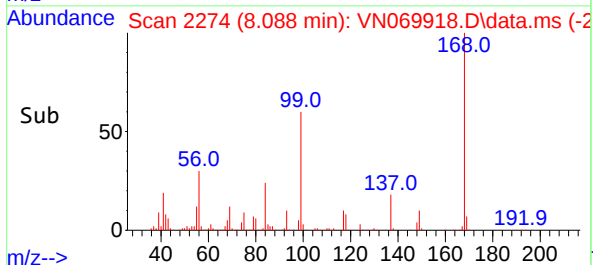
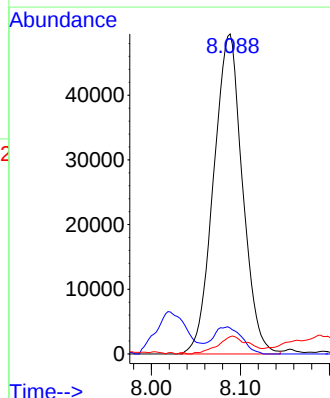
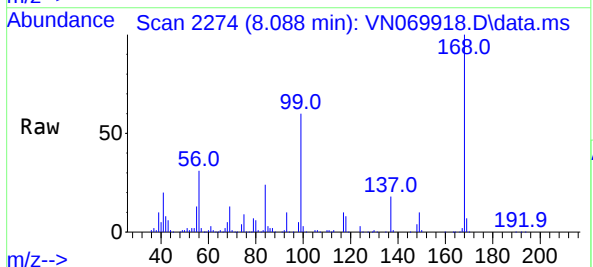
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

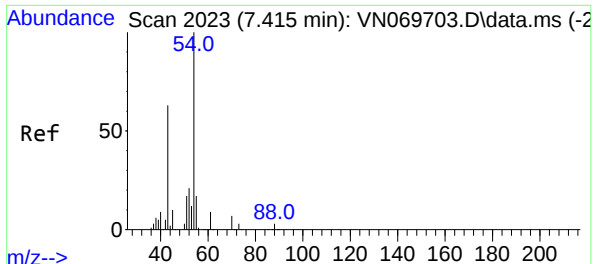
Tgt Ion:113 Resp: 718251
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 75 Resp: 111460
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#

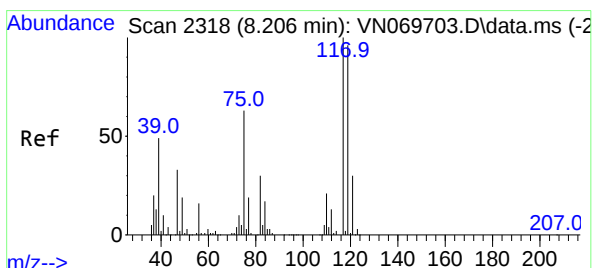
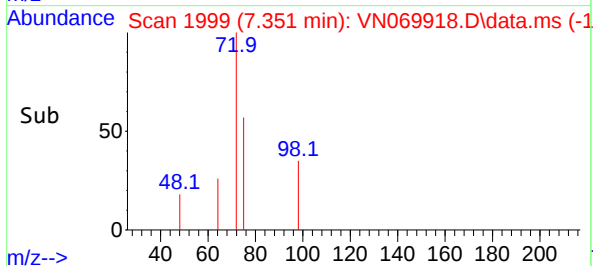
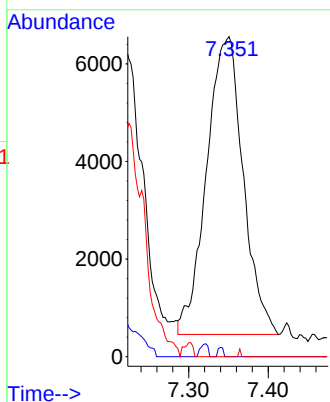
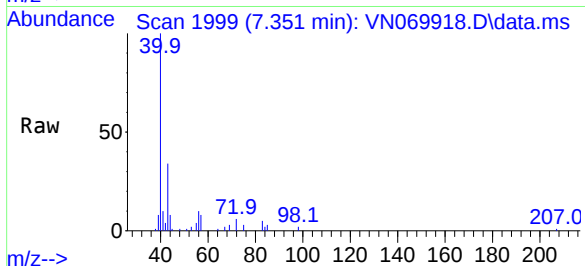




#37
Ethyl Acetate
Concen: 0.584 ug/l
RT: 7.351 min Scan# 19
Delta R.T. -0.064 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

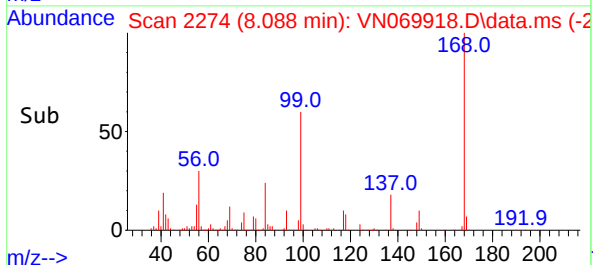
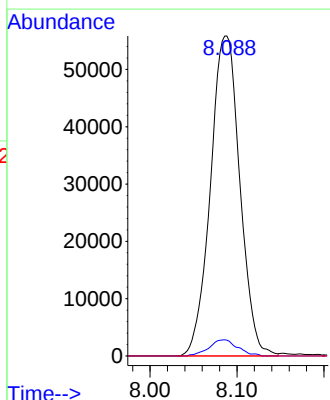
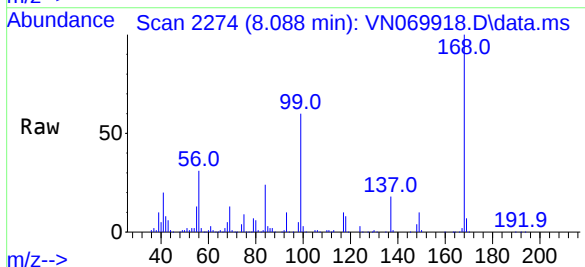
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

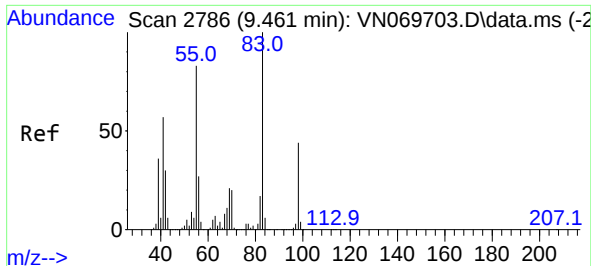
Tgt Ion: 43 Resp: 19494
Ion Ratio Lower Upper
43 100
61 0.4 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 117 Resp: 131471
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 18.477 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

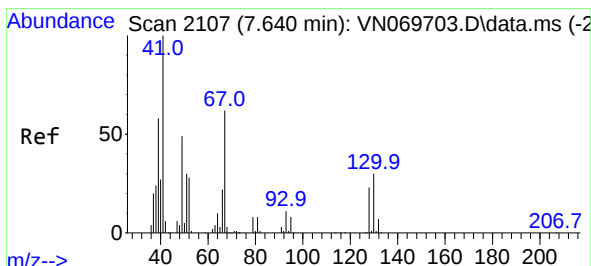
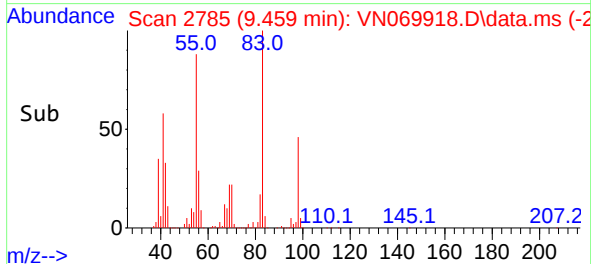
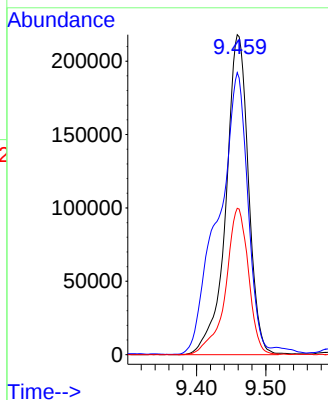
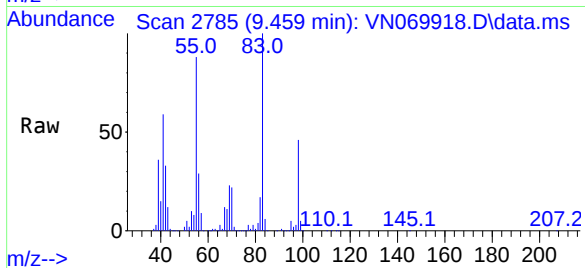
Tgt Ion: 83 Resp: 493238

Ion Ratio Lower Upper

83 100

55 88.0 58.1 87.1#

98 45.8 38.4 57.6



#41

Methacrylonitrile

Concen: 1.173 ug/l

RT: 7.675 min Scan# 2120

Delta R.T. 0.035 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Tgt Ion: 41 Resp: 18388

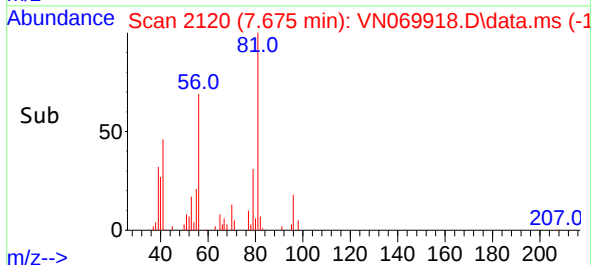
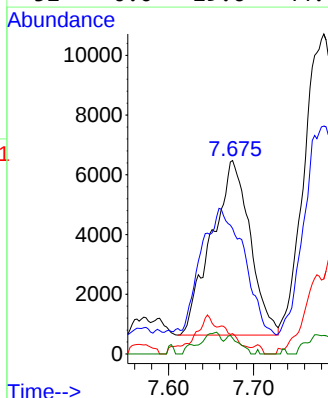
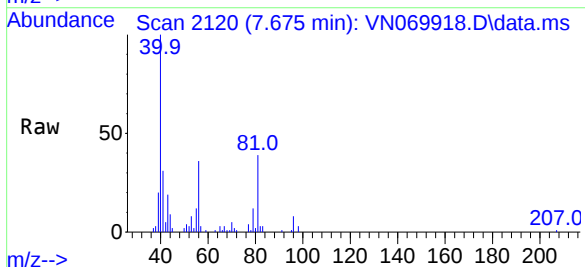
Ion Ratio Lower Upper

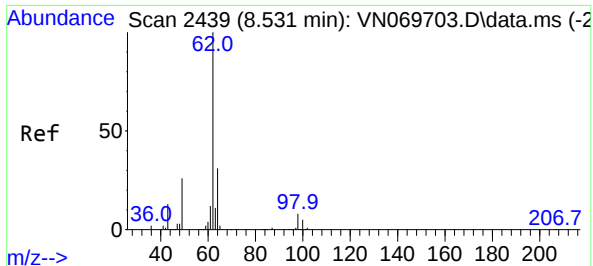
41 100

39 80.6 48.1 72.1#

67 0.0 68.3 102.5#

52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 11.663 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

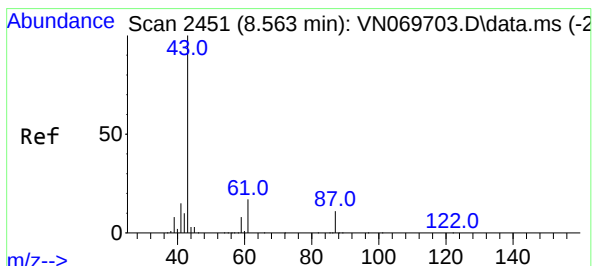
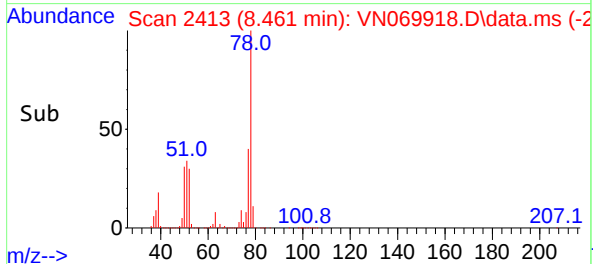
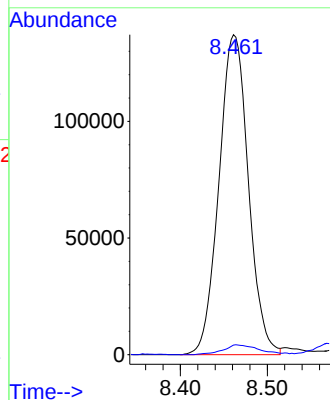
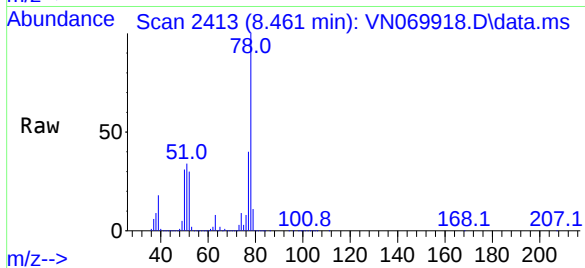
MW-1A

Tgt Ion: 62 Resp: 322965

Ion Ratio Lower Upper

62 100

98 3.9 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.795 ug/l

RT: 8.552 min Scan# 2447

Delta R.T. -0.011 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

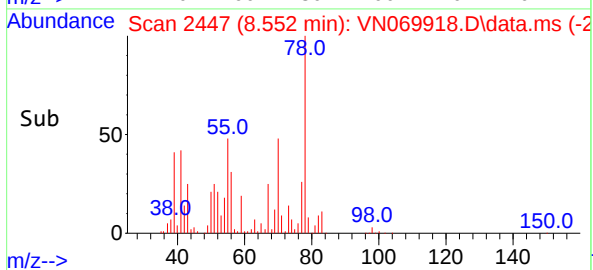
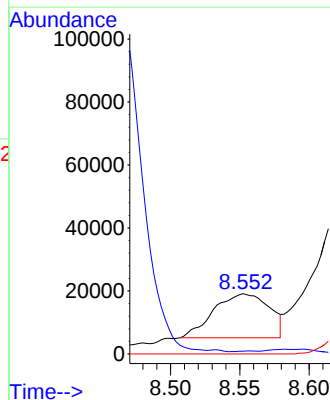
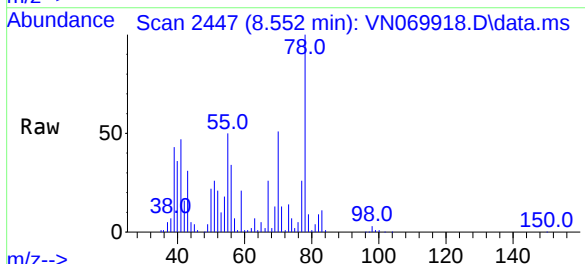
Tgt Ion: 43 Resp: 39279

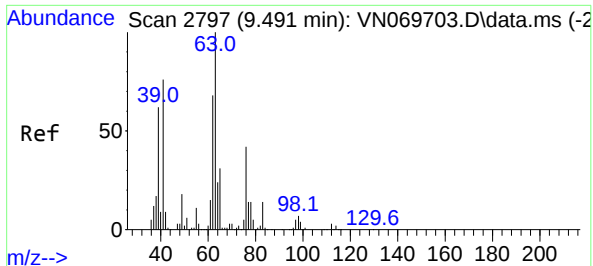
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.358 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.035 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

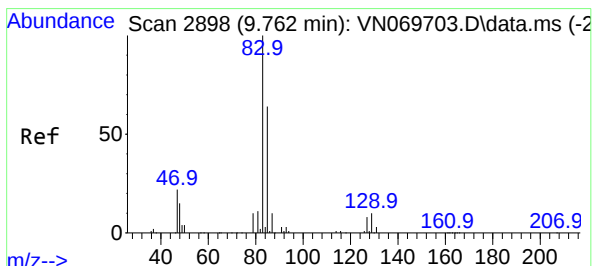
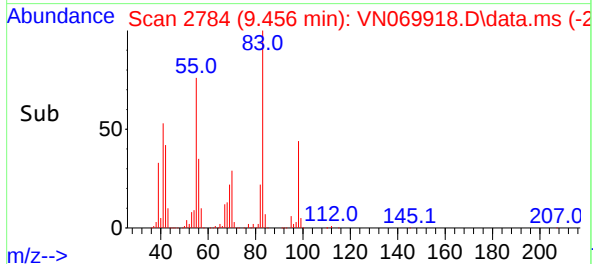
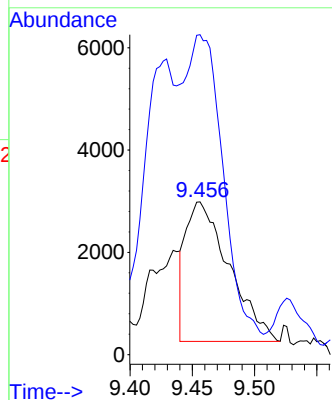
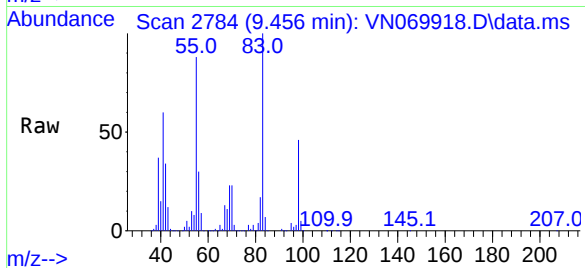
MW-1A

Tgt Ion: 63 Resp: 6601

Ion Ratio Lower Upper

63 100

65 194.6 24.7 37.1#



#47

Bromodichloromethane

Concen: 0.790 ug/l

RT: 9.746 min Scan# 2892

Delta R.T. -0.016 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

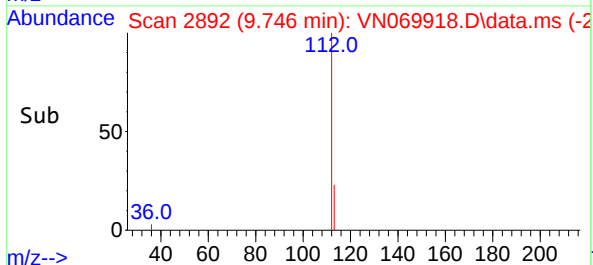
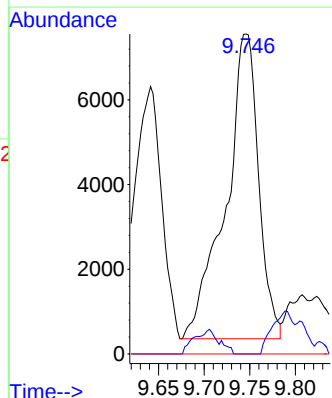
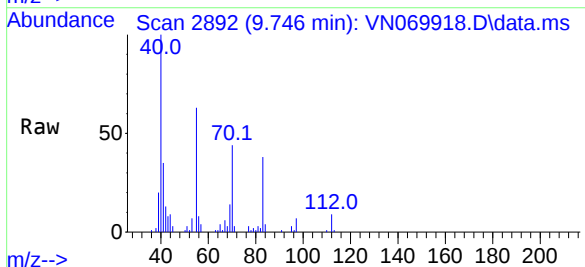
Tgt Ion: 83 Resp: 18070

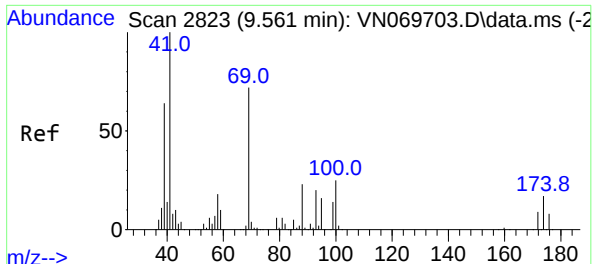
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 3.778 ug/l

RT: 9.641 min Scan# 21

Delta R.T. 0.080 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

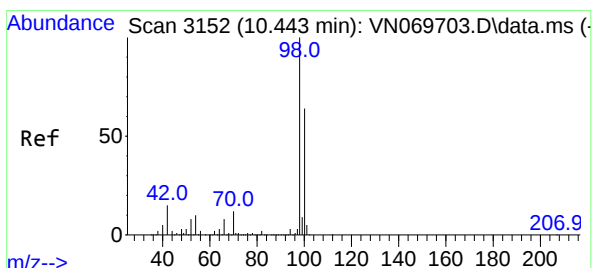
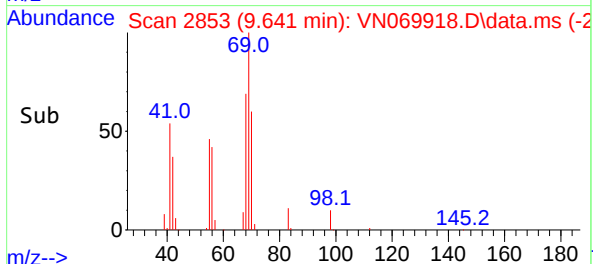
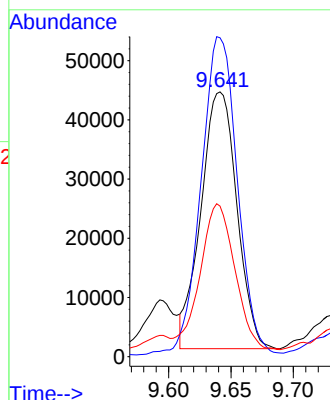
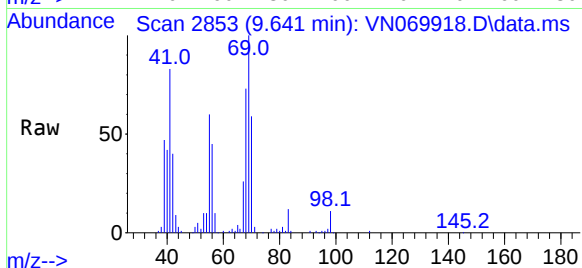
Tgt Ion: 41 Resp: 87157

Ion Ratio Lower Upper

41 100

69 125.4 72.4 108.6#

39 54.7 58.4 87.6#



#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069918.D

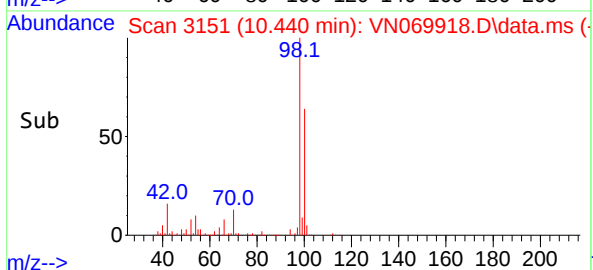
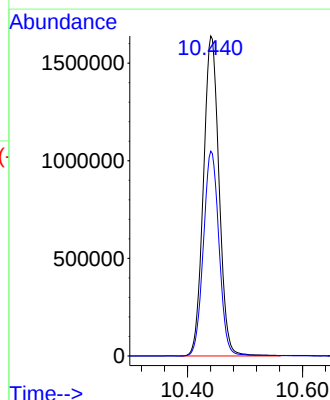
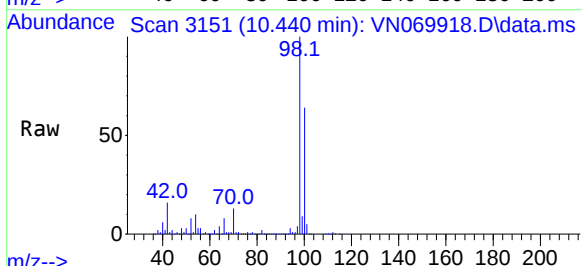
Acq: 9 Dec 2021 18:03

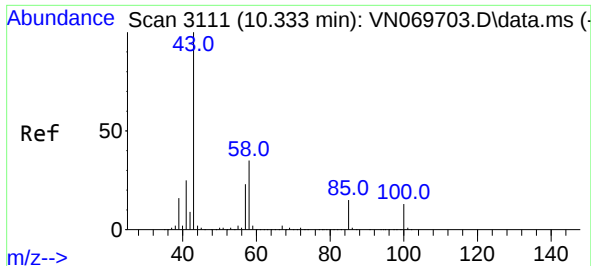
Tgt Ion: 98 Resp: 3095795

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.390 ug/l

RT: 10.368 min Scan# 3111

Delta R.T. 0.035 min

Lab File: VN069918.D

Acq: 9 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

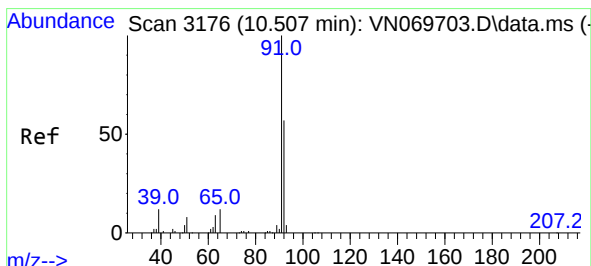
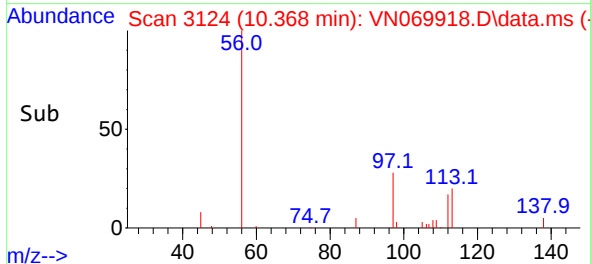
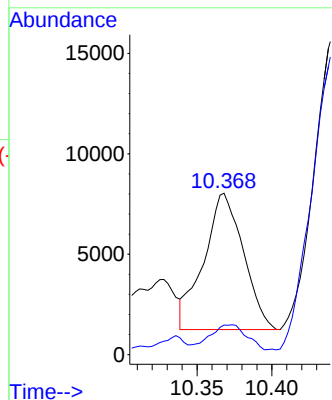
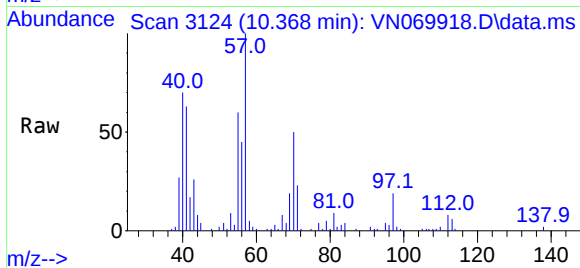
MW-1A

Tgt Ion: 43 Resp: 12493

Ion Ratio Lower Upper

43 100

58 16.3 30.4 45.6#



#52

Toluene

Concen: 4.283 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN069918.D

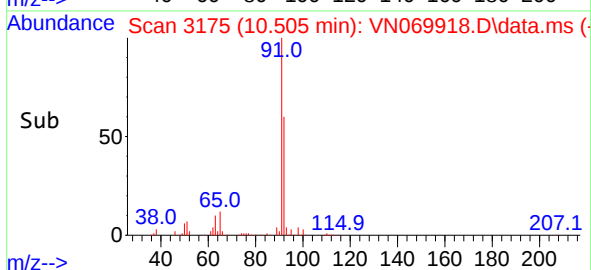
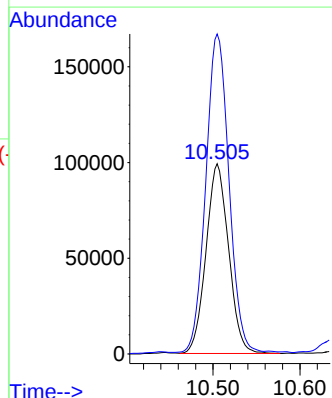
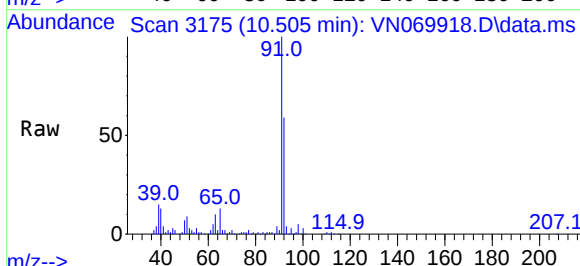
Acq: 9 Dec 2021 18:03

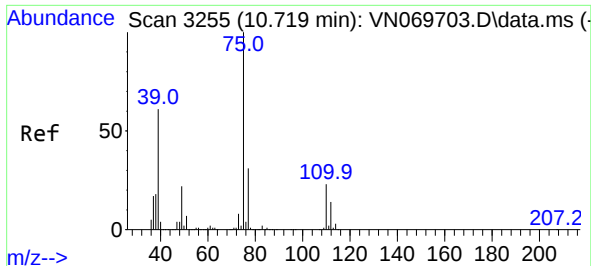
Tgt Ion: 92 Resp: 179348

Ion Ratio Lower Upper

92 100

91 171.1 142.0 213.0

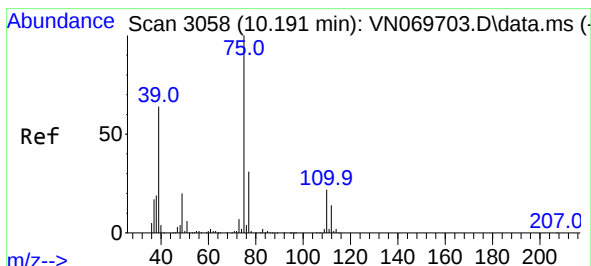
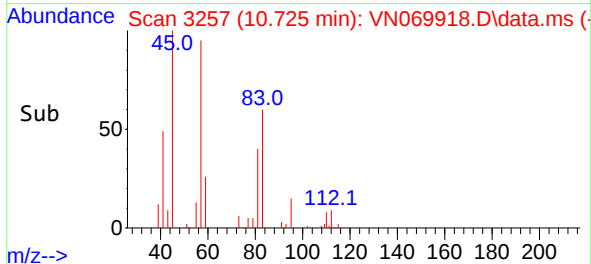
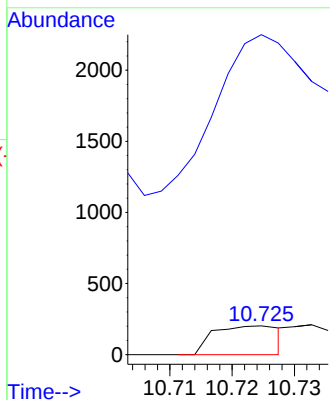
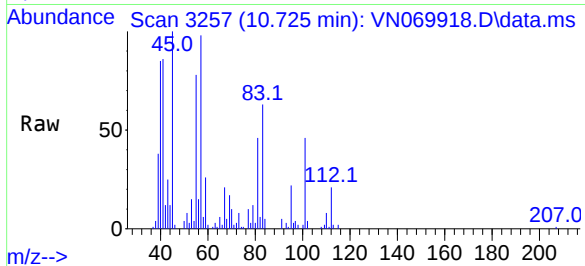




#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.725 min Scan# 3105
Delta R.T. 0.006 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

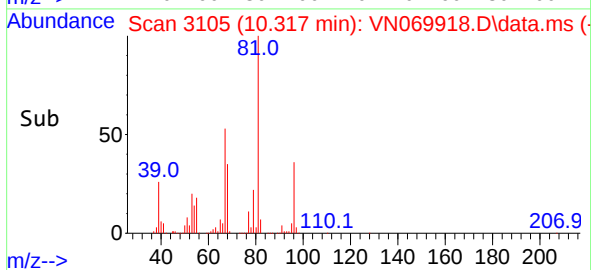
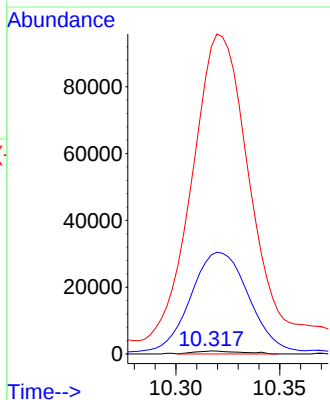
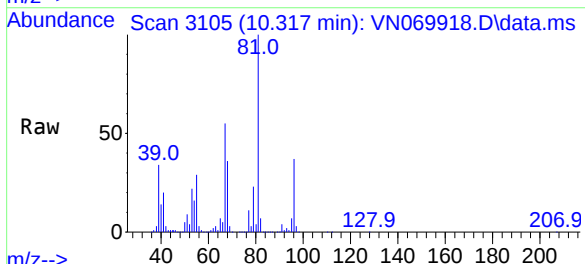
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

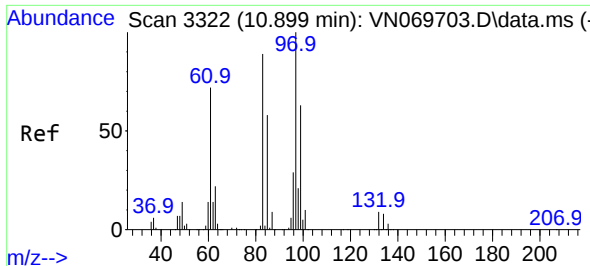
Tgt Ion: 75 Resp: 151
Ion Ratio Lower Upper
75 100
77 490.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.045 ug/l
RT: 10.317 min Scan# 3105
Delta R.T. 0.126 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 75 Resp: 1405
Ion Ratio Lower Upper
75 100
77 2956.3 26.4 39.6#
39 8883.8 42.5 63.7#

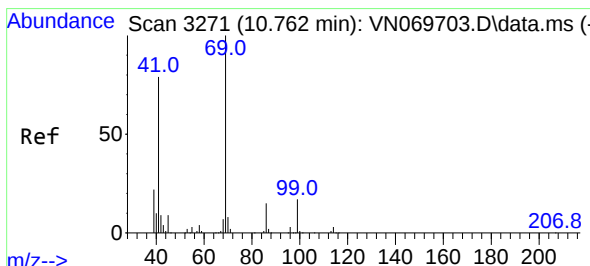
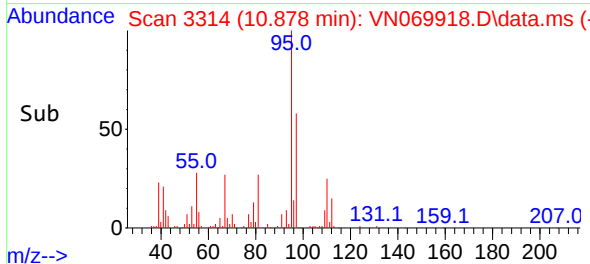
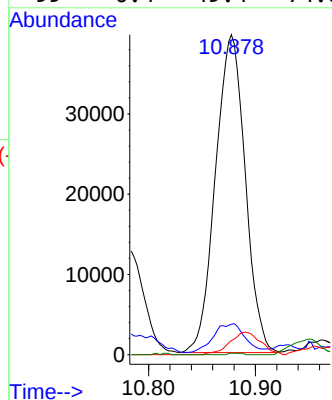
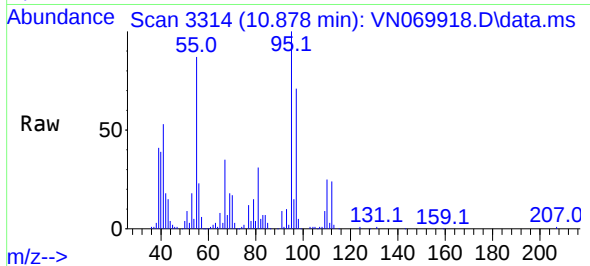




#55
1,1,2-Trichloroethane
Concen: 4.535 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

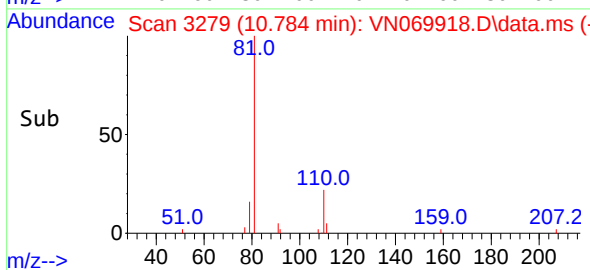
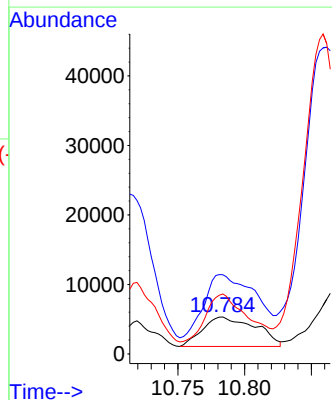
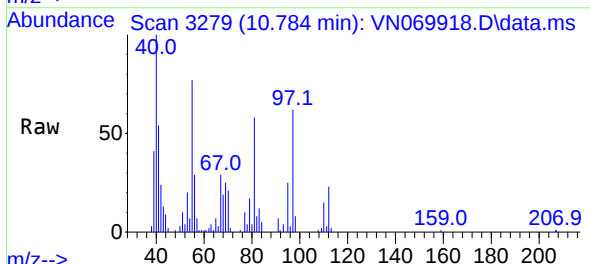
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

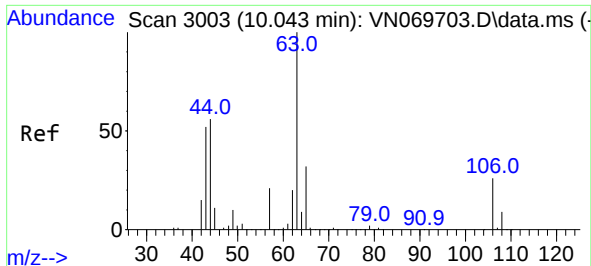
Tgt Ion: 97 Resp: 76625
Ion Ratio Lower Upper
97 100
83 8.7 67.8 101.6#
85 4.5 45.4 68.2#
99 0.4 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.630 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.022 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 69 Resp: 11708
Ion Ratio Lower Upper
69 100
41 205.4 51.4 77.0#
39 126.2 34.6 52.0#

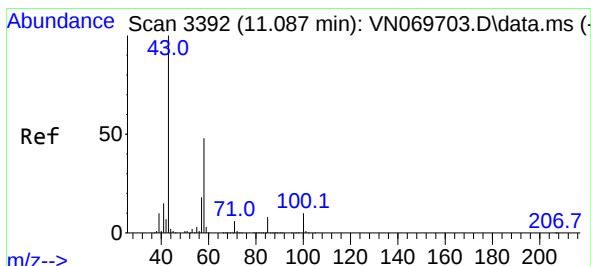
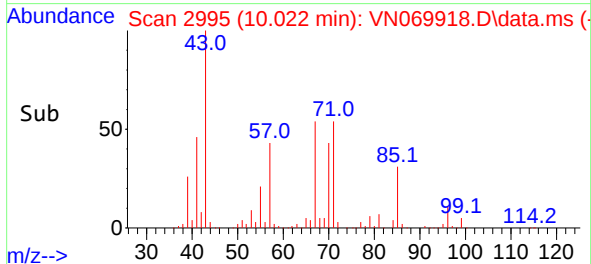
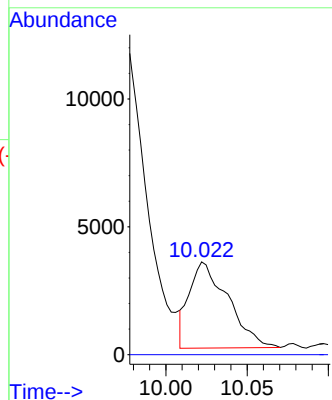
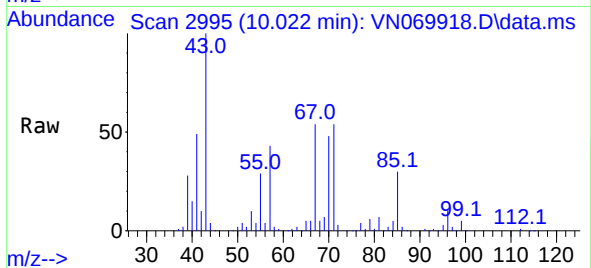




#58
2-Chloroethyl Vinyl ether
Concen: 18.987 ug/l
RT: 10.022 min Scan# 24
Delta R.T. -0.021 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

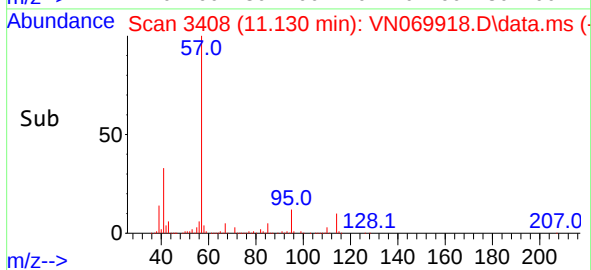
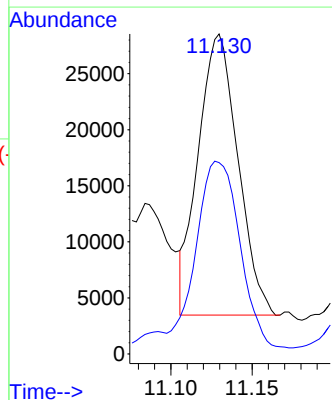
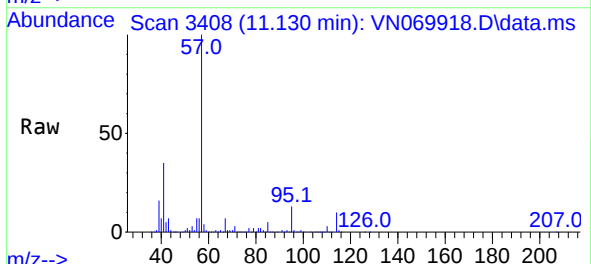
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

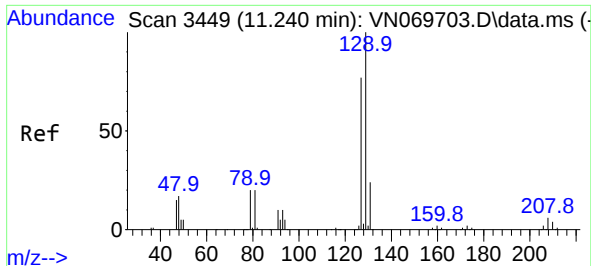
Tgt Ion: 63 Resp: 5561
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.759 ug/l
RT: 11.130 min Scan# 3408
Delta R.T. 0.043 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 43 Resp: 42660
Ion Ratio Lower Upper
43 100
58 77.5 26.9 80.7

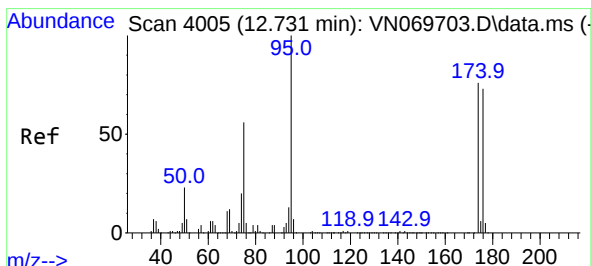
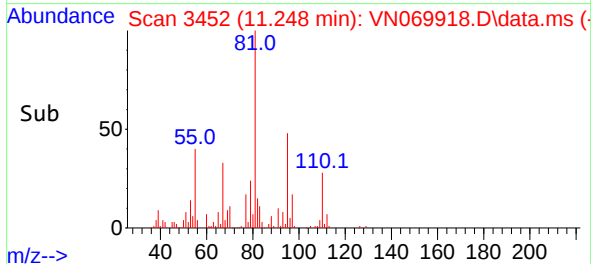
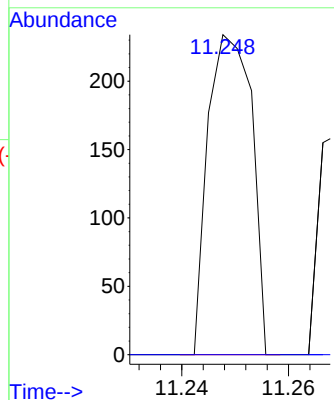
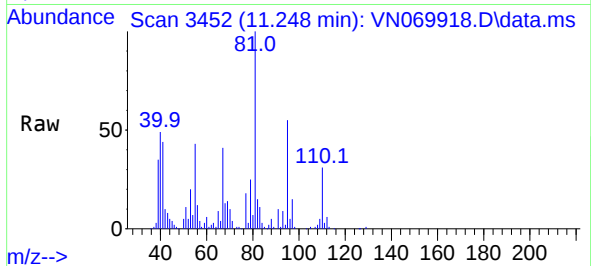




#60
Dibromochloromethane
Concen: 2.383 ug/l
RT: 11.248 min Scan# 3449
Delta R.T. 0.008 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

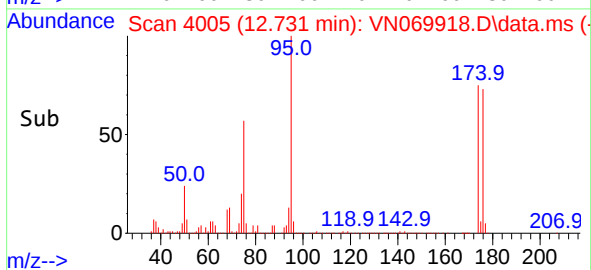
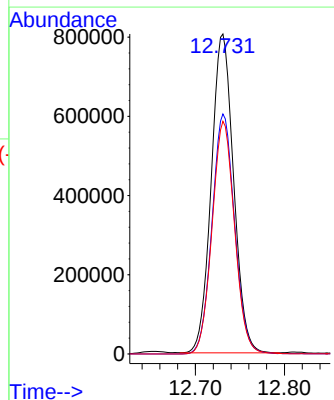
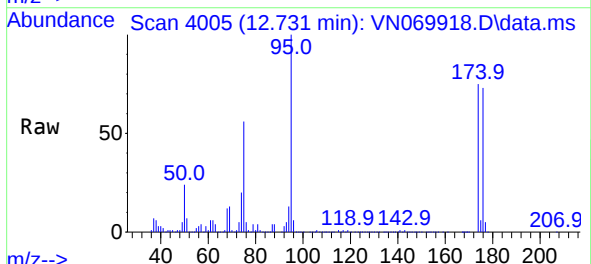
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

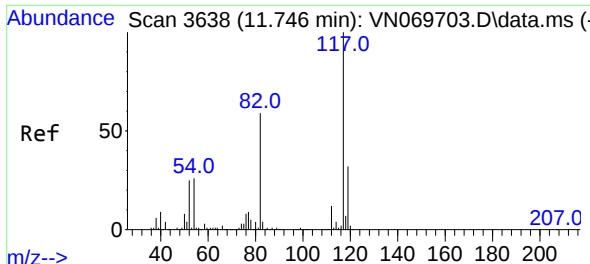
Tgt Ion:129 Resp: 133
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 65.267 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 95 Resp: 1401942
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.5 0.0 181.4



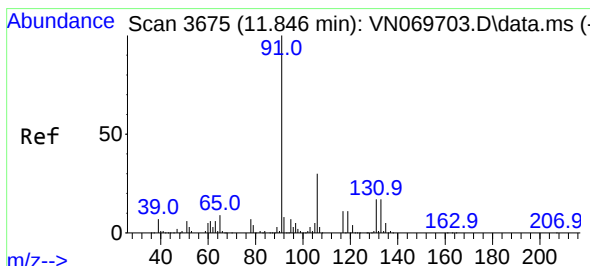
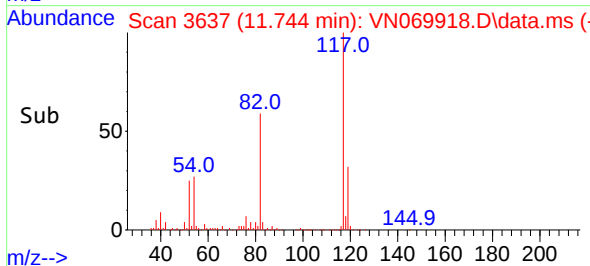
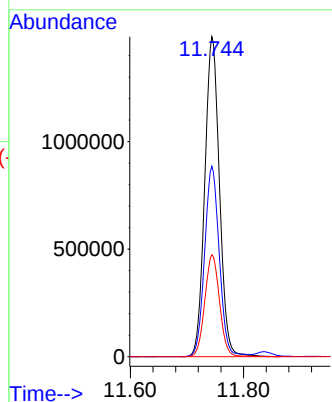
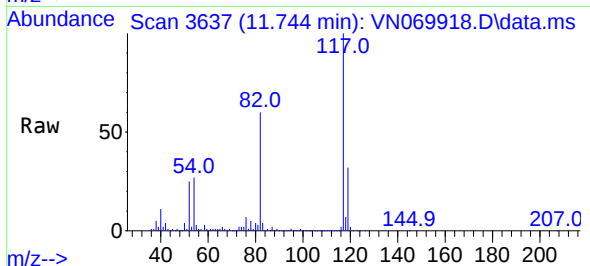


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tgt Ion:117 Resp: 2676280

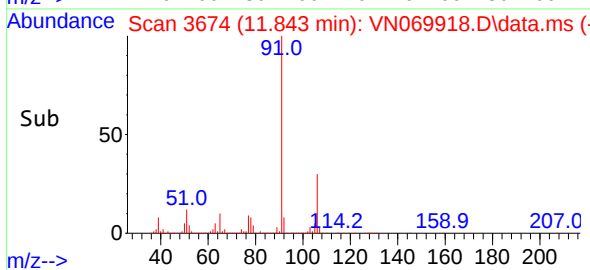
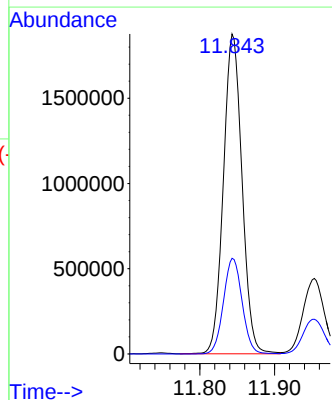
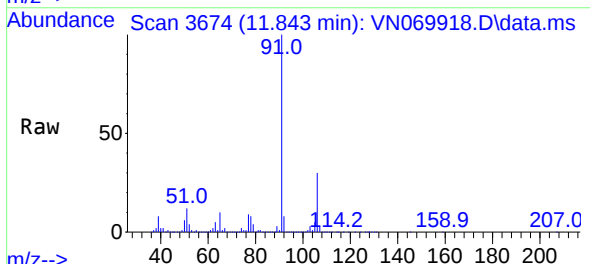
Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	31.9	25.4	38.2

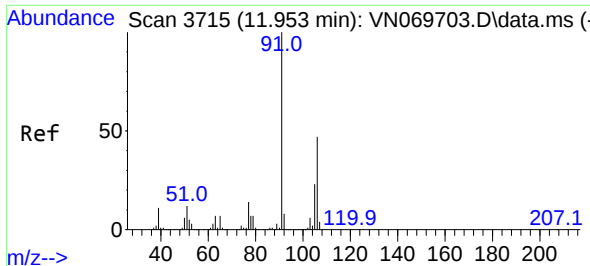


#67
Ethyl Benzene
Concen: 32.853 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 91 Resp: 3240033

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.7	38.5

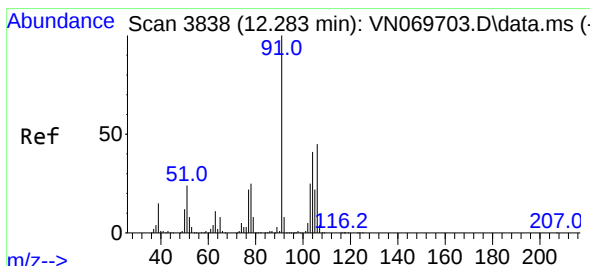
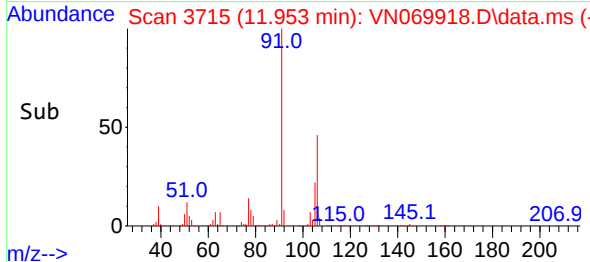
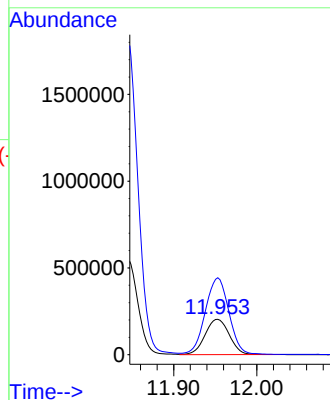
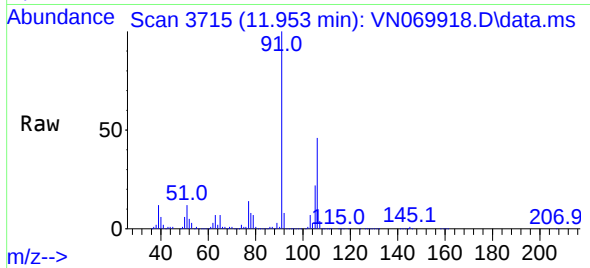




#68
m/p-Xylenes
Concen: 11.465 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

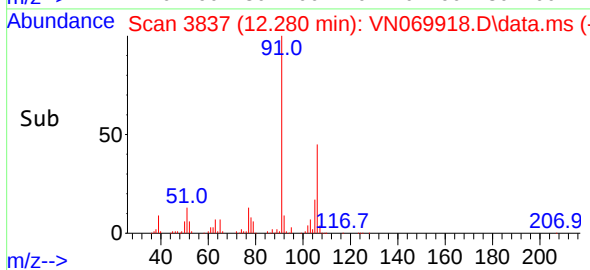
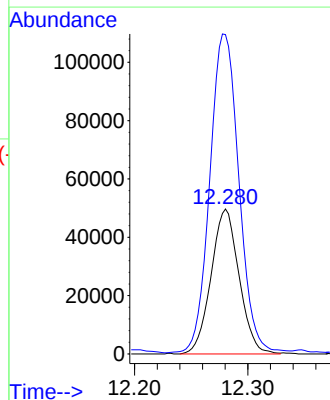
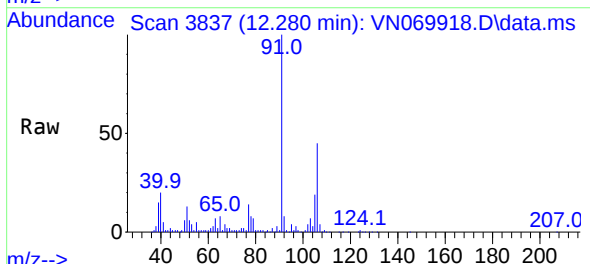
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

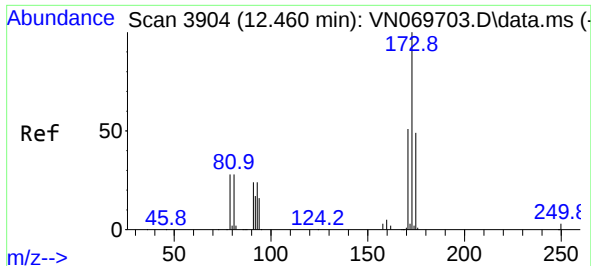
Tgt Ion:106 Resp: 411712
Ion Ratio Lower Upper
106 100
91 211.3 160.6 240.8



#69
o-Xylene
Concen: 2.359 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion:106 Resp: 85343
Ion Ratio Lower Upper
106 100
91 228.2 105.8 317.3

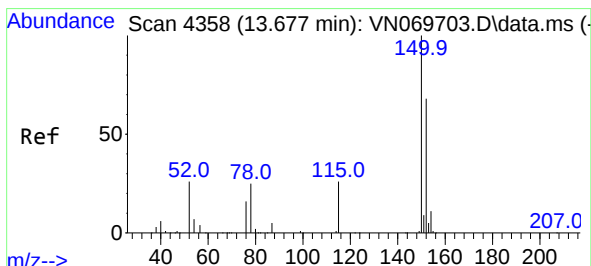
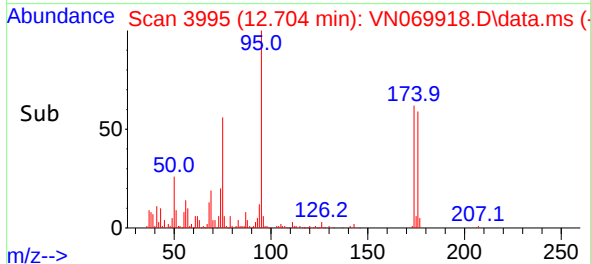
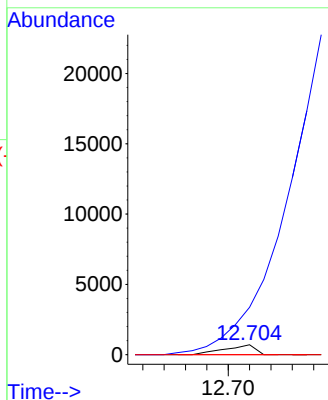
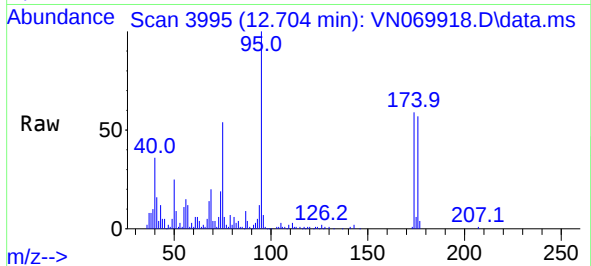




#71
Bromoform
Concen: 2.747 ug/l
RT: 12.704 min Scan# 3904
Delta R.T. 0.244 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

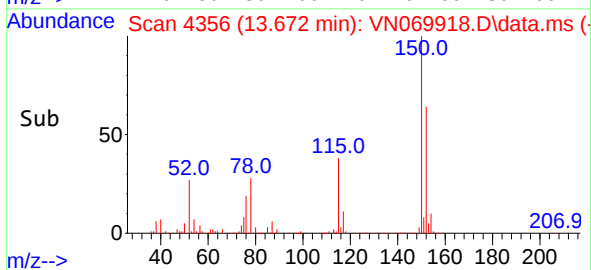
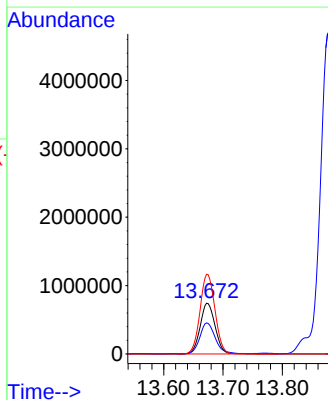
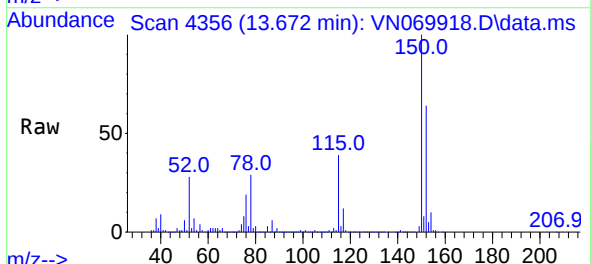
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

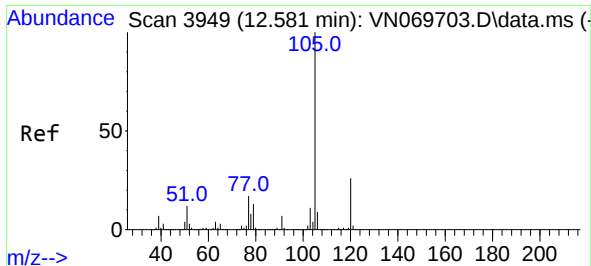
Tgt Ion:173 Resp: 278
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion:152 Resp: 1300540
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 156.4 0.0 344.4

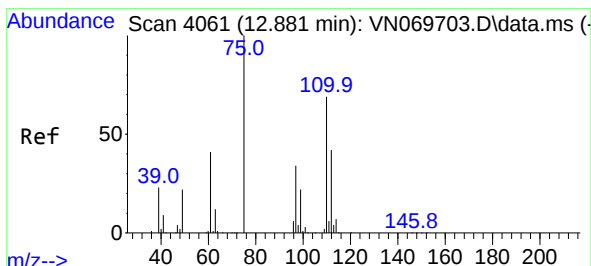
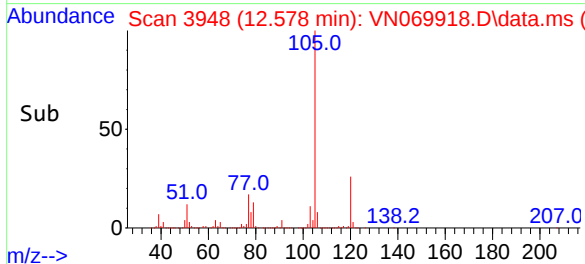
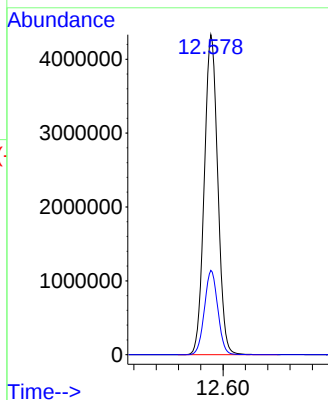
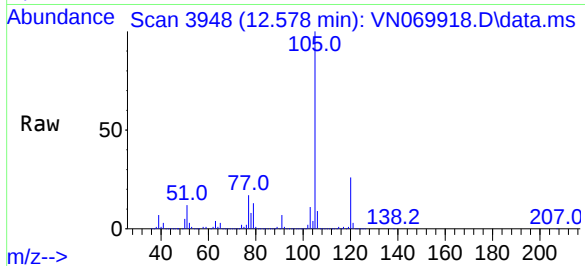




#73
Isopropylbenzene
Concen: 62.763 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

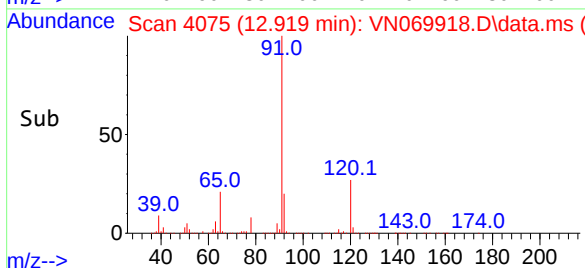
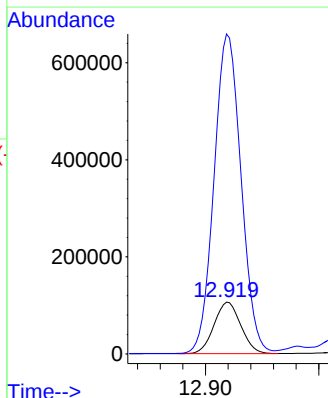
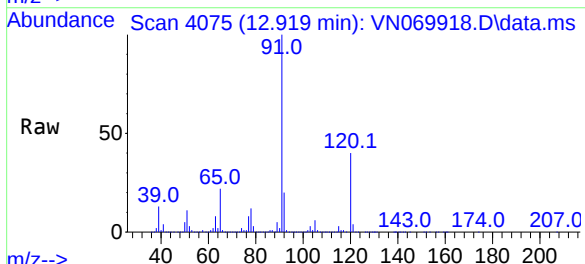
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

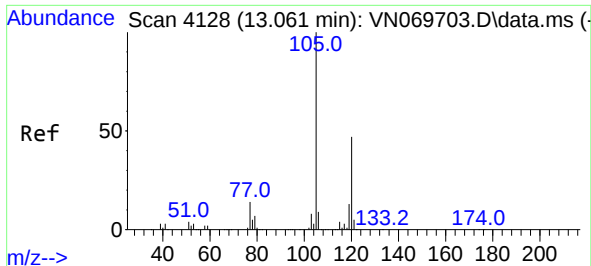
Tgt Ion:105 Resp: 7262385
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#76
1,2,3-Trichloropropane
Concen: 4.651 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 75 Resp: 173480
Ion Ratio Lower Upper
75 100
77 629.1 82.6 247.8#

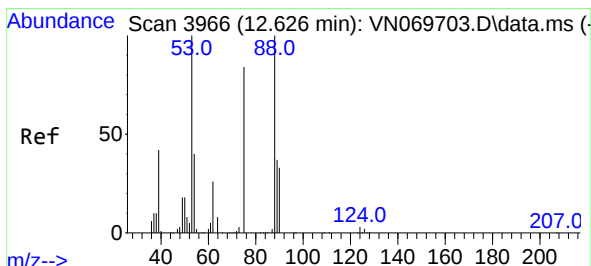
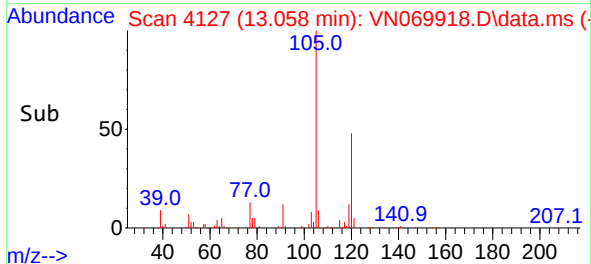
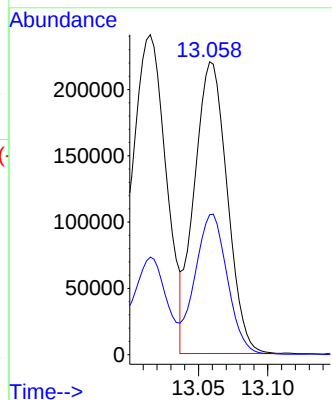
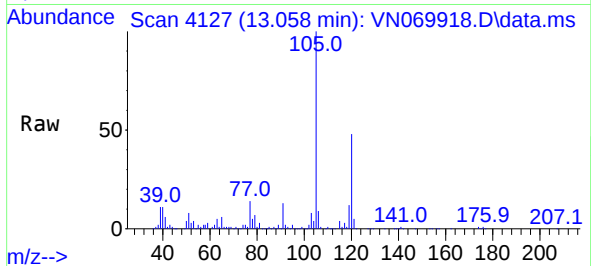




#80
1,3,5-Trimethylbenzene
Concen: 3.897 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

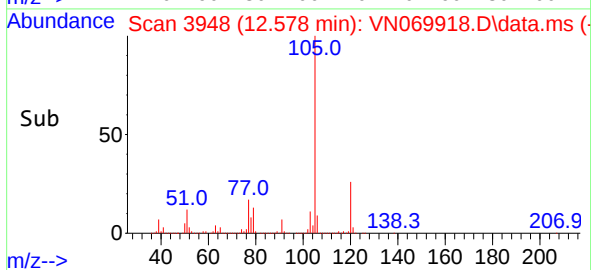
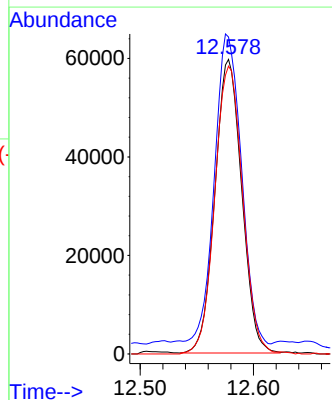
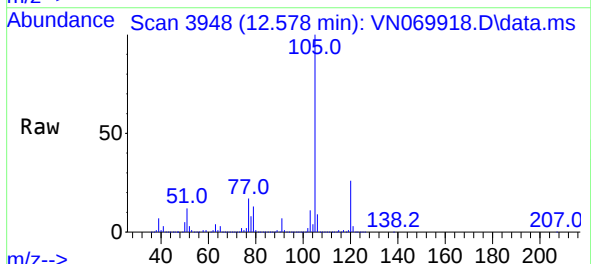
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

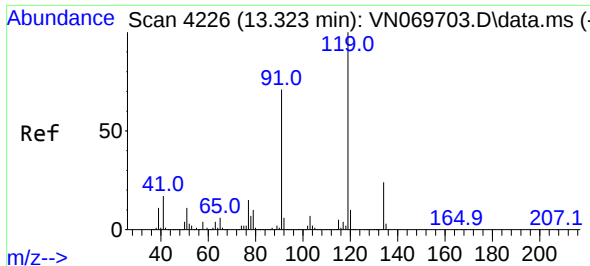
Tgt Ion:105 Resp: 362932
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 11.950 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.048 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 75 Resp: 97852
Ion Ratio Lower Upper
75 100
53 105.5 90.5 135.7
89 102.2 38.2 57.4#

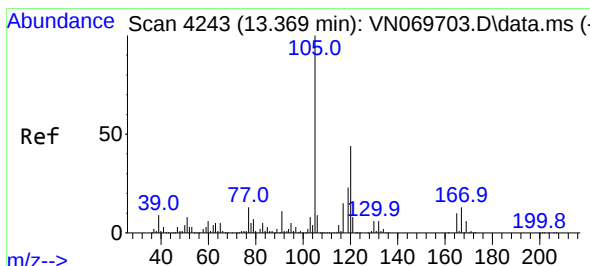
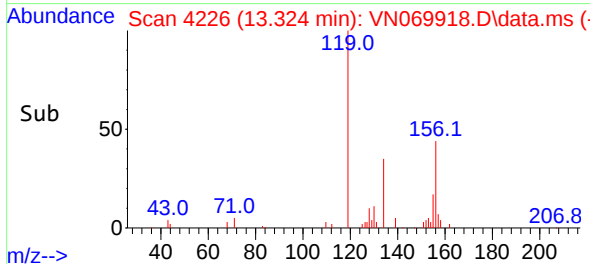
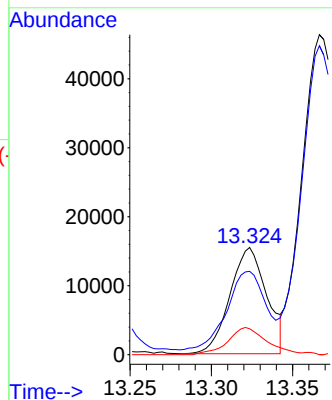
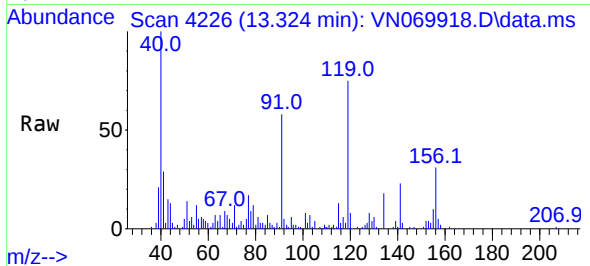




#83
tert-Butylbenzene
Concen: 0.294 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

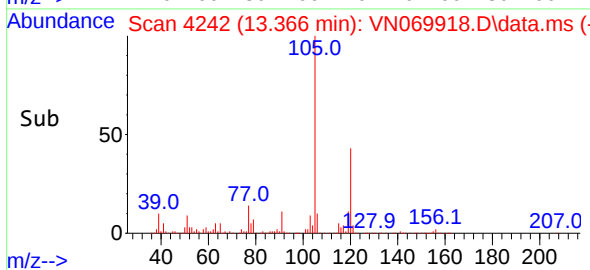
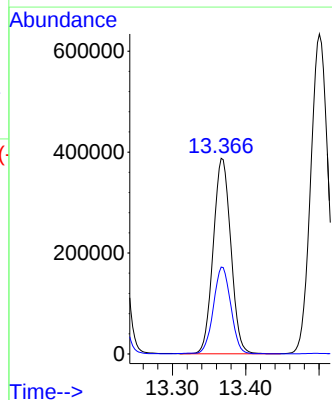
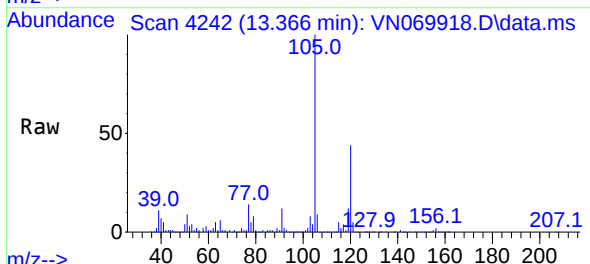
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

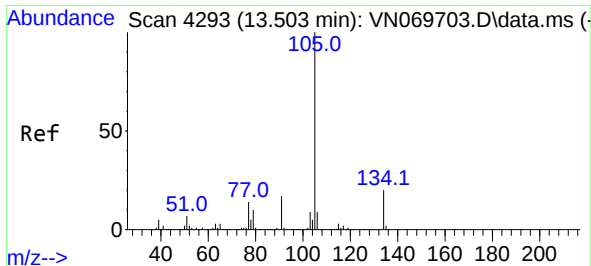
Tgt Ion:119 Resp: 24208
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 7.267 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion:105 Resp: 644568
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4

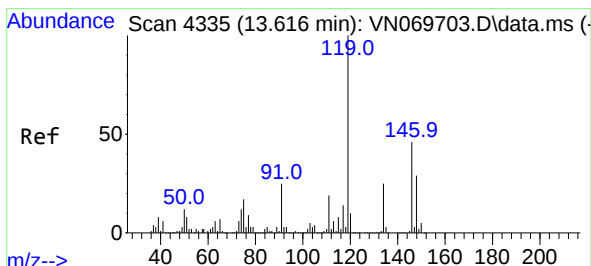
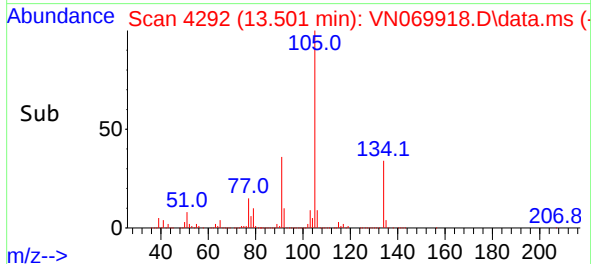
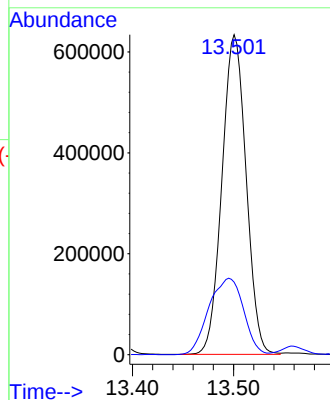
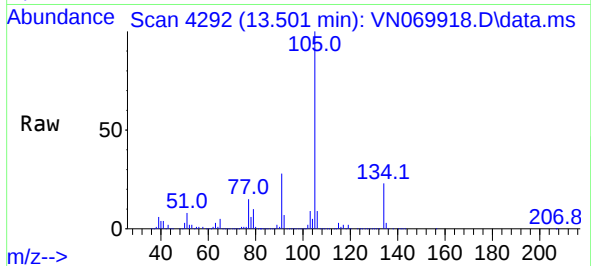




#85
 sec-Butylbenzene
 Concen: 9.397 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069918.D
 Acq: 9 Dec 2021 18:03

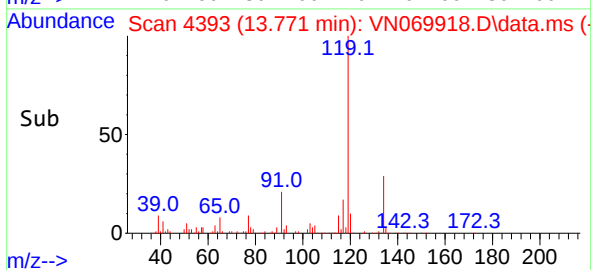
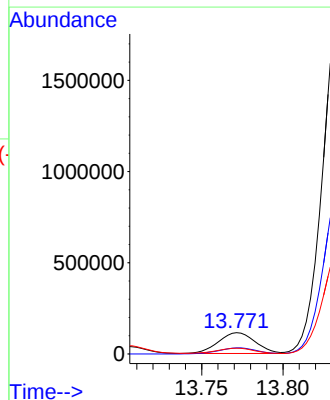
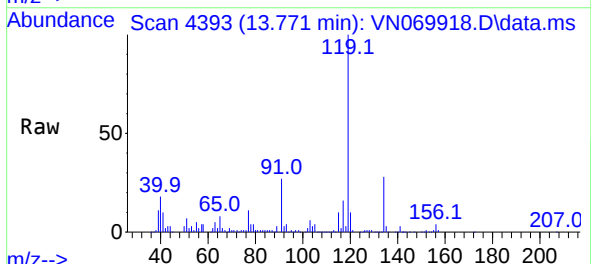
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

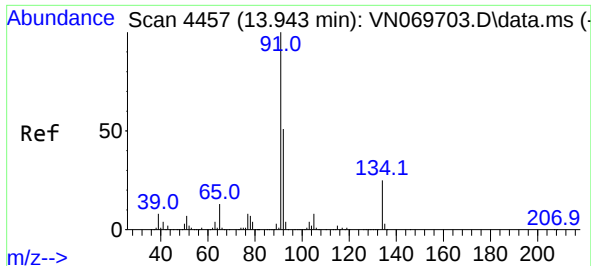
Tgt Ion:105 Resp: 1051100
 Ion Ratio Lower Upper
 105 100
 134 34.4 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.062 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.156 min
 Lab File: VN069918.D
 Acq: 9 Dec 2021 18:03

Tgt Ion:119 Resp: 180265
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.6 40.7
 91 0.0 11.4 34.1#

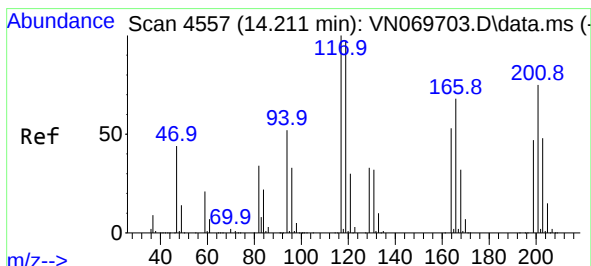
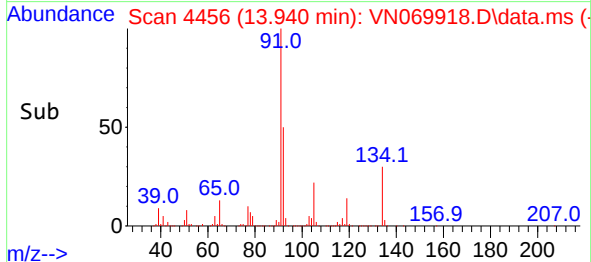
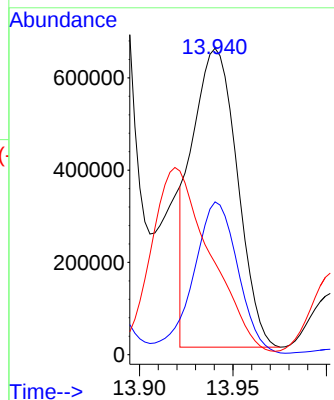
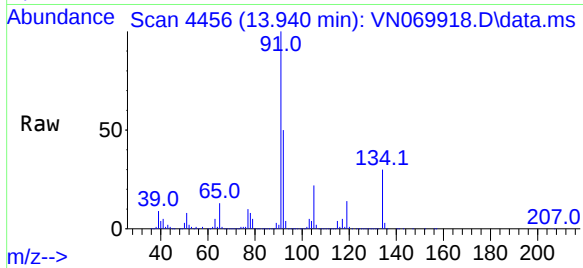




#89
n-Butylbenzene
Concen: 15.326 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

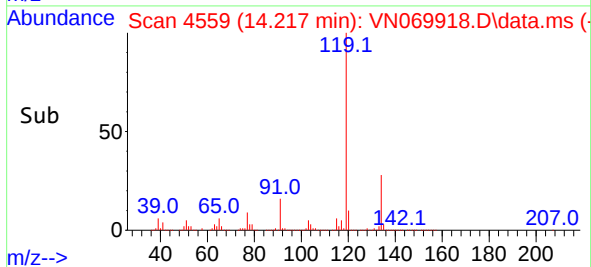
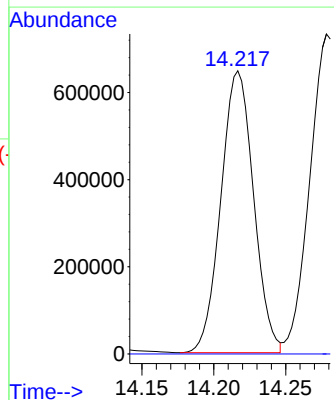
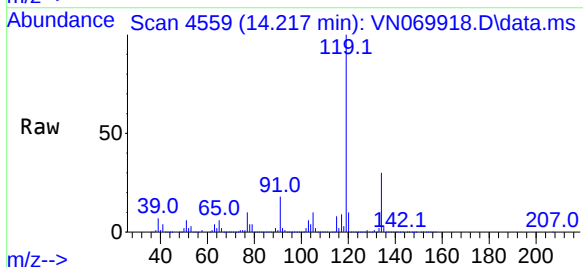
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

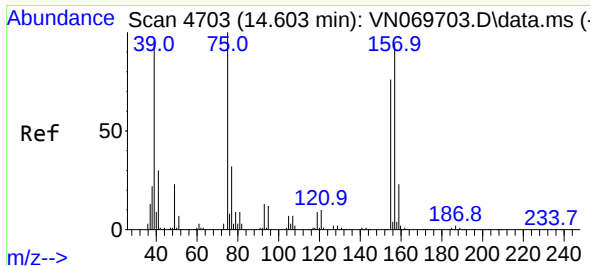
Tgt Ion: 91 Resp: 1087016
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 66.614 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion: 117 Resp: 1022605
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

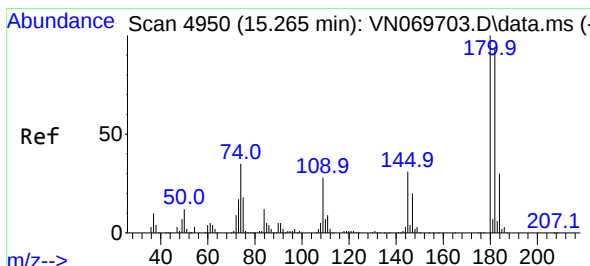
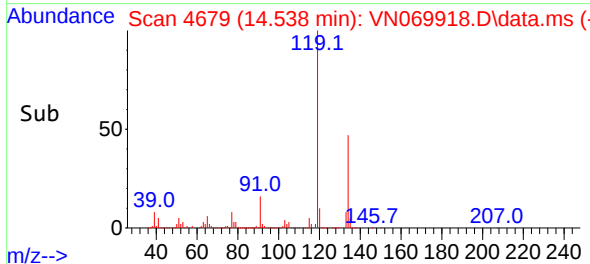
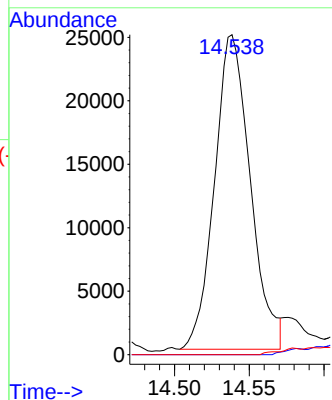
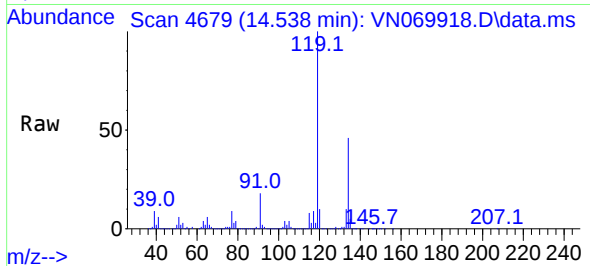




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.712 ug/l
 RT: 14.538 min Scan# 41
 Delta R.T. -0.064 min
 Lab File: VN069918.D
 Acq: 9 Dec 2021 18:03

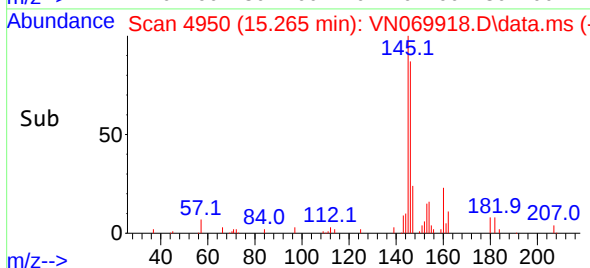
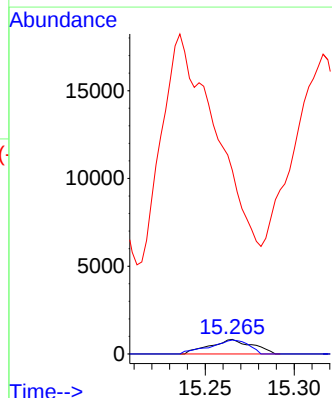
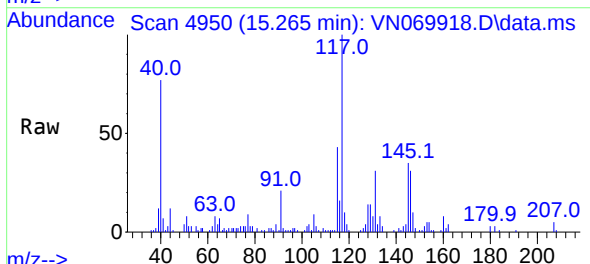
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

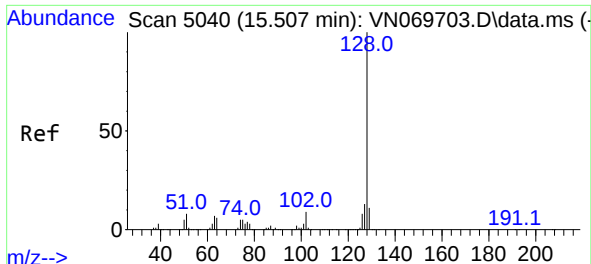
Tgt Ion: 75 Resp: 41297
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.939 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069918.D
 Acq: 9 Dec 2021 18:03

Tgt Ion:180 Resp: 1381
 Ion Ratio Lower Upper
 180 100
 182 86.7 48.3 144.9
 145 0.0 14.5 43.5#

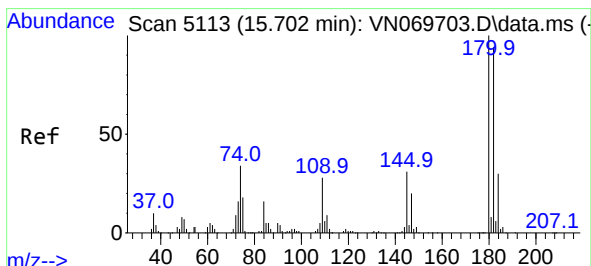
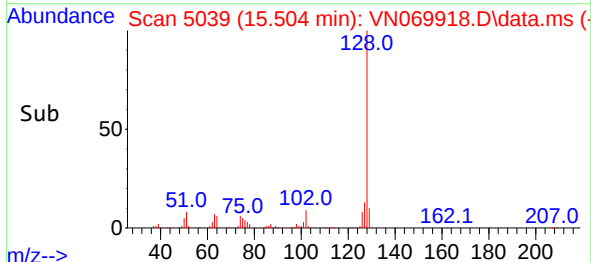
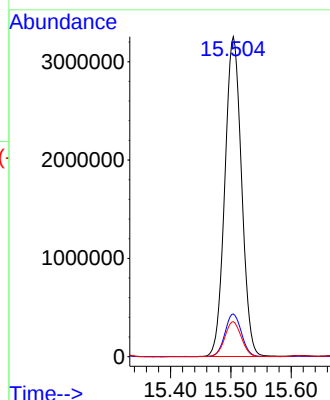
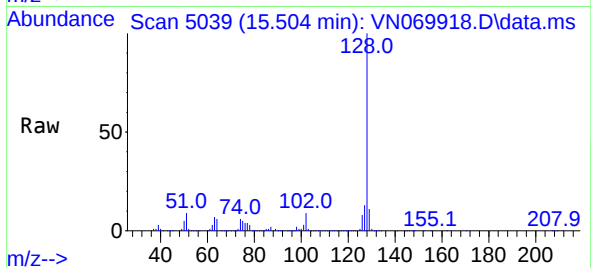




#95
Naphthalene
Concen: 94.397 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tgt Ion:128 Resp: 6244016
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.461 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069918.D
Acq: 9 Dec 2021 18:03

Tgt Ion:180 Resp: 565
Ion Ratio Lower Upper
180 100
182 245.7 47.4 142.2#
145 0.0 15.0 45.1#

