

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069917.D
 Acq On : 9 Dec 2021 17:37
 Operator : JC/MD
 Sample : M4969-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4A

Quant Time: Dec 10 06:18:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1284217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2318722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2626527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1244301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	976734	49.260	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.520%
35) Dibromofluoromethane	8.021	113	712078	49.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.060%
50) Toluene-d8	10.441	98	3075456	52.735	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.731	95	1382925	65.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.920%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.390	59	21679	5.784	ug/l #	71
13) Acrolein	3.993	56	70026	21.939	ug/l #	1
14) Allyl chloride	4.959	41	32773	1.189	ug/l #	1
15) Acrylonitrile	5.616	53	38836	3.845	ug/l #	40
16) Acetone	4.259	43	43043	3.609	ug/l #	53
18) Methyl Acetate	5.082	43	606850	16.856	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	149928	3.152	ug/l #	1
20) Methylene Chloride	5.077	84	7144	0.451	ug/l #	1
22) Diisopropyl ether	6.498	45	177495	3.294	ug/l #	90
23) Vinyl Acetate	6.482	43	191017	4.358	ug/l #	76
24) 1,1-Dichloroethane	6.471	63	35278	1.264	ug/l #	83
25) 2-Butanone	7.340	43	35038	2.162	ug/l #	74
26) 2,2-Dichloropropane	7.150	77	33072	1.524	ug/l #	52
28) Bromochloromethane	7.847	49	16508	1.137	ug/l #	9
29) Tetrahydrofuran	7.689	42	5312	0.540	ug/l #	49
30) Chloroform	8.096	83	51253	1.818	ug/l	88
31) Cyclohexane	8.096	56	1307675	47.390	ug/l	90
36) 1,1-Dichloropropene	8.086	75	111174	5.037	ug/l #	49
37) Ethyl Acetate	7.340	43	35038	1.066	ug/l #	68
38) Carbon Tetrachloride	8.083	117	131722	6.085	ug/l #	16
39) Methylcyclohexane	9.459	83	773409	29.457	ug/l #	87
40) Benzene	8.461	78	12535758	185.797	ug/l	98
41) Methacrylonitrile	7.678	41	38204	2.477	ug/l #	35
42) 1,2-Dichloroethane	8.459	62	125678	4.614	ug/l	77
43) Isopropyl Acetate	8.560	43	40080	0.824	ug/l #	55
47) Bromodichloromethane	9.743	83	12215	0.543	ug/l #	25
48) Methyl methacrylate	9.641	41	126829	5.590	ug/l #	74
51) 4-Methyl-2-Pentanone	10.328	43	9198	0.292	ug/l #	85
52) Toluene	10.505	92	513326	12.462	ug/l	97
53) t-1,3-Dichloropropene	10.727	75	267	2.803	ug/l #	1
54) cis-1,3-Dichloropropene	10.137	75	82	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	62116	3.737	ug/l #	20
56) Ethyl methacrylate	10.781	69	10477	2.598	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.027	63	10310	19.517	ug/l #	45
59) 2-Hexanone	11.130	43	134895	5.654	ug/l	74
67) Ethyl Benzene	11.843	91	763387	7.887	ug/l	96

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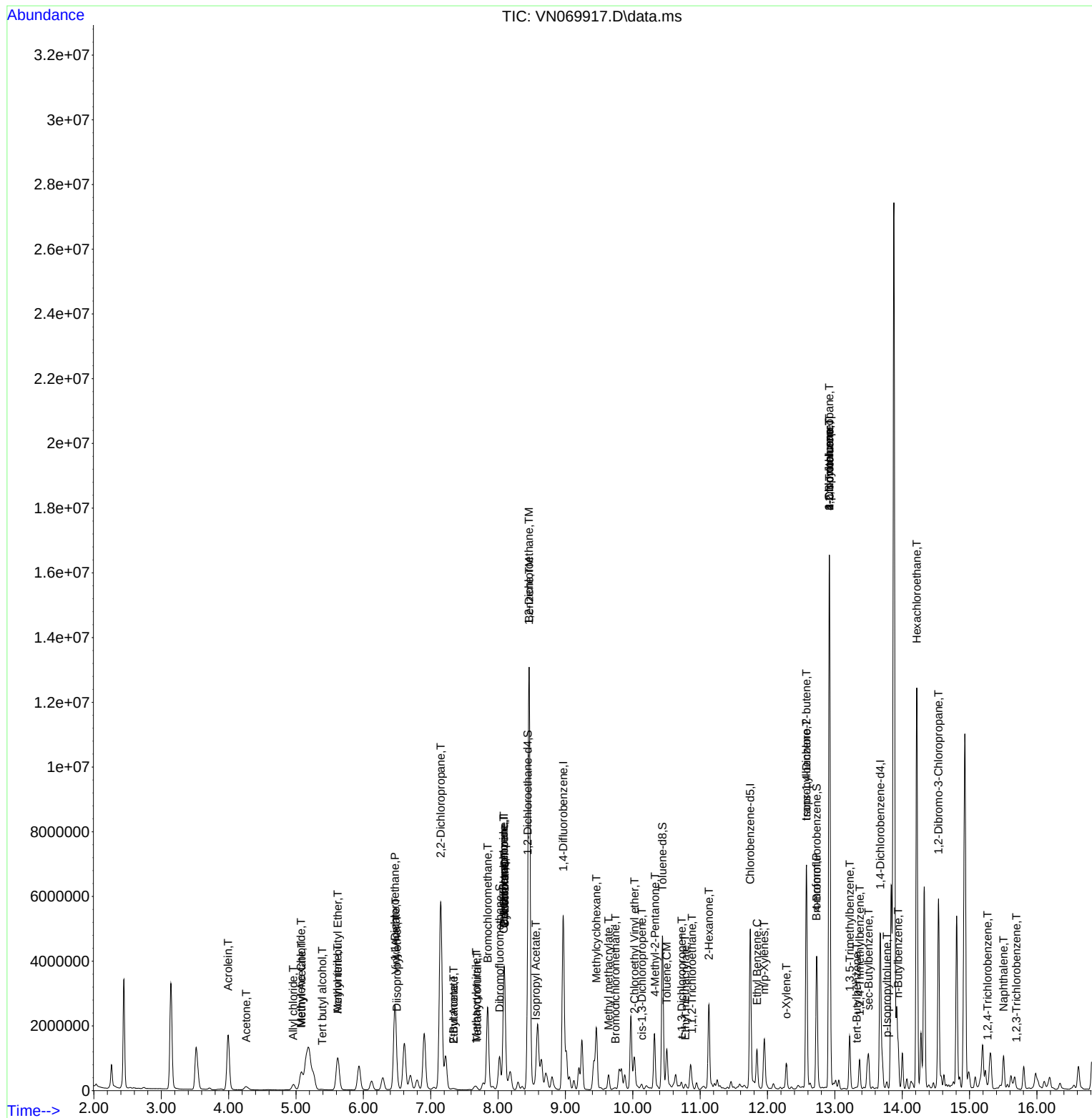
68) m/p-Xylenes	11.953	106	484891	13.759	ug/l	91
69) o-Xylene	12.280	106	213363	6.011	ug/l	95
71) Bromoform	12.726	173	3557	2.941	ug/l #	1
73) Isopropylbenzene	12.578	105	4518474	40.814	ug/l	99
76) 1,2,3-Trichloropropane	12.919	75	92696	2.598	ug/l #	1
78) n-propylbenzene	12.919	91	13069879	106.092	ug/l	97
79) 2-Chlorotoluene	12.919	91	13069879	167.902	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.219	105	1020620	11.454	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.578	75	59505	9.075	ug/l #	71
82) 4-Chlorotoluene	12.919	91	13069879	178.537	ug/l #	38
83) tert-Butylbenzene	13.324	119	20877	0.265	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.369	105	481185	5.670	ug/l	98
85) sec-Butylbenzene	13.501	105	641122	5.991	ug/l #	72
86) p-Isopropyltoluene	13.772	119	111821	1.337	ug/l #	76
89) n-Butylbenzene	13.940	91	862330	12.707	ug/l #	73
90) Hexachloroethane	14.217	117	647485	44.085	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26418	3.819	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	1367	2.941	ug/l #	87
95) Naphthalene	15.504	128	918506	17.886	ug/l	98
96) 1,2,3-Trichlorobenzene	15.694	180	1502	2.507	ug/l #	24

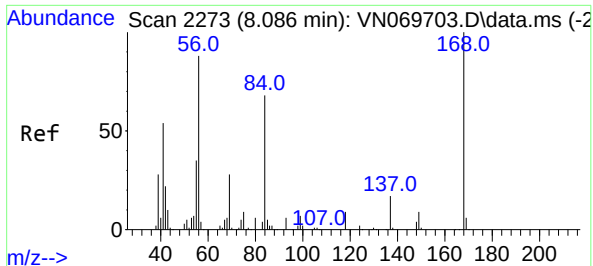
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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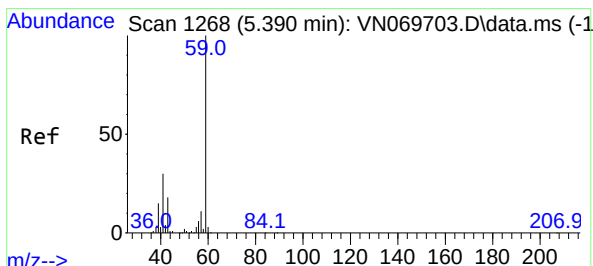
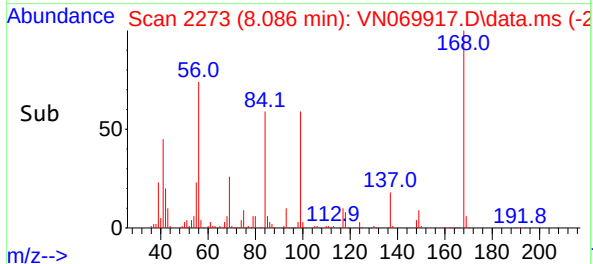
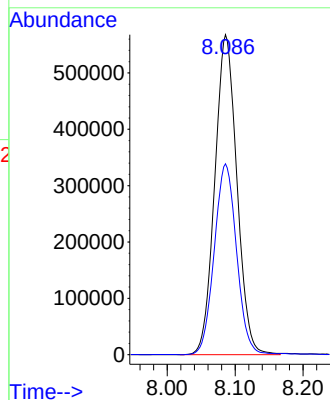
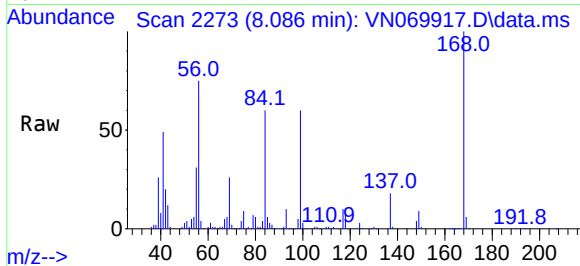




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

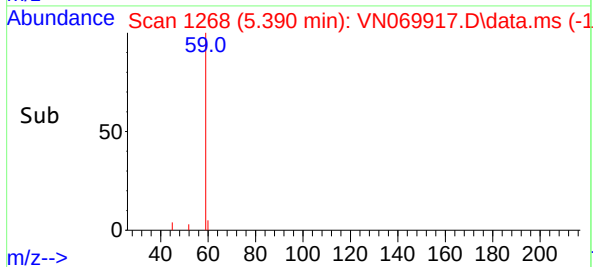
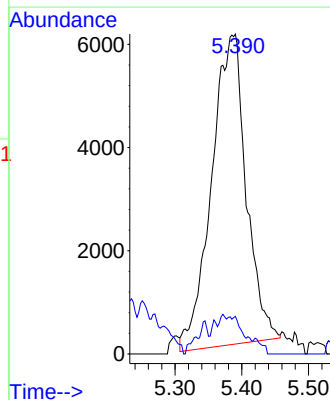
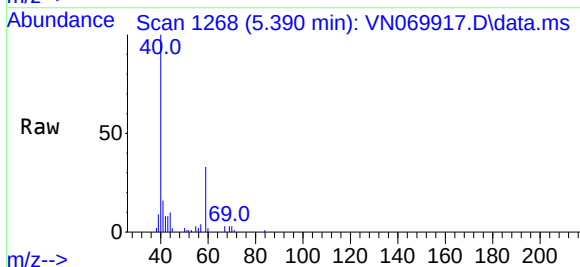
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

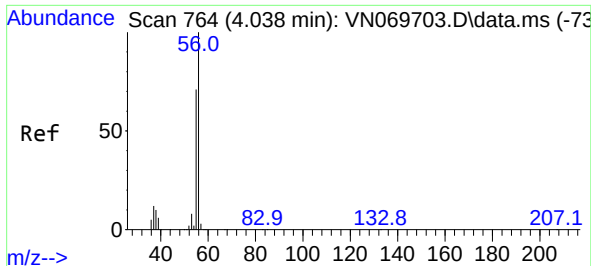
Tgt Ion:168 Resp: 1284217
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 5.784 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 59 Resp: 21679
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

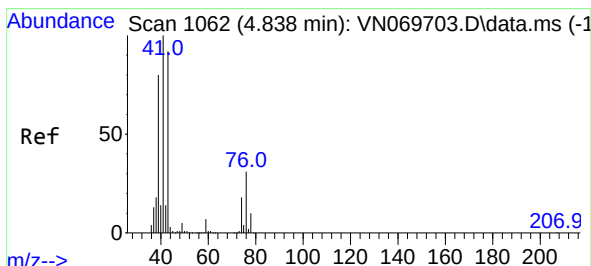
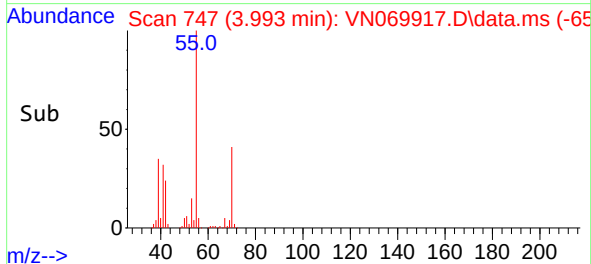
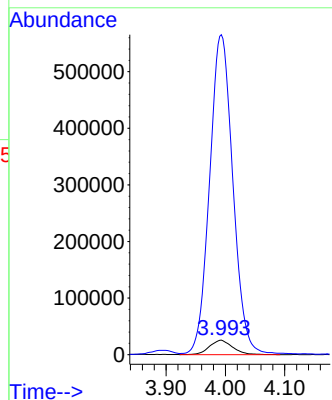
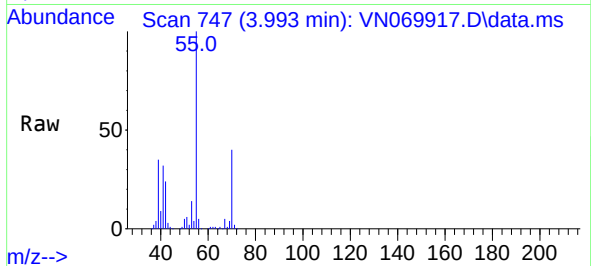




#13
Acrolein
Concen: 21.939 ug/l
RT: 3.993 min Scan# 74
Delta R.T. -0.045 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

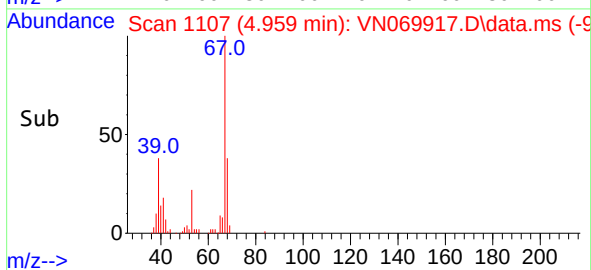
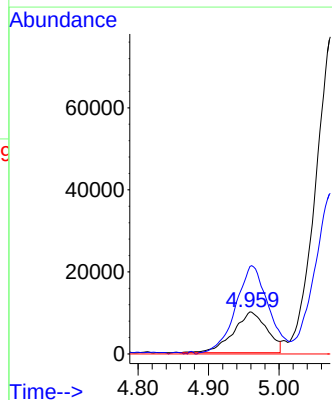
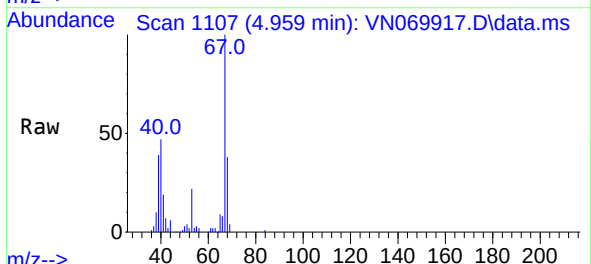
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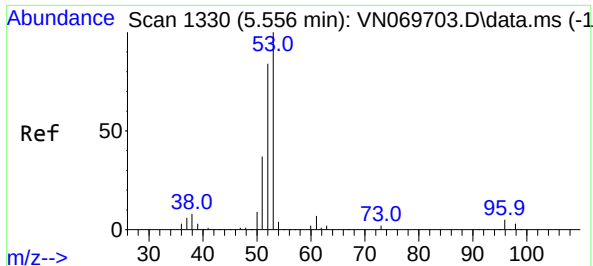
Tgt Ion: 56 Resp: 70026
Ion Ratio Lower Upper
56 100
55 2183.1 56.6 85.0#



#14
Allyl chloride
Concen: 1.189 ug/l
RT: 4.959 min Scan# 1107
Delta R.T. 0.121 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 41 Resp: 32773
Ion Ratio Lower Upper
41 100
39 215.1 61.2 91.8#
76 0.0 26.0 39.0#

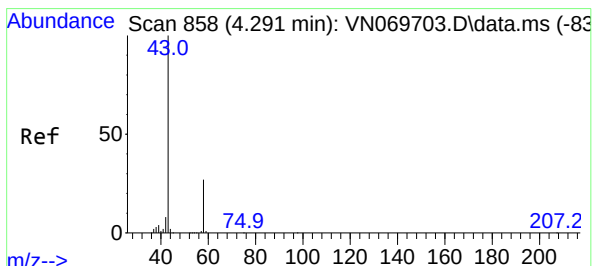
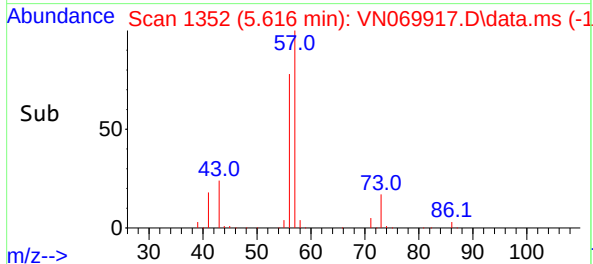
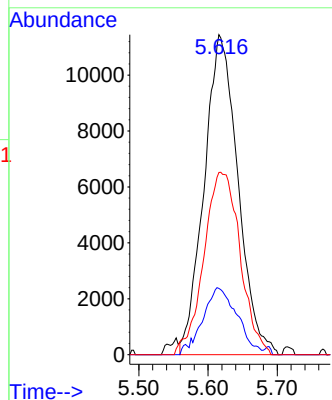
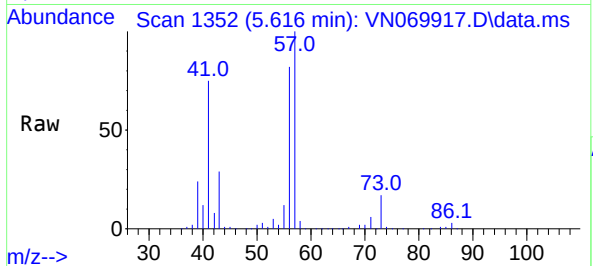




#15
Acrylonitrile
Concen: 3.845 ug/l
RT: 5.616 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

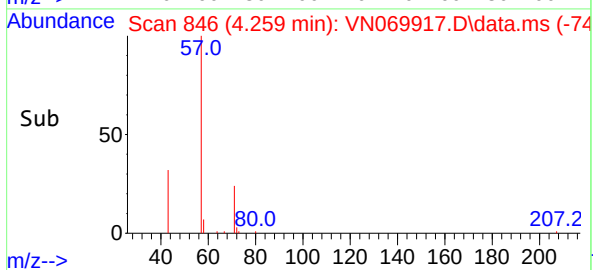
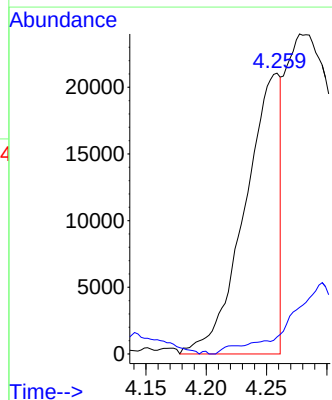
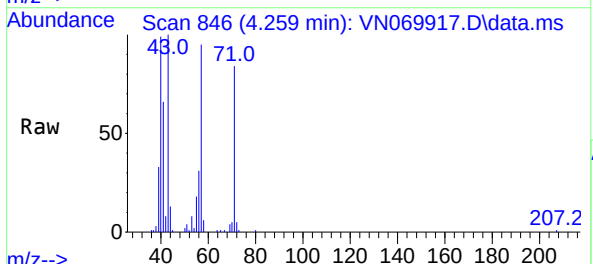
Instrument :
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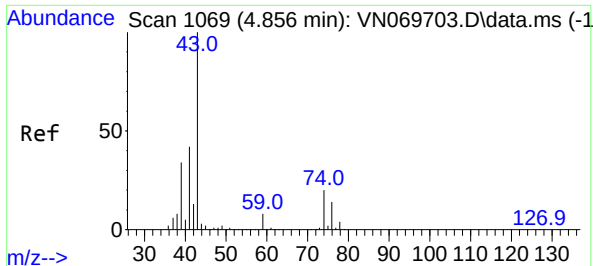
Tgt Ion: 53 Resp: 38836
Ion Ratio Lower Upper
53 100
52 21.3 66.2 99.2#
51 61.1 29.6 44.4#



#16
Acetone
Concen: 3.609 ug/l
RT: 4.259 min Scan# 846
Delta R.T. -0.032 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 43 Resp: 43043
Ion Ratio Lower Upper
43 100
58 3.8 23.1 34.7#

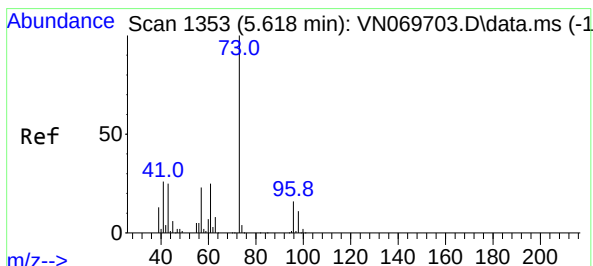
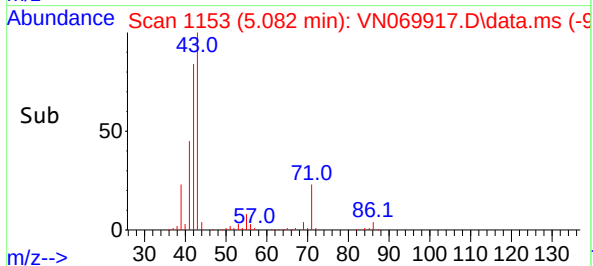
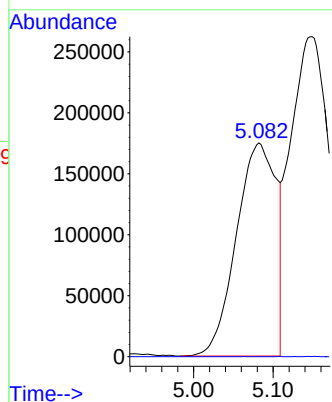
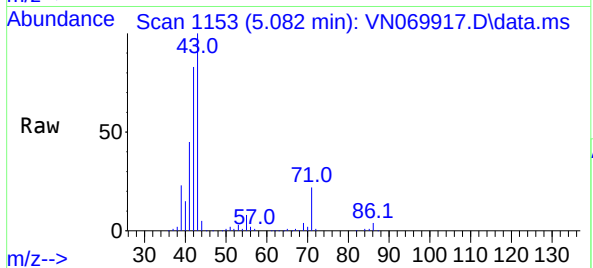




#18
Methyl Acetate
Concen: 16.856 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. 0.226 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

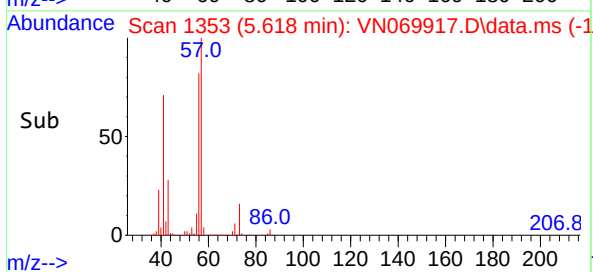
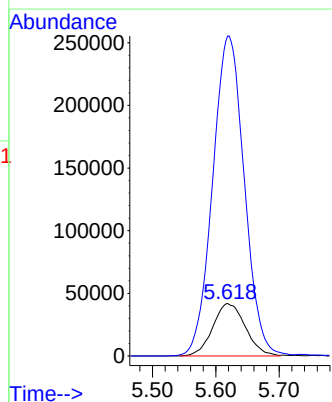
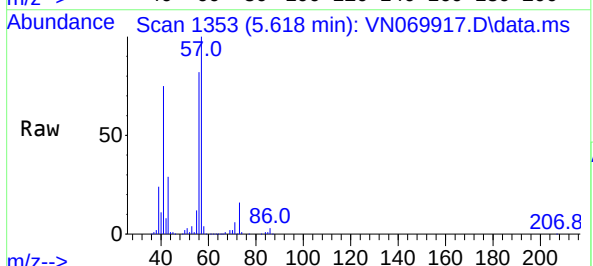
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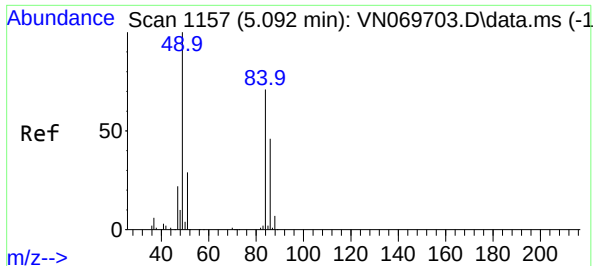
Tgt Ion: 43 Resp: 606850
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 3.152 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

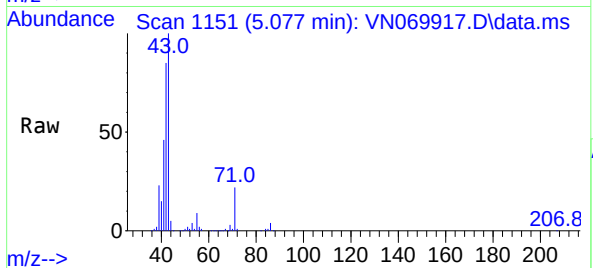
Tgt Ion: 73 Resp: 149928
Ion Ratio Lower Upper
73 100
57 607.7 16.8 25.2#





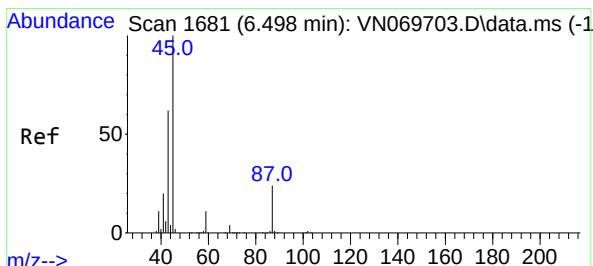
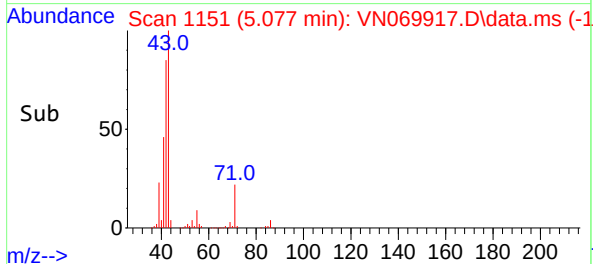
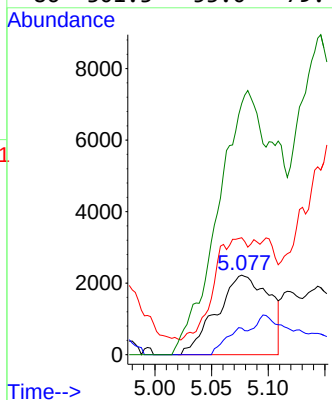
#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 5.077 min Scan# 1151
Delta R.T. -0.016 min
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Acq: 9 Dec 2021 17:37

Instrument :
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Tgt Ion: 84 Resp: 7144

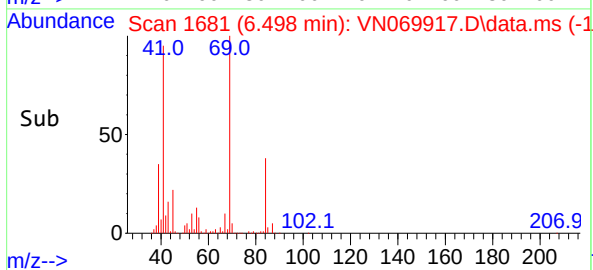
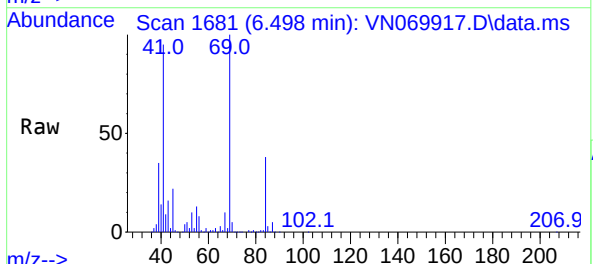
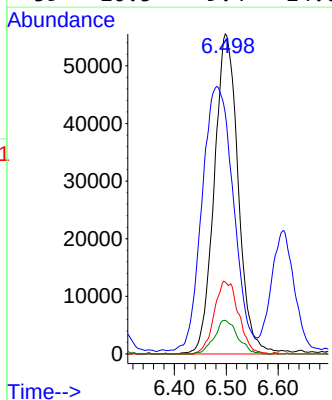
Ion	Ratio	Lower	Upper
84	100		
49	33.5	93.5	140.3#
51	127.5	29.4	44.2#
86	301.3	53.0	79.4#

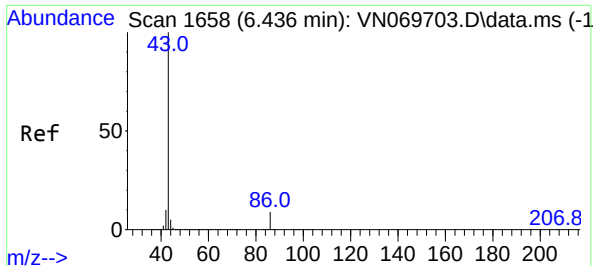


#22
Diisopropyl ether
Concen: 3.294 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 45 Resp: 177495

Ion	Ratio	Lower	Upper
45	100		
43	73.2	51.7	77.5
87	22.5	23.2	34.8#
59	10.5	9.4	14.0





#23

Vinyl Acetate

Concen: 4.358 ug/l

RT: 6.482 min Scan# 1

Delta R.T. 0.046 min

Lab File: VN069917.D

Acq: 9 Dec 2021 17:37

Instrument :

MSVOA_N

ClientSampleId :

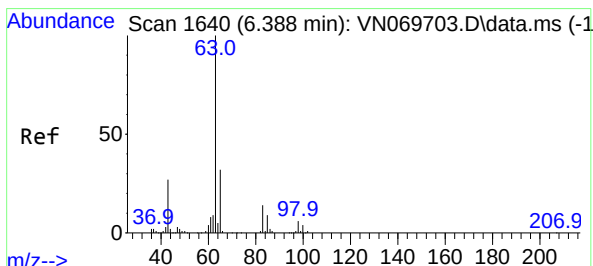
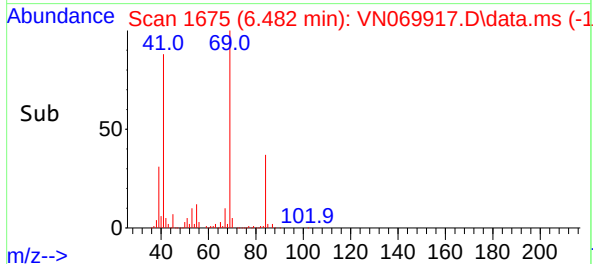
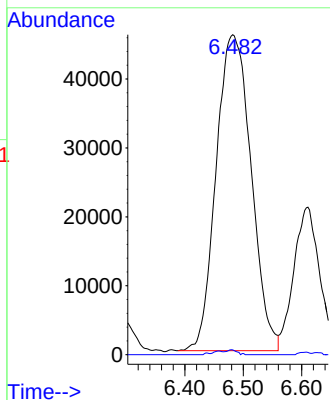
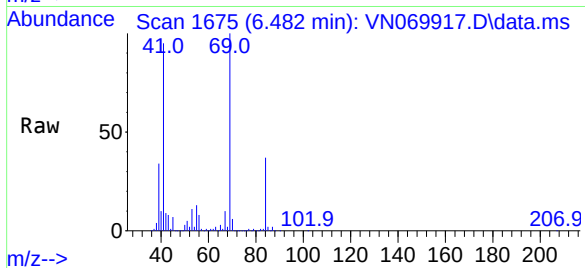
MW-4A

Tgt Ion: 43 Resp: 191017

Ion Ratio Lower Upper

43 100

86 1.5 8.5 12.7#



#24

1,1-Dichloroethane

Concen: 1.264 ug/l

RT: 6.471 min Scan# 1671

Delta R.T. 0.083 min

Lab File: VN069917.D

Acq: 9 Dec 2021 17:37

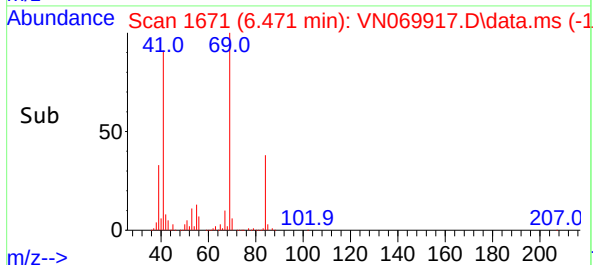
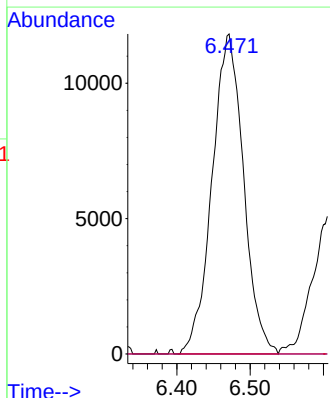
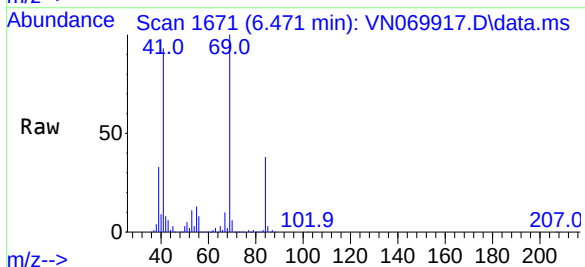
Tgt Ion: 63 Resp: 35278

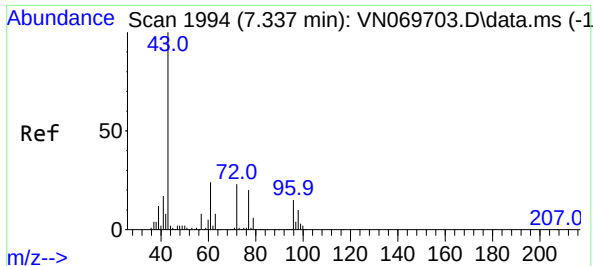
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.5#

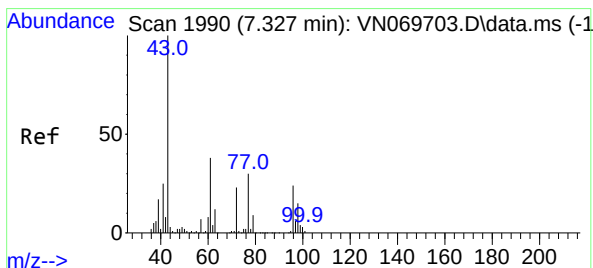
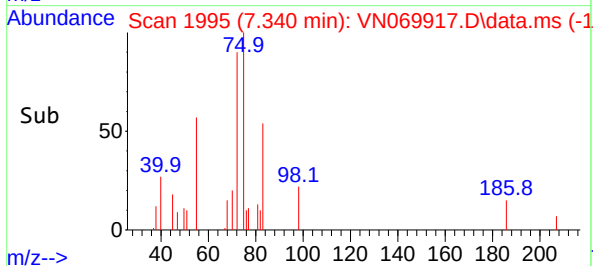
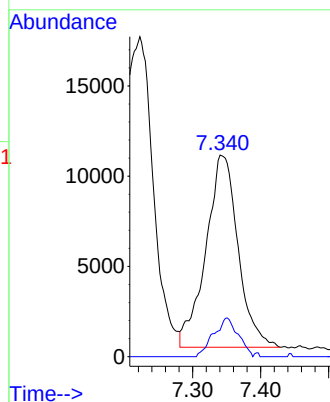
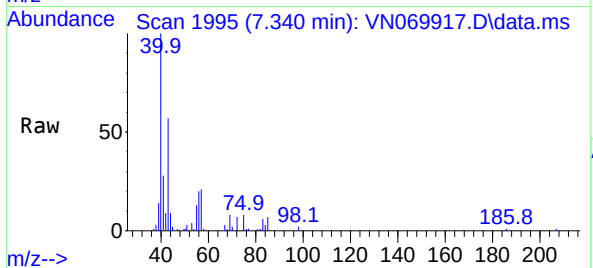




#25
2-Butanone
Concen: 2.162 ug/l
RT: 7.340 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

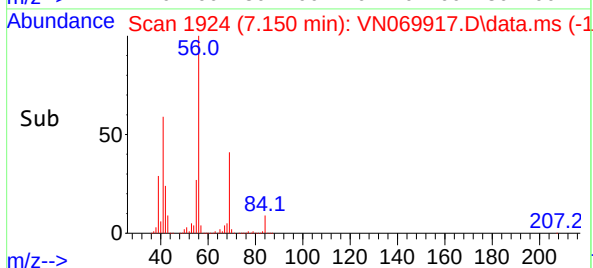
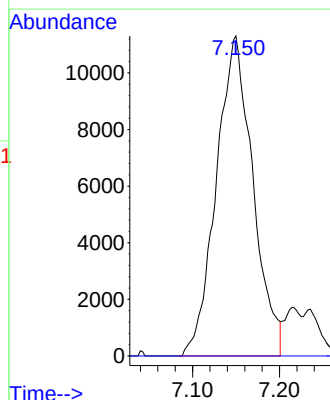
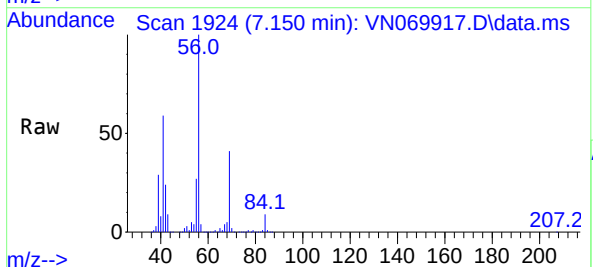
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

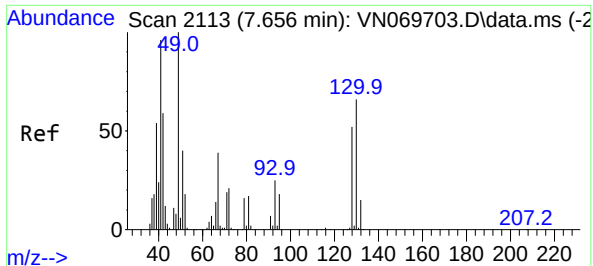
Tgt Ion: 43 Resp: 35038
Ion Ratio Lower Upper
43 100
72 13.7 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 1.524 ug/l
RT: 7.150 min Scan# 1924
Delta R.T. -0.177 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 77 Resp: 33072
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

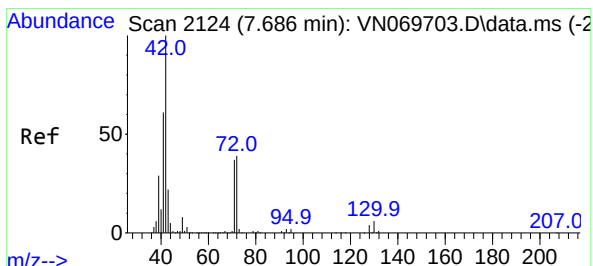
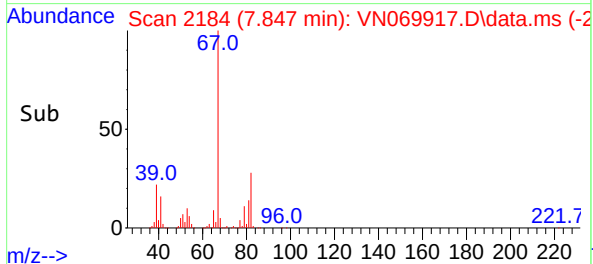
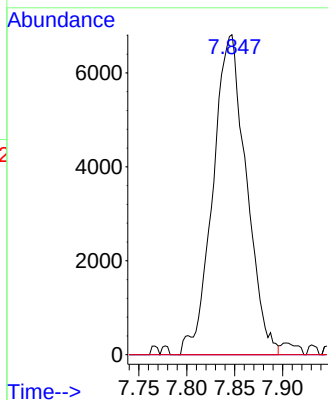
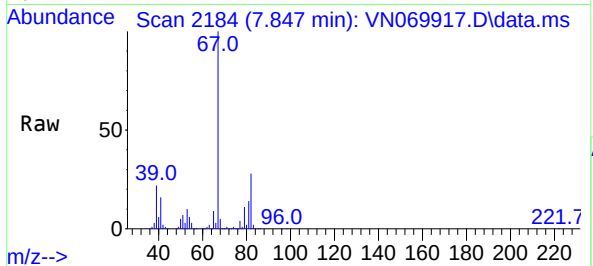




#28
Bromochloromethane
Concen: 1.137 ug/l
RT: 7.847 min Scan# 2113
Delta R.T. 0.191 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

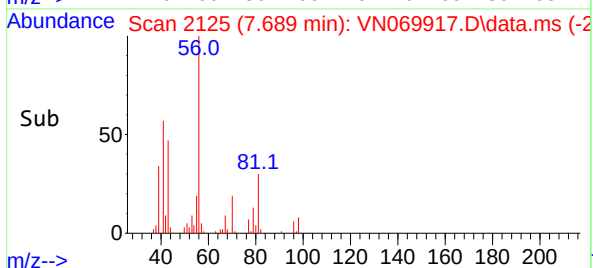
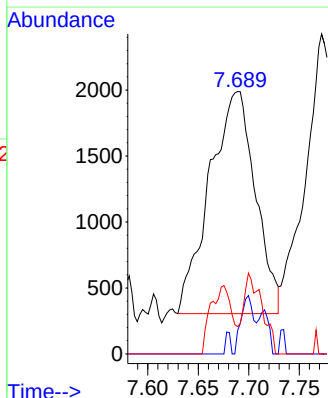
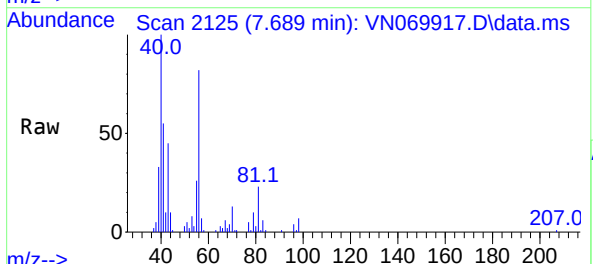
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

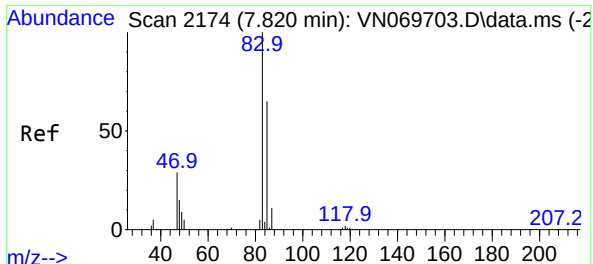
Tgt Ion: 49 Resp: 16508
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.540 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.003 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 42 Resp: 5312
Ion Ratio Lower Upper
42 100
72 7.4 36.3 54.5#
71 14.8 34.7 52.1#





#30

Chloroform

Concen: 1.818 ug/l

RT: 8.096 min Scan# 2174

Delta R.T. 0.276 min

Lab File: VN069917.D

Acq: 9 Dec 2021 17:37

Instrument :

MSVOA_N

ClientSampleId :

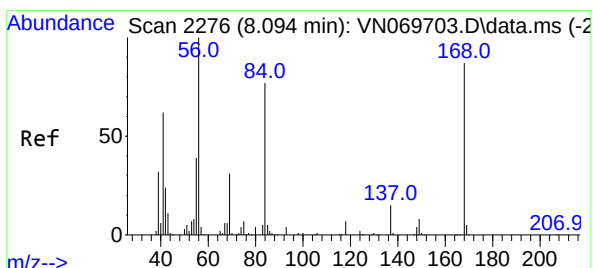
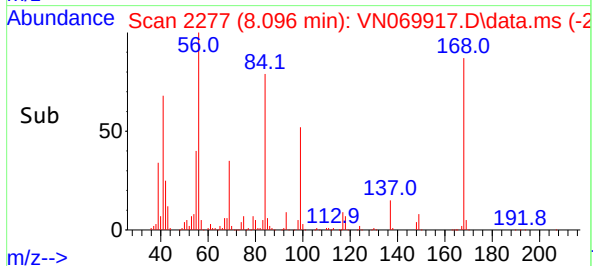
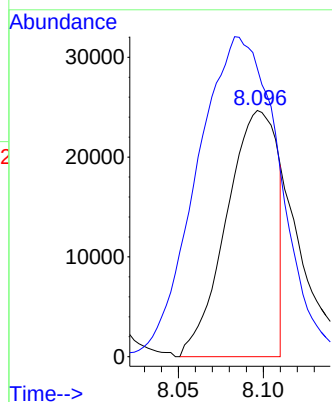
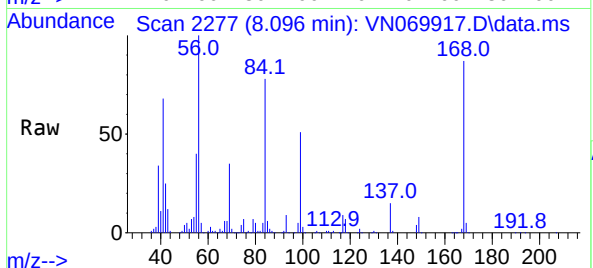
MW-4A

Tgt Ion: 83 Resp: 51253

Ion Ratio Lower Upper

83 100

85 74.4 51.9 77.9



#31

Cyclohexane

Concen: 47.390 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.003 min

Lab File: VN069917.D

Acq: 9 Dec 2021 17:37

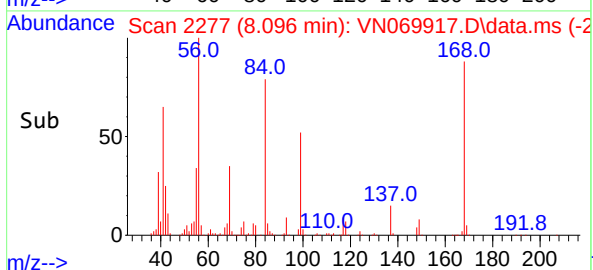
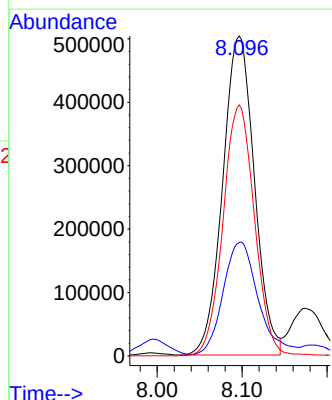
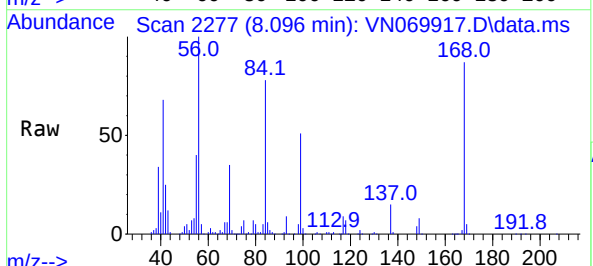
Tgt Ion: 56 Resp: 1307675

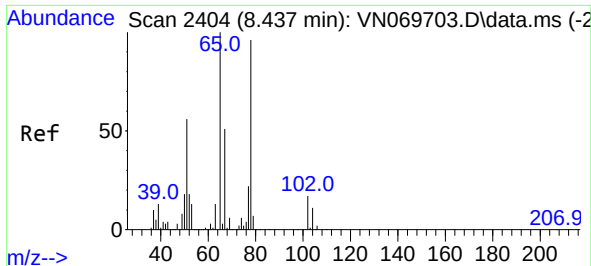
Ion Ratio Lower Upper

56 100

69 34.4 27.1 40.7

84 78.6 73.4 110.0

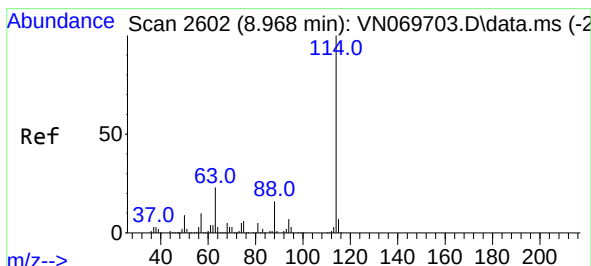
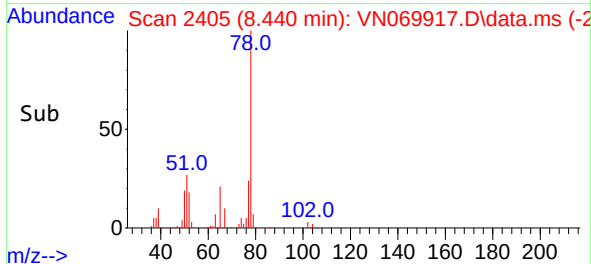
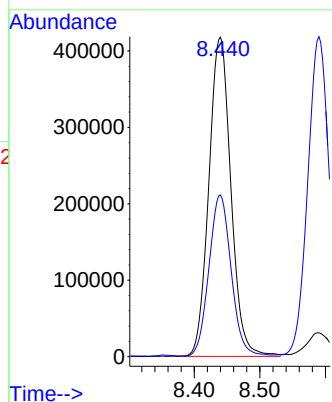
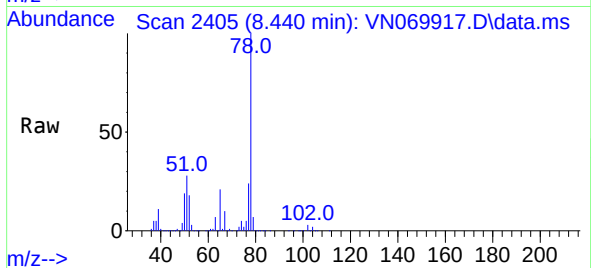




#33
1,2-Dichloroethane-d4
Concen: 49.260 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

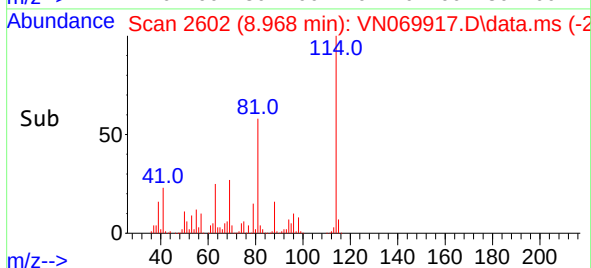
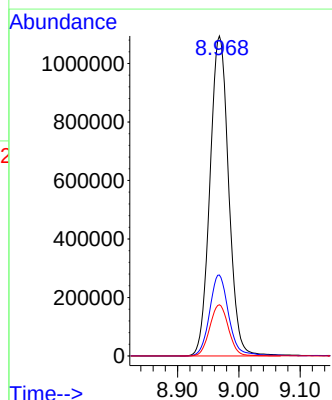
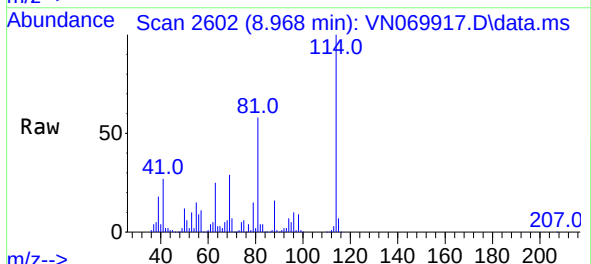
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

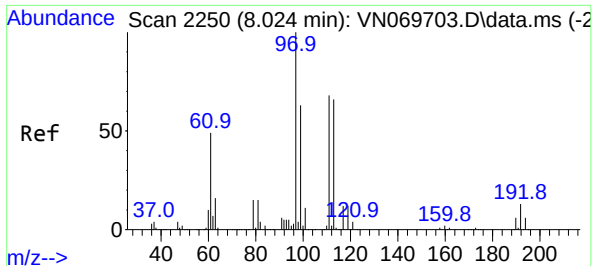
Tgt Ion: 65 Resp: 976734
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:114 Resp: 2318722
Ion Ratio Lower Upper
114 100
63 25.3 0.0 37.8
88 16.0 0.0 27.4

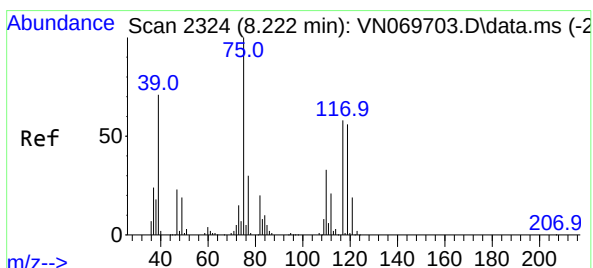
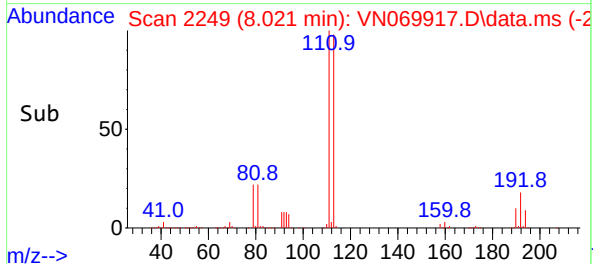
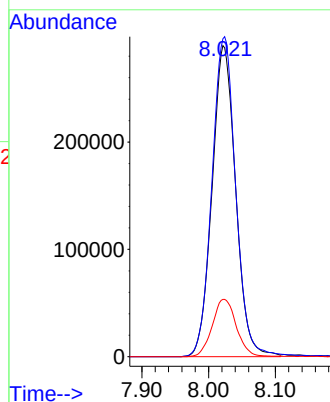
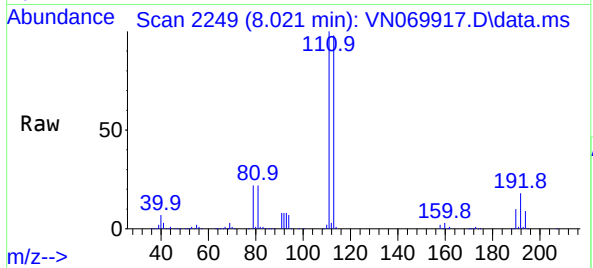




#35
Dibromofluoromethane
Concen: 49.028 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

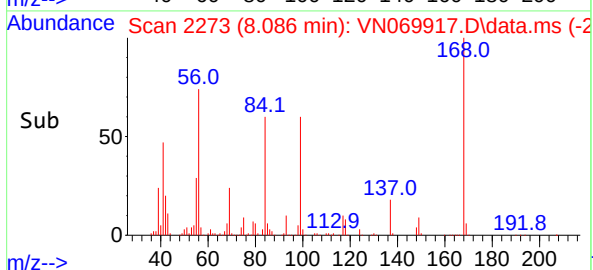
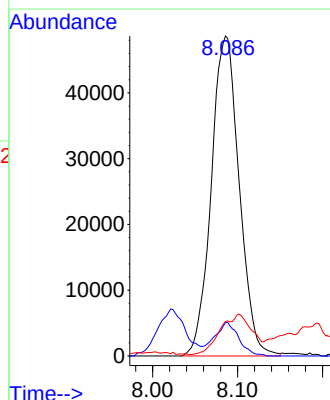
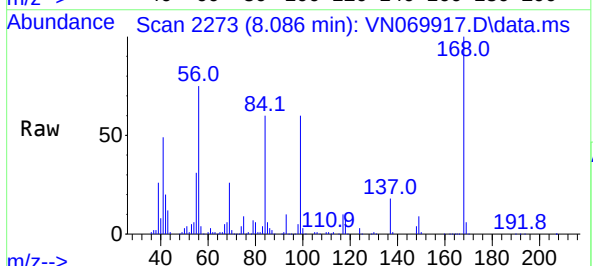
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

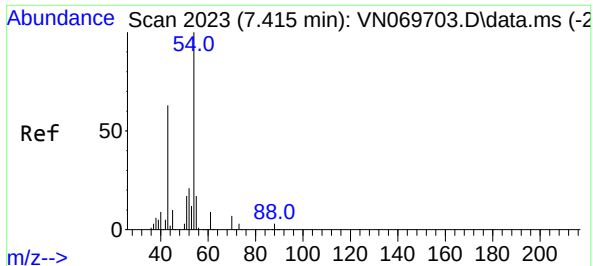
Tgt Ion:113 Resp: 712078
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 75 Resp: 111174
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#

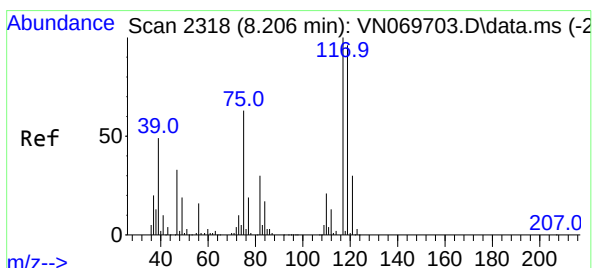
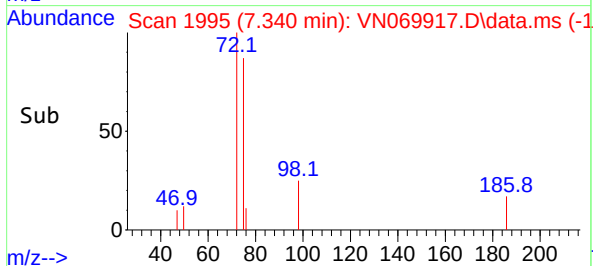
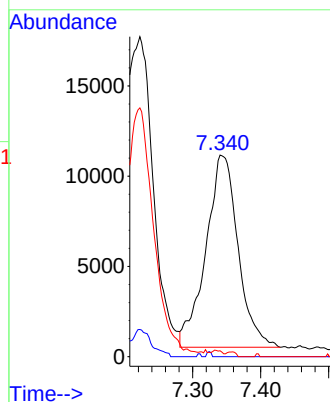
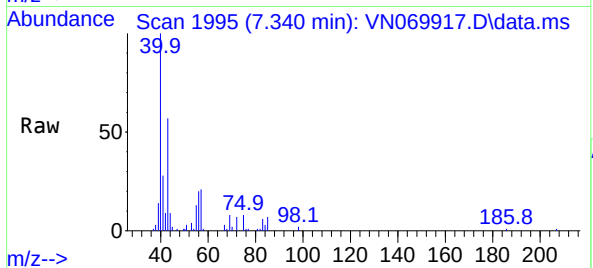




#37
Ethyl Acetate
Concen: 1.066 ug/l
RT: 7.340 min Scan# 11
Delta R.T. -0.075 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

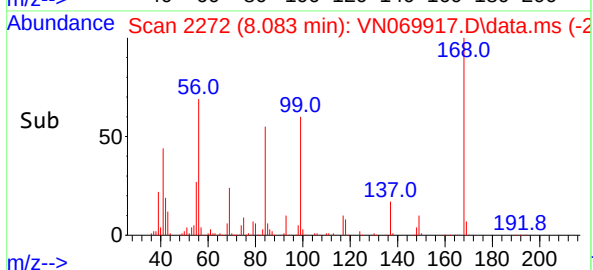
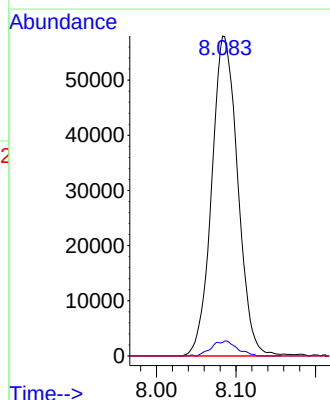
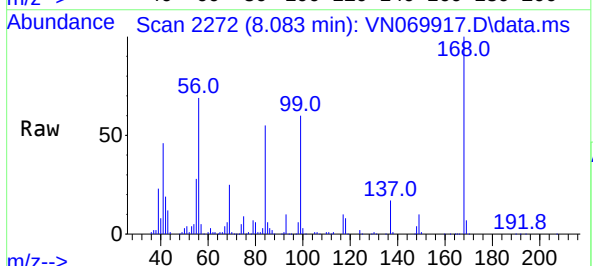
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

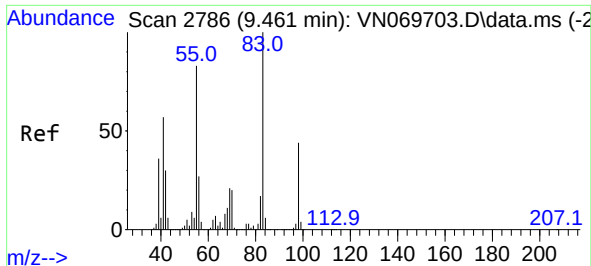
Tgt Ion: 43 Resp: 35038
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 117 Resp: 131722
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 29.457 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069917.D

Acq: 9 Dec 2021 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-4A

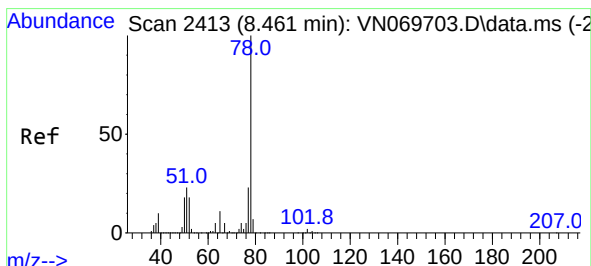
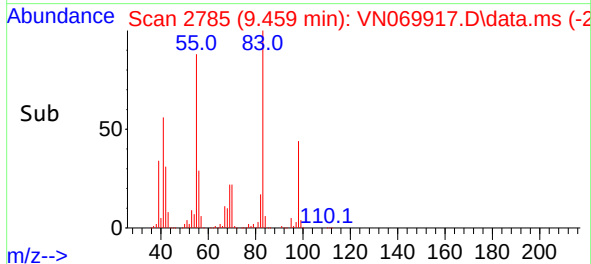
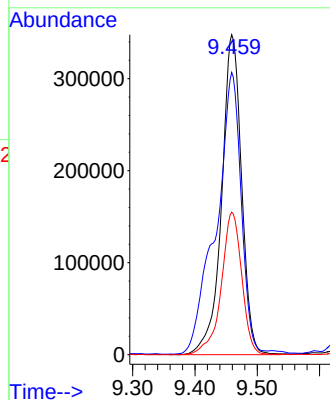
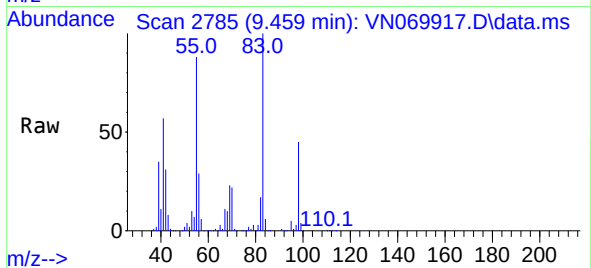
Tgt Ion: 83 Resp: 773409

Ion Ratio Lower Upper

83 100

55 87.9 58.1 87.1#

98 44.6 38.4 57.6



#40

Benzene

Concen: 185.797 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069917.D

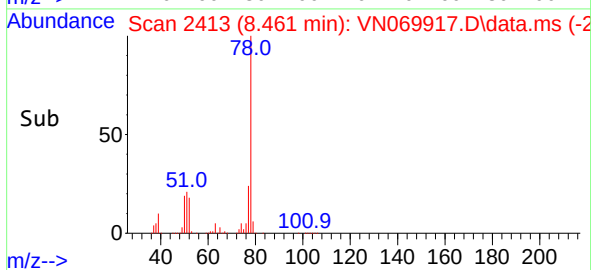
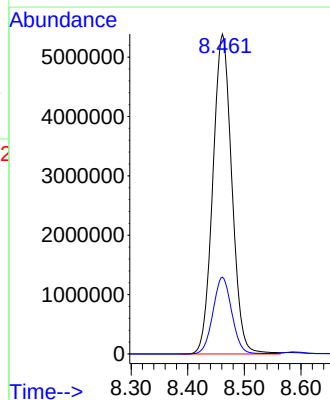
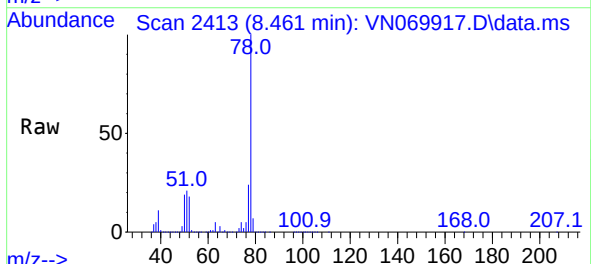
Acq: 9 Dec 2021 17:37

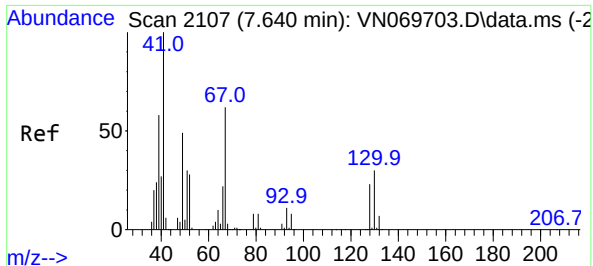
Tgt Ion: 78 Resp:12535758

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

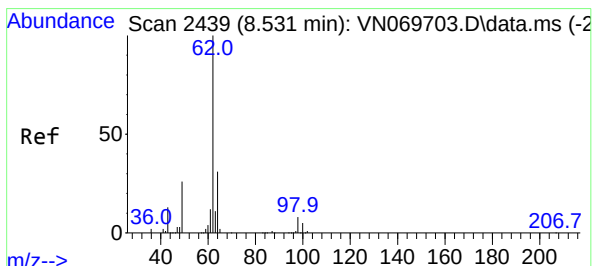
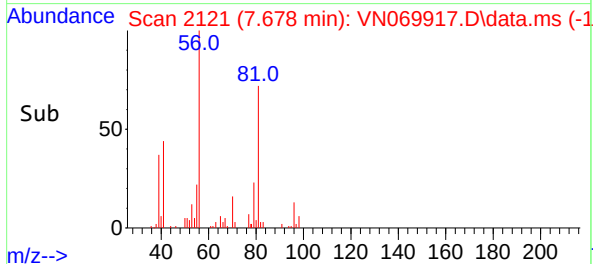
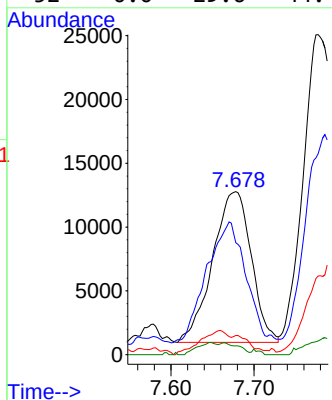
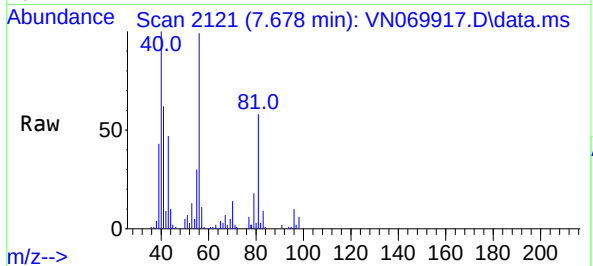




#41
Methacrylonitrile
Concen: 2.477 ug/l
RT: 7.678 min Scan# 2107
Delta R.T. 0.038 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

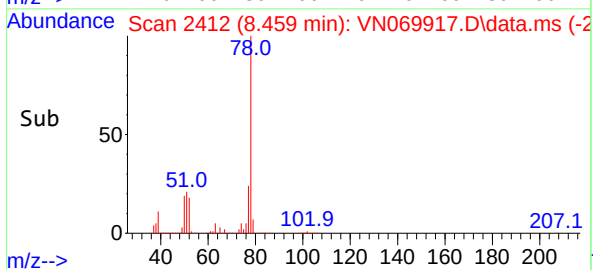
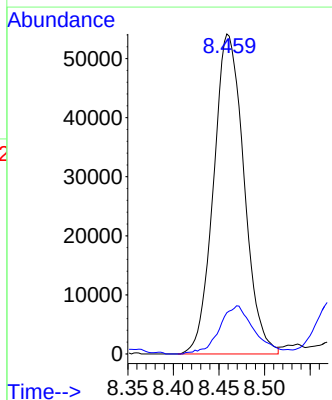
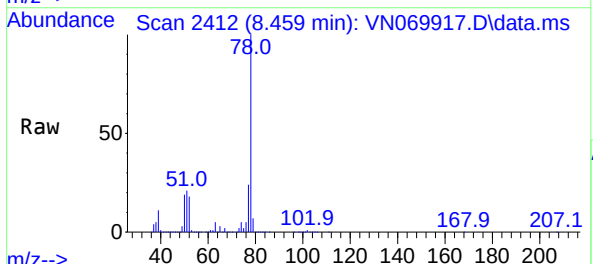
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

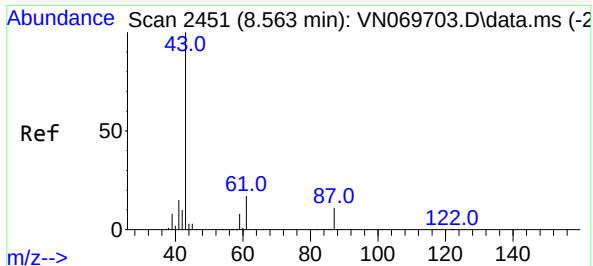
Tgt Ion: 41 Resp: 38204
Ion Ratio Lower Upper
41 100
39 80.1 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 4.614 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.072 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 62 Resp: 125678
Ion Ratio Lower Upper
62 100
98 17.2 0.0 17.6

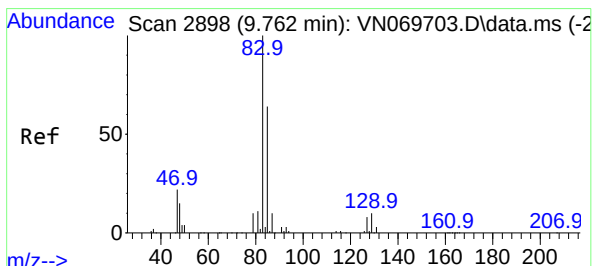
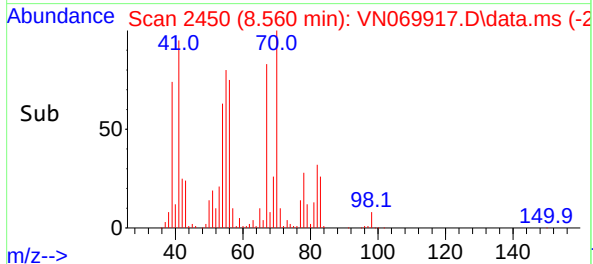
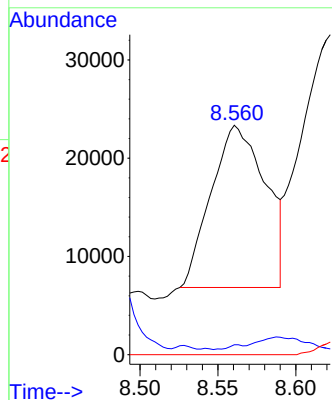
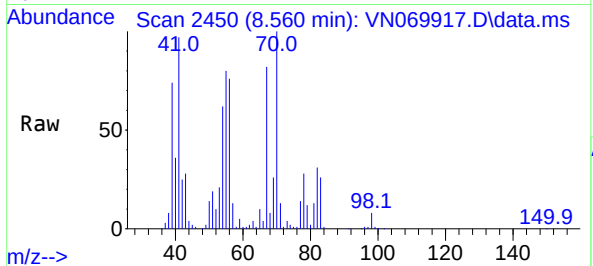




#43
Isopropyl Acetate
Concen: 0.824 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

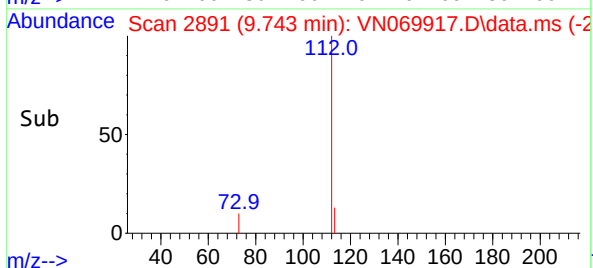
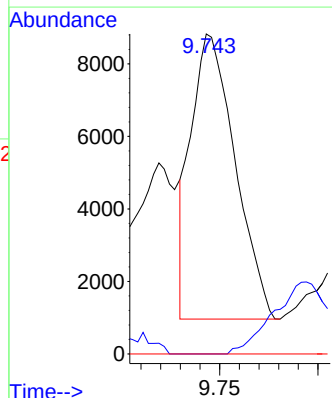
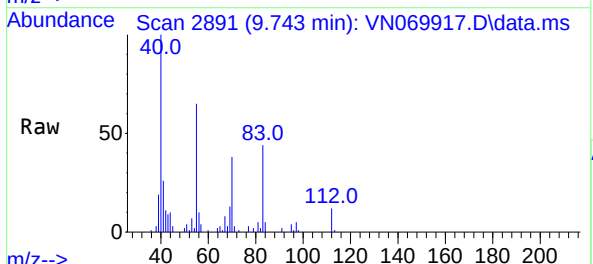
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

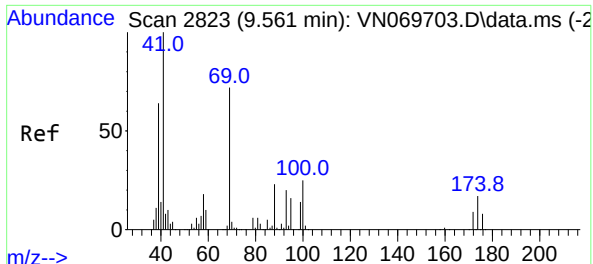
Tgt Ion: 43 Resp: 40080
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.543 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 83 Resp: 12215
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

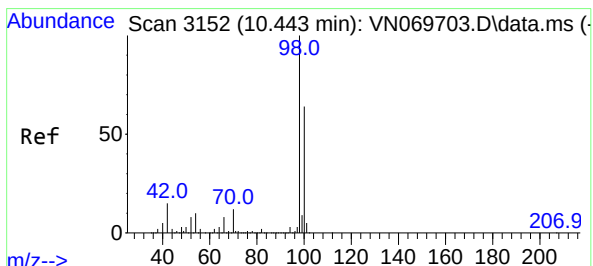
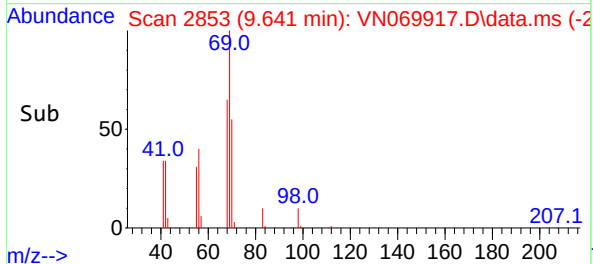
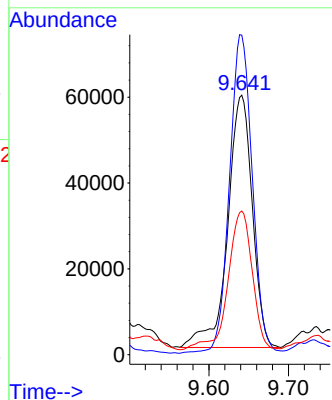
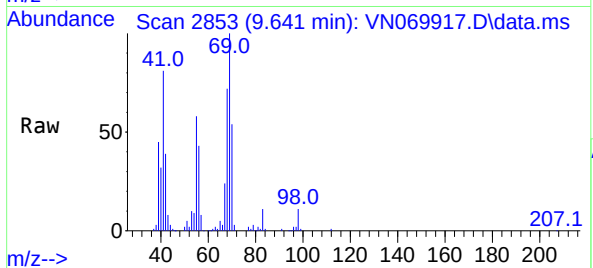




#48
Methyl methacrylate
Concen: 5.590 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

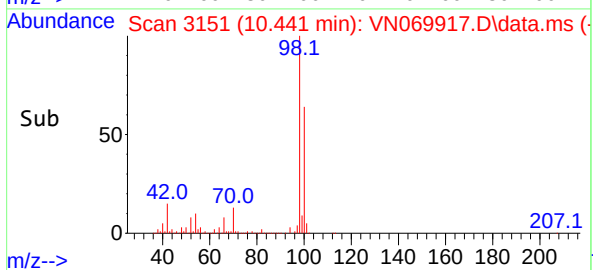
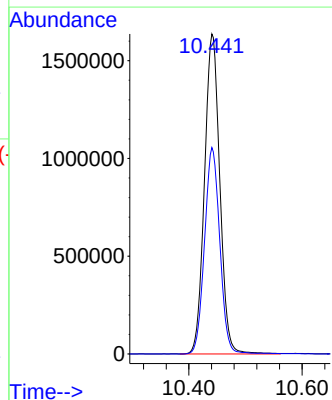
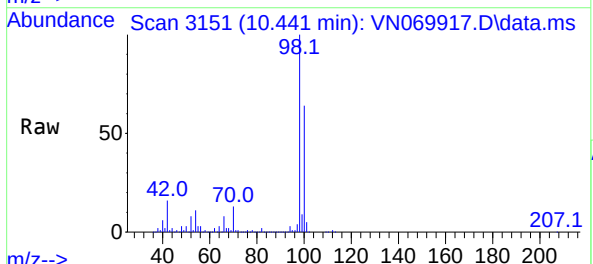
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

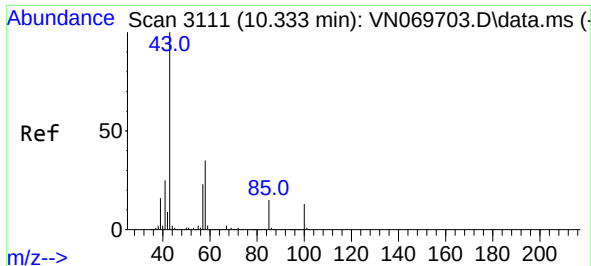
Tgt Ion: 41 Resp: 126829
Ion Ratio Lower Upper
41 100
69 116.8 72.4 108.6#
39 53.8 58.4 87.6#



#50
Toluene-d8
Concen: 52.735 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 98 Resp: 3075456
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

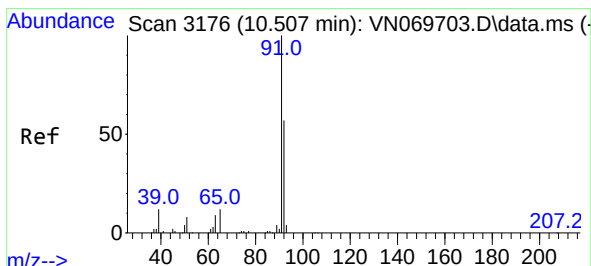
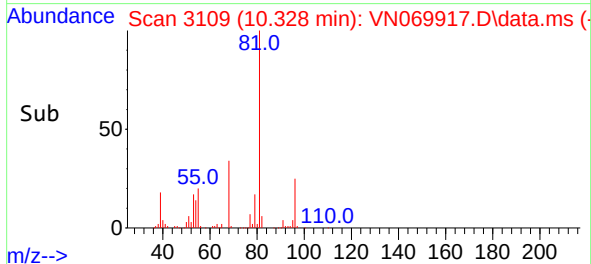
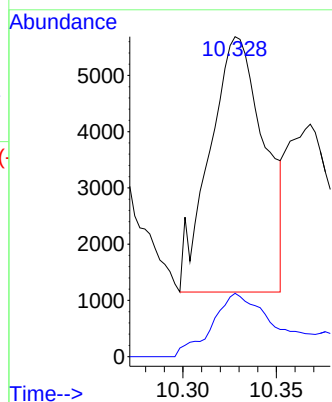
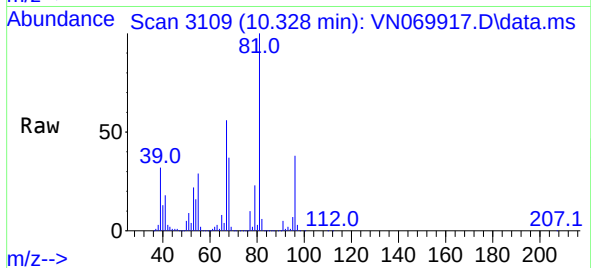




#51
4-Methyl-2-Pentanone
Concen: 0.292 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

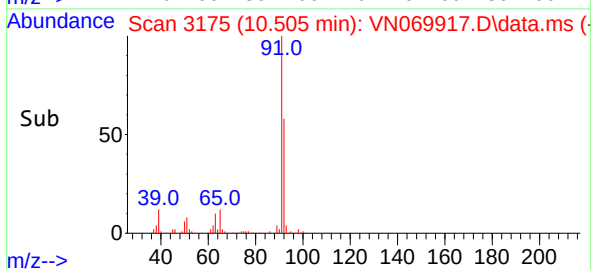
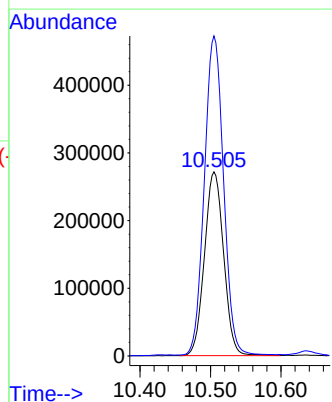
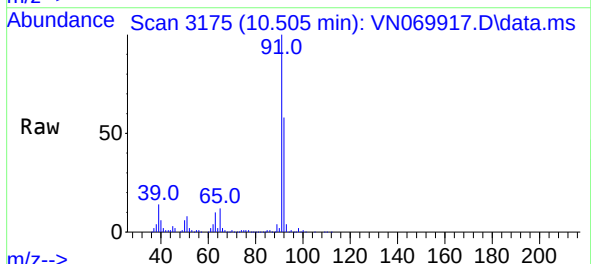
Instrument :
MSVOA_N
ClientSampleId :
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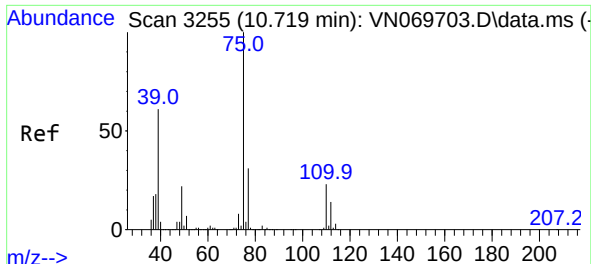
Tgt Ion: 43 Resp: 9198
Ion Ratio Lower Upper
43 100
58 29.2 30.4 45.6#



#52
Toluene
Concen: 12.462 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 92 Resp: 513326
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0

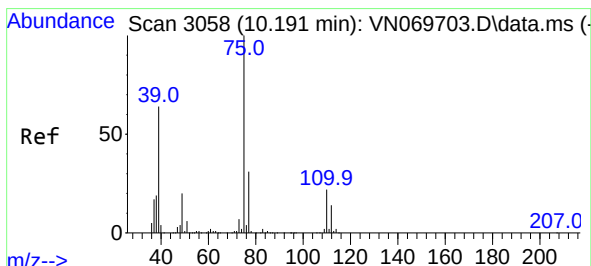
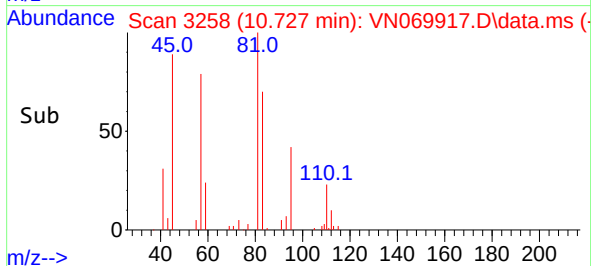
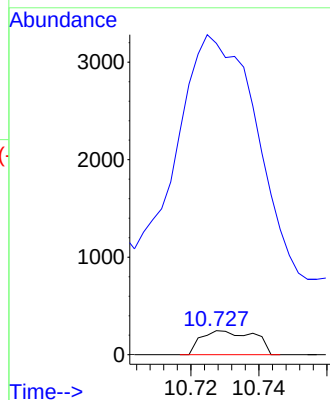
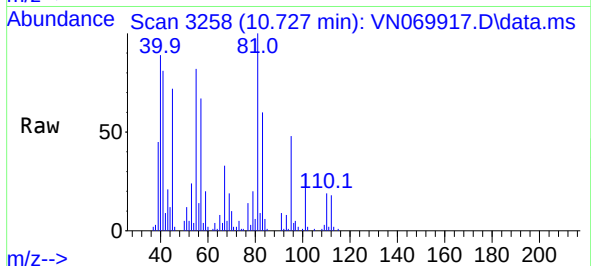




#53
t-1,3-Dichloropropene
Concen: 2.803 ug/l
RT: 10.727 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

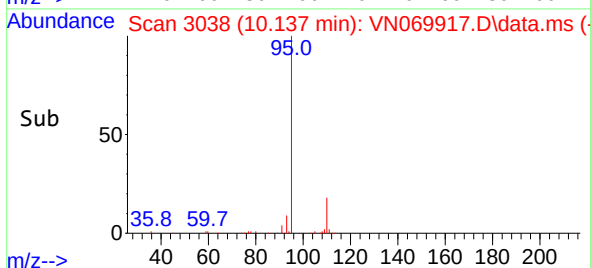
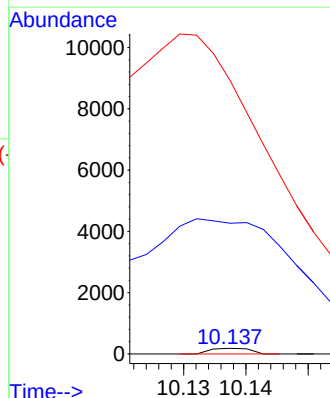
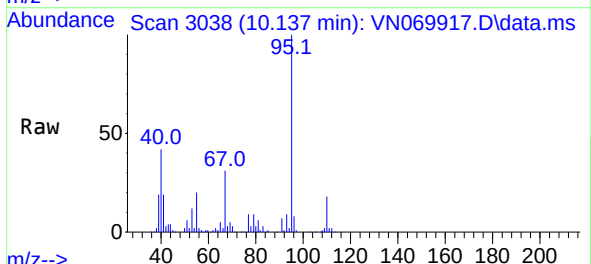
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

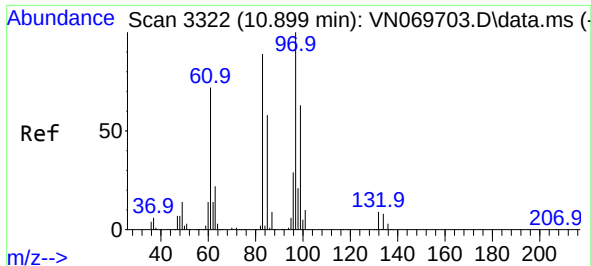
Tgt Ion: 75 Resp: 267
Ion Ratio Lower Upper
75 100
77 775.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.137 min Scan# 3038
Delta R.T. -0.054 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
77 422.7 26.4 39.6#
39 1717.1 42.5 63.7#

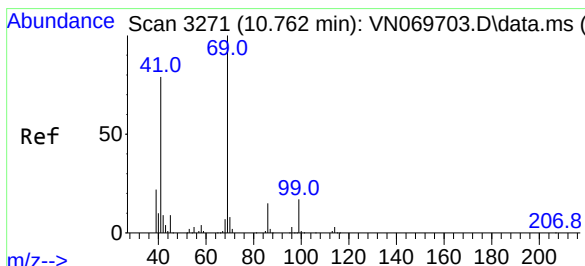
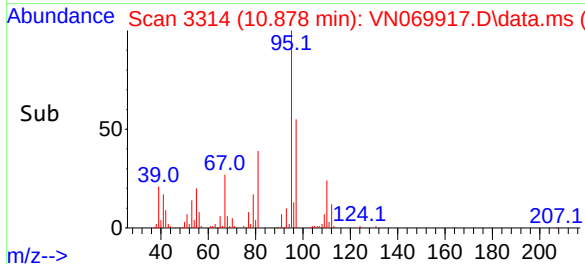
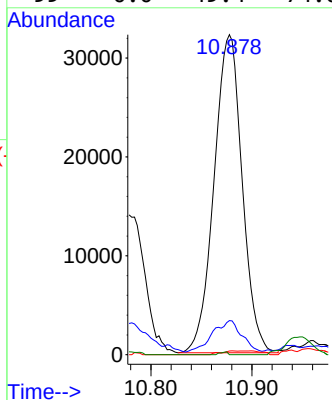
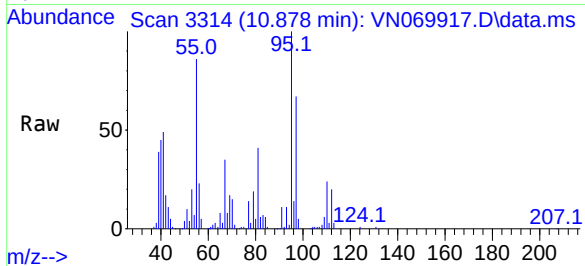




#55
1,1,2-Trichloroethane
Concen: 3.737 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

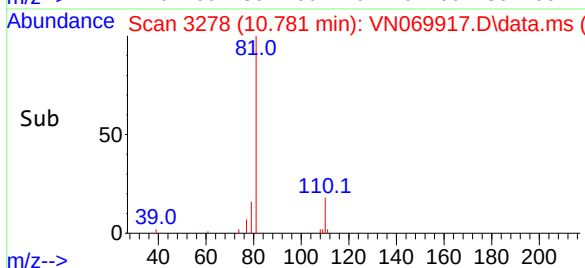
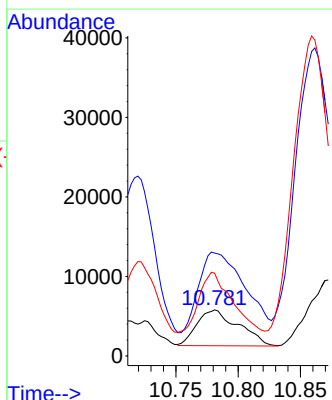
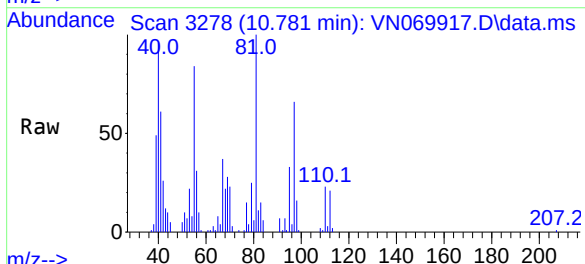
Instrument :
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ClientSampleId :
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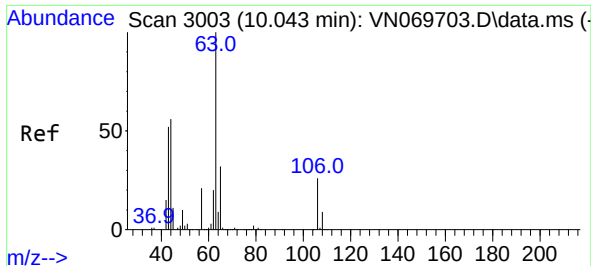
Tgt Ion: 97 Resp: 62116
Ion Ratio Lower Upper
97 100
83 9.2 67.8 101.6#
85 1.2 45.4 68.2#
99 0.0 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.598 ug/l
RT: 10.781 min Scan# 3278
Delta R.T. 0.019 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 69 Resp: 10477
Ion Ratio Lower Upper
69 100
41 254.8 51.4 77.0#
39 161.8 34.6 52.0#

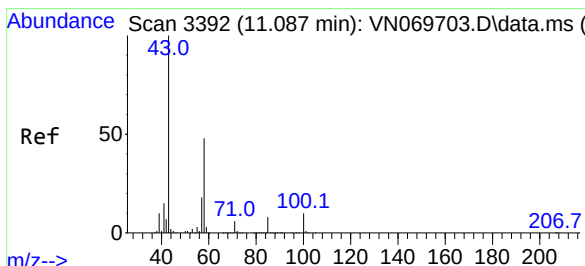
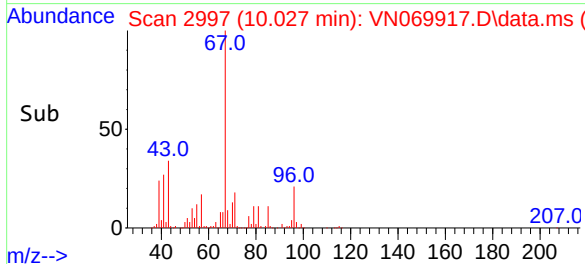
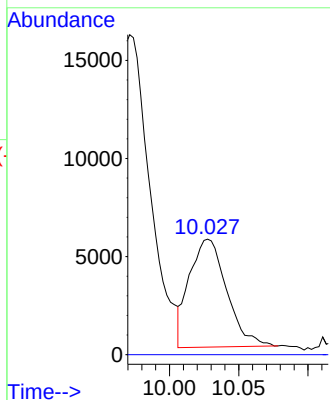
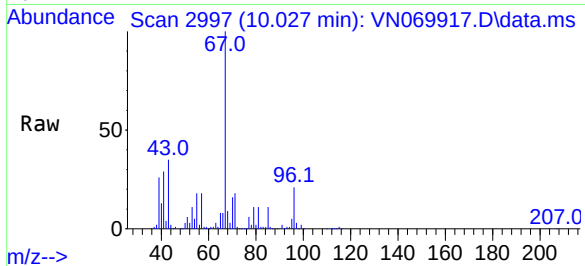




#58
2-Chloroethyl Vinyl ether
Concen: 19.517 ug/l
RT: 10.027 min Scan# 2997
Delta R.T. -0.016 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

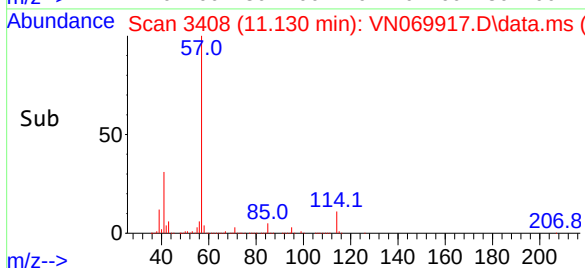
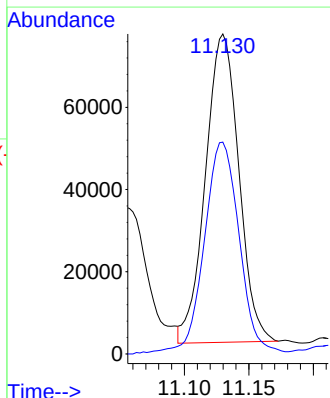
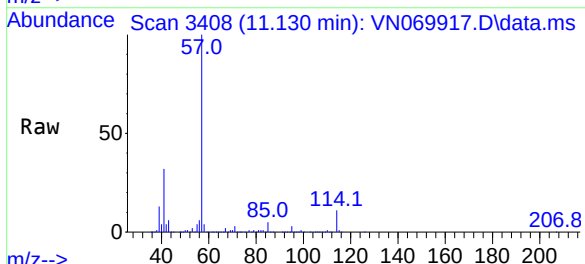
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

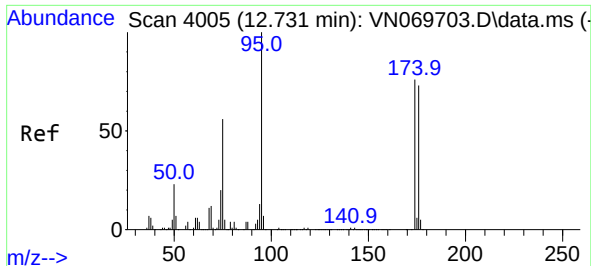
Tgt Ion: 63 Resp: 10310
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 5.654 ug/l
RT: 11.130 min Scan# 3408
Delta R.T. 0.043 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 43 Resp: 134895
Ion Ratio Lower Upper
43 100
58 72.5 26.9 80.7

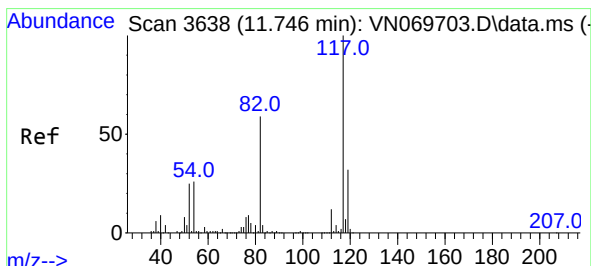
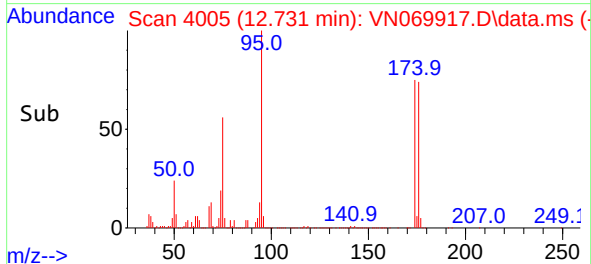
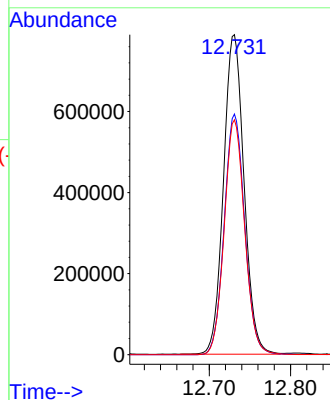
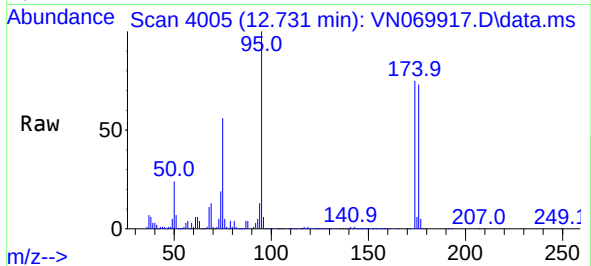




#62
4-Bromofluorobenzene
Concen: 65.456 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

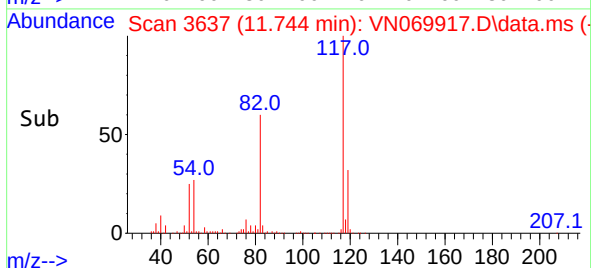
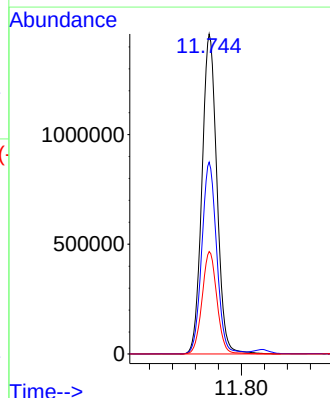
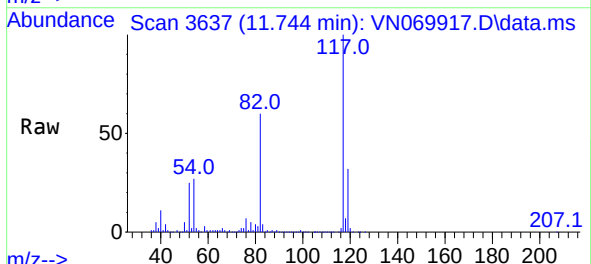
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

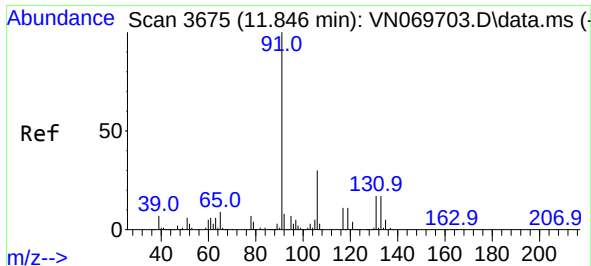
Tgt Ion: 95 Resp: 1382925
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 117 Resp: 2626527
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.0 25.4 38.2

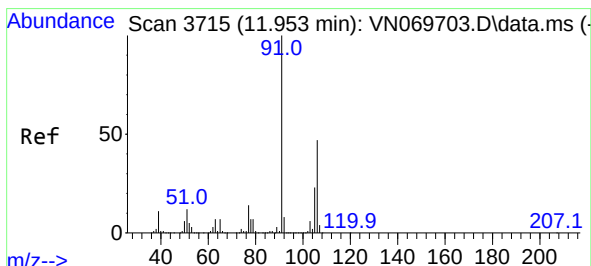
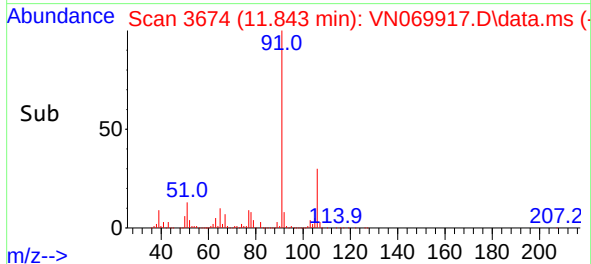
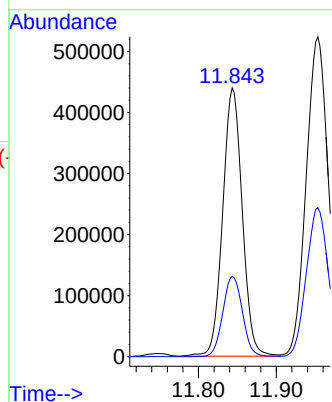
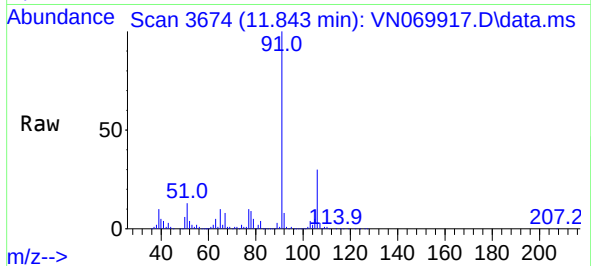




#67
Ethyl Benzene
Concen: 7.887 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

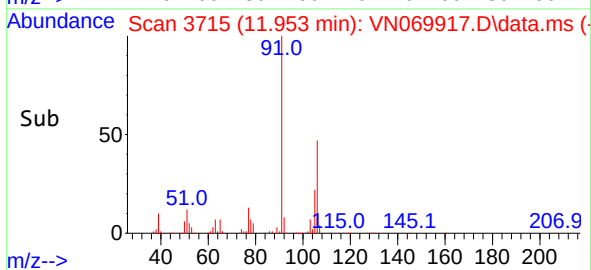
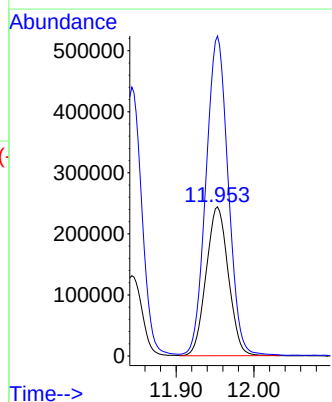
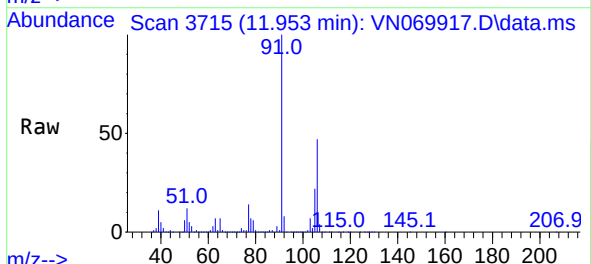
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

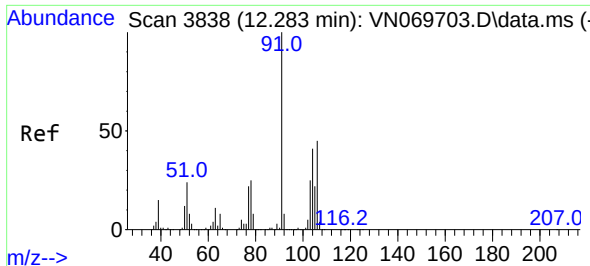
Tgt Ion: 91 Resp: 763387
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 13.759 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:106 Resp: 484891
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8

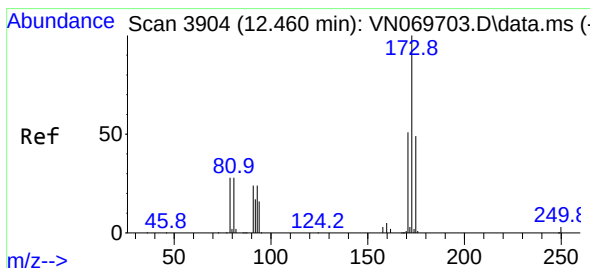
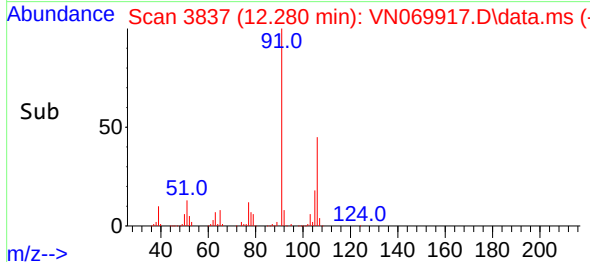
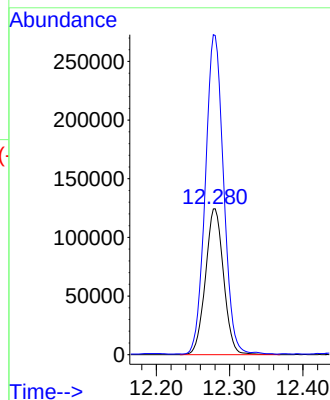
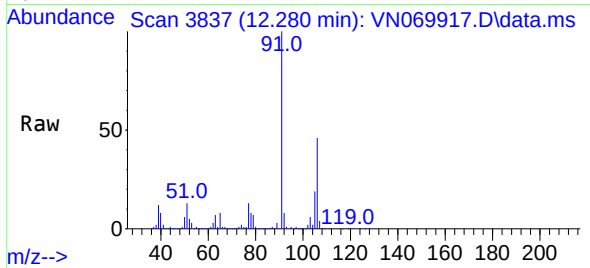




#69
o-Xylene
Concen: 6.011 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

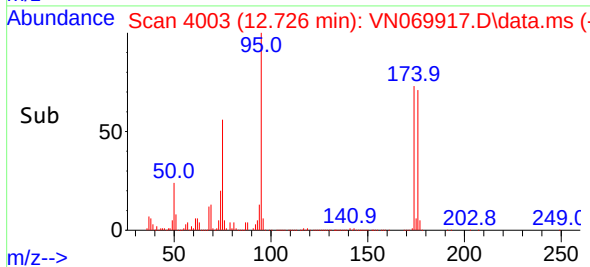
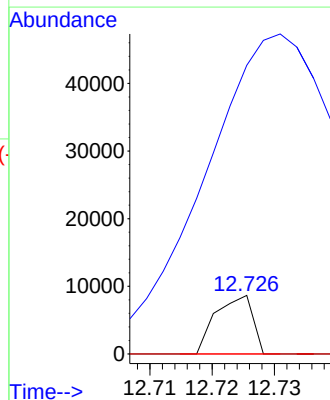
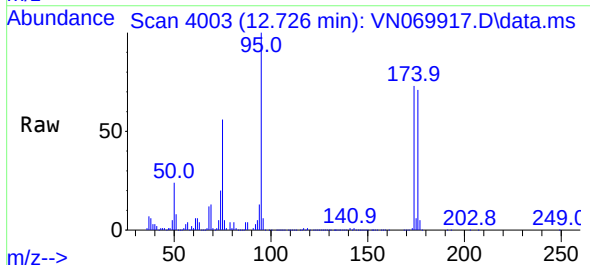
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

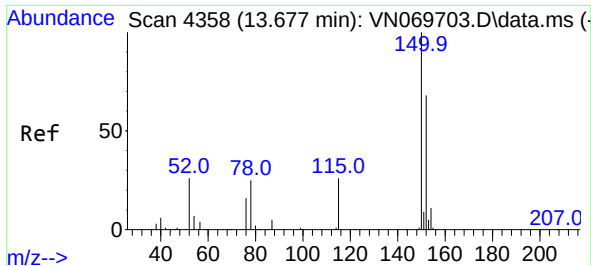
Tgt Ion:106 Resp: 213363
Ion Ratio Lower Upper
106 100
91 219.6 105.8 317.3



#71
Bromoform
Concen: 2.941 ug/l
RT: 12.726 min Scan# 4003
Delta R.T. 0.266 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:173 Resp: 3557
Ion Ratio Lower Upper
173 100
175 2166.0 24.2 72.6#
254 0.0 0.0 0.0

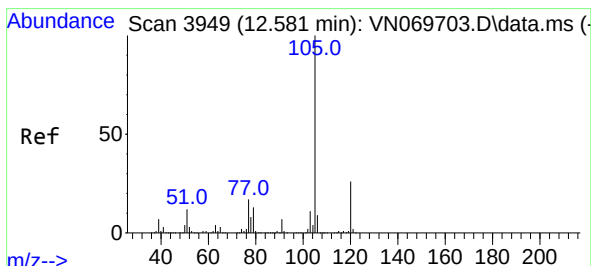
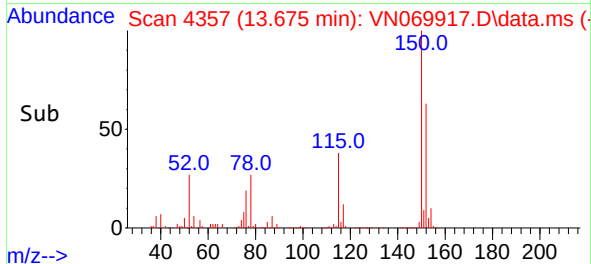
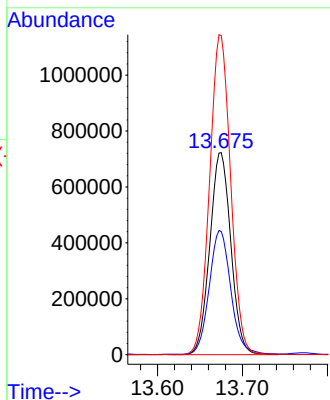
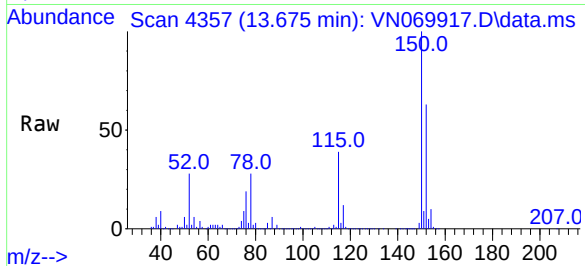




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

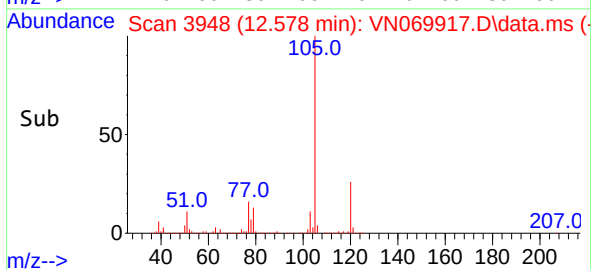
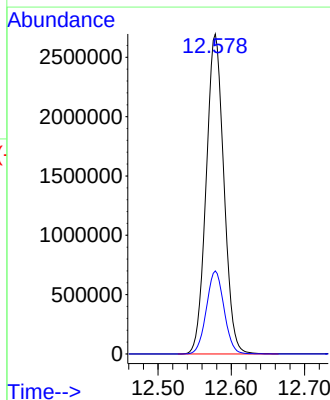
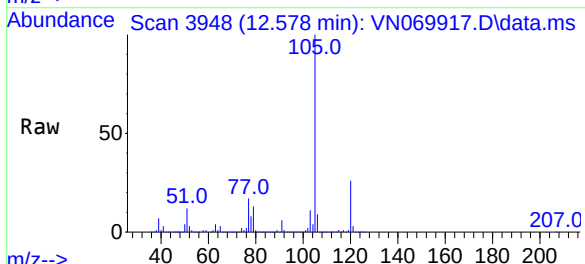
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

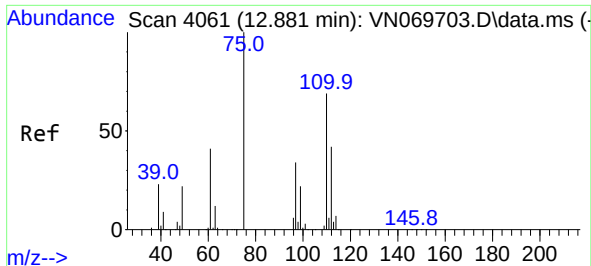
Tgt Ion:152 Resp: 1244301
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 157.9 0.0 344.4



#73
Isopropylbenzene
Concen: 40.814 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:105 Resp: 4518474
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

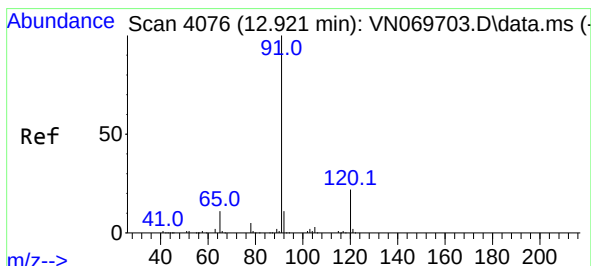
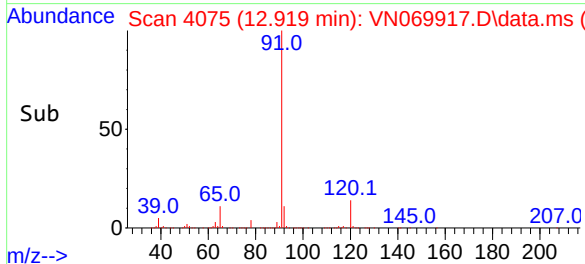
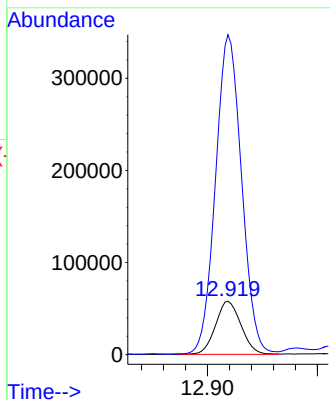
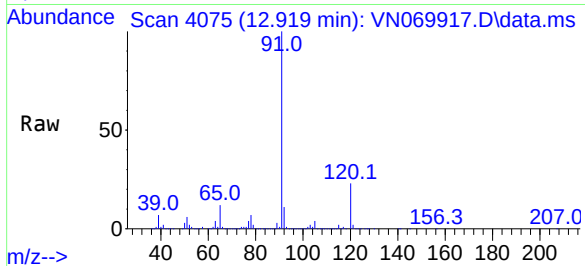




#76
1,2,3-Trichloropropane
Concen: 2.598 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

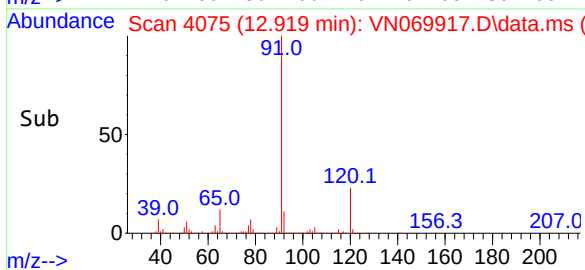
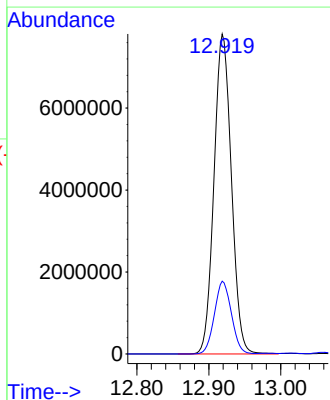
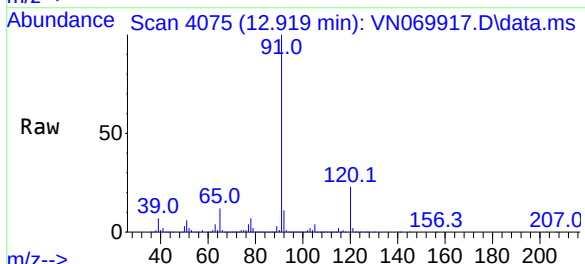
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

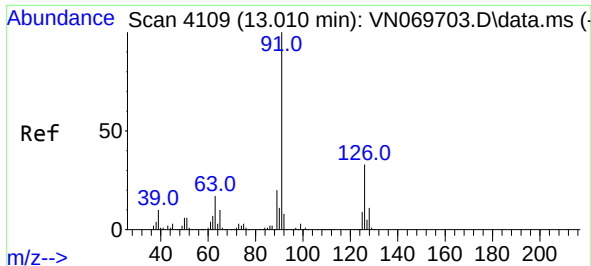
Tgt Ion: 75 Resp: 92696
Ion Ratio Lower Upper
75 100
77 615.9 82.6 247.8#



#78
n-propylbenzene
Concen: 106.092 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 91 Resp:13069879
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9

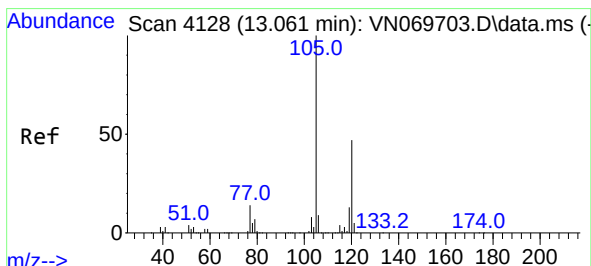
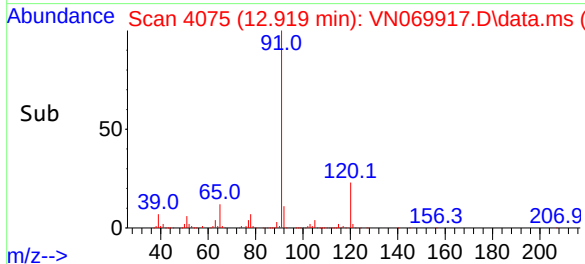
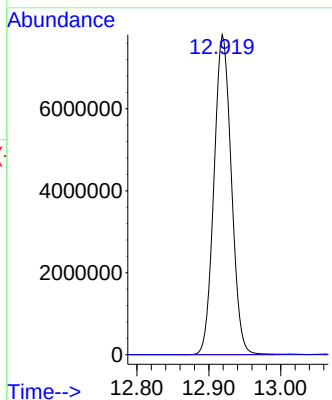
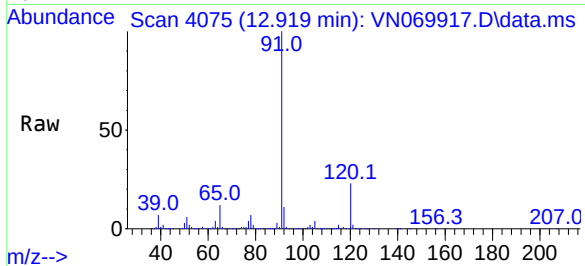




#79
2-Chlorotoluene
Concen: 167.902 ug/l
RT: 12.919 min Scan# 4109
Delta R.T. -0.091 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

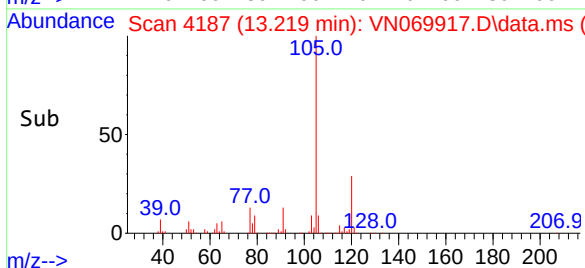
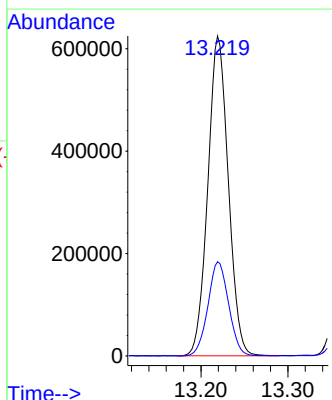
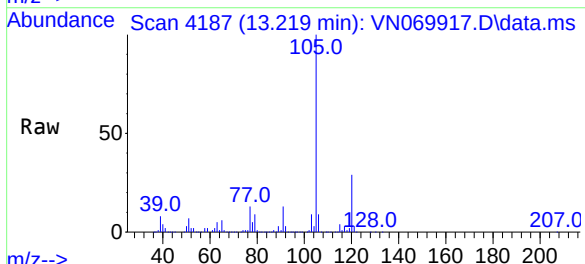
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

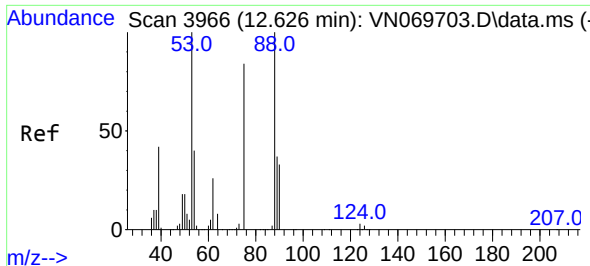
Tgt Ion: 91 Resp:13069879
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 11.454 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. 0.158 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:105 Resp: 1020620
Ion Ratio Lower Upper
105 100
120 29.9 24.6 73.6



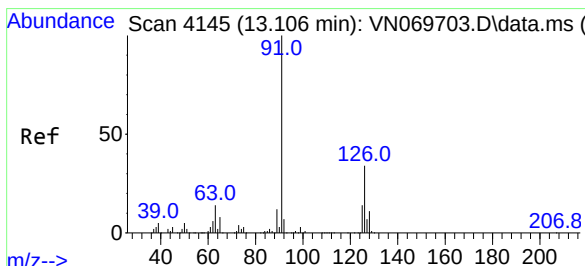
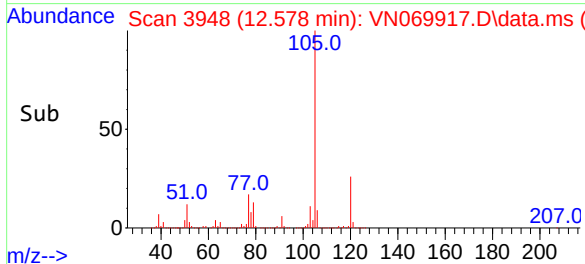
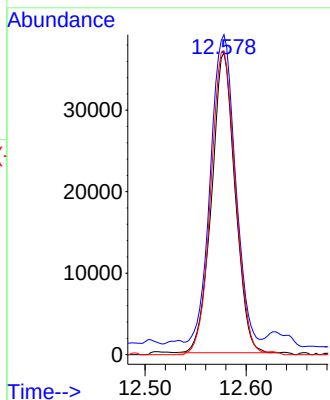
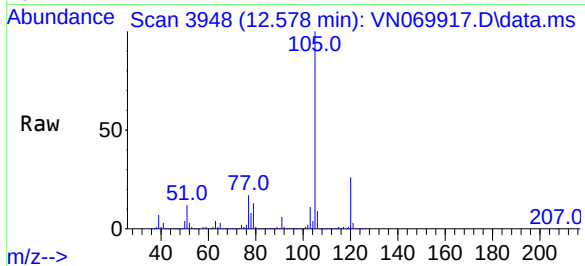


#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.075 ug/l
 RT: 12.578 min Scan# 3966
 Delta R.T. -0.048 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4A

Tgt Ion: 75 Resp: 59505

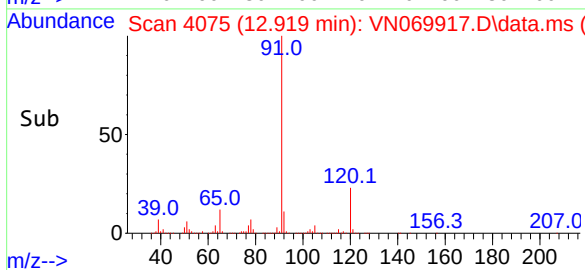
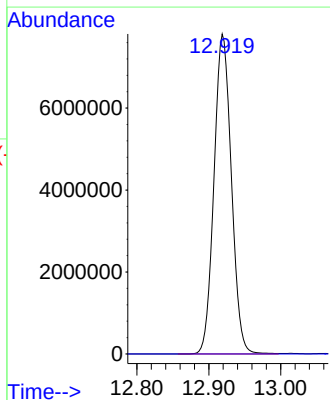
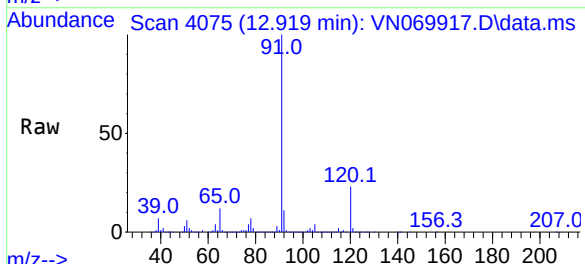
Ion	Ratio	Lower	Upper
75	100		
53	108.4	90.5	135.7
89	106.5	38.2	57.4

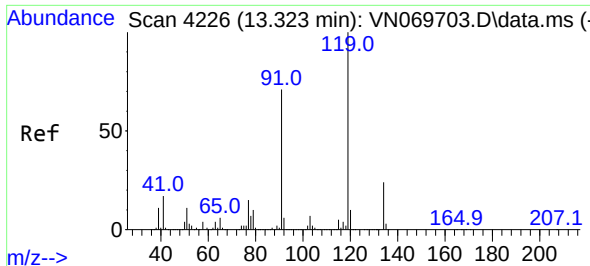


#82
 4-Chlorotoluene
 Concen: 178.537 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. -0.188 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

Tgt Ion: 91 Resp:13069879

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.2	54.6

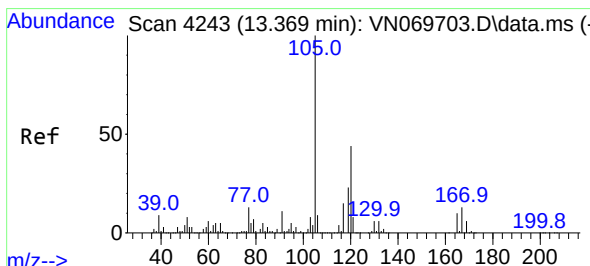
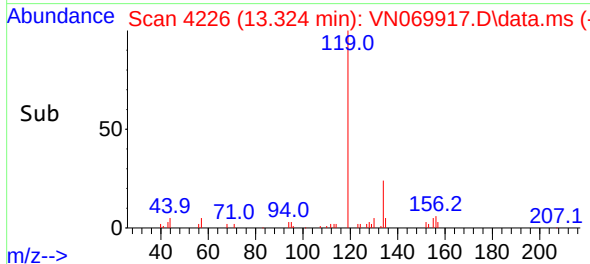
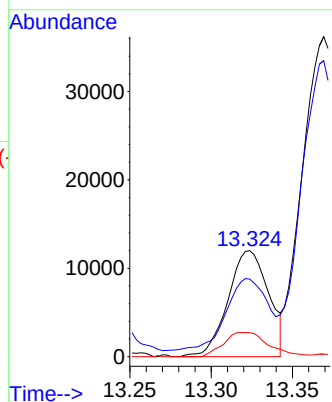
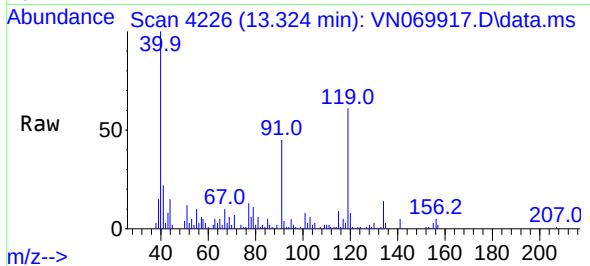




#83
tert-Butylbenzene
Concen: 0.265 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

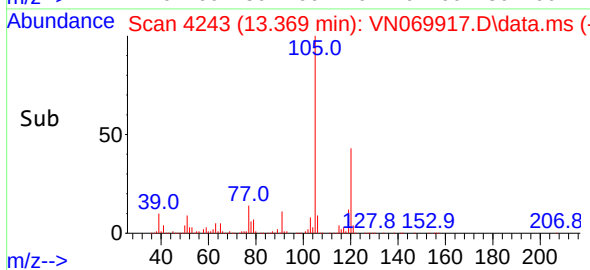
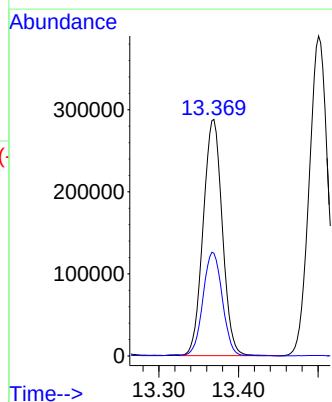
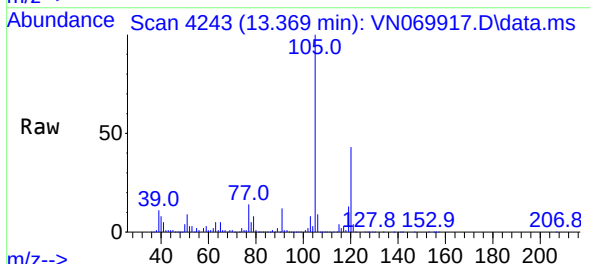
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

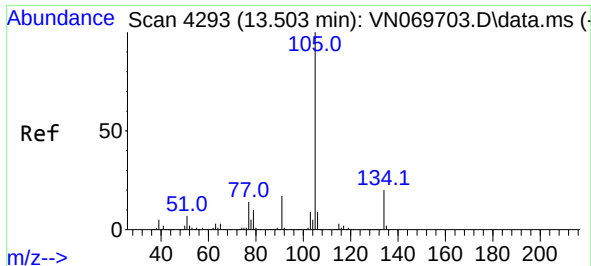
Tgt Ion:119 Resp: 20877
Ion Ratio Lower Upper
119 100
91 68.5 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 5.670 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:105 Resp: 481185
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

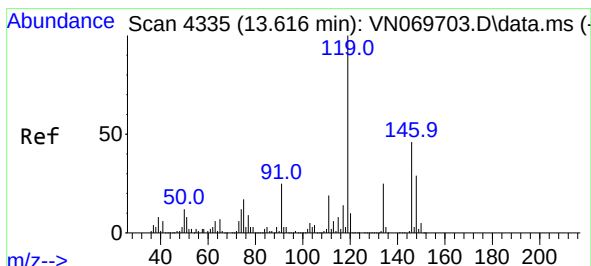
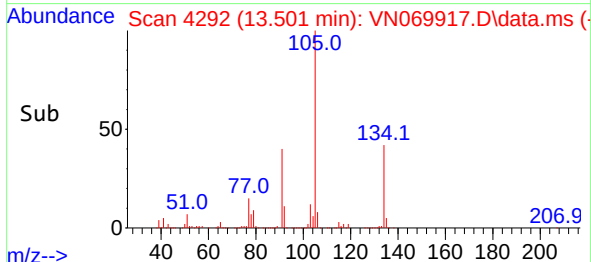
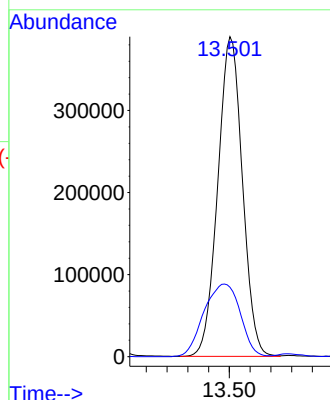
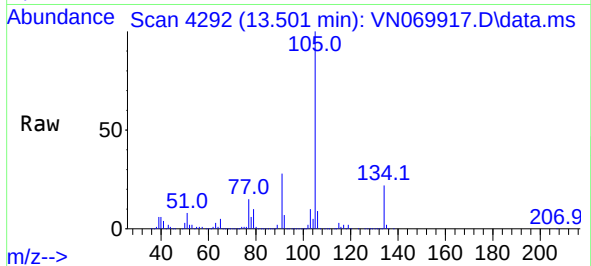




#85
 sec-Butylbenzene
 Concen: 5.991 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

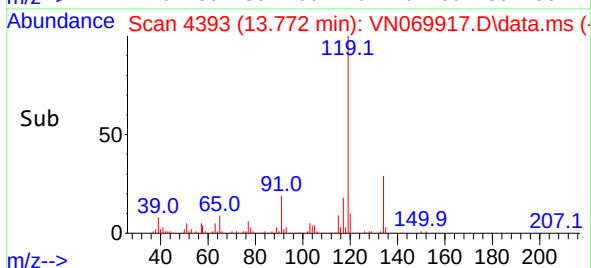
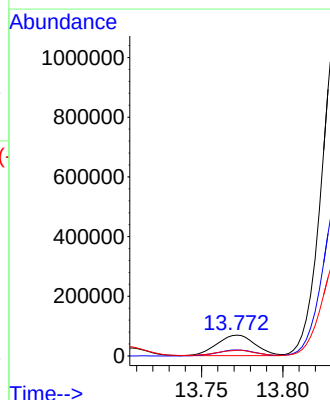
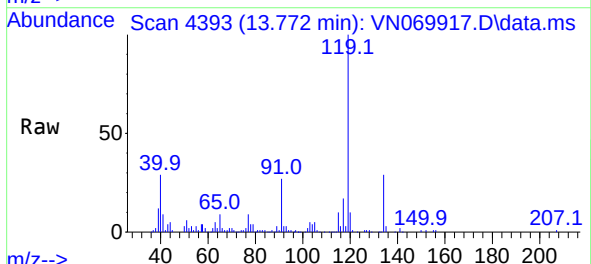
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4A

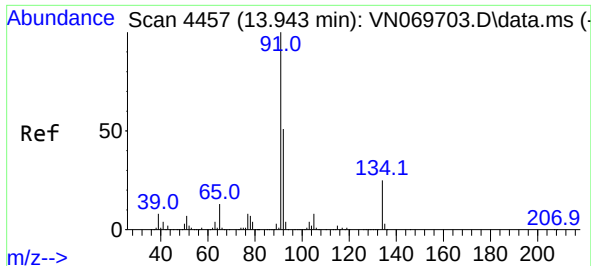
Tgt Ion:105 Resp: 641122
 Ion Ratio Lower Upper
 105 100
 134 33.6 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.337 ug/l
 RT: 13.772 min Scan# 4393
 Delta R.T. 0.156 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

Tgt Ion:119 Resp: 111821
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.6 40.7
 91 0.0 11.4 34.1#

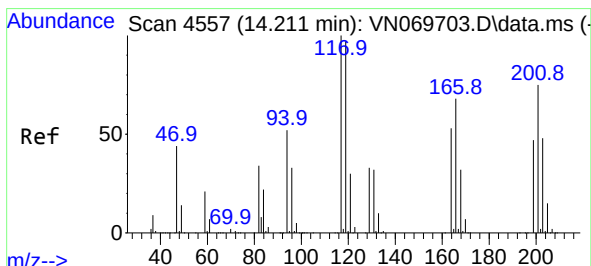
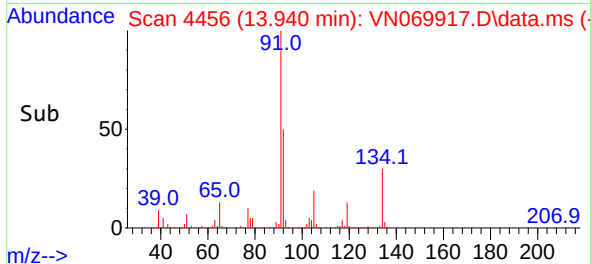
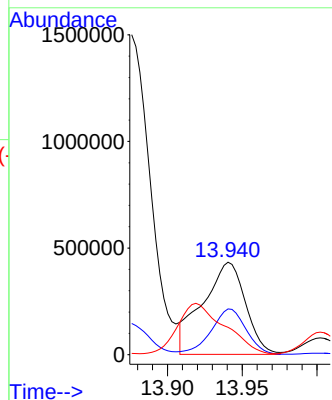
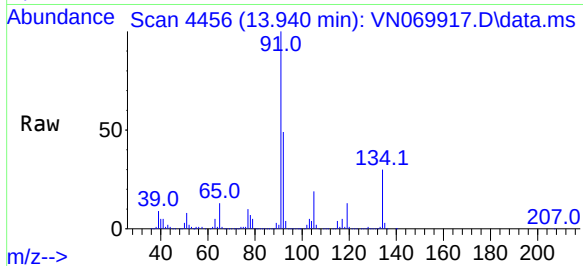




#89
n-Butylbenzene
Concen: 12.707 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

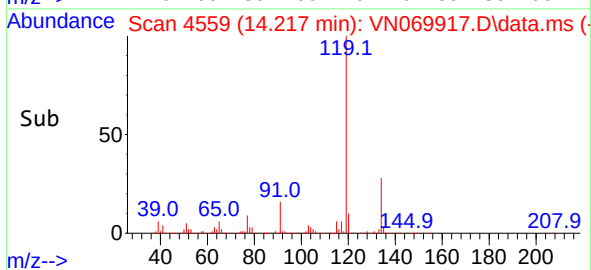
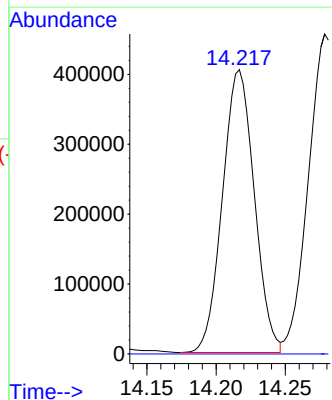
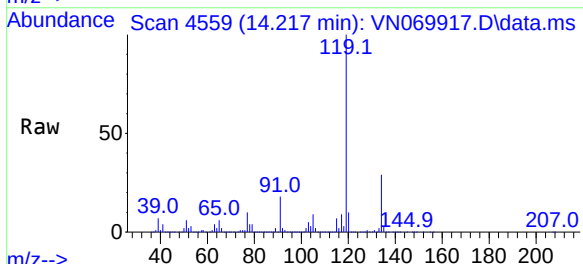
Instrument :
MSVOA_N
ClientSampleId :
MW-4A

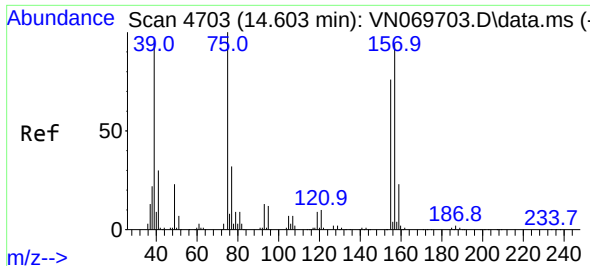
Tgt Ion: 91 Resp: 862330
Ion Ratio Lower Upper
91 100
92 41.0 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 44.085 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion: 117 Resp: 647485
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

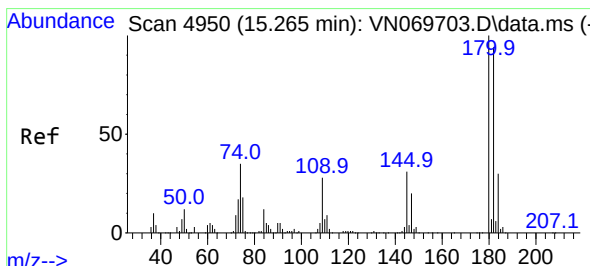
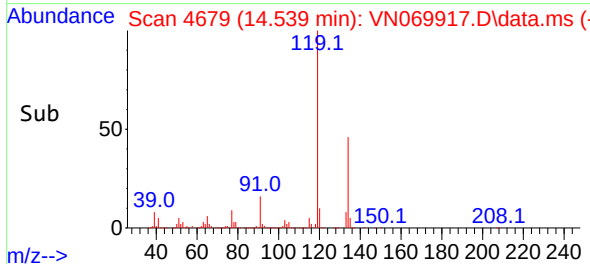
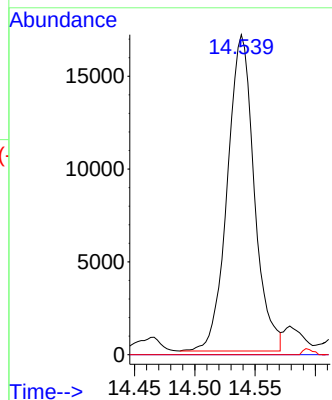
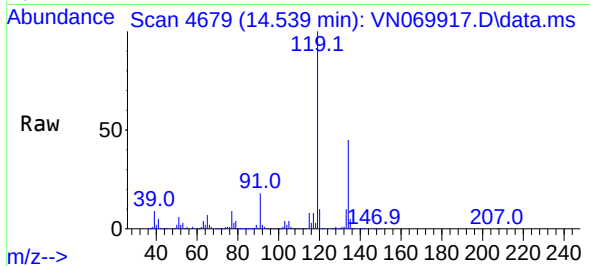




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.819 ug/l
 RT: 14.539 min Scan# 4679
 Delta R.T. -0.064 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

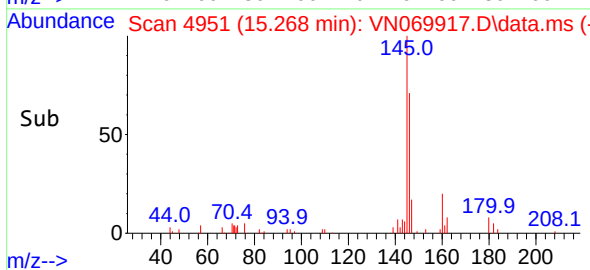
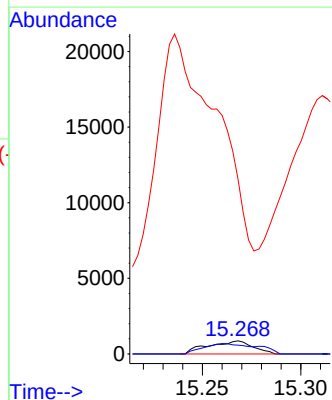
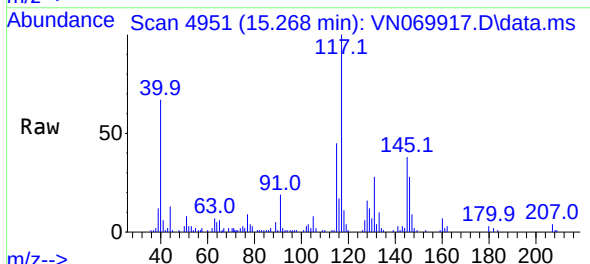
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4A

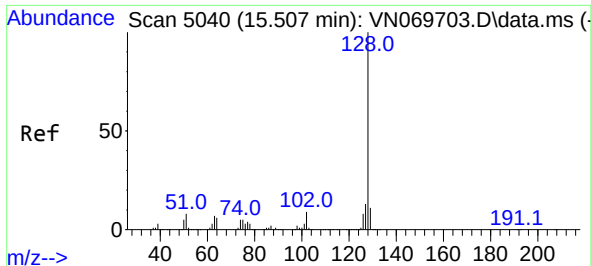
Tgt Ion: 75 Resp: 26418
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.941 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN069917.D
 Acq: 9 Dec 2021 17:37

Tgt Ion:180 Resp: 1367
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.3 144.9
 145 0.0 14.5 43.5#



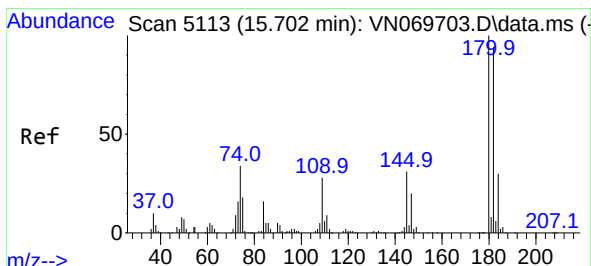
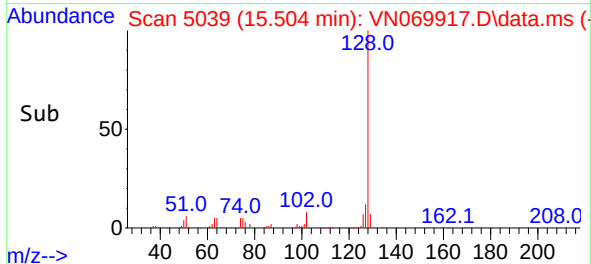
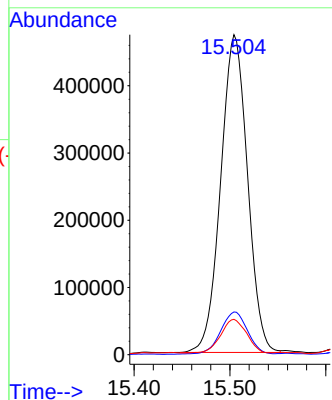
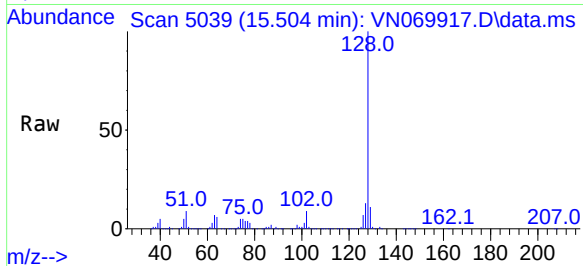


#95
Naphthalene
Concen: 17.886 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
MW-4A

Tgt Ion:128 Resp: 918506

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.507 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.008 min
Lab File: VN069917.D
Acq: 9 Dec 2021 17:37

Tgt Ion:180 Resp: 1502

Ion	Ratio	Lower	Upper
180	100		
182	15.2	47.4	142.2#
145	0.0	15.0	45.1#

