

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069919.D
 Acq On : 9 Dec 2021 18:28
 Operator : JC/MD
 Sample : M4969-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Dec 10 06:20:00 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	1231711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2222458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2532644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1255618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	934870	49.158	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.320%
35) Dibromofluoromethane	8.021	113	688813	49.480	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.960%
50) Toluene-d8	10.440	98	2949241	52.762	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.731	95	1330013	65.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.360%

Target Compounds			Qvalue			
3) Chloromethane	2.306	50	5023	0.279	ug/l #	88
11) Tert butyl alcohol	5.374	59	2050106	570.298	ug/l	98
13) Acrolein	3.993	56	42083	13.747	ug/l #	1
14) Allyl chloride	4.942	41	56187	2.125	ug/l #	6
15) Acrylonitrile	5.615	53	62515	6.454	ug/l #	36
16) Acetone	4.261	43	92557	8.091	ug/l #	55
18) Methyl Acetate	4.926	43	59411	1.721	ug/l #	52
19) Methyl tert-butyl Ether	5.618	73	690658	15.140	ug/l #	1
20) Methylene Chloride	4.942	84	8723	0.574	ug/l #	13
22) Diisopropyl ether	6.498	45	333755	6.459	ug/l	92
23) Vinyl Acetate	6.492	43	224089	5.330	ug/l #	73
25) 2-Butanone	7.340	43	54464	3.504	ug/l #	81
26) 2,2-Dichloropropane	7.152	77	16658	0.800	ug/l #	52
29) Tetrahydrofuran	7.686	42	7377	0.782	ug/l #	57
30) Chloroform	8.096	83	25300	0.936	ug/l	96
31) Cyclohexane	8.094	56	604867	22.855	ug/l #	85
36) 1,1-Dichloropropene	8.086	75	106735	5.045	ug/l #	48
37) Ethyl Acetate	7.340	43	54464	1.730	ug/l #	74
38) Carbon Tetrachloride	8.086	117	125389	6.044	ug/l #	16
39) Methylcyclohexane	9.459	83	558782	22.204	ug/l #	88
40) Benzene	8.461	78	14954261	231.242	ug/l	98
41) Methacrylonitrile	7.683	41	48093	3.253	ug/l #	38
42) 1,2-Dichloroethane	8.461	62	149903	5.742	ug/l #	74
43) Isopropyl Acetate	8.555	43	137887	2.959	ug/l #	55
45) 1,2-Dichloropropane	9.459	63	5789	0.333	ug/l #	1
47) Bromodichloromethane	9.746	83	26487	1.228	ug/l #	25
48) Methyl methacrylate	9.593	41	17497	0.805	ug/l #	8
51) 4-Methyl-2-Pentanone	10.328	43	10363	0.343	ug/l #	78
52) Toluene	10.505	92	783385	19.842	ug/l	98
53) t-1,3-Dichloropropene	10.623	75	356	2.807	ug/l #	1
54) cis-1,3-Dichloropropene	10.137	75	145	2.004	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	46873	2.942	ug/l #	21
56) Ethyl methacrylate	10.784	69	4361	2.418	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.019	63	6595	19.142	ug/l #	45
59) 2-Hexanone	11.130	43	37004	1.618	ug/l	64
60) Dibromochloromethane	10.977	129	393	2.398	ug/l #	11

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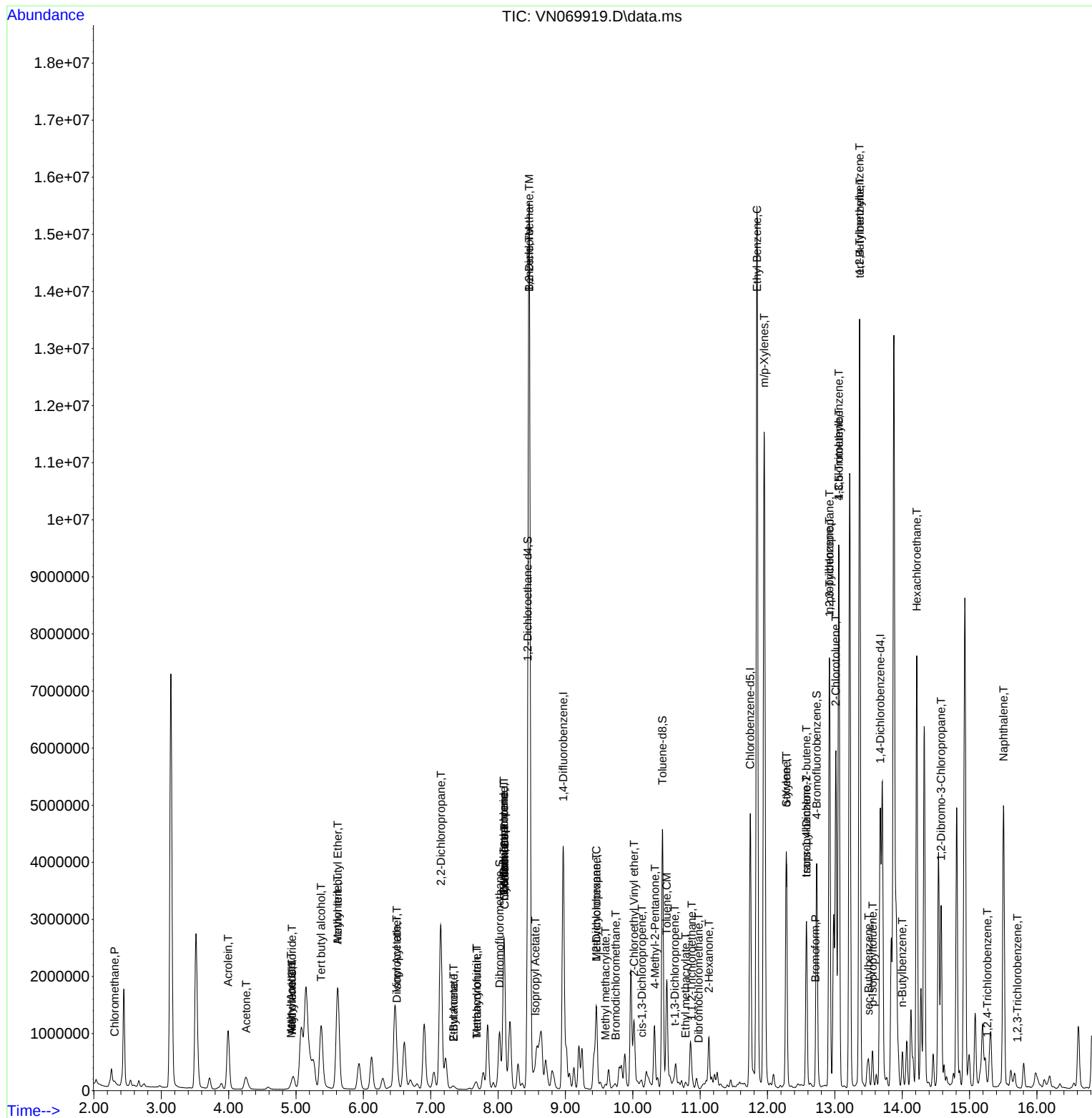
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.843	91	11146632	119.432	ug/l	97
68) m/p-Xylenes	11.950	106	3614720	106.371	ug/l	92
69) o-Xylene	12.280	106	1085155	31.702	ug/l	92
70) Styrene	12.280	104	58505	1.078	ug/l #	1
71) Bromoform	12.712	173	944	2.789	ug/l #	1
73) Isopropylbenzene	12.578	105	1876218	16.795	ug/l	99
76) 1,2,3-Trichloropropane	12.921	75	41155	1.143	ug/l #	1
78) n-propylbenzene	12.919	91	5998543	48.253	ug/l	96
79) 2-Chlorotoluene	13.015	91	445761	5.675	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	5243462	58.314	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.578	75	27304	6.341	ug/l #	69
82) 4-Chlorotoluene	13.058	91	592508	8.021	ug/l #	38
83) tert-Butylbenzene	13.369	119	919223	11.545	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.366	105	7534923	87.990	ug/l	98
85) sec-Butylbenzene	13.500	105	288646	2.673	ug/l #	69
86) p-Isopropyltoluene	13.559	119	337845	4.002	ug/l	98
89) n-Butylbenzene	14.002	91	68687	1.003	ug/l #	1
90) Hexachloroethane	14.217	117	389226	26.262	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	12892	1.847	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	1066	2.927	ug/l #	56
95) Naphthalene	15.504	128	4325013	68.851	ug/l	100
96) 1,2,3-Trichlorobenzene	15.708	180	1178	2.491	ug/l #	62

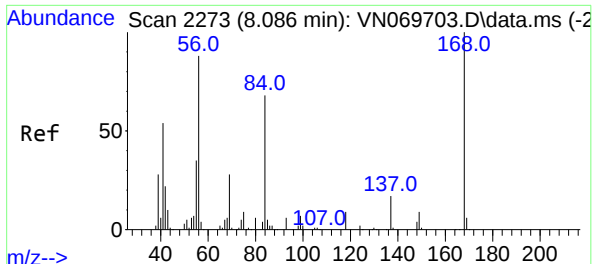
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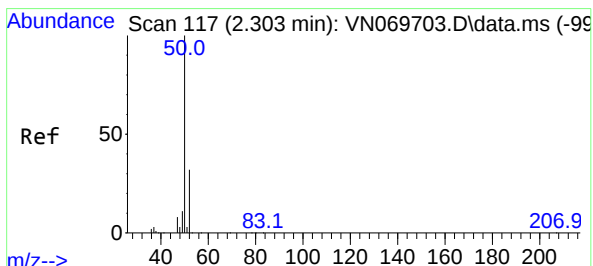
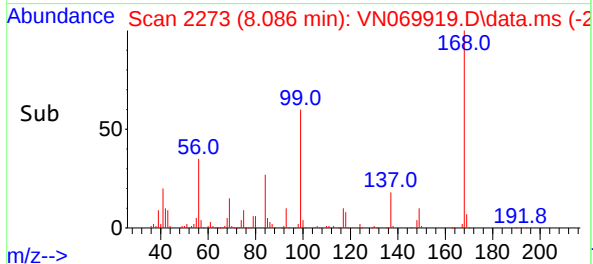
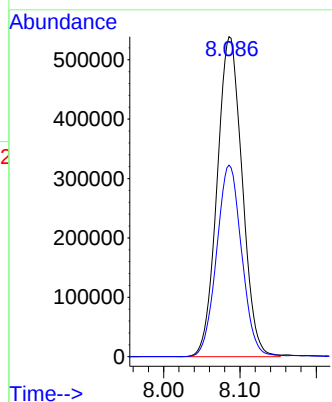
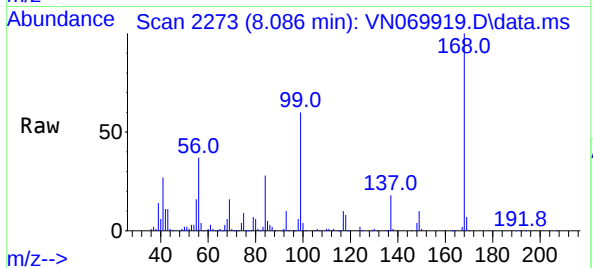




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

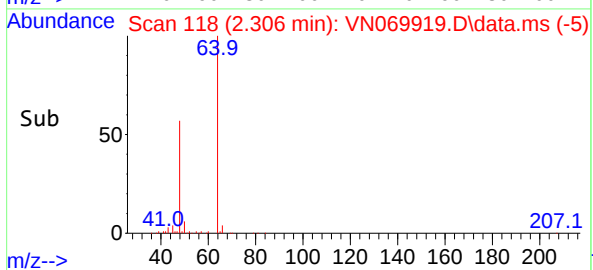
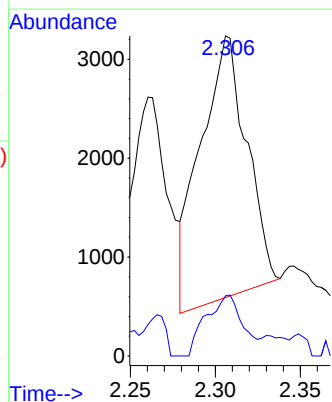
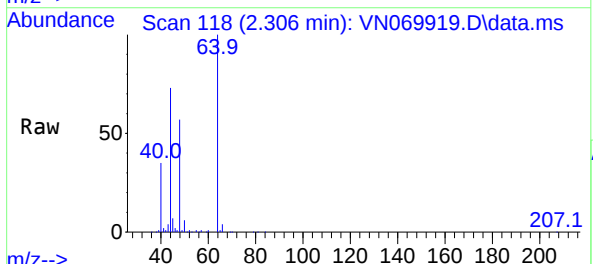
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MSVOA_N
ClientSampleId :
MW-2

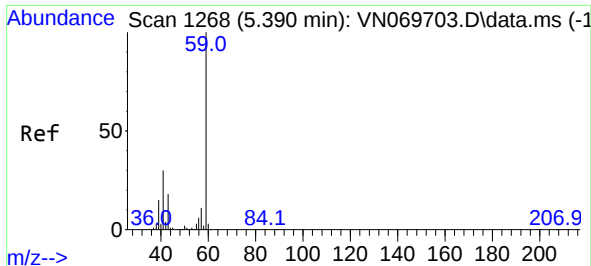
Tgt Ion:168 Resp: 1231711
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#3
Chloromethane
Concen: 0.279 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 50 Resp: 5023
Ion Ratio Lower Upper
50 100
52 24.8 25.4 38.0#

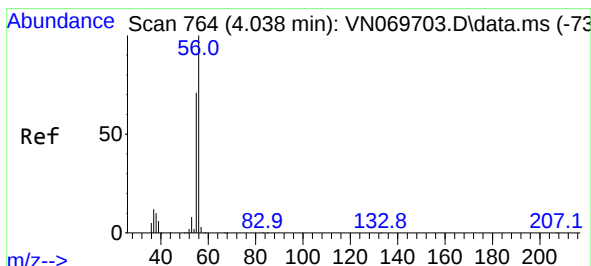
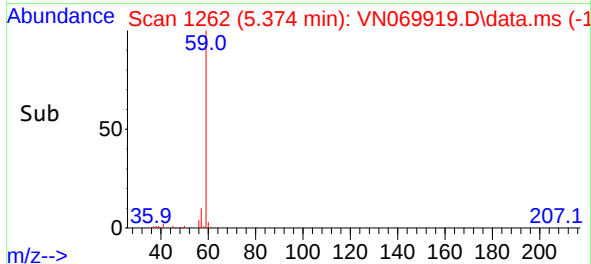
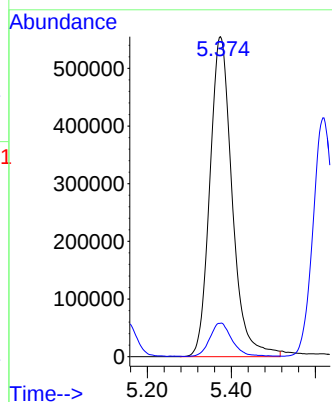
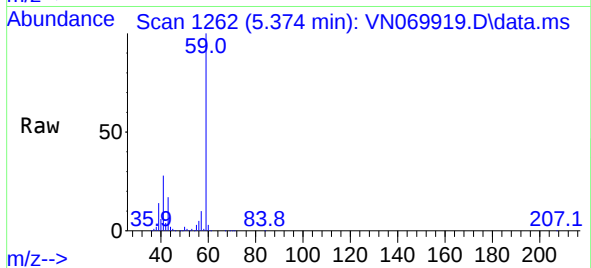




#11
Tert butyl alcohol
Concen: 570.298 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

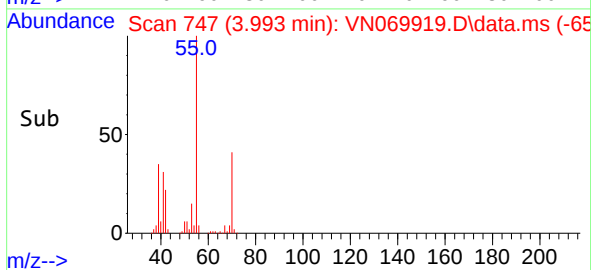
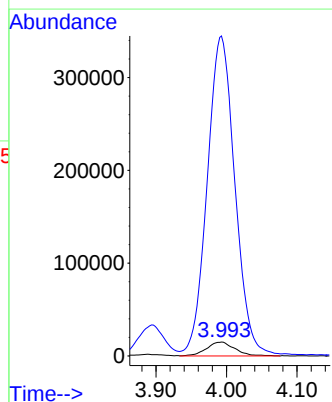
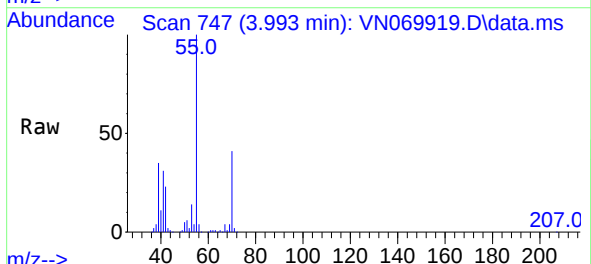
Instrument :
MSVOA_N
ClientSampleId :
MW-2

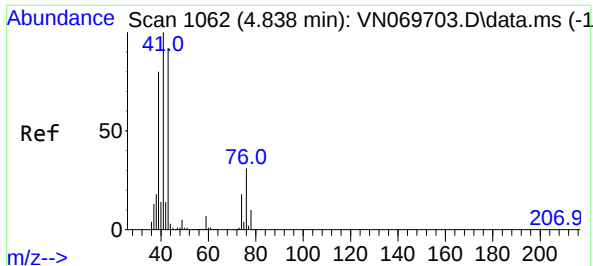
Tgt Ion: 59 Resp: 2050106
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#13
Acrolein
Concen: 13.747 ug/l
RT: 3.993 min Scan# 747
Delta R.T. -0.046 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 56 Resp: 42083
Ion Ratio Lower Upper
56 100
55 2209.8 56.6 85.0#

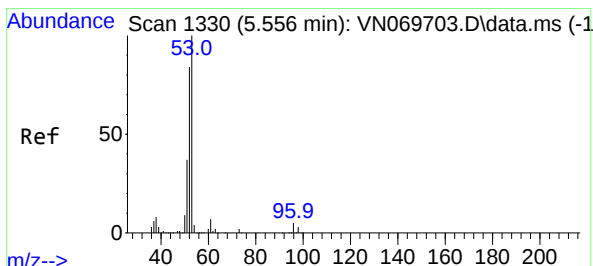
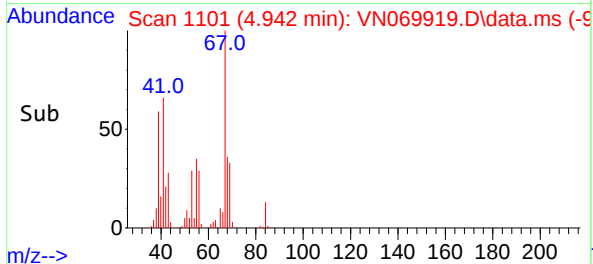
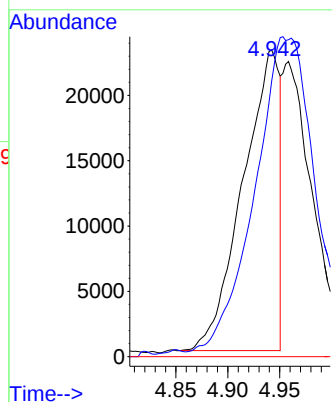
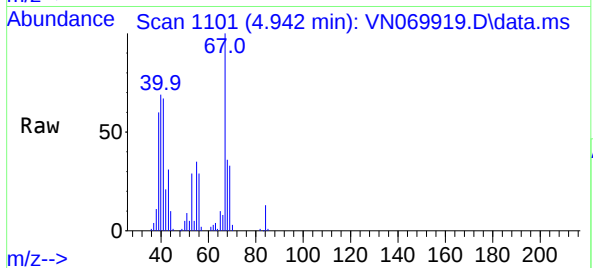




#14
 Allyl chloride
 Concen: 2.125 ug/l
 RT: 4.942 min Scan# 1101
 Delta R.T. 0.105 min
 Lab File: VN069919.D
 Acq: 9 Dec 2021 18:28

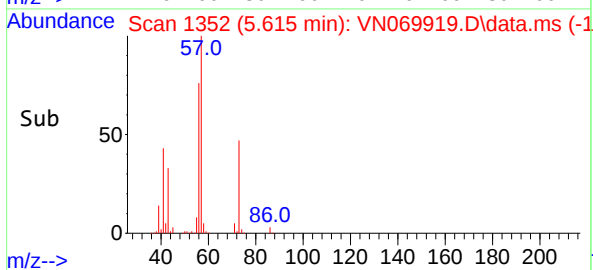
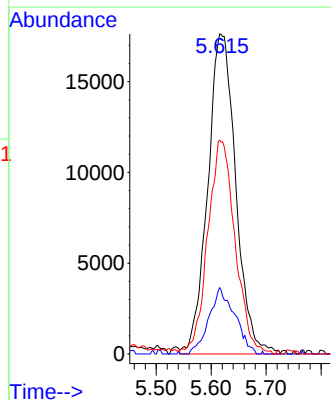
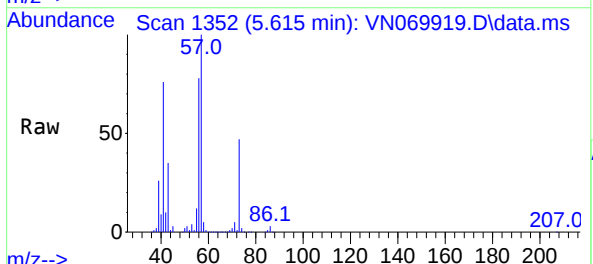
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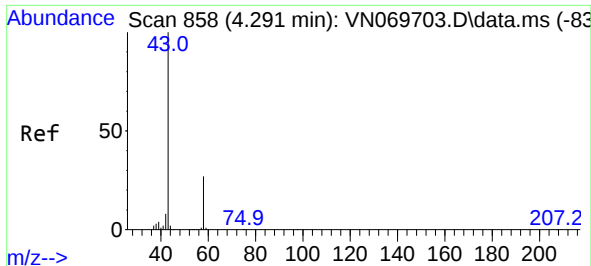
Tgt Ion: 41 Resp: 56187
 Ion Ratio Lower Upper
 41 100
 39 171.1 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 6.454 ug/l
 RT: 5.615 min Scan# 1352
 Delta R.T. 0.059 min
 Lab File: VN069919.D
 Acq: 9 Dec 2021 18:28

Tgt Ion: 53 Resp: 62515
 Ion Ratio Lower Upper
 53 100
 52 19.0 66.2 99.2#
 51 65.3 29.6 44.4#

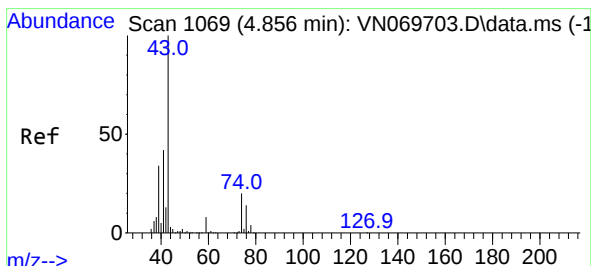
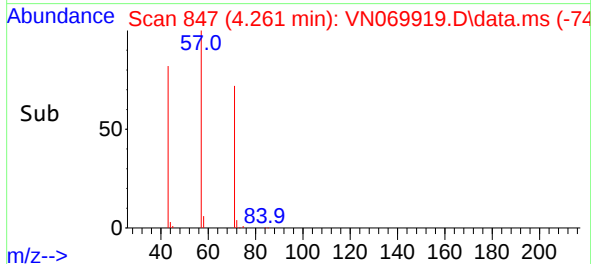
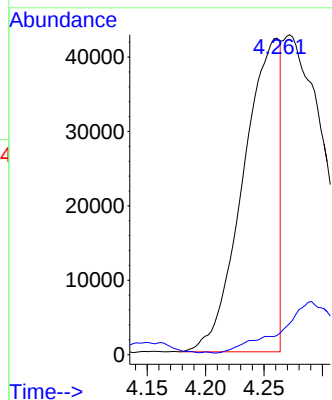
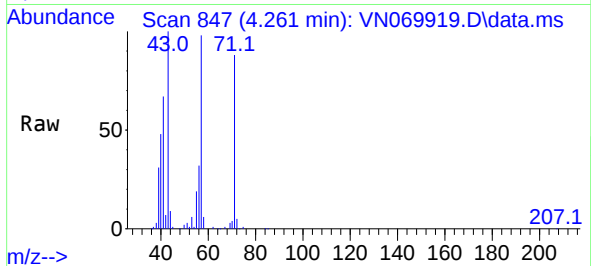




#16
Acetone
Concen: 8.091 ug/l
RT: 4.261 min Scan# 84
Delta R.T. -0.029 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

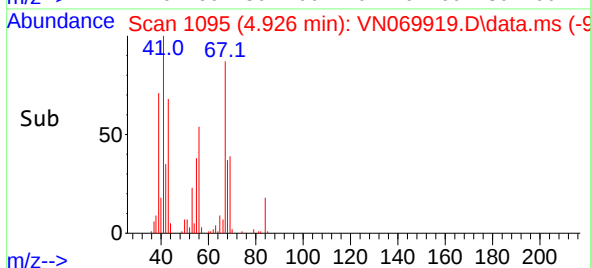
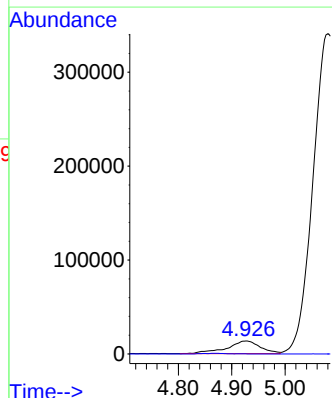
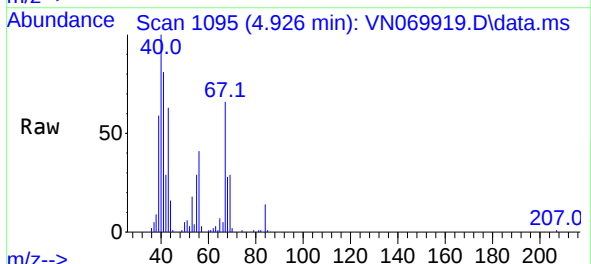
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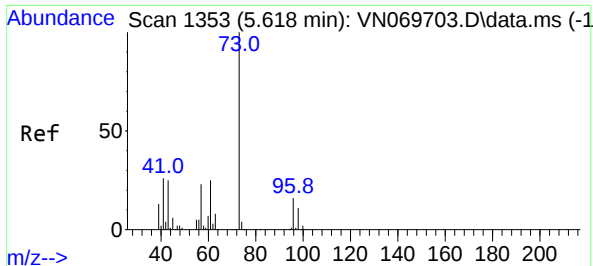
Tgt Ion: 43 Resp: 92557
Ion Ratio Lower Upper
43 100
58 4.7 23.1 34.7#



#18
Methyl Acetate
Concen: 1.721 ug/l
RT: 4.926 min Scan# 1095
Delta R.T. 0.070 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 43 Resp: 59411
Ion Ratio Lower Upper
43 100
74 0.5 19.4 29.2#

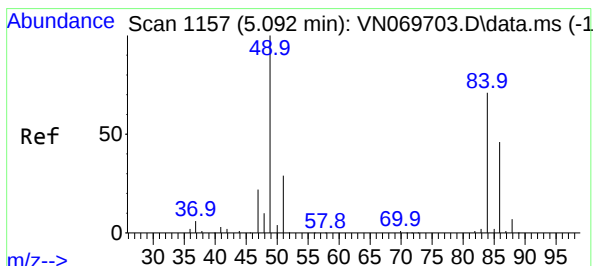
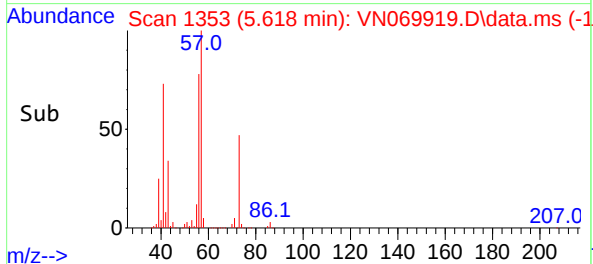
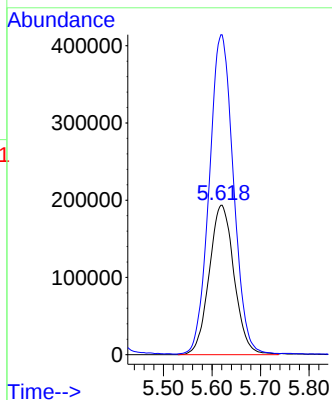
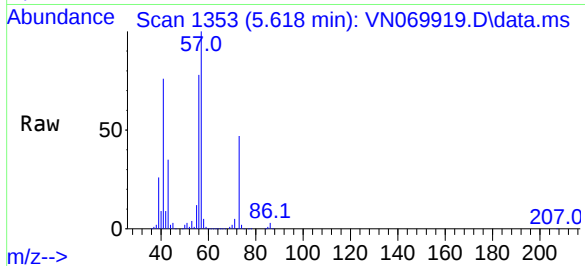




#19
Methyl tert-butyl Ether
Concen: 15.140 ug/l
RT: 5.618 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

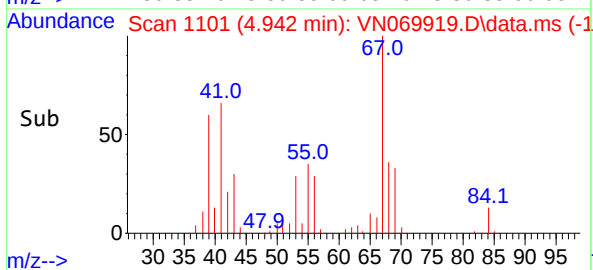
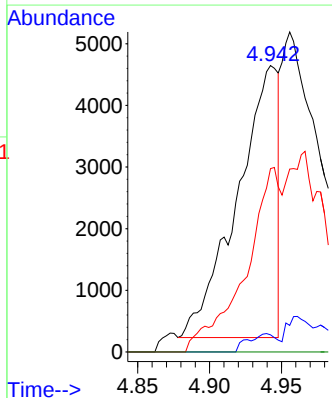
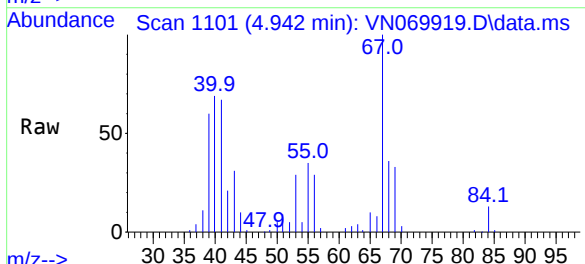
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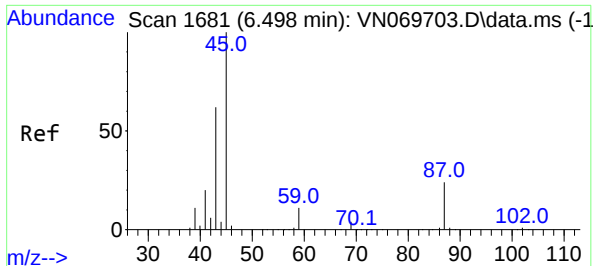
Tgt Ion: 73 Resp: 690658
Ion Ratio Lower Upper
73 100
57 213.4 16.8 25.2#



#20
Methylene Chloride
Concen: 0.574 ug/l
RT: 4.942 min Scan# 1101
Delta R.T. -0.150 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 84 Resp: 8723
Ion Ratio Lower Upper
84 100
49 6.3 93.5 140.3#
51 67.4 29.4 44.2#
86 0.0 53.0 79.4#





#22

Diisopropyl ether

Concen: 6.459 ug/l

RT: 6.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN069919.D

Acq: 9 Dec 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tgt Ion: 45 Resp: 333755

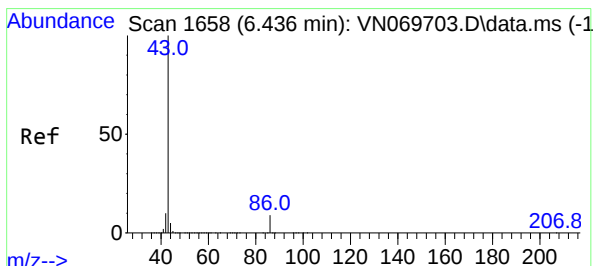
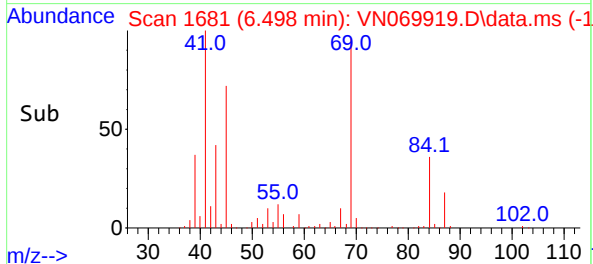
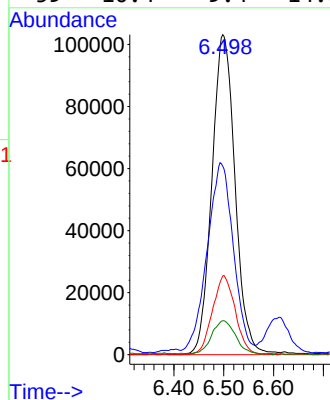
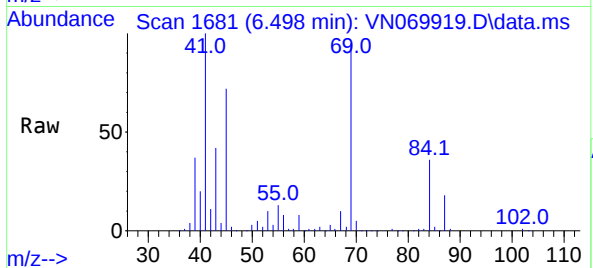
Ion Ratio Lower Upper

45 100

43 57.6 51.7 77.5

87 24.6 23.2 34.8

59 10.4 9.4 14.0



#23

Vinyl Acetate

Concen: 5.330 ug/l

RT: 6.492 min Scan# 1679

Delta R.T. 0.056 min

Lab File: VN069919.D

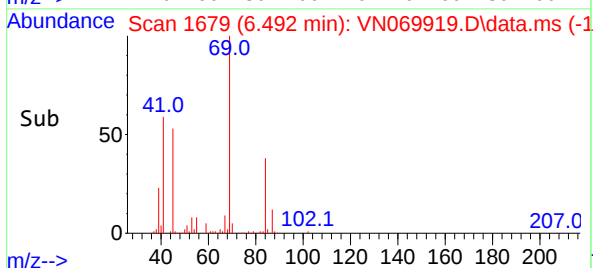
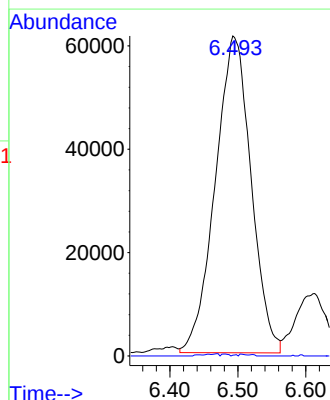
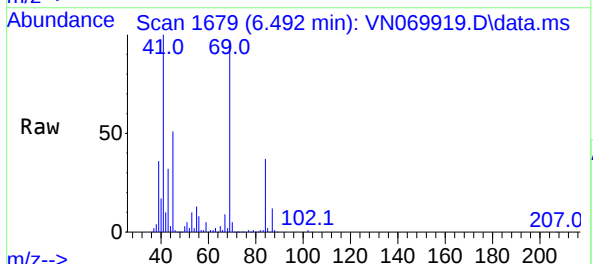
Acq: 9 Dec 2021 18:28

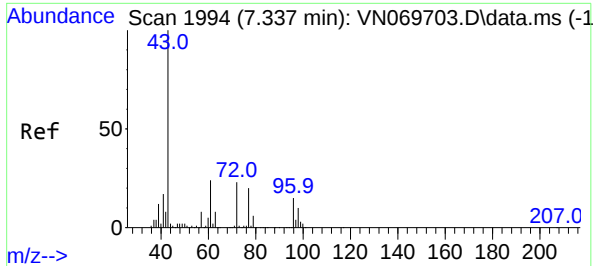
Tgt Ion: 43 Resp: 224089

Ion Ratio Lower Upper

43 100

86 0.3 8.5 12.7#

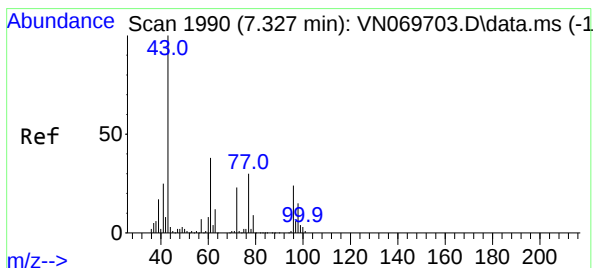
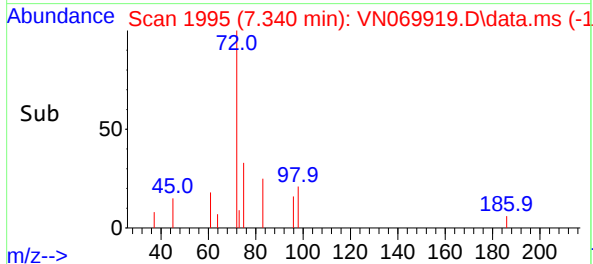
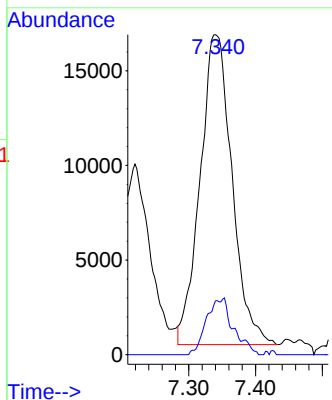
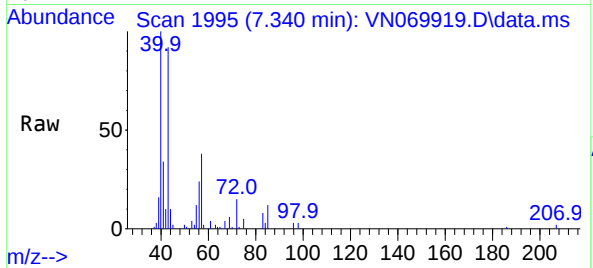




#25
2-Butanone
Concen: 3.504 ug/l
RT: 7.340 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

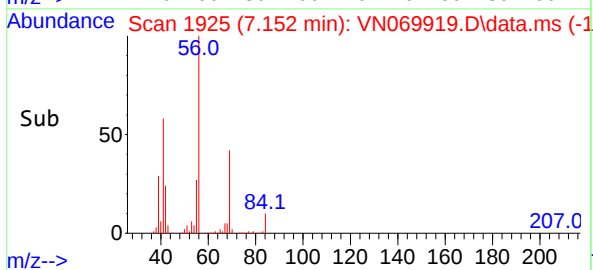
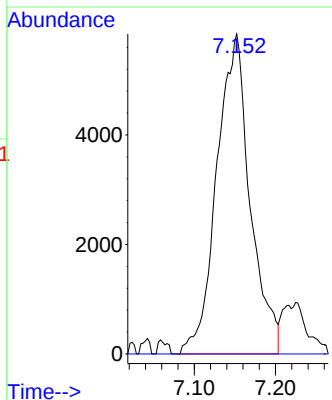
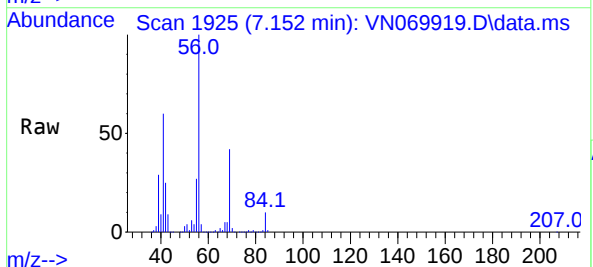
Instrument : MSVOA_N
ClientSampleId : MW-2

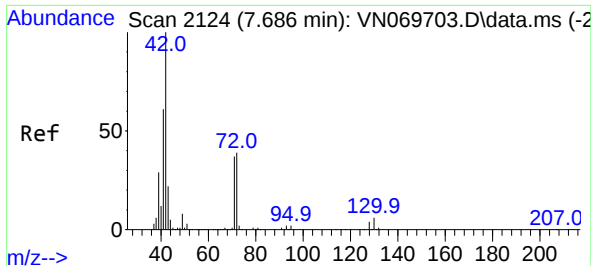
Tgt Ion: 43 Resp: 54464
Ion Ratio Lower Upper
43 100
72 17.4 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.800 ug/l
RT: 7.152 min Scan# 1925
Delta R.T. -0.174 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 77 Resp: 16658
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.782 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069919.D

Acq: 9 Dec 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2

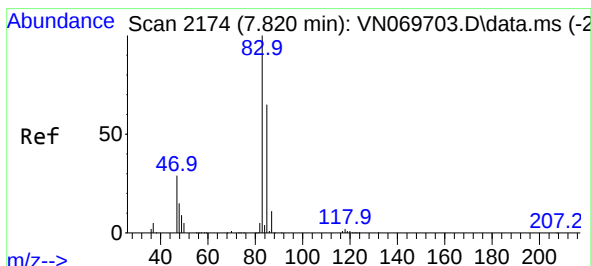
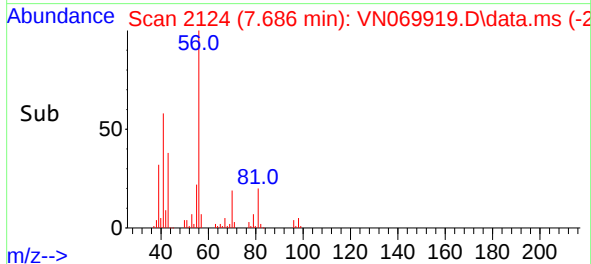
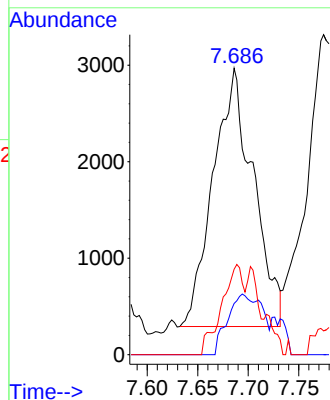
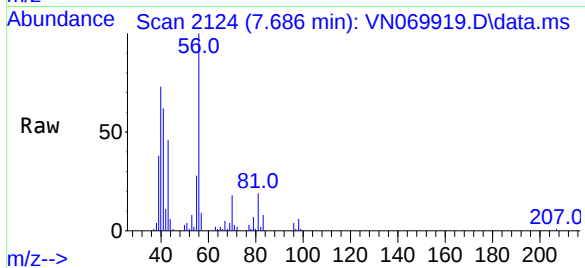
Tgt Ion: 42 Resp: 7377

Ion Ratio Lower Upper

42 100

72 14.2 36.3 54.5#

71 19.1 34.7 52.1#



#30

Chloroform

Concen: 0.936 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.276 min

Lab File: VN069919.D

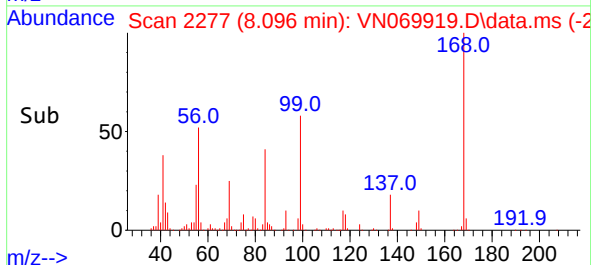
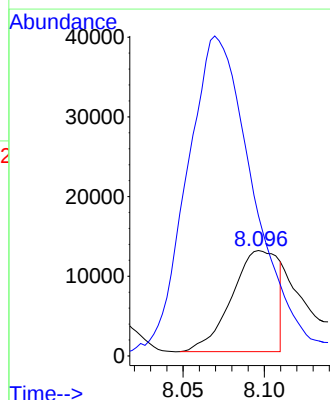
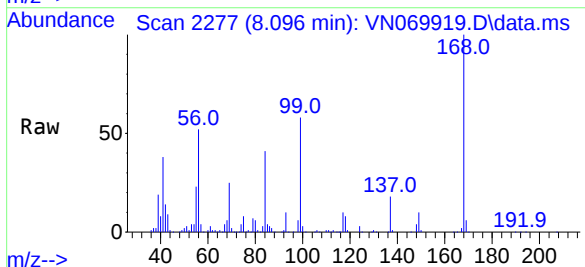
Acq: 9 Dec 2021 18:28

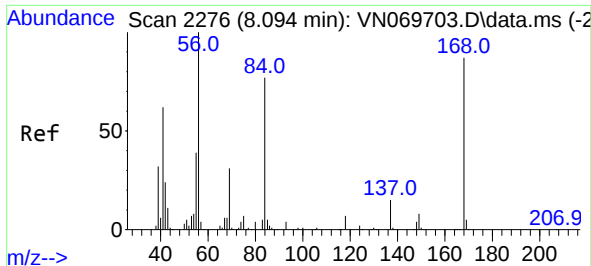
Tgt Ion: 83 Resp: 25300

Ion Ratio Lower Upper

83 100

85 67.9 51.9 77.9

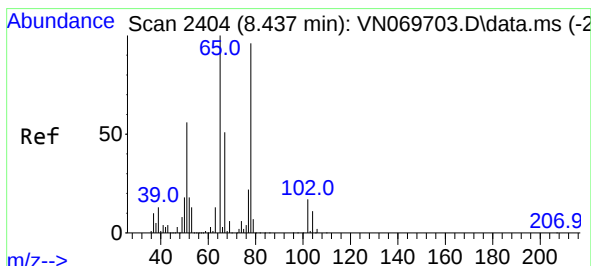
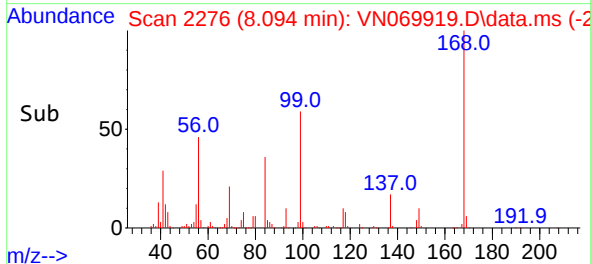
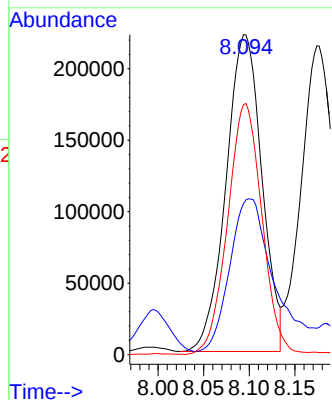
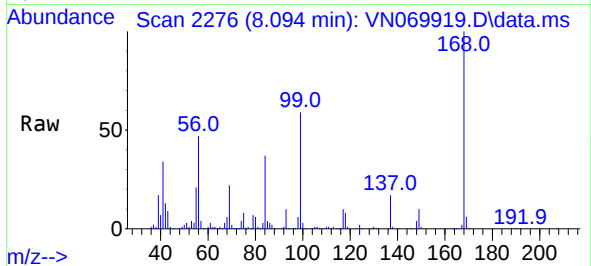




#31
Cyclohexane
Concen: 22.855 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

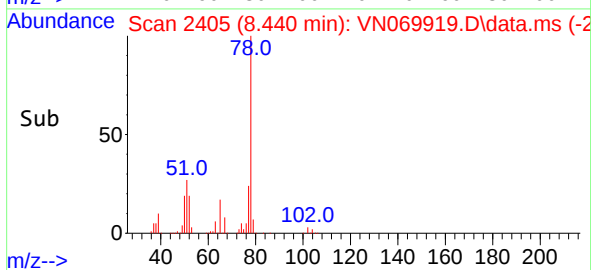
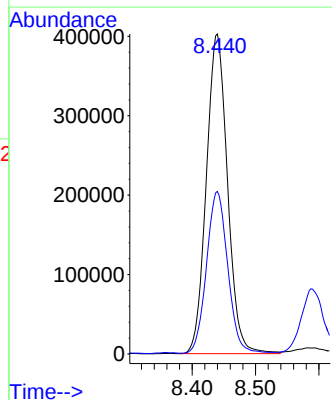
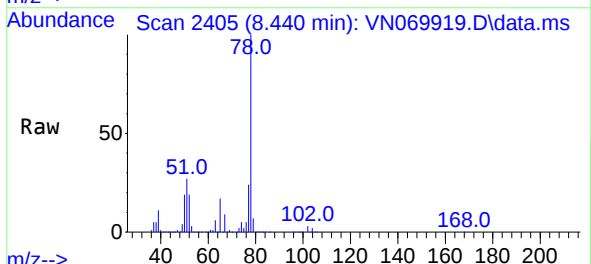
Instrument :
MSVOA_N
ClientSampleId :
MW-2

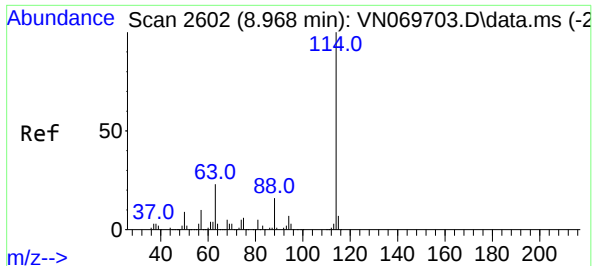
Tgt Ion: 56 Resp: 604867
Ion Ratio Lower Upper
56 100
69 44.0 27.1 40.7#
84 78.8 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 65 Resp: 934870
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

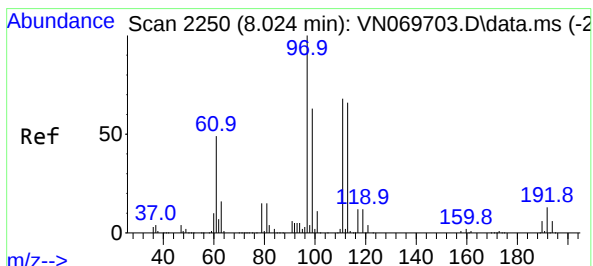
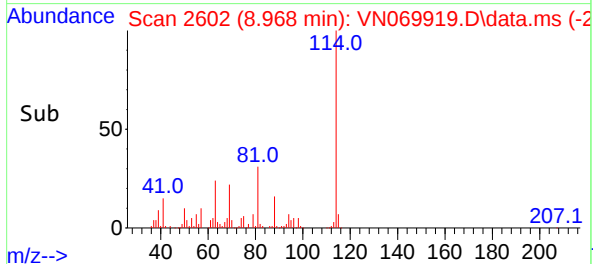
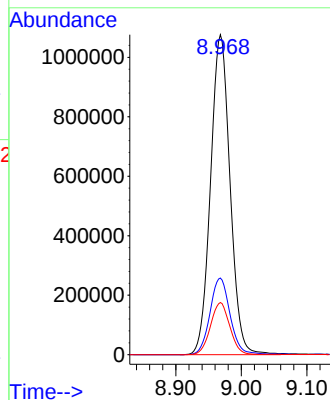
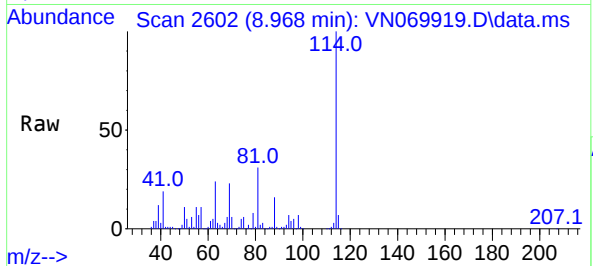




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

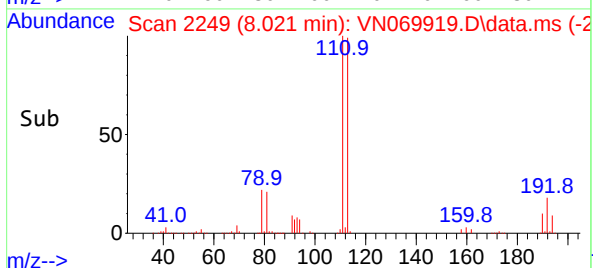
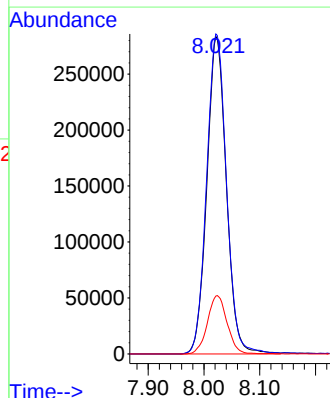
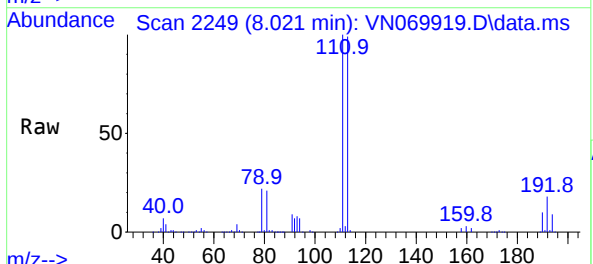
Instrument :
MSVOA_N
ClientSampleId :
MW-2

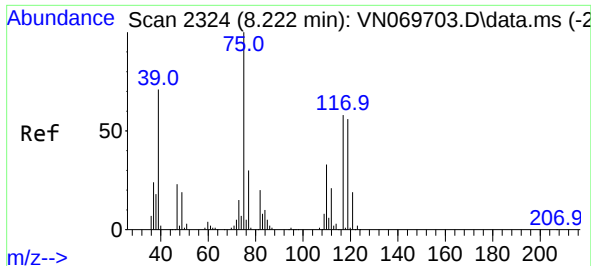
Tgt Ion:114 Resp: 2222458
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.480 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:113 Resp: 688813
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.6 16.9 25.3

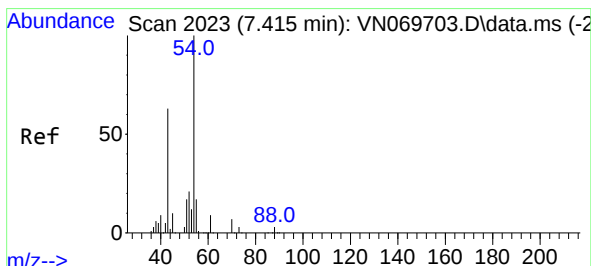
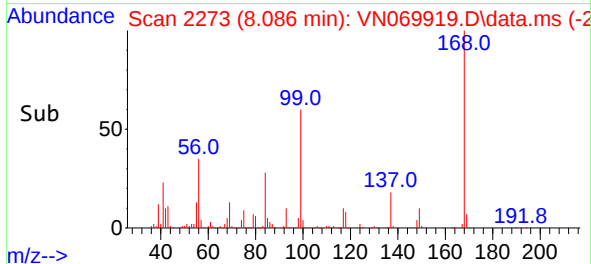
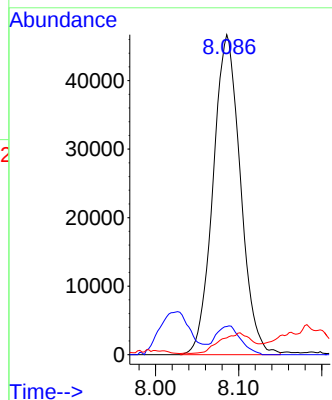
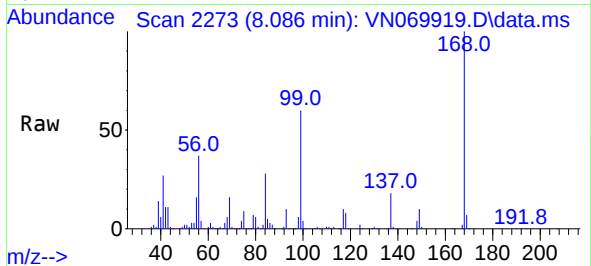




#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

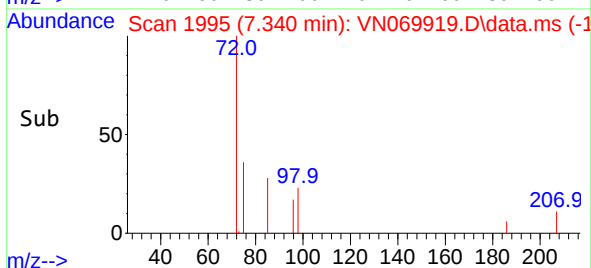
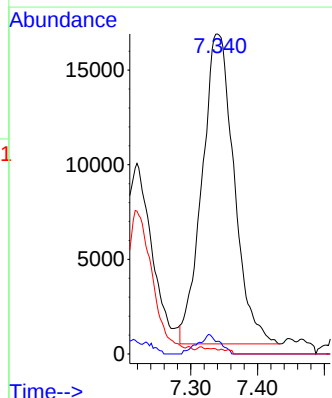
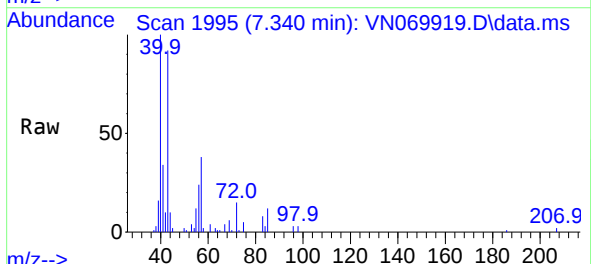
Instrument :
MSVOA_N
ClientSampleId :
MW-2

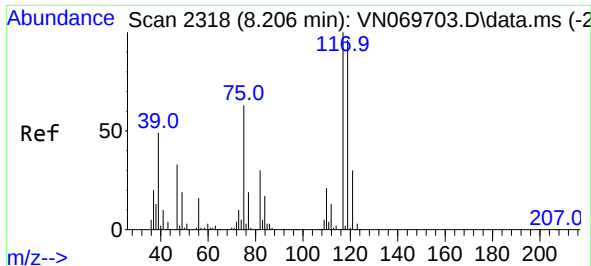
Tgt Ion: 75 Resp: 106735
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.730 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.075 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 43 Resp: 54464
Ion Ratio Lower Upper
43 100
61 4.3 11.5 17.3#
70 0.0 7.9 11.9#

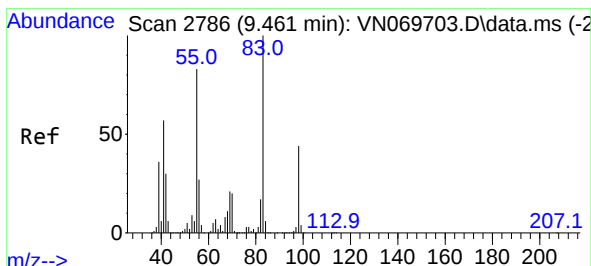
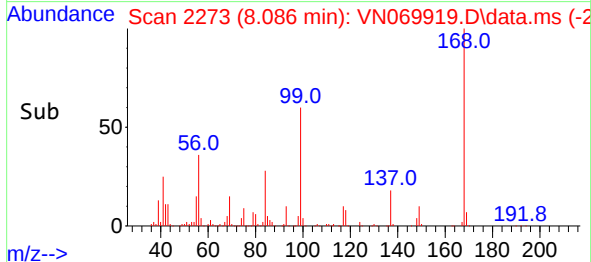
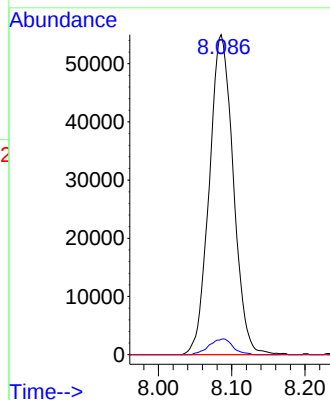
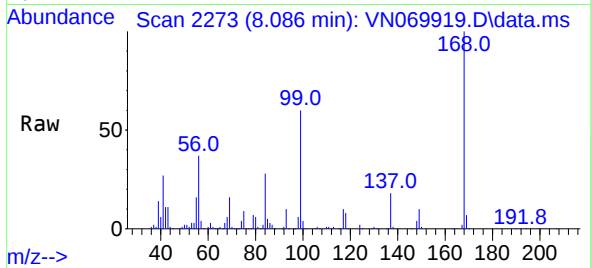




#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

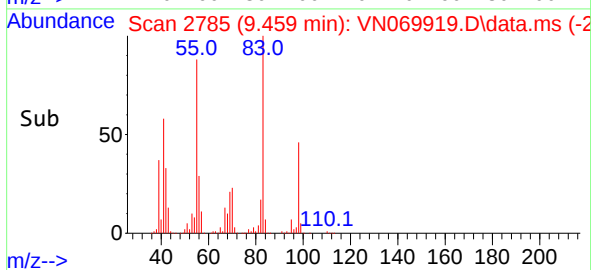
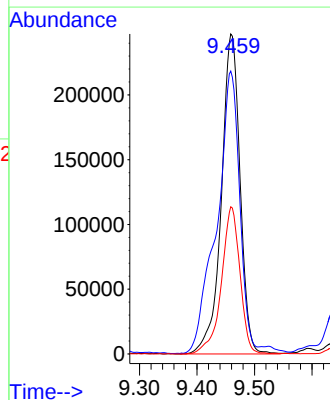
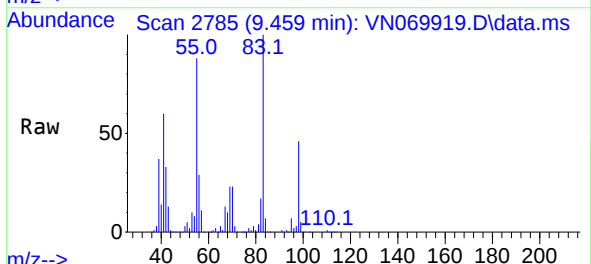
Instrument :
MSVOA_N
ClientSampleId :
MW-2

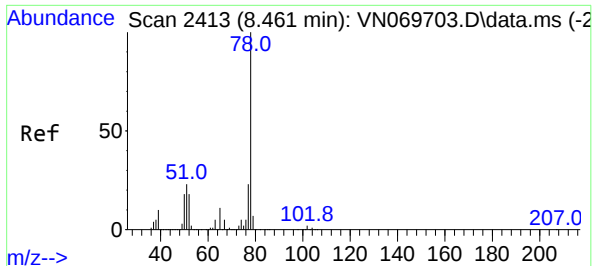
Tgt Ion:117 Resp: 125389
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 22.204 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 83 Resp: 558782
Ion Ratio Lower Upper
83 100
55 88.3 58.1 87.1#
98 46.0 38.4 57.6

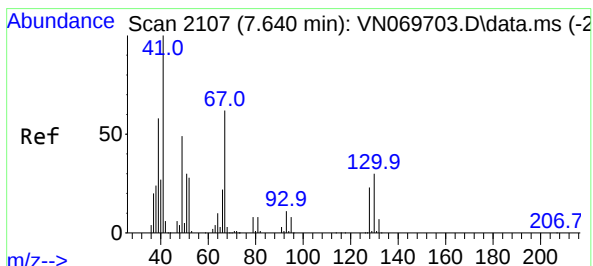
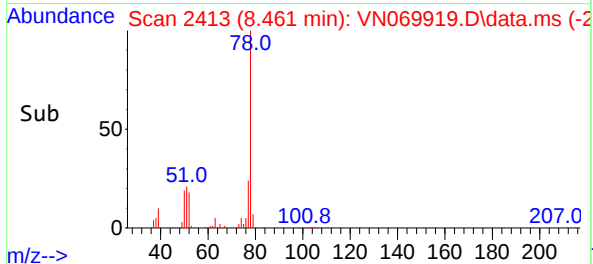
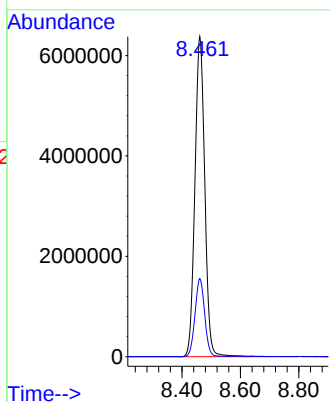
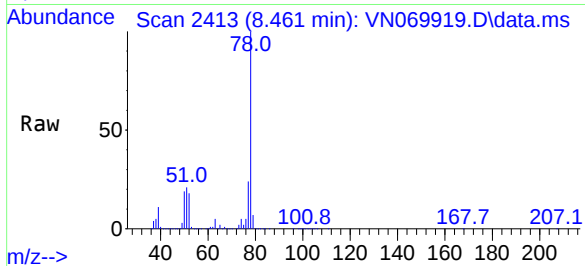




#40
Benzene
Concen: 231.242 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

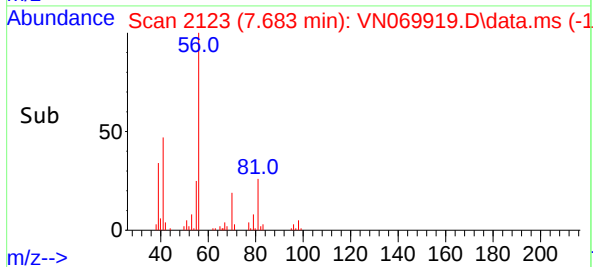
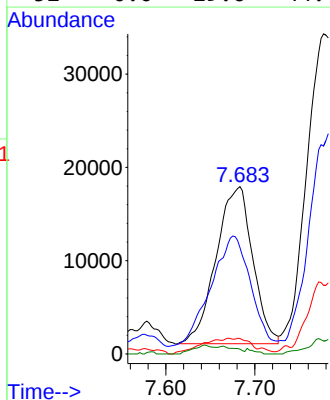
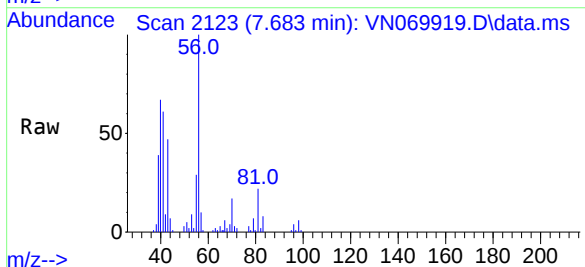
Instrument :
MSVOA_N
ClientSampleId :
MW-2

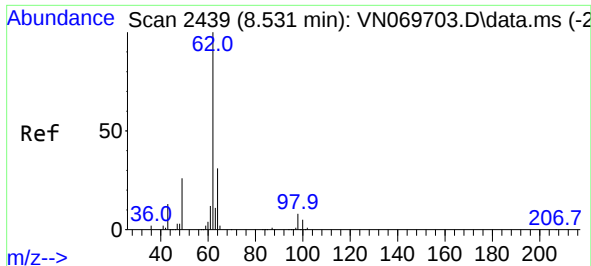
Tgt Ion: 78 Resp:14954261
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8



#41
Methacrylonitrile
Concen: 3.253 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.043 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 41 Resp: 48093
Ion Ratio Lower Upper
41 100
39 74.1 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 5.742 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN069919.D

Acq: 9 Dec 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

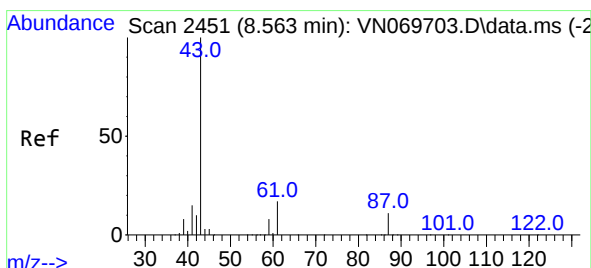
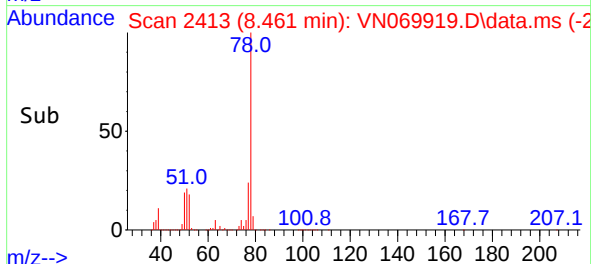
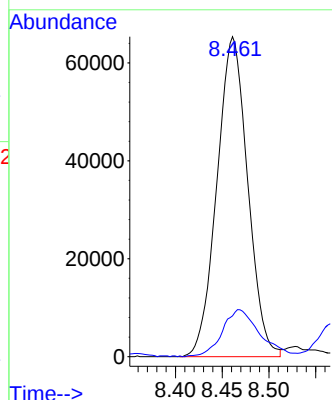
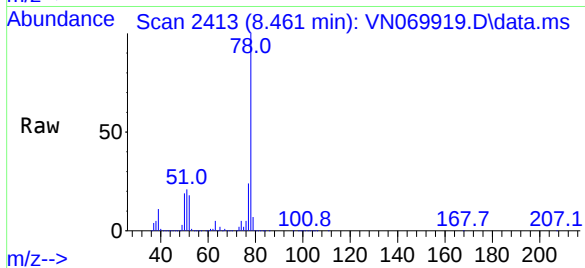
MW-2

Tgt Ion: 62 Resp: 149903

Ion Ratio Lower Upper

62 100

98 18.0 0.0 17.6#



#43

Isopropyl Acetate

Concen: 2.959 ug/l

RT: 8.555 min Scan# 2448

Delta R.T. -0.008 min

Lab File: VN069919.D

Acq: 9 Dec 2021 18:28

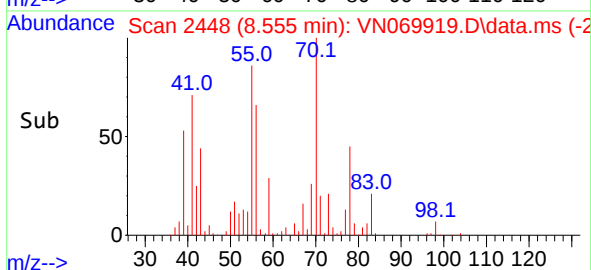
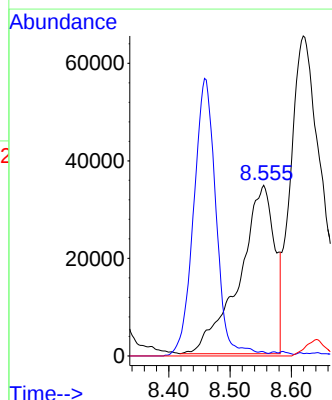
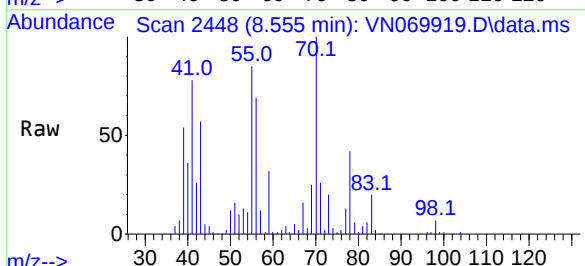
Tgt Ion: 43 Resp: 137887

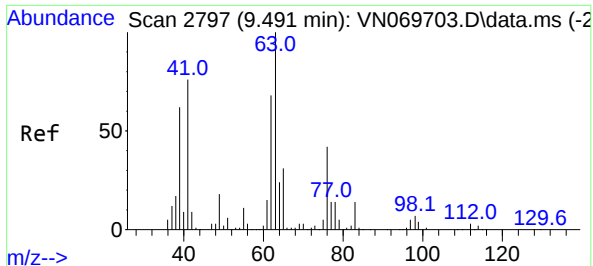
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#

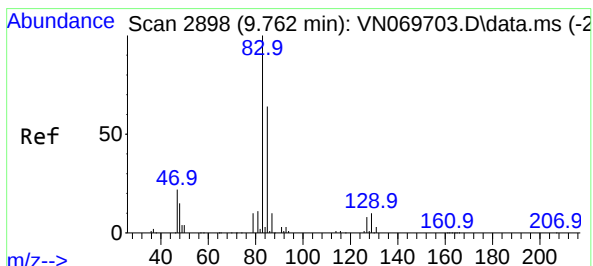
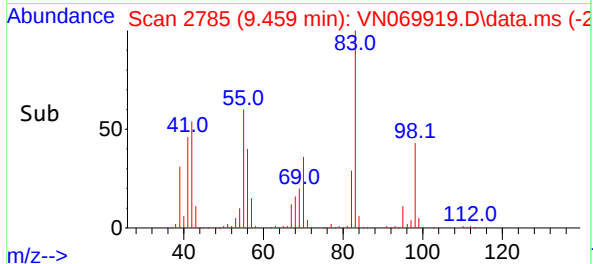
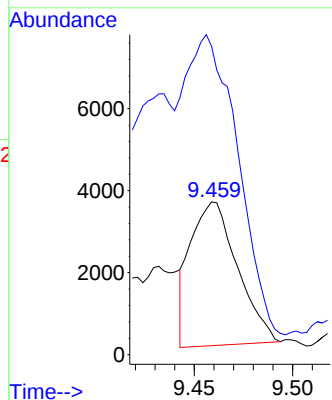
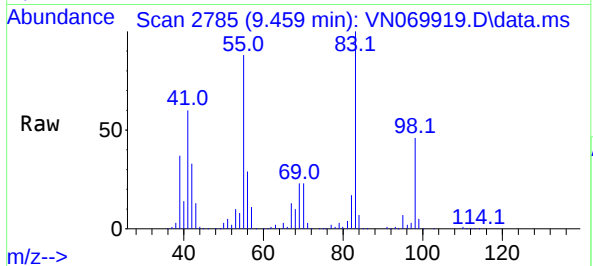




#45
1,2-Dichloropropane
Concen: 0.333 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.032 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

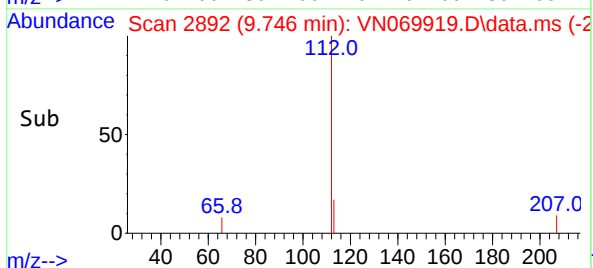
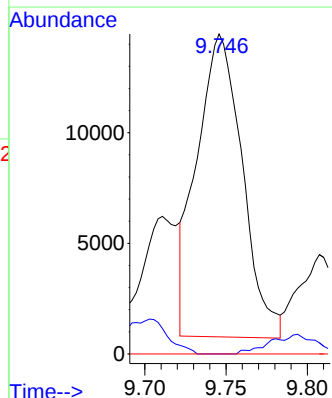
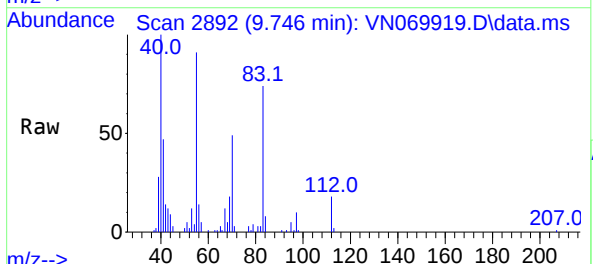
Instrument :
MSVOA_N
ClientSampleId :
MW-2

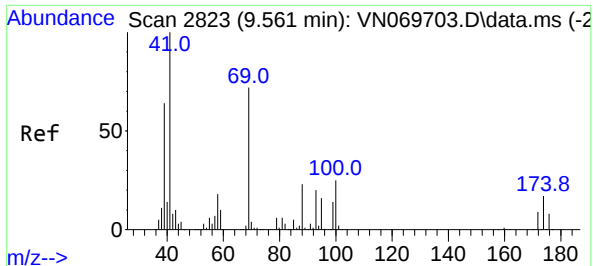
Tgt Ion: 63 Resp: 5789
Ion Ratio Lower Upper
63 100
65 205.5 24.7 37.1#



#47
Bromodichloromethane
Concen: 1.228 ug/l
RT: 9.746 min Scan# 2892
Delta R.T. -0.016 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 83 Resp: 26487
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

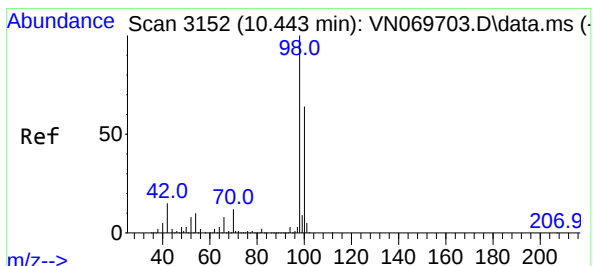
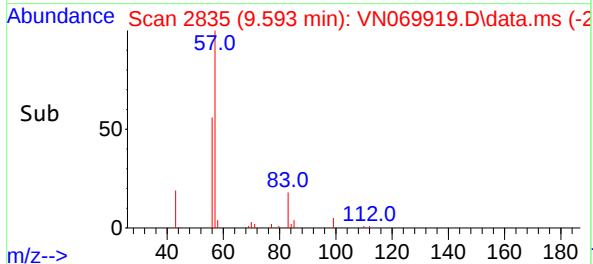
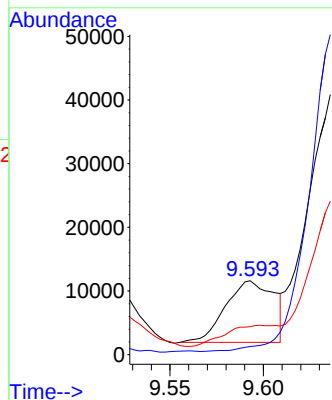
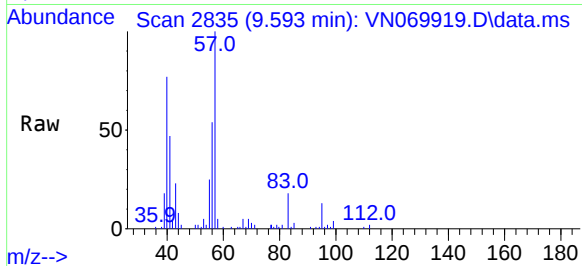




#48
Methyl methacrylate
Concen: 0.805 ug/l
RT: 9.593 min Scan# 21
Delta R.T. 0.032 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

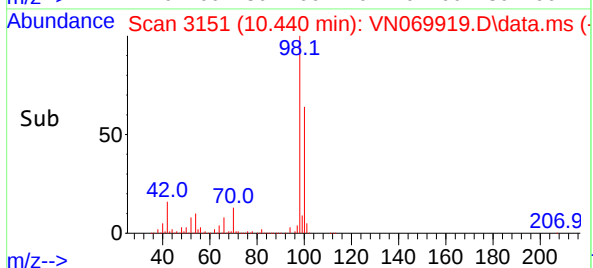
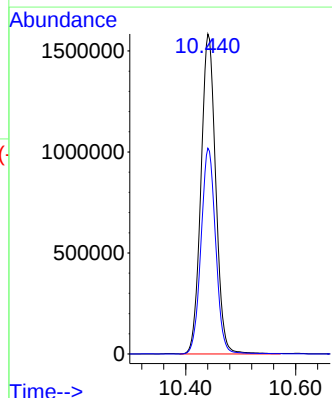
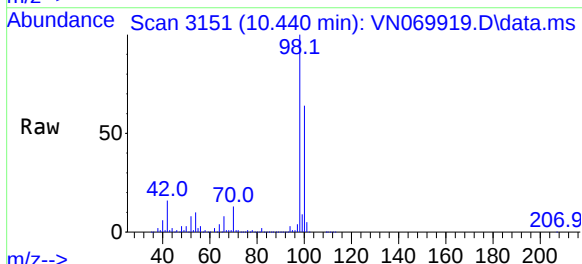
Instrument :
MSVOA_N
ClientSampleId :
MW-2

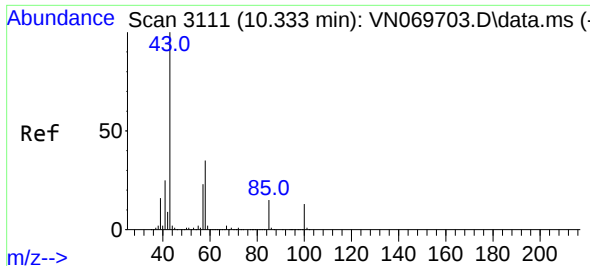
Tgt Ion: 41 Resp: 17497
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 52.762 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 98 Resp: 2949241
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

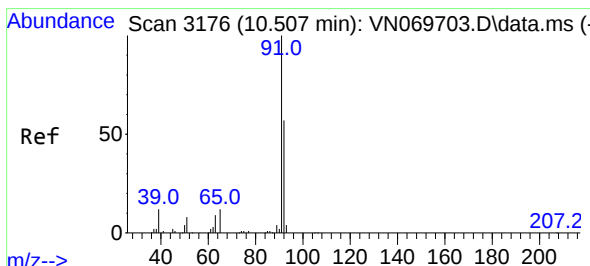
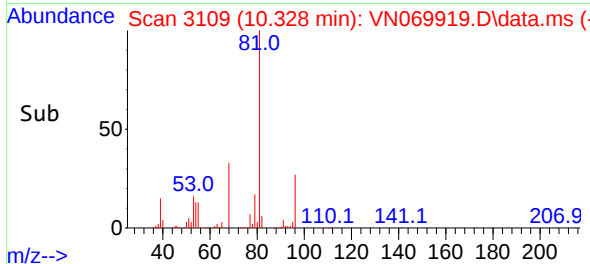
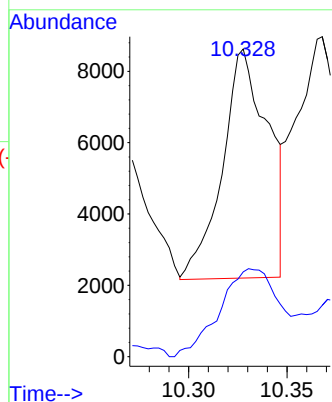
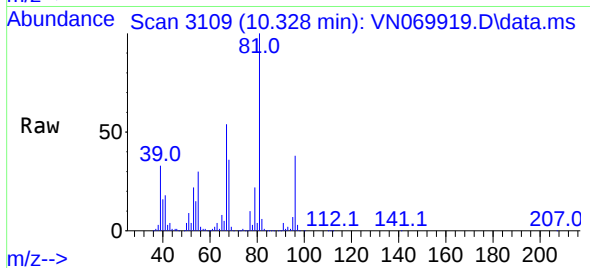




#51
4-Methyl-2-Pentanone
Concen: 0.343 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

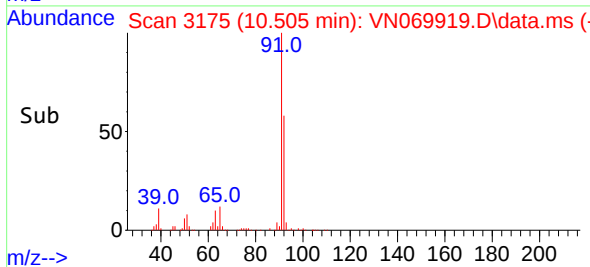
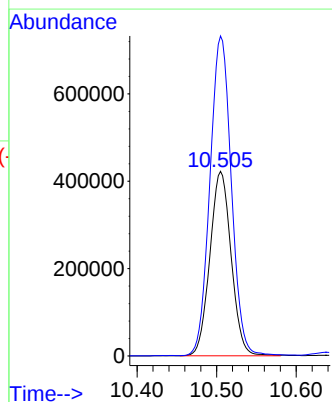
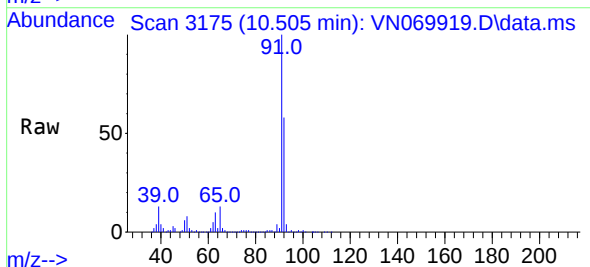
Instrument :
MSVOA_N
ClientSampleId :
MW-2

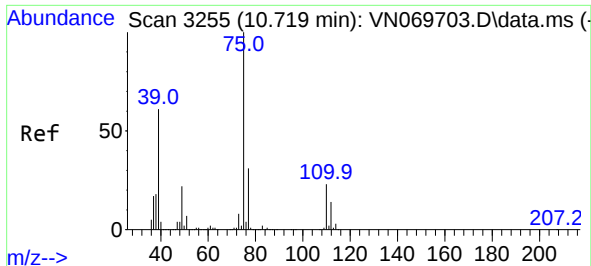
Tgt Ion: 43 Resp: 10363
Ion Ratio Lower Upper
43 100
58 51.0 30.4 45.6#



#52
Toluene
Concen: 19.842 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 92 Resp: 783385
Ion Ratio Lower Upper
92 100
91 174.6 142.0 213.0

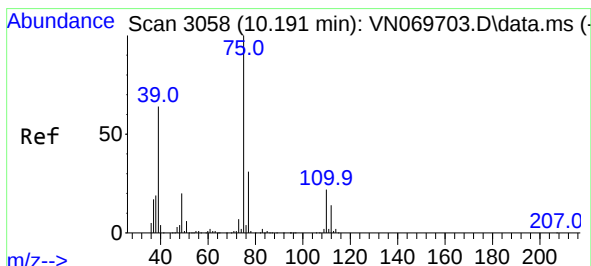
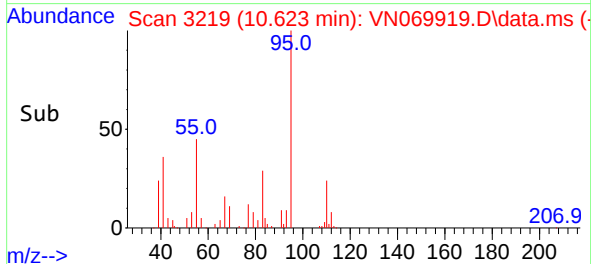
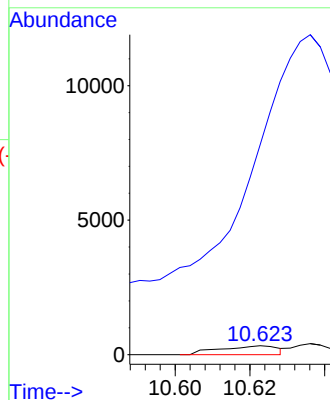
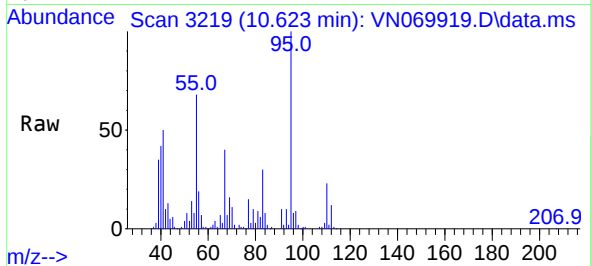




#53
t-1,3-Dichloropropene
Concen: 2.807 ug/l
RT: 10.623 min Scan# 31
Delta R.T. -0.096 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

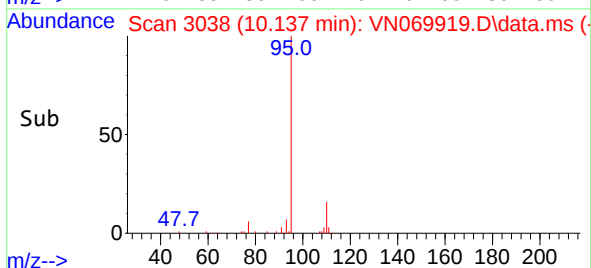
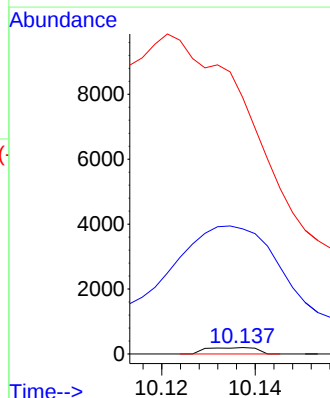
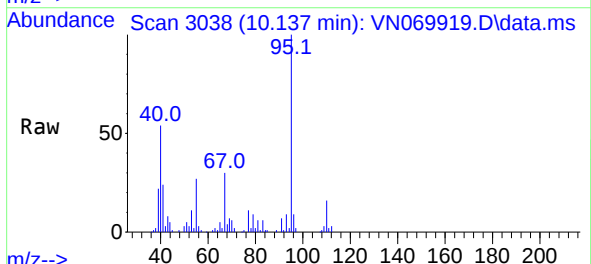
Instrument :
MSVOA_N
ClientSampleId :
MW-2

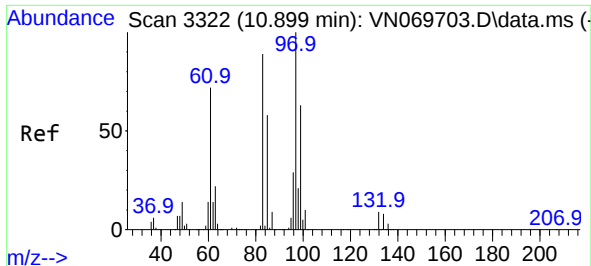
Tgt Ion: 75 Resp: 356
Ion Ratio Lower Upper
75 100
77 1368.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.004 ug/l
RT: 10.137 min Scan# 3038
Delta R.T. -0.054 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
77 606.2 26.4 39.6#
39 1444.1 42.5 63.7#

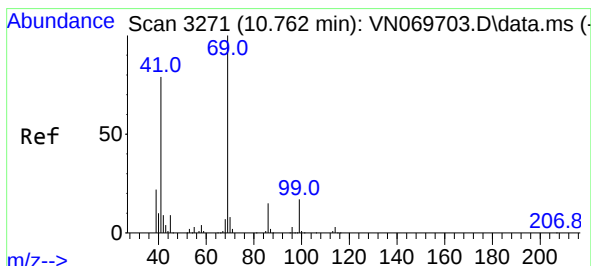
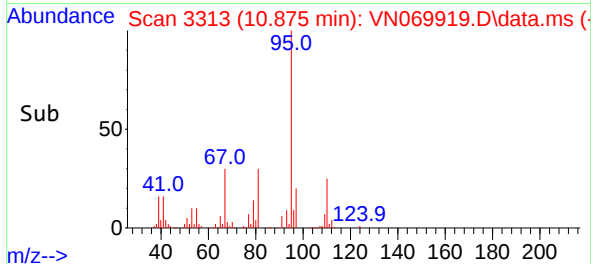
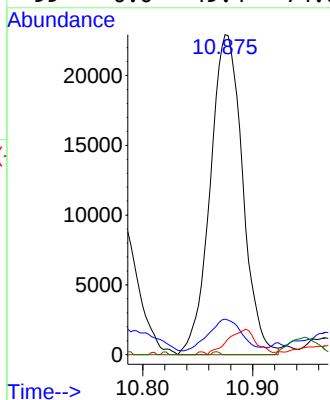
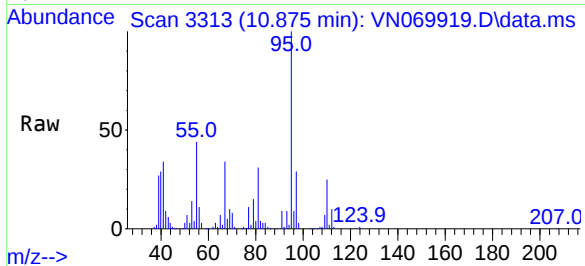




#55
1,1,2-Trichloroethane
Concen: 2.942 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

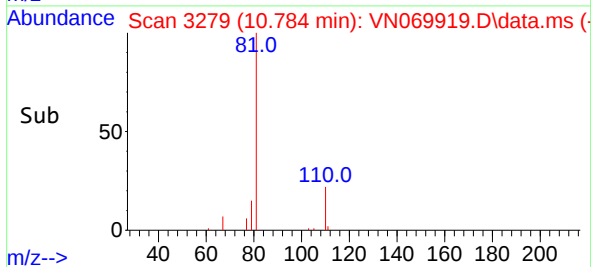
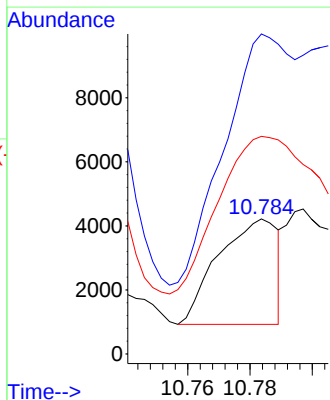
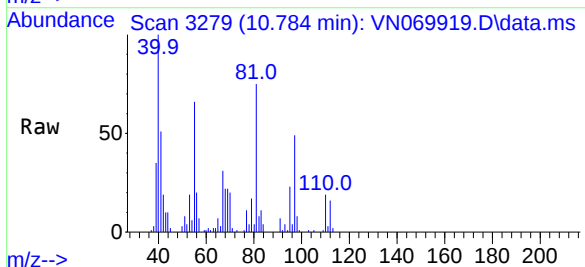
Instrument :
MSVOA_N
ClientSampleId :
MW-2

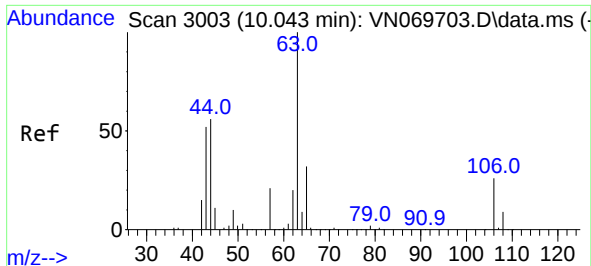
Tgt Ion:	97	Resp:	46873
Ion	Ratio	Lower	Upper
97	100		
83	9.7	67.8	101.6#
85	3.8	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 2.418 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.022 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:	69	Resp:	4361
Ion	Ratio	Lower	Upper
69	100		
41	269.7	51.4	77.0#
39	292.2	34.6	52.0#

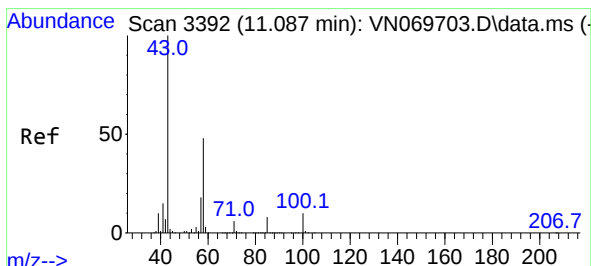
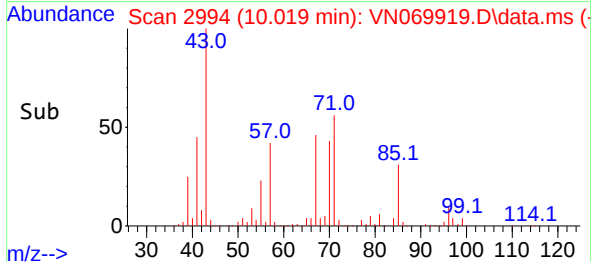
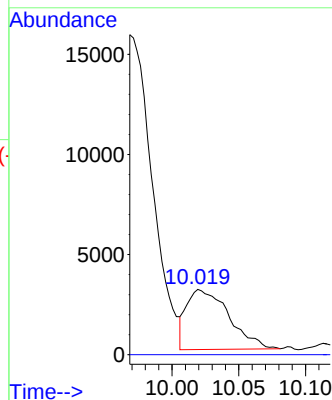
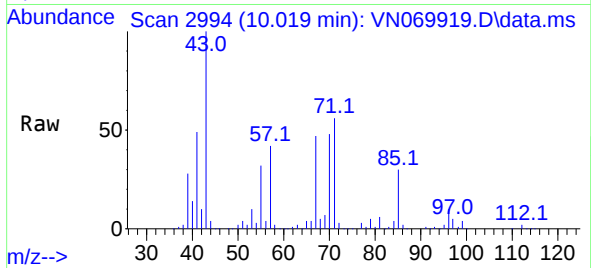




#58
2-Chloroethyl Vinyl ether
Concen: 19.142 ug/l
RT: 10.019 min Scan# 24
Delta R.T. -0.024 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

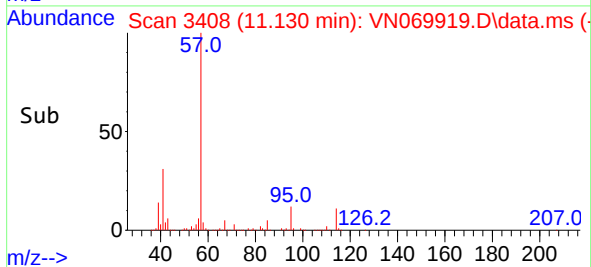
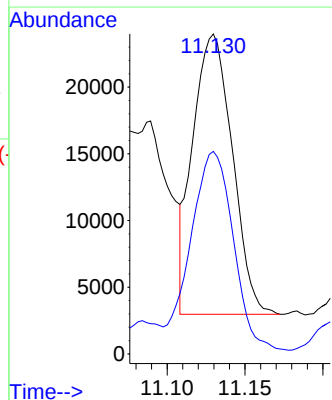
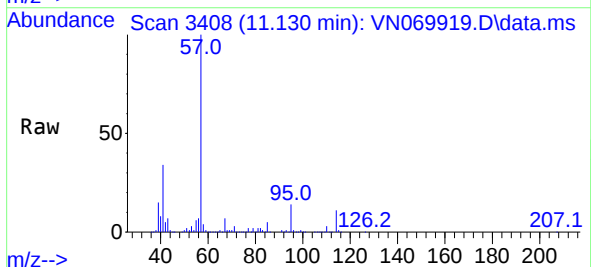
Instrument :
MSVOA_N
ClientSampleId :
MW-2

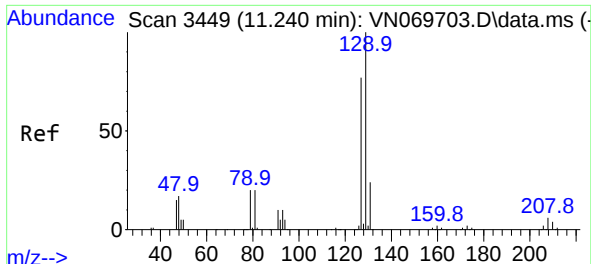
Tgt Ion: 63 Resp: 6595
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.618 ug/l
RT: 11.130 min Scan# 3408
Delta R.T. 0.043 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 43 Resp: 37004
Ion Ratio Lower Upper
43 100
58 79.4 26.9 80.7

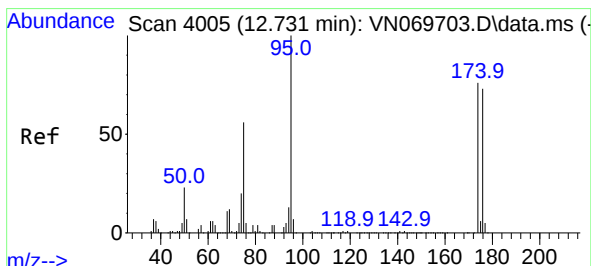
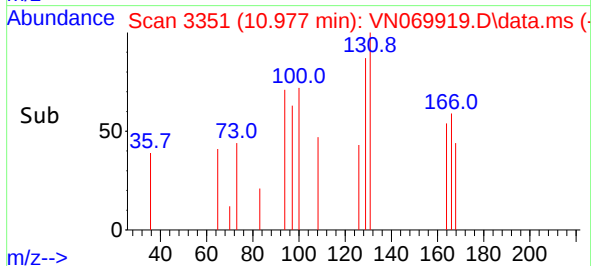
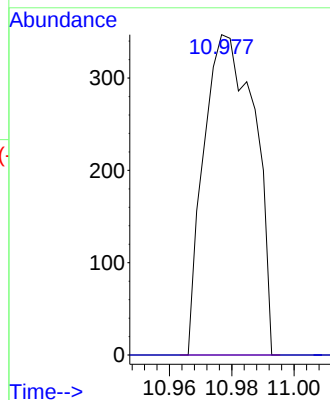
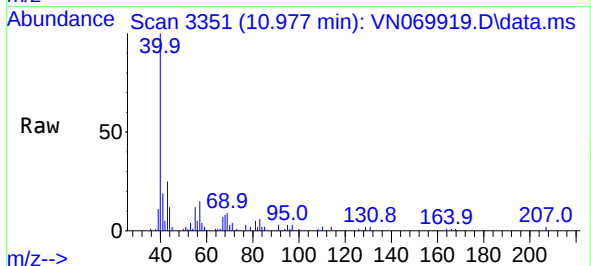




#60
Dibromochloromethane
Concen: 2.398 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

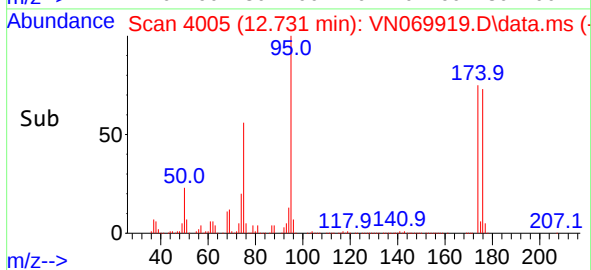
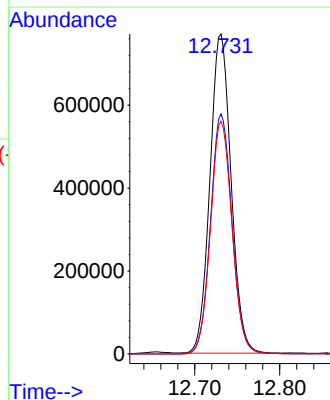
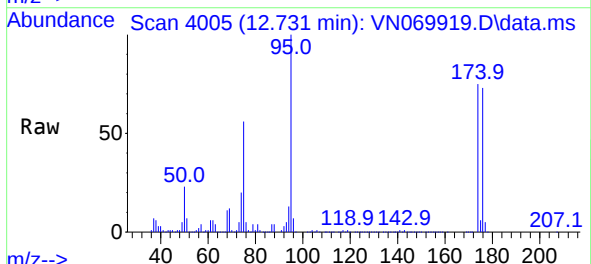
Instrument :
MSVOA_N
ClientSampleId :
MW-2

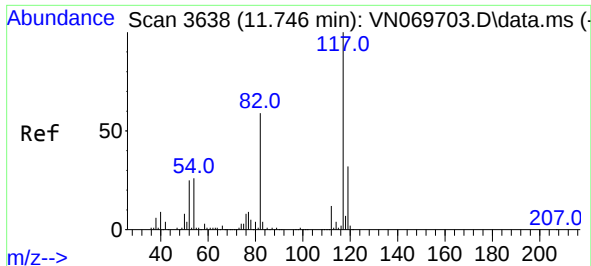
Tgt Ion:129 Resp: 393
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 65.678 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 95 Resp: 1330013
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.2 0.0 181.4



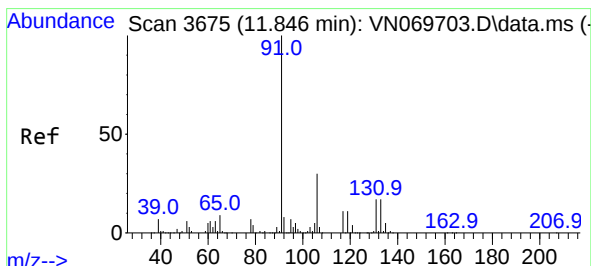
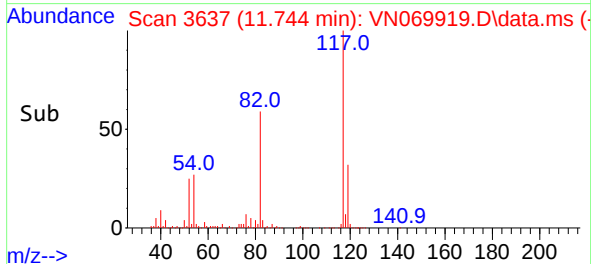
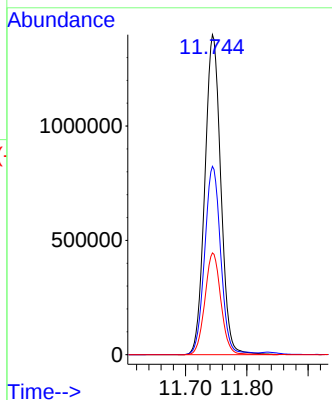
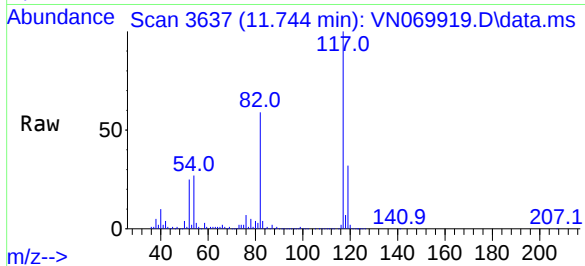


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 2532644

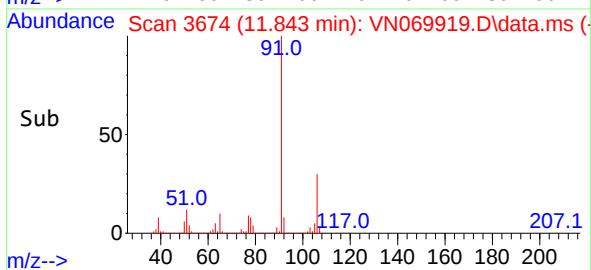
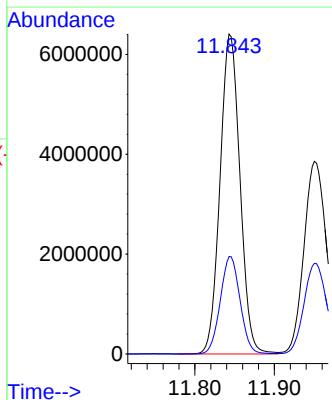
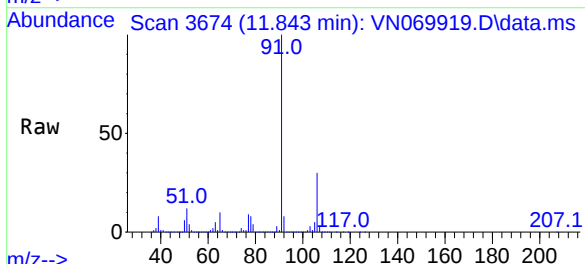
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	31.8	25.4	38.2

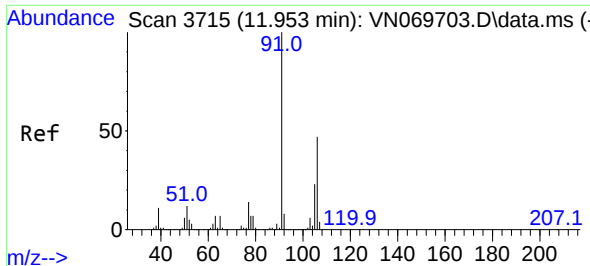


#67
Ethyl Benzene
Concen: 119.432 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 91 Resp:11146632

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.7	38.5

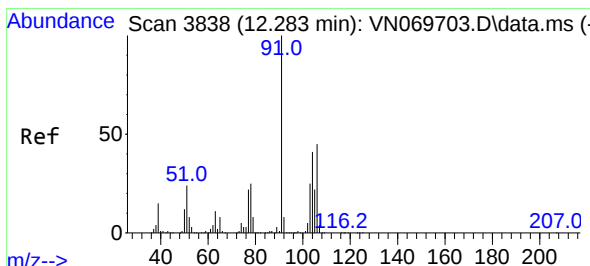
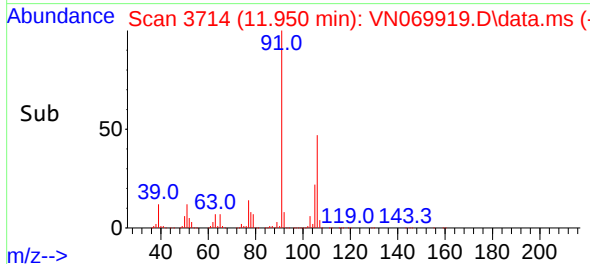
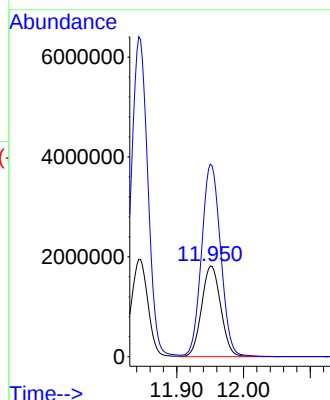
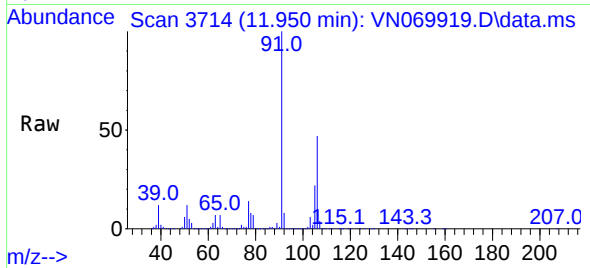




#68
m/p-Xylenes
Concen: 106.371 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

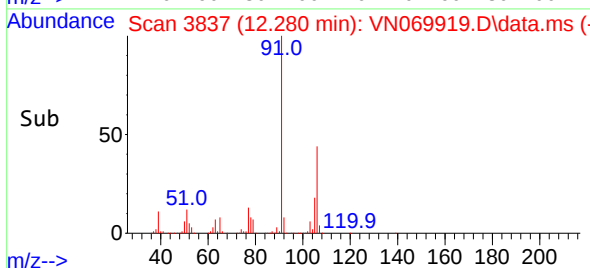
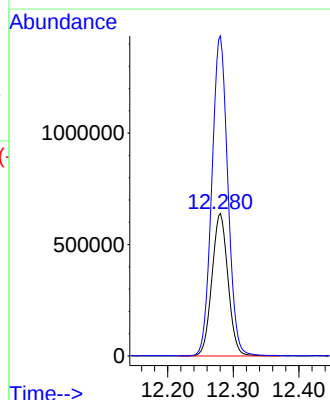
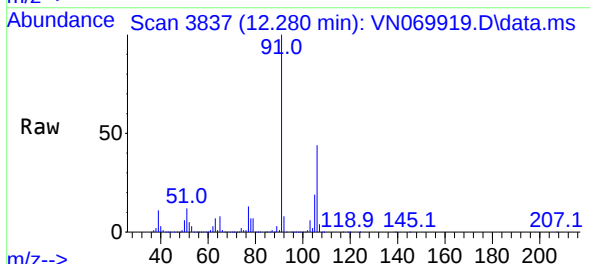
Instrument :
MSVOA_N
ClientSampleId :
MW-2

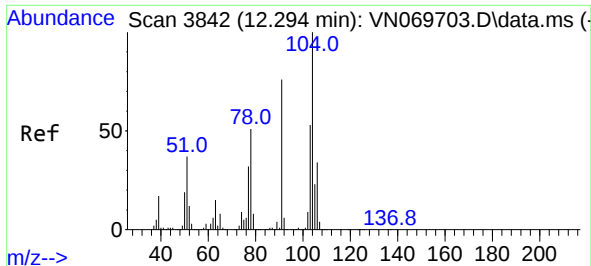
Tgt Ion:106 Resp: 3614720
Ion Ratio Lower Upper
106 100
91 212.2 160.6 240.8



#69
o-Xylene
Concen: 31.702 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:106 Resp: 1085155
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

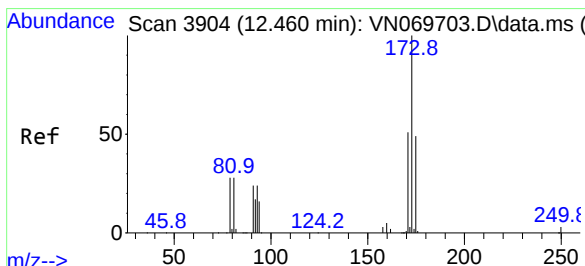
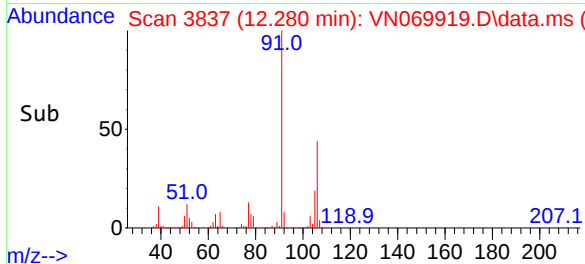
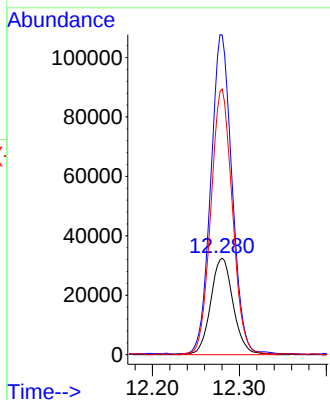
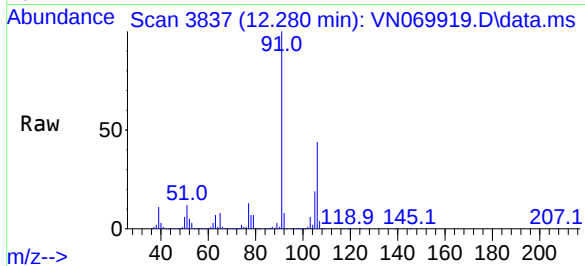




#70
Styrene
Concen: 1.078 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

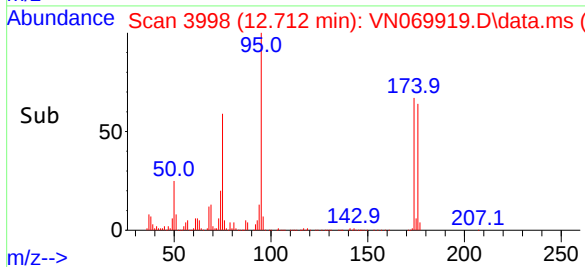
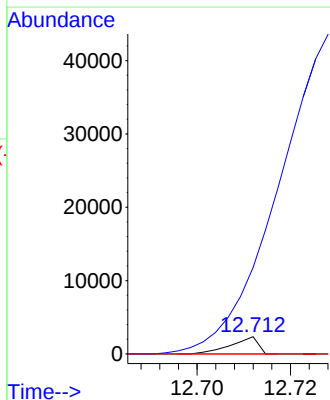
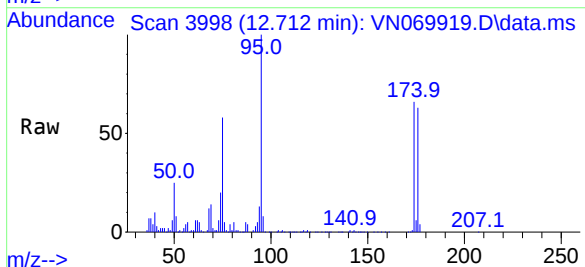
Instrument :
MSVOA_N
ClientSampleId :
MW-2

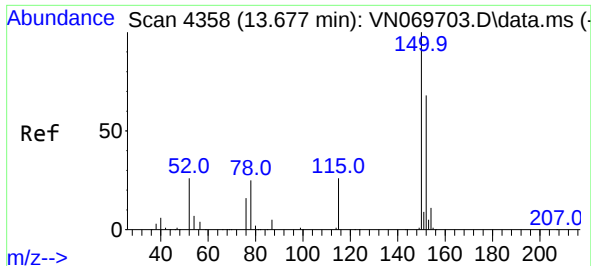
Tgt Ion:104 Resp: 58505
Ion Ratio Lower Upper
104 100
78 315.2 38.7 58.1#
103 261.6 45.0 67.6#



#71
Bromoform
Concen: 2.789 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:173 Resp: 944
Ion Ratio Lower Upper
173 100
175 7956.7 24.2 72.6#
254 0.0 0.0 0.0

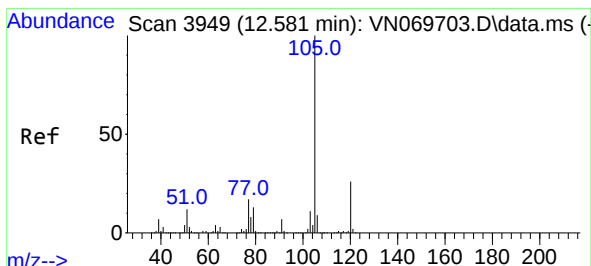
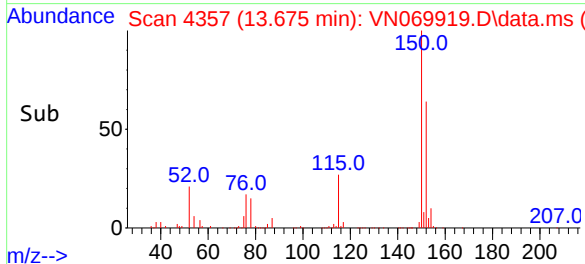
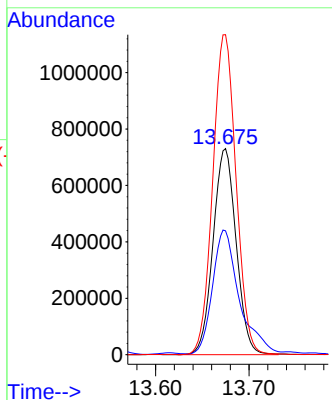
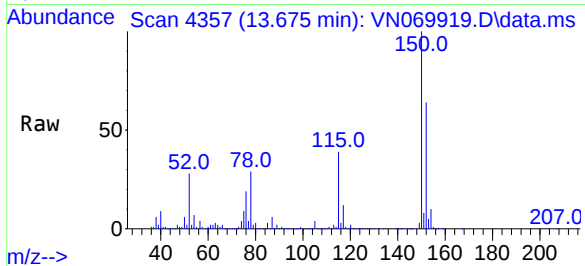




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

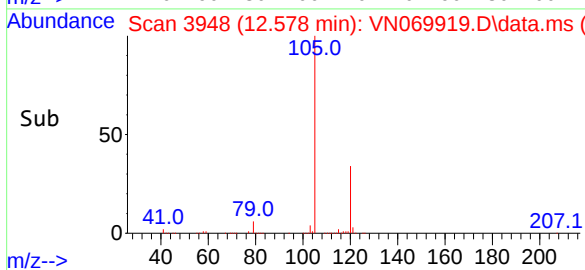
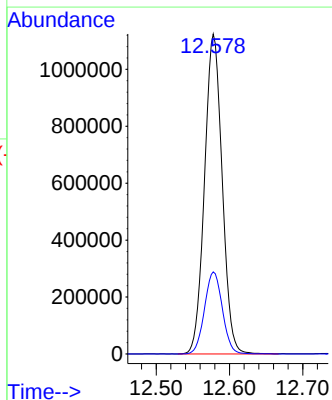
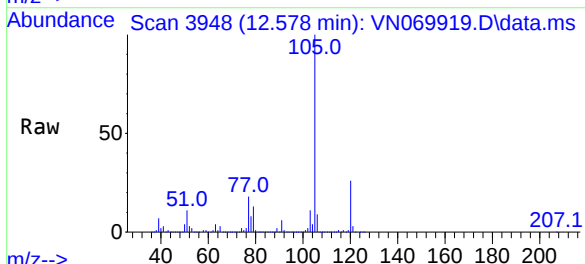
Instrument :
MSVOA_N
ClientSampleId :
MW-2

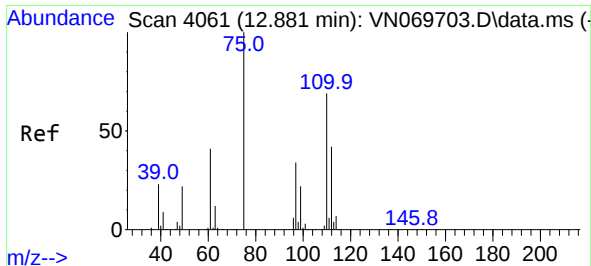
Tgt Ion:152 Resp: 1255618
Ion Ratio Lower Upper
152 100
115 69.8 27.5 82.5
150 157.0 0.0 344.4



#73
Isopropylbenzene
Concen: 16.795 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:105 Resp: 1876218
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

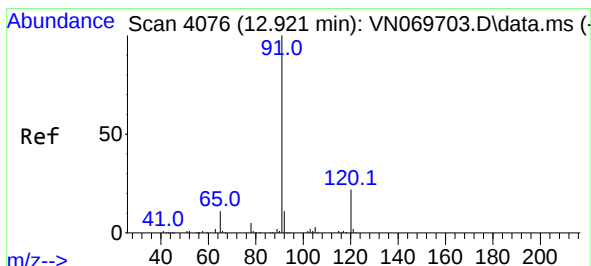
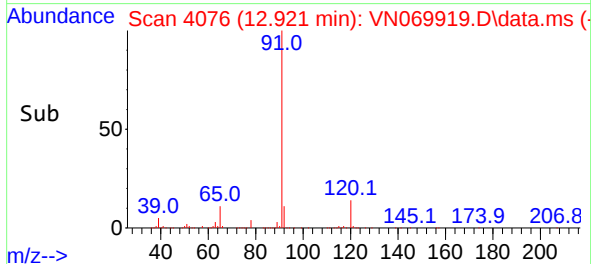
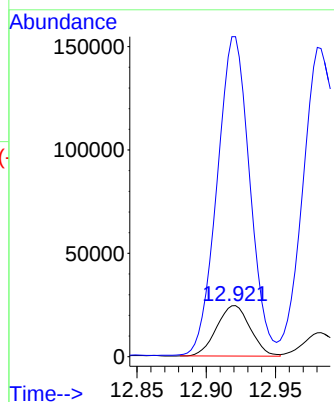
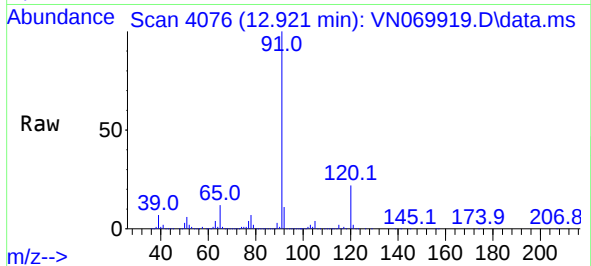




#76
1,2,3-Trichloropropane
Concen: 1.143 ug/l
RT: 12.921 min Scan# 4061
Delta R.T. 0.040 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

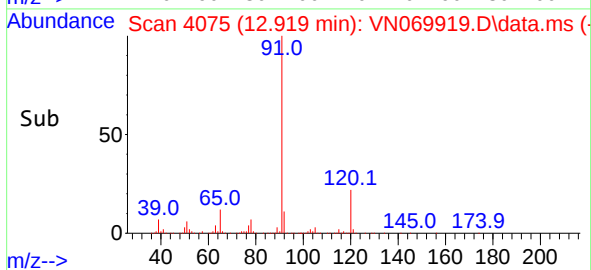
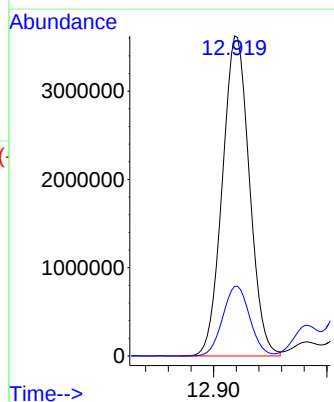
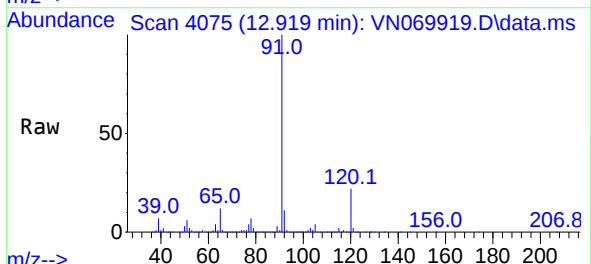
Instrument :
MSVOA_N
ClientSampleId :
MW-2

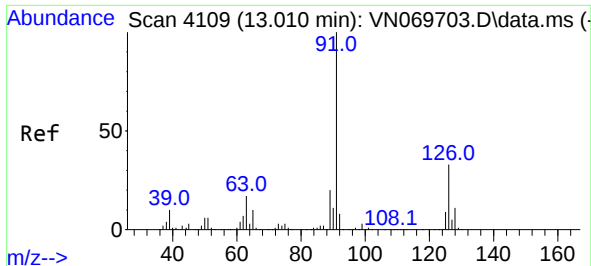
Tgt Ion: 75 Resp: 41155
Ion Ratio Lower Upper
75 100
77 614.3 82.6 247.8#



#78
n-propylbenzene
Concen: 48.253 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 91 Resp: 5998543
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

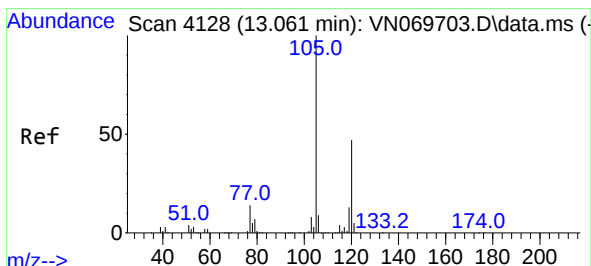
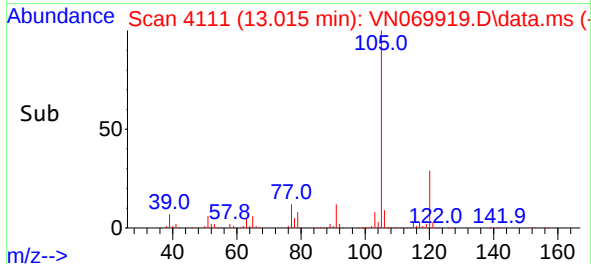
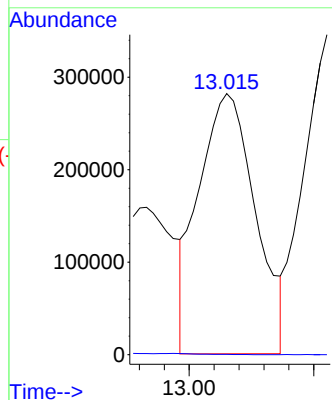
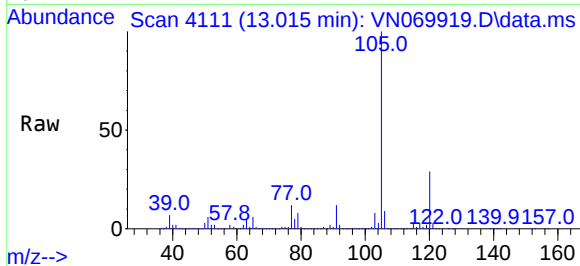




#79
2-Chlorotoluene
Concen: 5.675 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

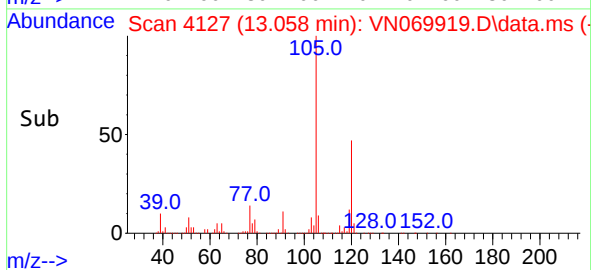
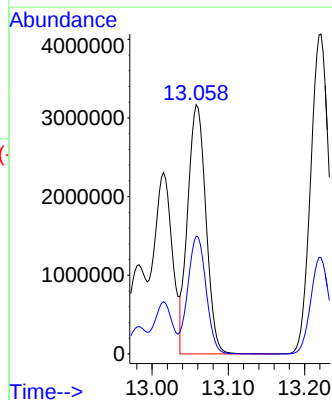
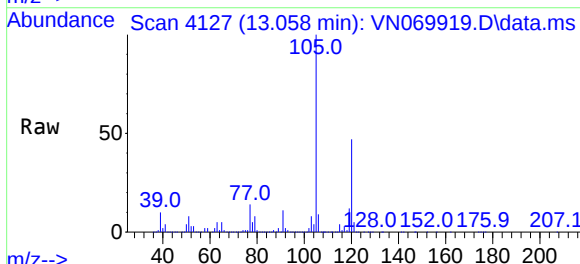
Instrument :
MSVOA_N
ClientSampleId :
MW-2

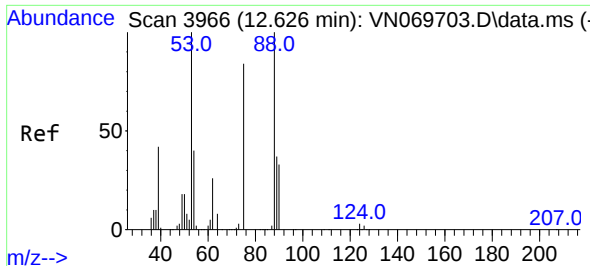
Tgt Ion: 91 Resp: 445761
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 58.314 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 105 Resp: 5243462
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6

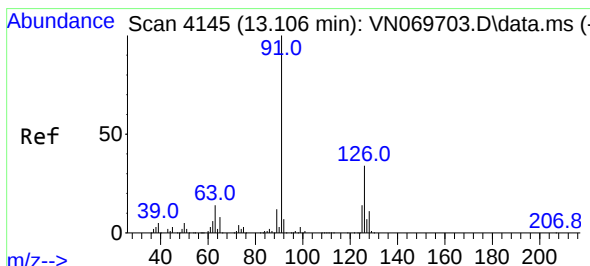
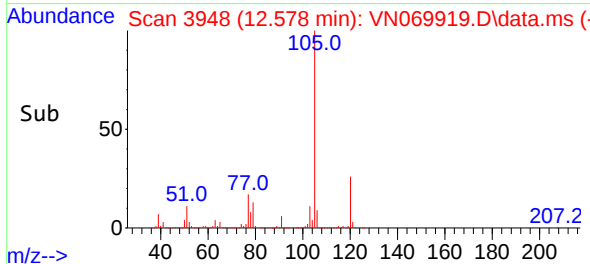
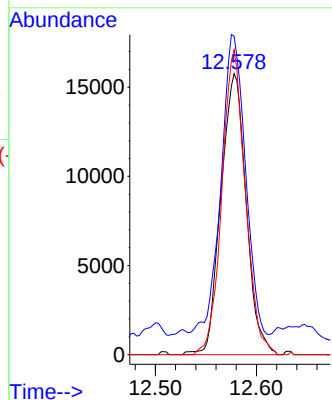
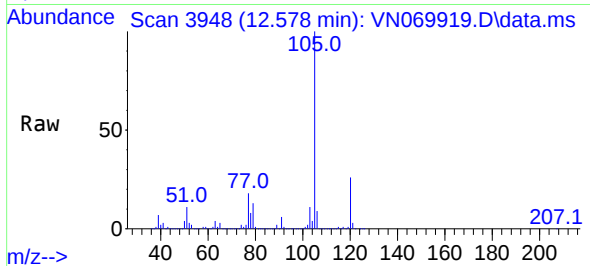




#81
trans-1,4-Dichloro-2-butene
Concen: 6.341 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

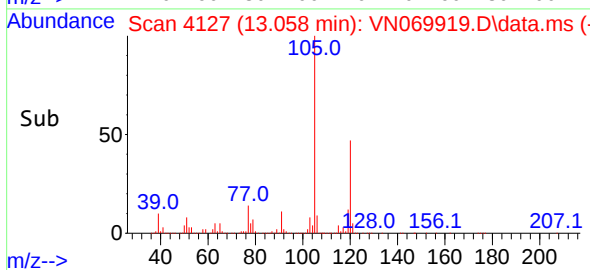
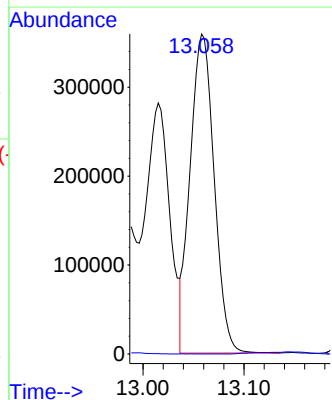
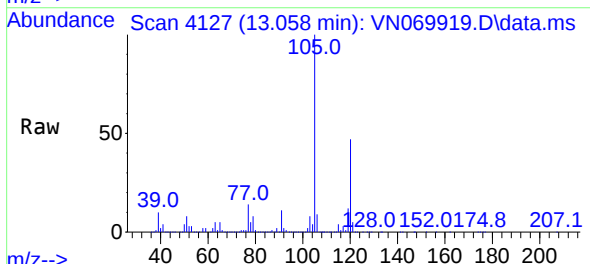
Instrument :
MSVOA_N
ClientSampleId :
MW-2

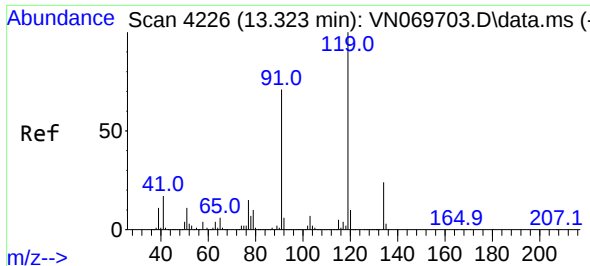
Tgt Ion: 75 Resp: 27304
Ion Ratio Lower Upper
75 100
53 102.3 90.5 135.7
89 101.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 8.021 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 91 Resp: 592508
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

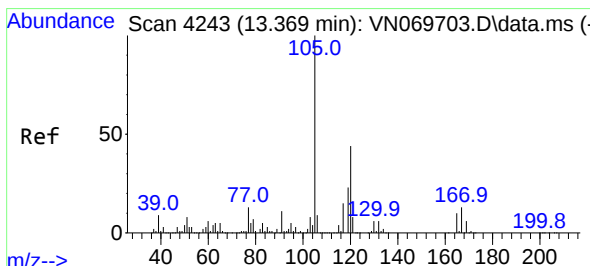
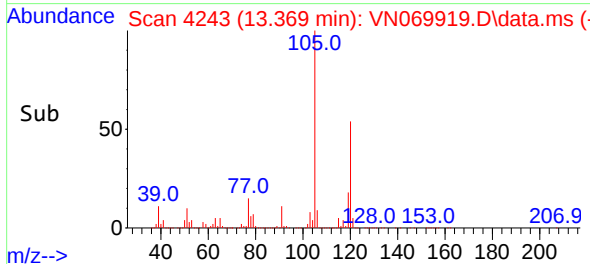
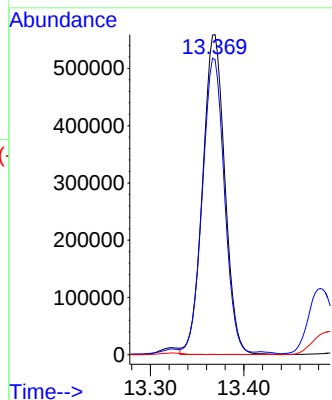
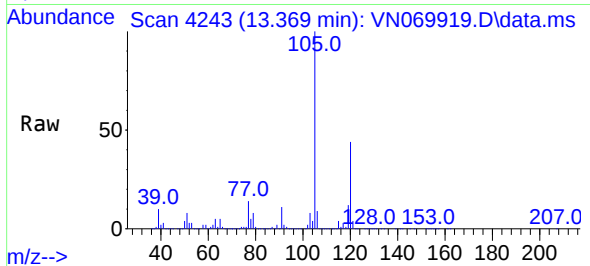




#83
tert-Butylbenzene
Concen: 11.545 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.046 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

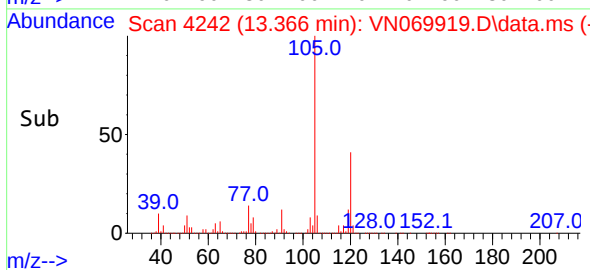
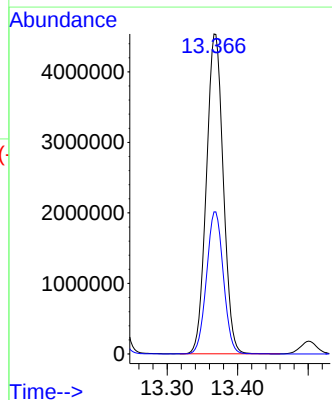
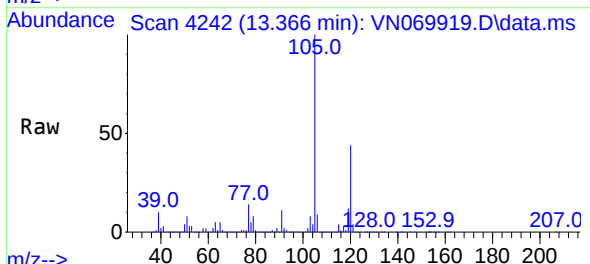
Instrument :
MSVOA_N
ClientSampleId :
MW-2

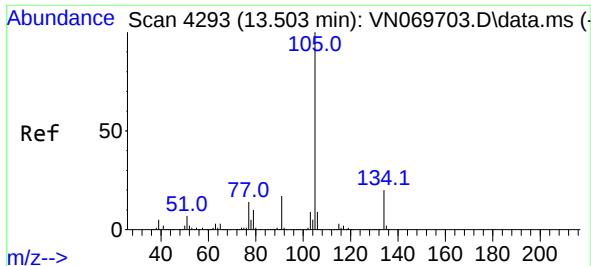
Tgt Ion:119 Resp: 919223
Ion Ratio Lower Upper
119 100
91 90.8 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 87.990 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:105 Resp: 7534923
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4

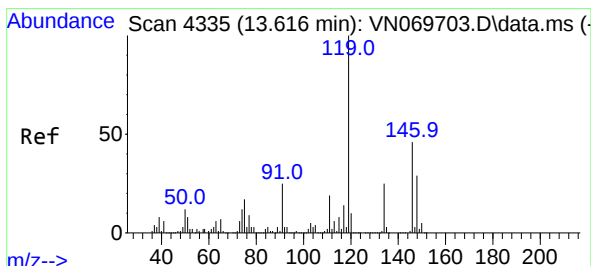
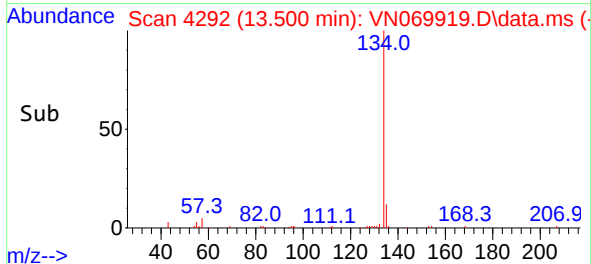
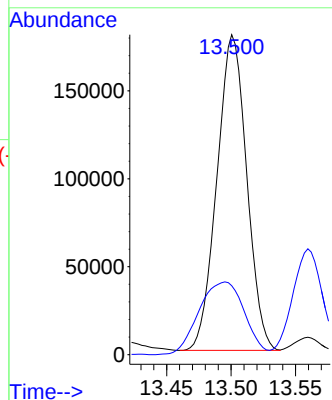
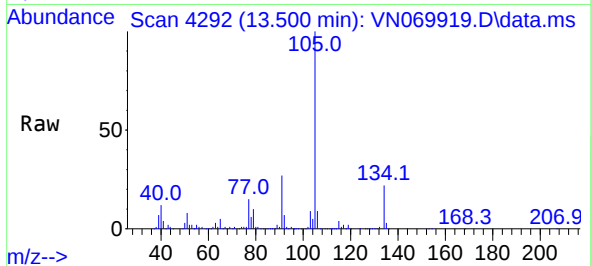




#85
sec-Butylbenzene
Concen: 2.673 ug/l
RT: 13.500 min Scan# 4314
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

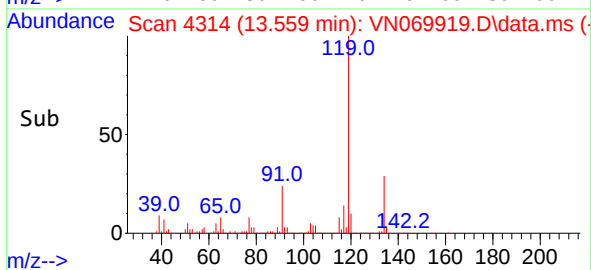
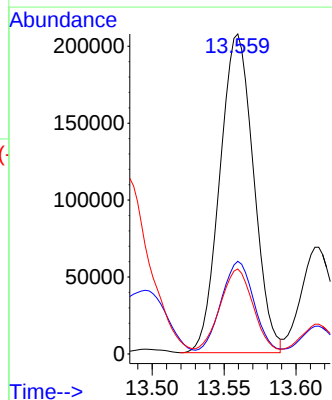
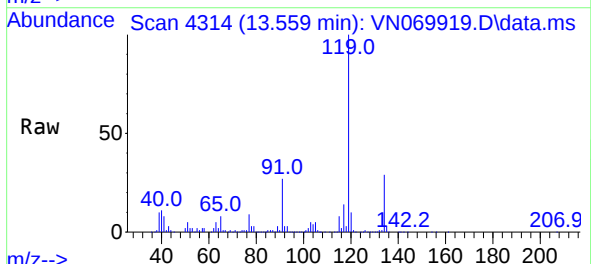
Instrument :
MSVOA_N
ClientSampleId :
MW-2

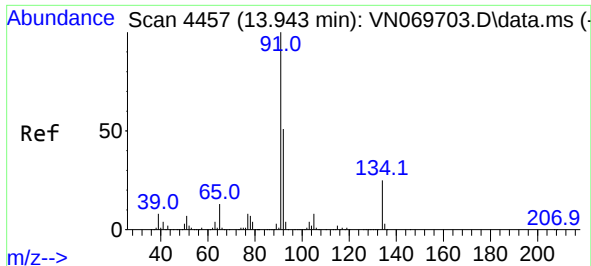
Tgt Ion:105 Resp: 288646
Ion Ratio Lower Upper
105 100
134 35.1 10.4 31.1#



#86
p-Isopropyltoluene
Concen: 4.002 ug/l
RT: 13.559 min Scan# 4314
Delta R.T. -0.056 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:119 Resp: 337845
Ion Ratio Lower Upper
119 100
134 28.6 13.6 40.7
91 23.7 11.4 34.1

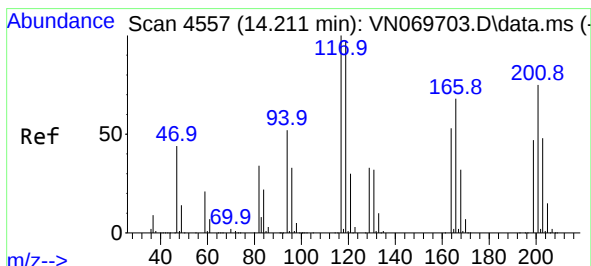
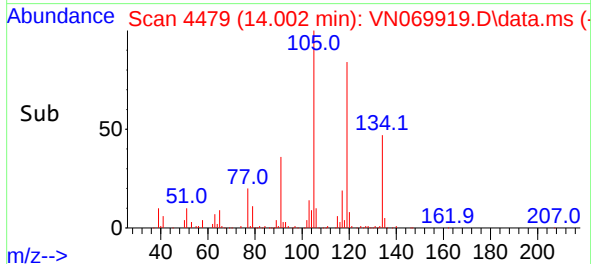
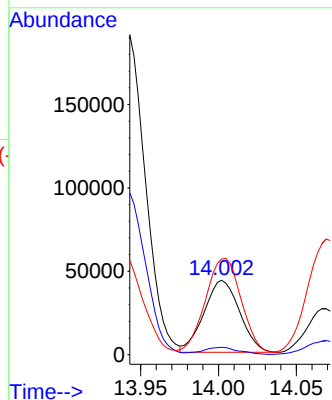
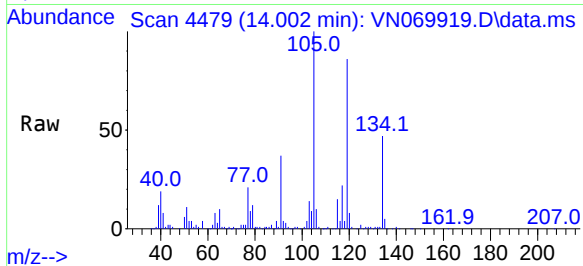




#89
n-Butylbenzene
Concen: 1.003 ug/l
RT: 14.002 min Scan# 4457
Delta R.T. 0.059 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

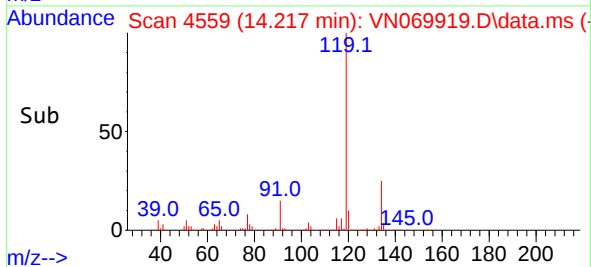
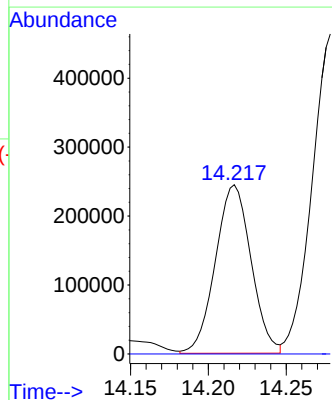
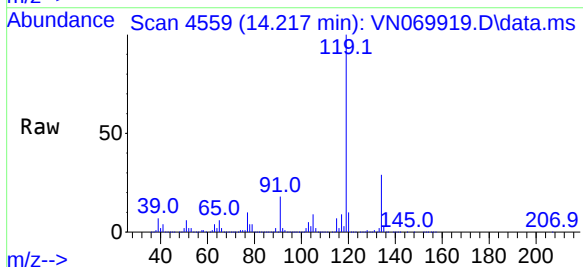
Instrument :
MSVOA_N
ClientSampleId :
MW-2

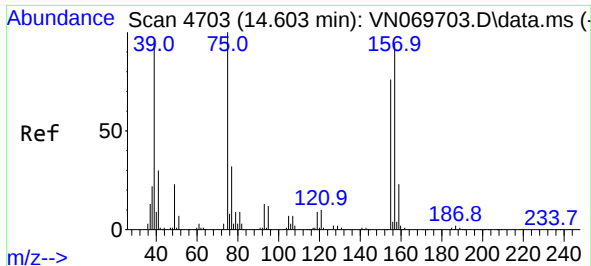
Tgt Ion: 91 Resp: 68687
Ion Ratio Lower Upper
91 100
92 9.4 25.4 76.0#
134 129.0 13.6 40.8#



#90
Hexachloroethane
Concen: 26.262 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion: 117 Resp: 389226
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

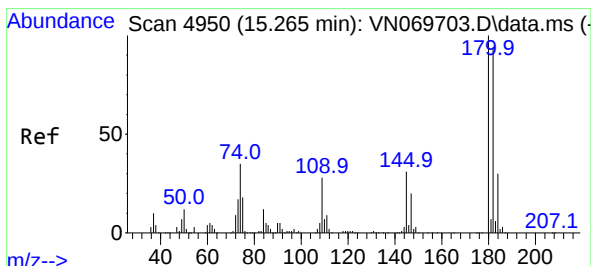
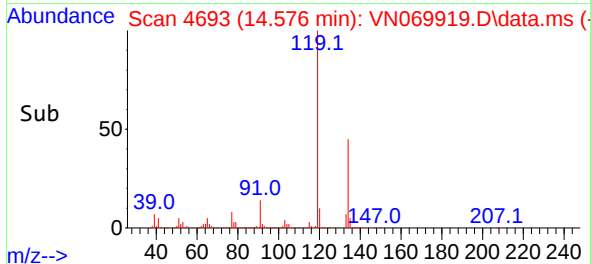
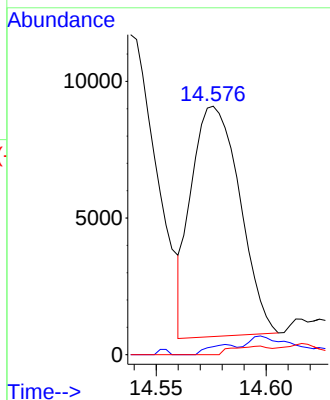
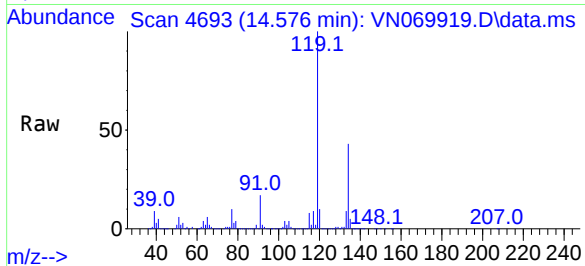




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.847 ug/l
RT: 14.576 min Scan# 41
Delta R.T. -0.027 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

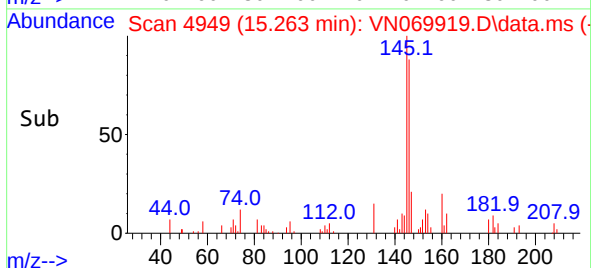
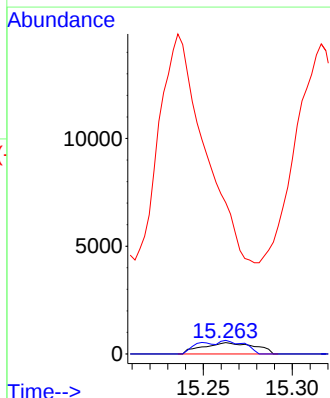
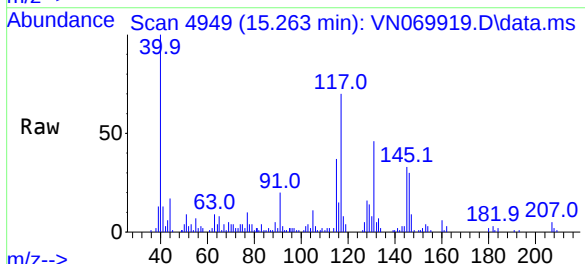
Instrument :
MSVOA_N
ClientSampleId :
MW-2

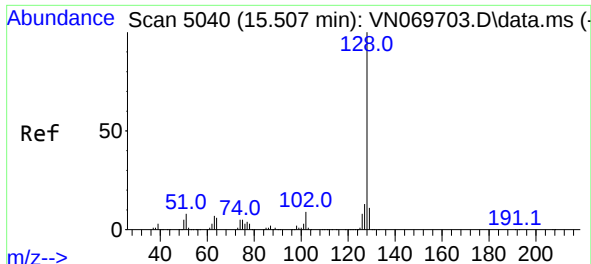
Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
155 2.6 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.927 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:180 Resp: 1066
Ion Ratio Lower Upper
180 100
182 56.8 48.3 144.9
145 0.0 14.5 43.5#

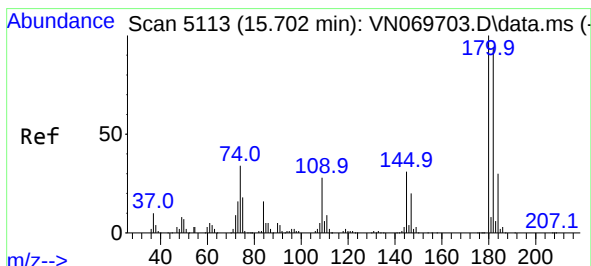
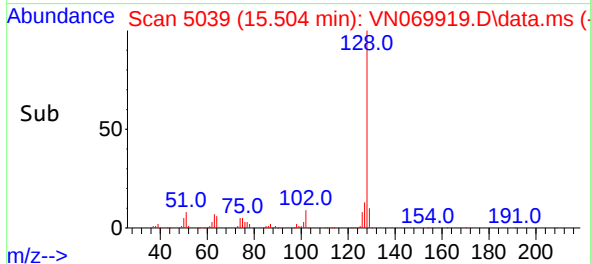
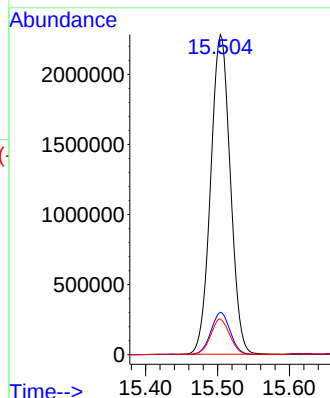
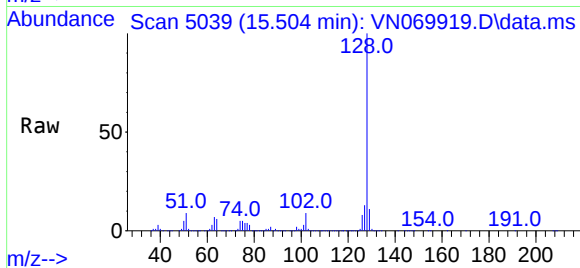




#95
Naphthalene
Concen: 68.851 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 4325013
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.491 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN069919.D
Acq: 9 Dec 2021 18:28

Tgt Ion:180 Resp: 1178
Ion Ratio Lower Upper
180 100
182 63.8 47.4 142.2
145 0.0 15.0 45.1#

