

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069909.D
 Acq On : 9 Dec 2021 14:13
 Operator : JC/MD
 Sample : M4940-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Dec 10 06:14:31 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	1136910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2073122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2319325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	979390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	892703	50.855	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.700%	
35) Dibromofluoromethane	8.024	113	641761	49.421	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.840%	
50) Toluene-d8	10.440	98	2748783	52.718	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.731	95	1153036	61.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 122.080%	

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	52734	3.174	ug/l #	53
5) Bromomethane	2.885	94	1821	0.219	ug/l	96
11) Tert butyl alcohol	5.371	59	824703	248.546	ug/l	100
13) Acrolein	3.993	56	13786	4.879	ug/l #	1
15) Acrylonitrile	5.613	53	30532	3.415	ug/l #	21
16) Acetone	4.288	43	111863	10.594	ug/l	93
17) Carbon Disulfide	4.532	76	30951	1.106	ug/l	97
18) Methyl Acetate	4.862	43	10324	0.324	ug/l #	67
19) Methyl tert-butyl Ether	5.618	73	1165559	27.680	ug/l #	45
22) Diisopropyl ether	6.495	45	94957	1.991	ug/l	88
23) Vinyl Acetate	6.503	43	58607	1.510	ug/l #	72
25) 2-Butanone	7.343	43	37371	2.605	ug/l #	89
30) Chloroform	8.099	83	12157	0.487	ug/l	99
31) Cyclohexane	8.094	56	343504	14.061	ug/l	89
36) 1,1-Dichloropropene	8.086	75	99567	5.045	ug/l #	48
37) Ethyl Acetate	7.343	43	37371	1.272	ug/l #	71
38) Carbon Tetrachloride	8.086	117	114894	5.937	ug/l #	16
39) Methylcyclohexane	9.459	83	198263	8.446	ug/l #	85
40) Benzene	8.461	78	5893625	97.700	ug/l	99
42) 1,2-Dichloroethane	8.461	62	57547	2.363	ug/l	85
43) Isopropyl Acetate	8.536	43	89982	2.070	ug/l #	55
48) Methyl methacrylate	9.636	41	23648	1.166	ug/l #	74
49) 1,4-Dioxane	9.577	88	540	1.484	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	22209	0.788	ug/l	97
52) Toluene	10.505	92	523031	14.202	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	713	2.822	ug/l #	31
54) cis-1,3-Dichloropropene	10.191	75	737	2.027	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	21774	1.465	ug/l #	21
56) Ethyl methacrylate	10.770	69	7712	2.542	ug/l #	36
58) 2-Chloroethyl Vinyl ether	10.102	63	191	18.412	ug/l #	45
59) 2-Hexanone	11.087	43	22434	1.052	ug/l	96
60) Dibromochloromethane	11.234	129	475	2.405	ug/l	90
67) Ethyl Benzene	11.843	91	985120	11.526	ug/l	95
68) m/p-Xylenes	11.953	106	222912	7.163	ug/l	92
69) o-Xylene	12.280	106	146251	4.666	ug/l	92
70) Styrene	12.286	104	13448	0.271	ug/l #	1

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

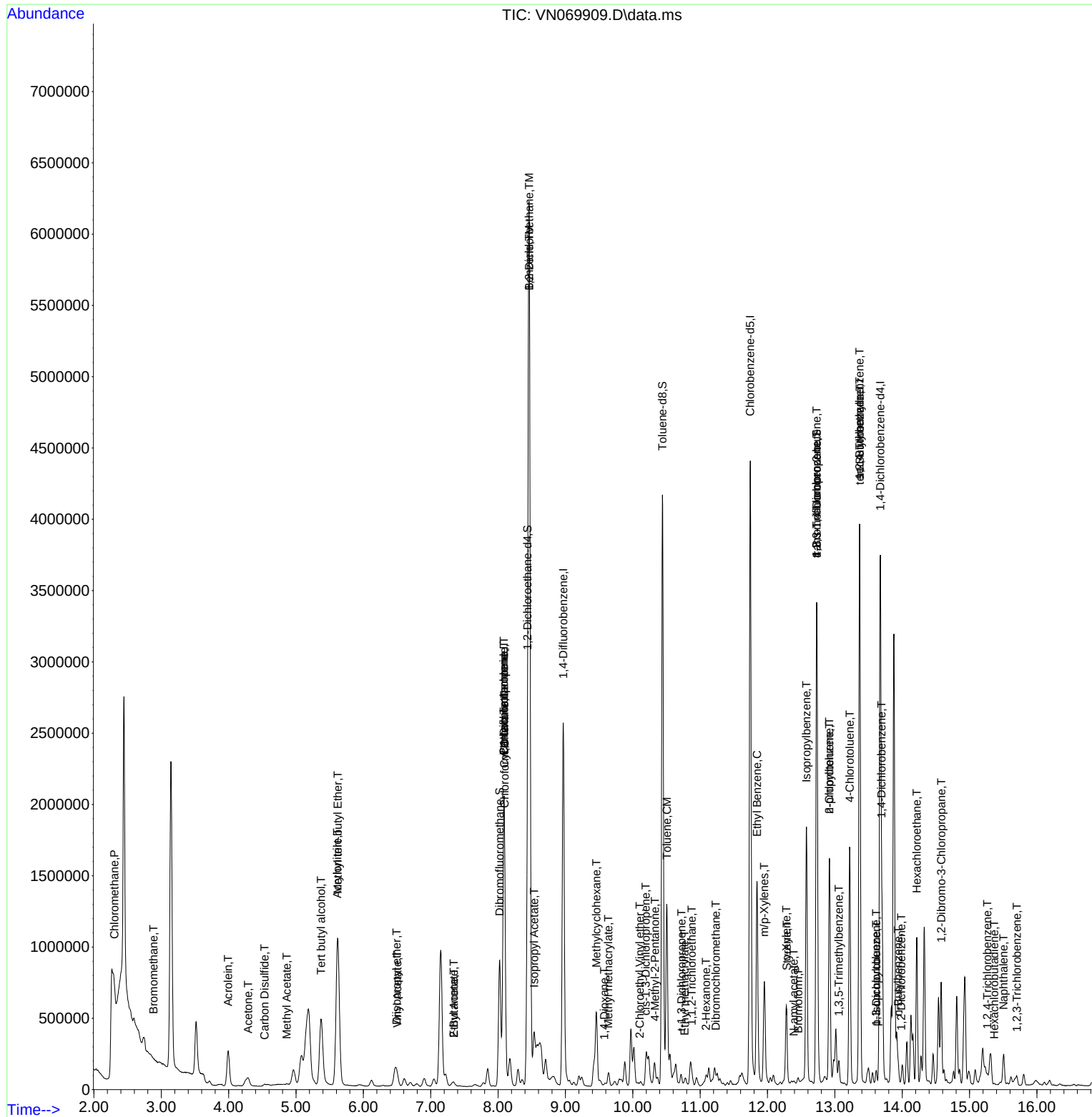
71) Bromoform	12.457	173	676	2.776	ug/l #	29
73) Isopropylbenzene	12.578	105	1167460	13.398	ug/l	98
74) N-amyl acetate	12.390	43	13604	0.353	ug/l	94
76) 1,2,3-Trichloropropane	12.731	75	651191	23.185	ug/l #	1
78) n-propylbenzene	12.918	91	1277141	13.171	ug/l	96
79) 2-Chlorotoluene	12.918	91	1277141	20.845	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	70990	1.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	651191	73.780	ug/l #	5
82) 4-Chlorotoluene	13.219	91	137604	2.388	ug/l #	38
83) tert-Butylbenzene	13.369	119	265461	4.274	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.366	105	2224462	33.303	ug/l	98
85) sec-Butylbenzene	13.366	105	2224462	26.407	ug/l #	56
86) p-Isopropyltoluene	13.613	119	40552	0.616	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	7322	0.218	ug/l #	80
88) 1,4-Dichlorobenzene	13.694	146	10006	0.303	ug/l #	51
89) n-Butylbenzene	13.940	91	85322	1.597	ug/l #	72
90) Hexachloroethane	14.217	117	51822	4.483	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	7794	0.238	ug/l #	87
92) 1,2-Dibromo-3-Chloropr...	14.581	75	5422	0.996	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.263	180	16177	3.827	ug/l #	86
94) Hexachlorobutadiene	15.367	225	1855	0.214	ug/l	96
95) Naphthalene	15.504	128	191752	7.672	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	19677	3.631	ug/l	96

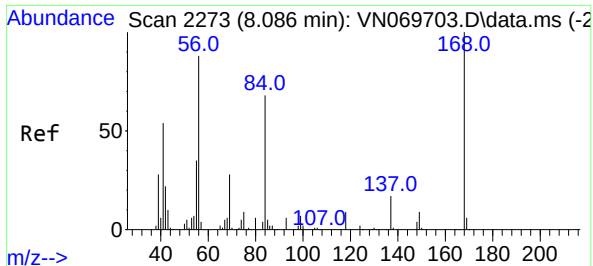
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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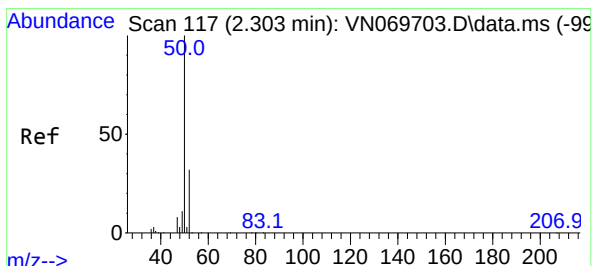
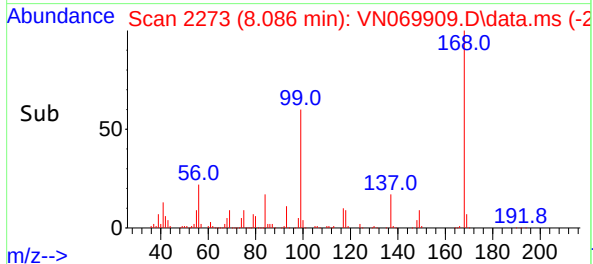
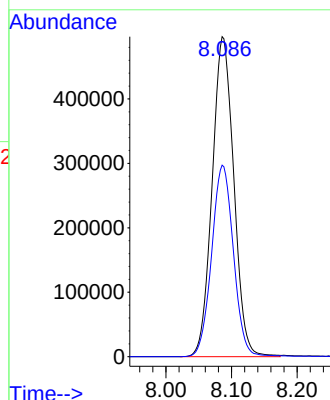
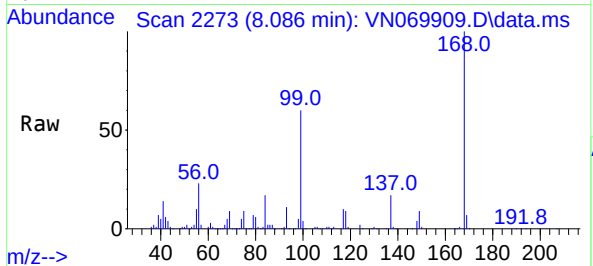




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069909.D
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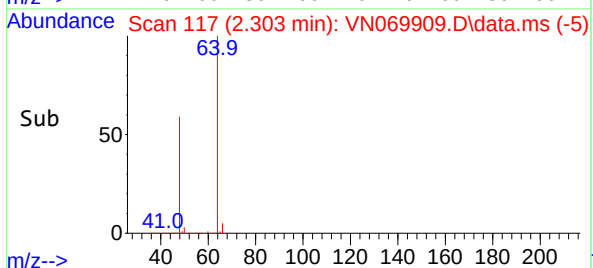
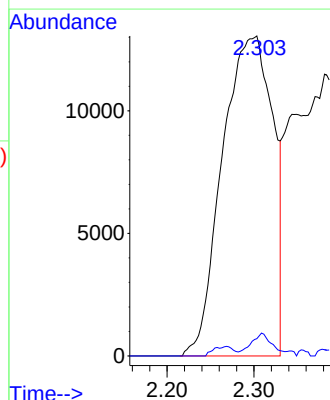
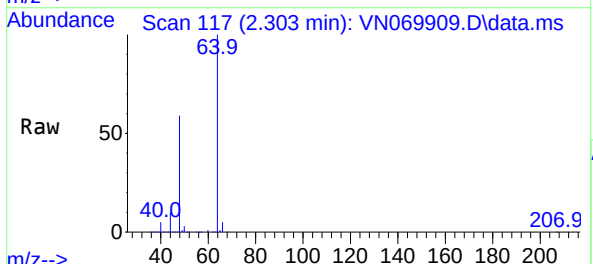
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ClientSampleId :
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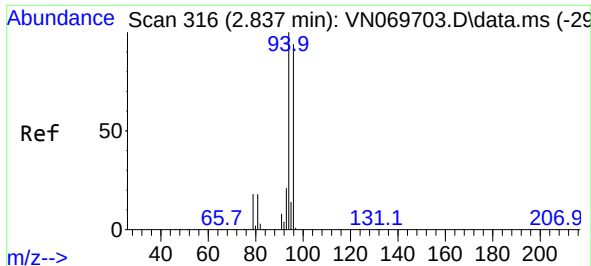
Tgt Ion:168 Resp: 1136910
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 3.174 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 50 Resp: 52734
Ion Ratio Lower Upper
50 100
52 5.4 25.4 38.0#

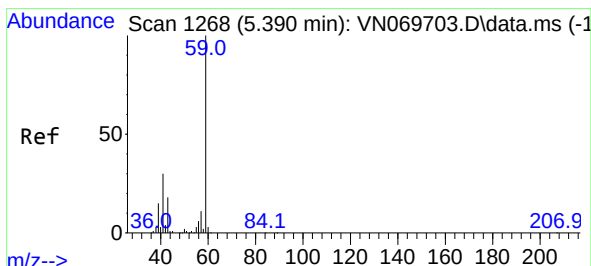
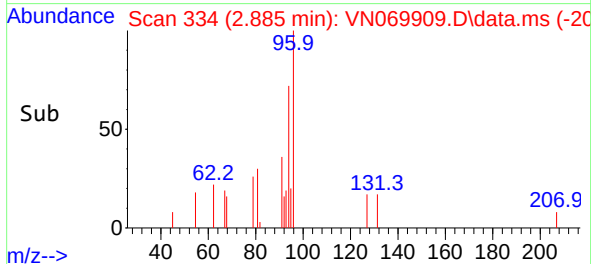
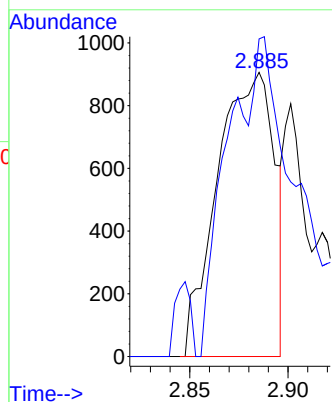
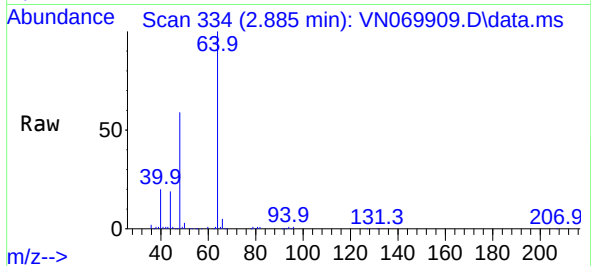




#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.885 min Scan# 316
Delta R.T. 0.048 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

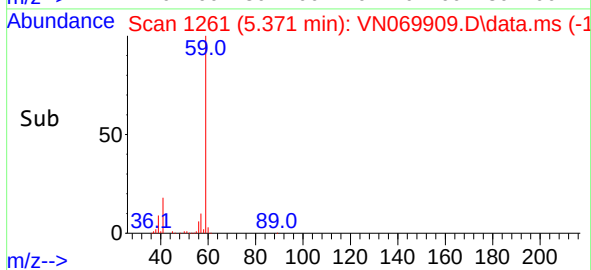
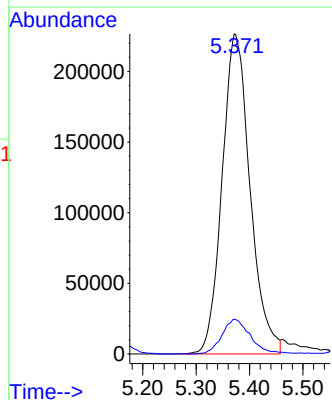
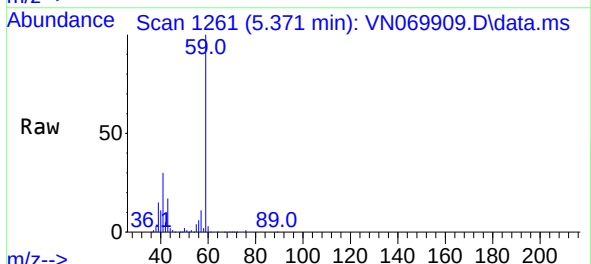
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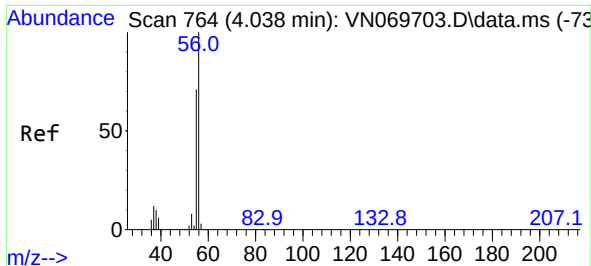
Tgt Ion: 94 Resp: 1821
Ion Ratio Lower Upper
94 100
96 88.1 73.8 110.8



#11
Tert butyl alcohol
Concen: 248.546 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.019 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 59 Resp: 824703
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

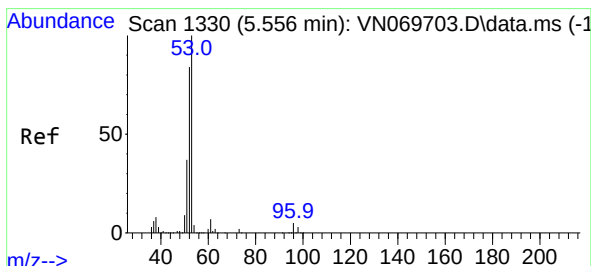
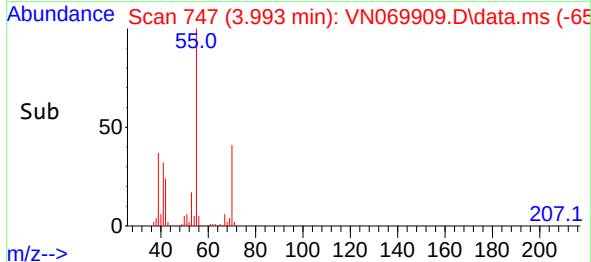
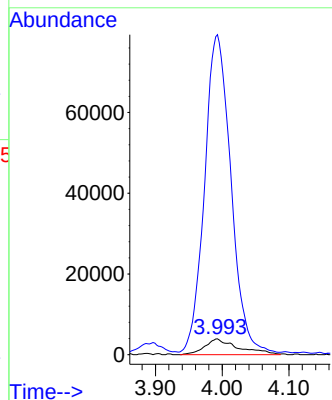
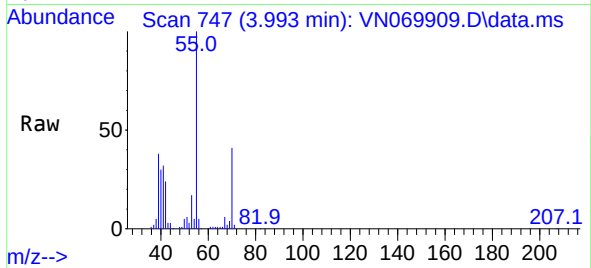




#13
Acrolein
Concen: 4.879 ug/l
RT: 3.993 min Scan# 74
Delta R.T. -0.046 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

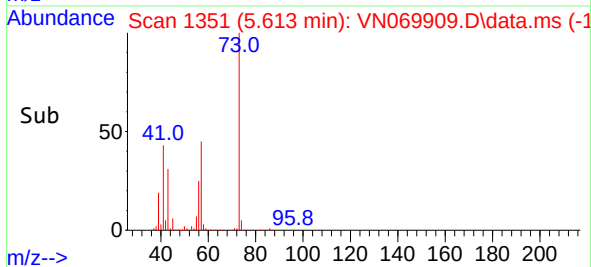
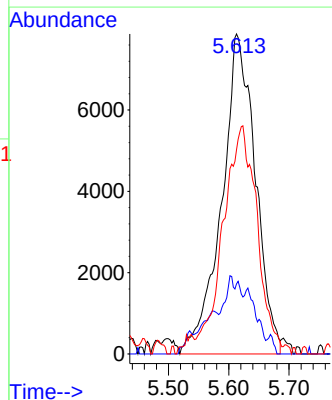
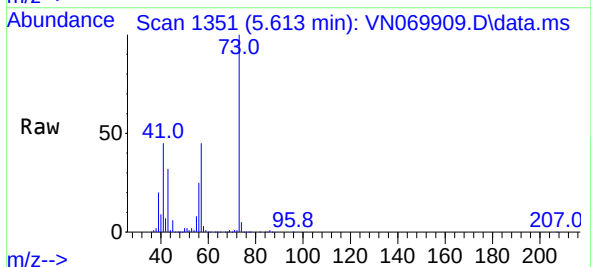
Instrument :
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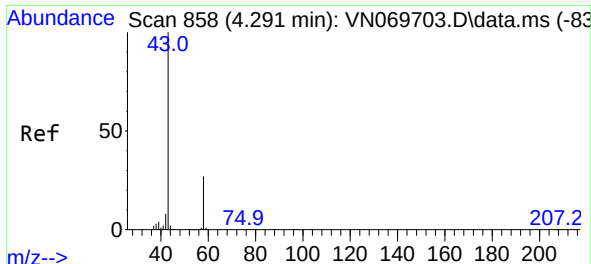
Tgt Ion: 56 Resp: 13786
Ion Ratio Lower Upper
56 100
55 1558.0 56.6 85.0#



#15
Acrylonitrile
Concen: 3.415 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. 0.056 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 53 Resp: 30532
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 66.5 29.6 44.4#

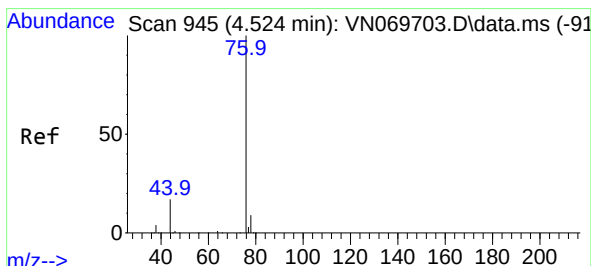
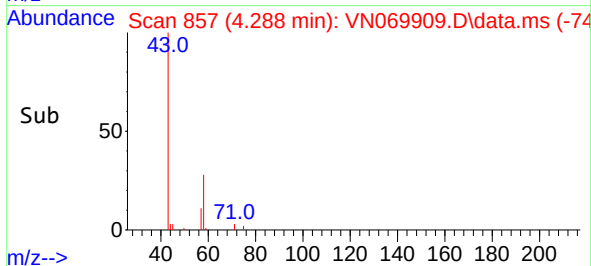
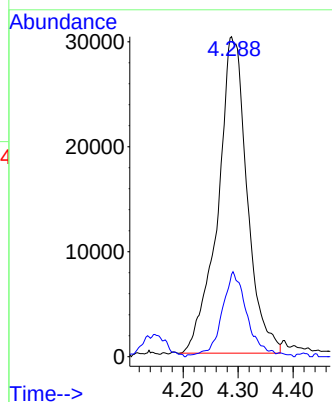
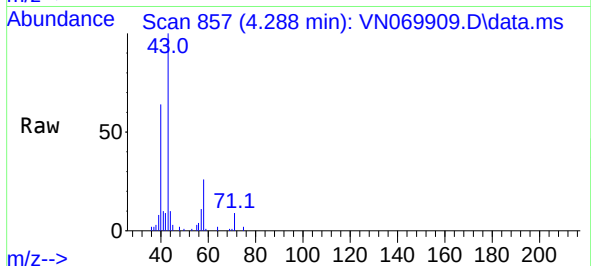




#16
Acetone
Concen: 10.594 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

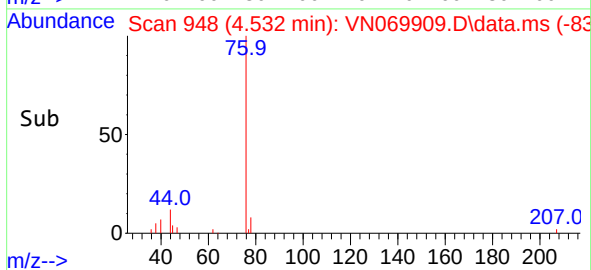
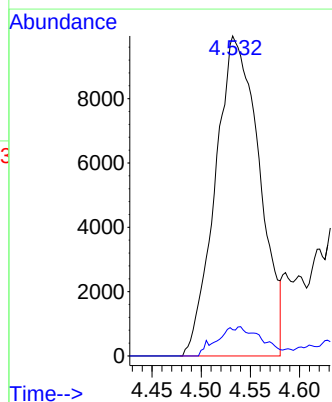
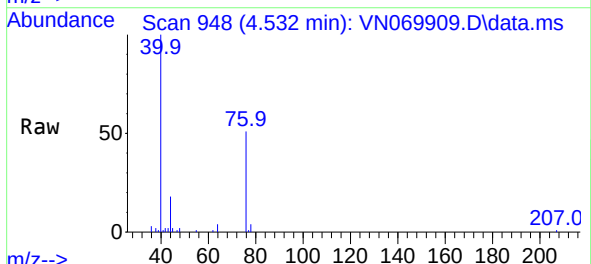
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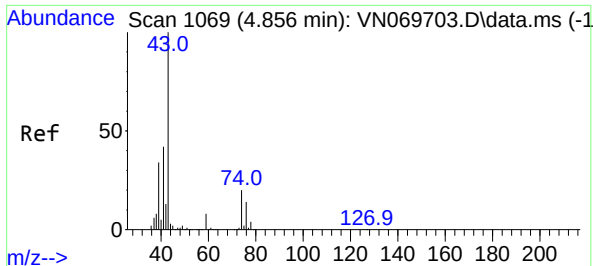
Tgt Ion: 43 Resp: 111863
Ion Ratio Lower Upper
43 100
58 25.3 23.1 34.7



#17
Carbon Disulfide
Concen: 1.106 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 76 Resp: 30951
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3





#18

Methyl Acetate

Concen: 0.324 ug/l

RT: 4.862 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN069909.D

Acq: 9 Dec 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

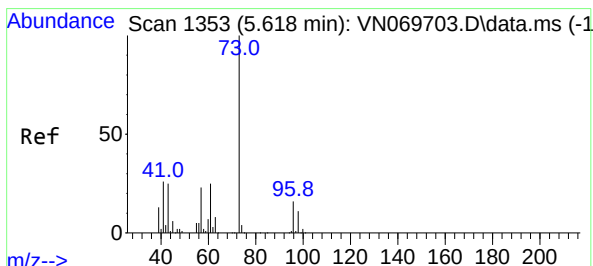
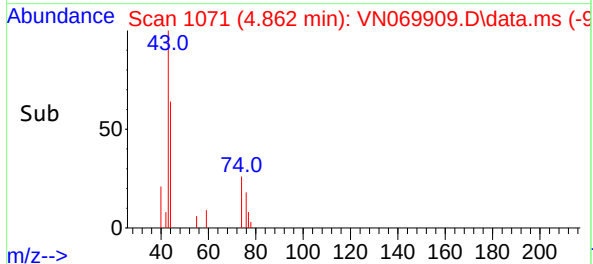
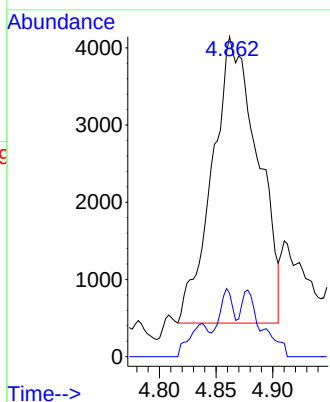
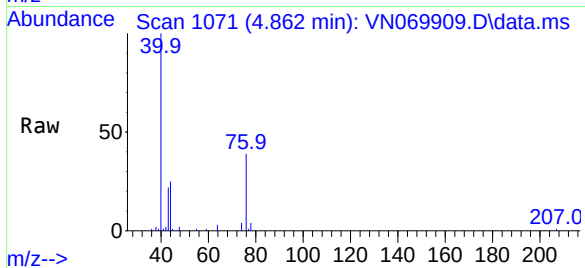
MW-3

Tgt Ion: 43 Resp: 10324

Ion Ratio Lower Upper

43 100

74 7.7 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 27.680 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VN069909.D

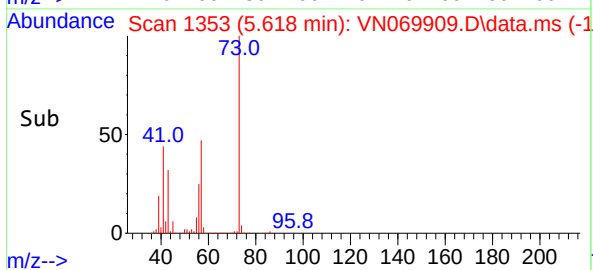
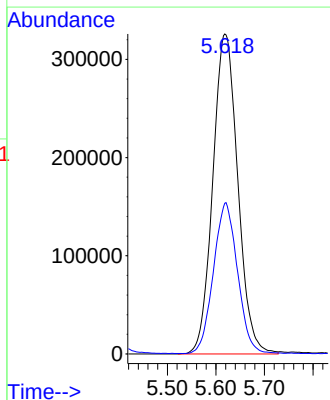
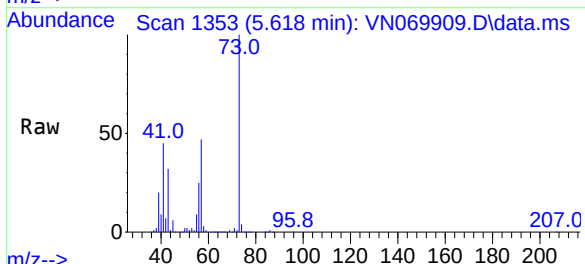
Acq: 9 Dec 2021 14:13

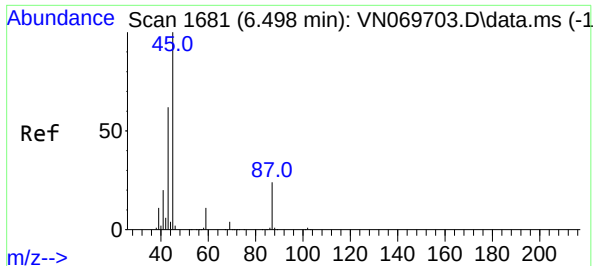
Tgt Ion: 73 Resp: 1165559

Ion Ratio Lower Upper

73 100

57 47.0 16.8 25.2#

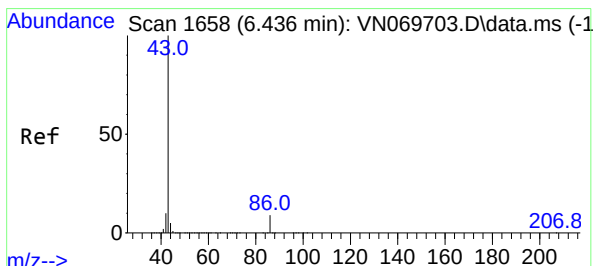
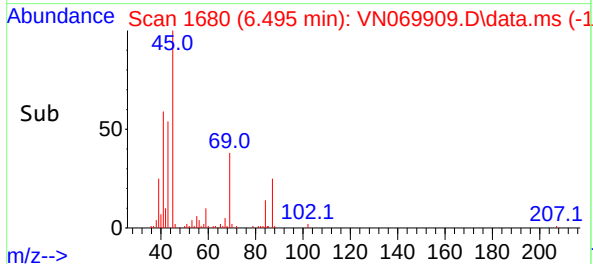
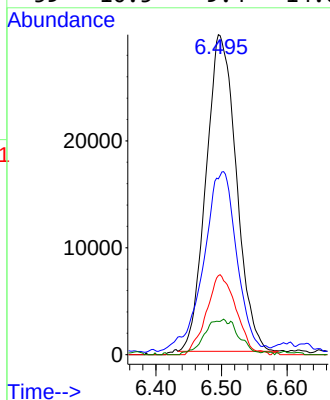
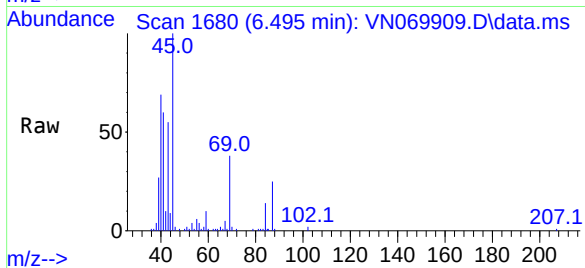




#22
Diisopropyl ether
Concen: 1.991 ug/l
RT: 6.495 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN069909.D
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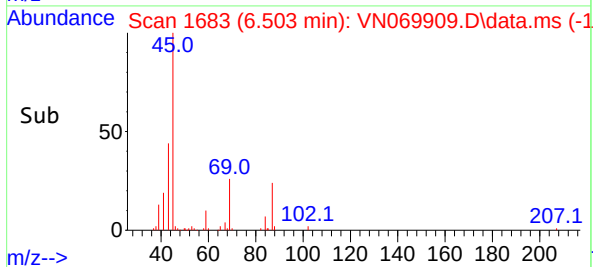
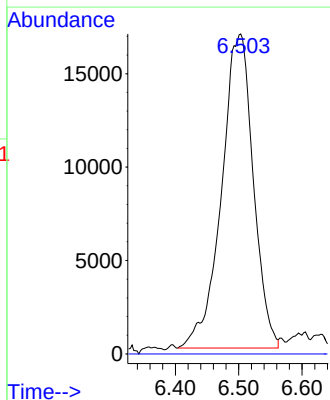
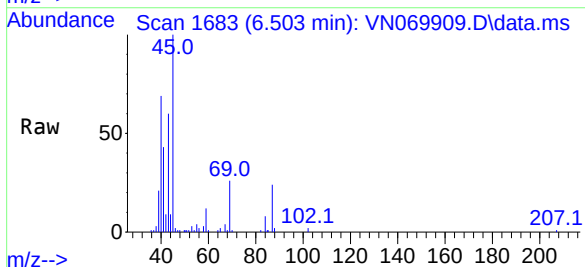
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ClientSampleId :
MW-3

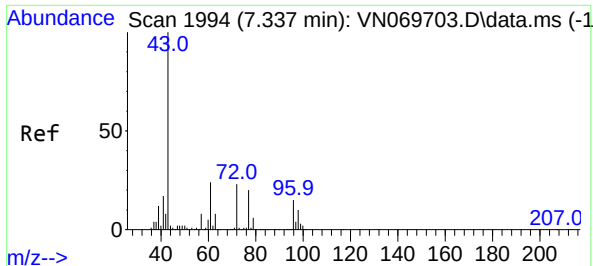
Tgt Ion:	45	Resp:	94957
Ion	Ratio	Lower	Upper
45	100		
43	52.4	51.7	77.5
87	25.0	23.2	34.8
59	10.5	9.4	14.0



#23
Vinyl Acetate
Concen: 1.510 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.067 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:	43	Resp:	58607
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#

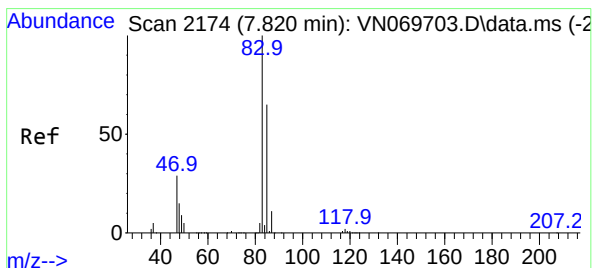
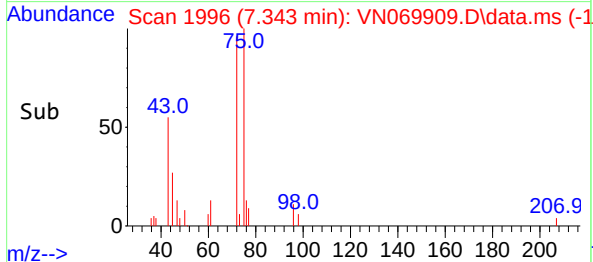
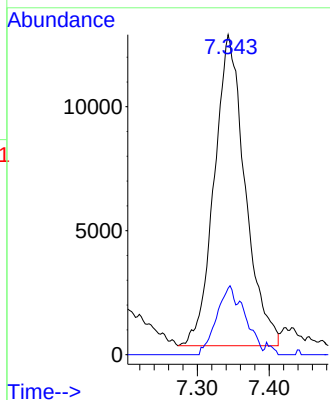
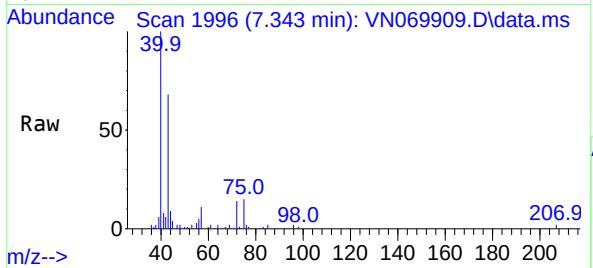




#25
2-Butanone
Concen: 2.605 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.005 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

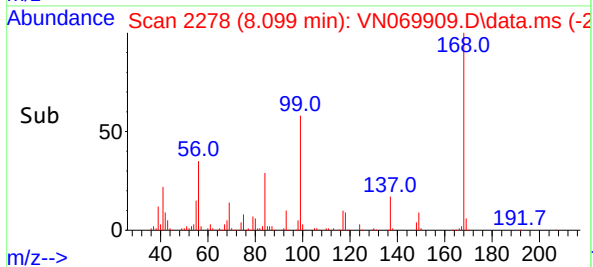
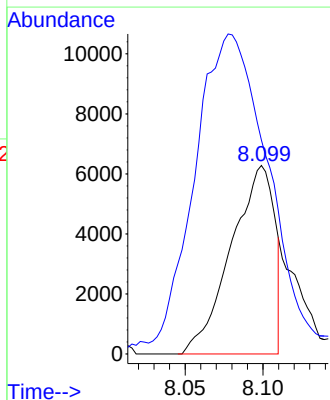
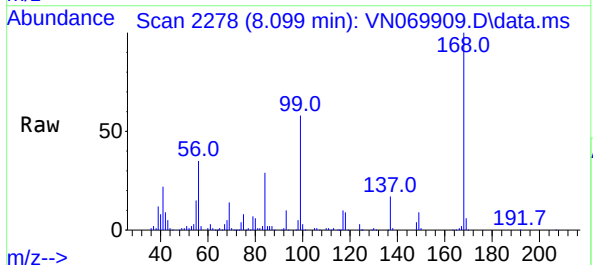
Instrument :
MSVOA_N
ClientSampleId :
MW-3

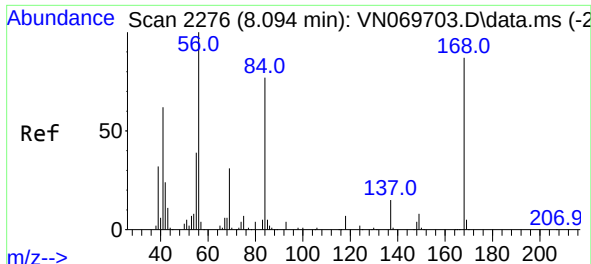
Tgt Ion: 43 Resp: 37371
Ion Ratio Lower Upper
43 100
72 21.4 21.7 32.5#



#30
Chloroform
Concen: 0.487 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.279 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

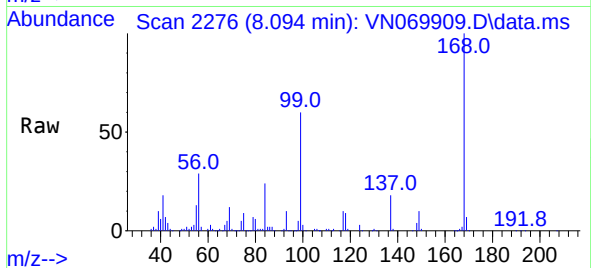
Tgt Ion: 83 Resp: 12157
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9



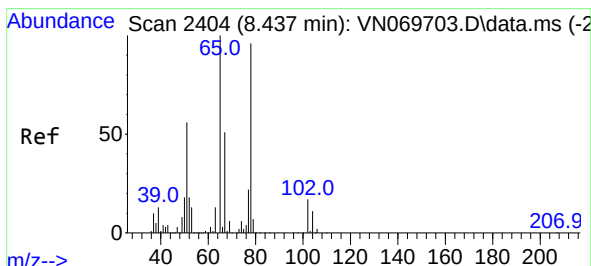
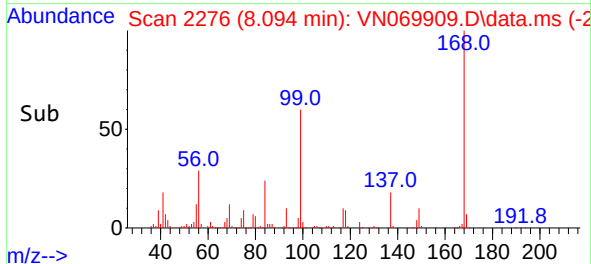
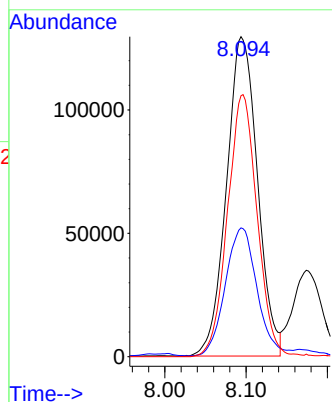


#31
Cyclohexane
Concen: 14.061 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
MW-3

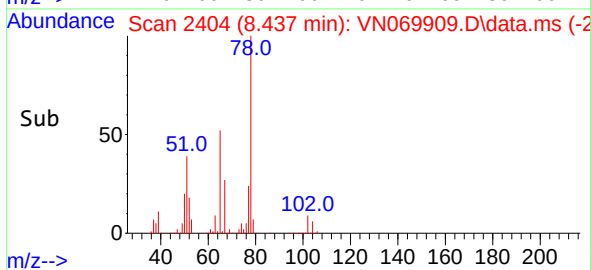
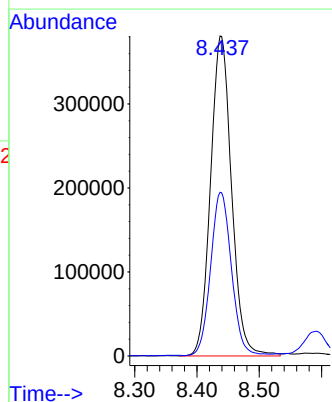
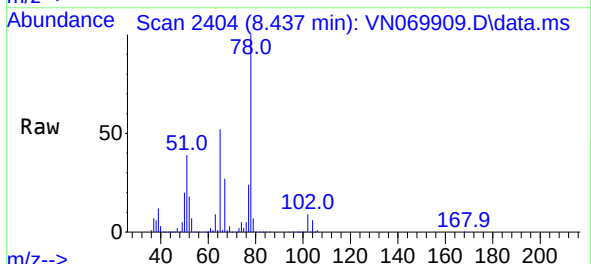


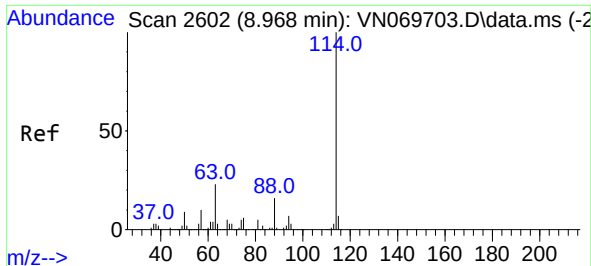
Tgt Ion: 56 Resp: 343504
Ion Ratio Lower Upper
56 100
69 40.0 27.1 40.7
84 81.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.855 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 65 Resp: 892703
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

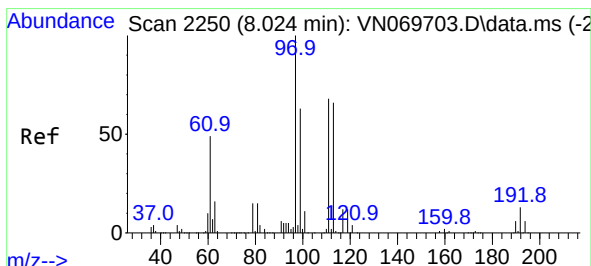
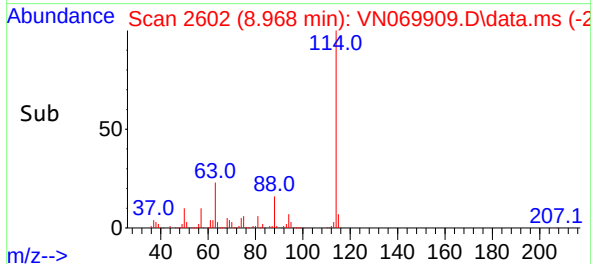
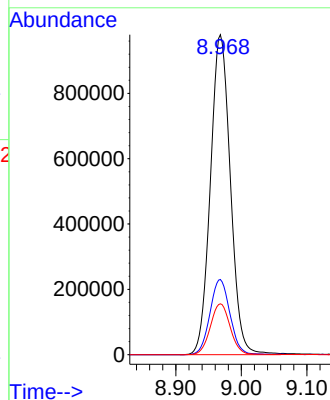
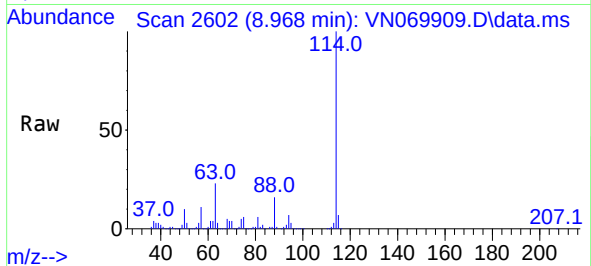




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

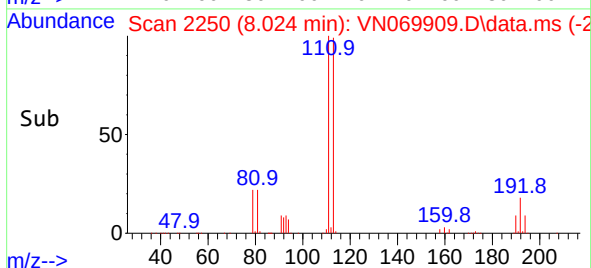
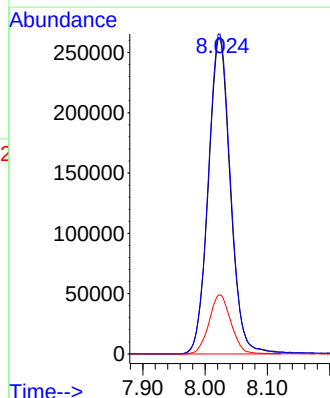
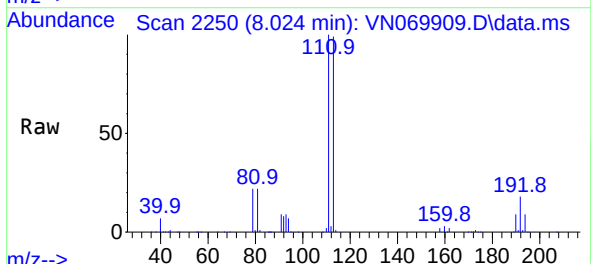
Instrument :
MSVOA_N
ClientSampleId :
MW-3

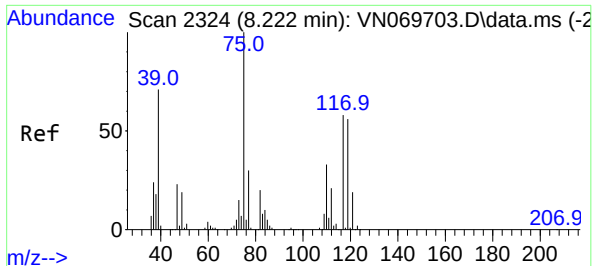
Tgt Ion:114 Resp: 2073122
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.421 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:113 Resp: 641761
Ion Ratio Lower Upper
113 100
111 102.5 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: VN069909.D

Acq: 9 Dec 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

MW-3

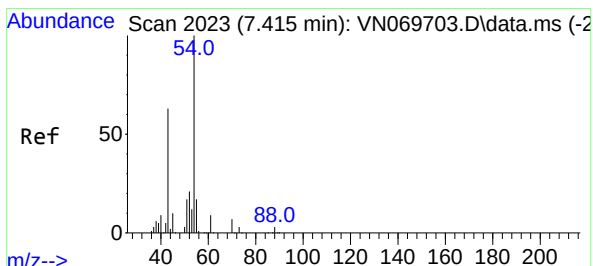
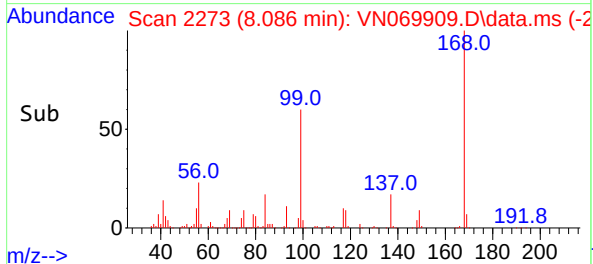
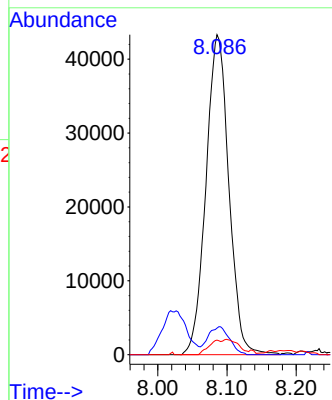
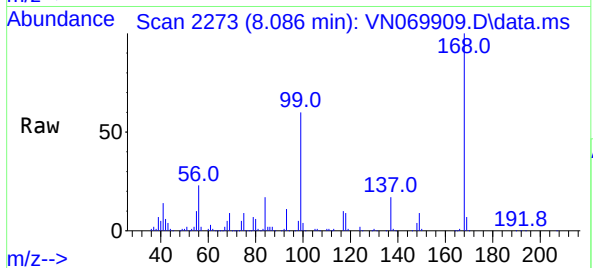
Tgt Ion: 75 Resp: 99567

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.272 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.072 min

Lab File: VN069909.D

Acq: 9 Dec 2021 14:13

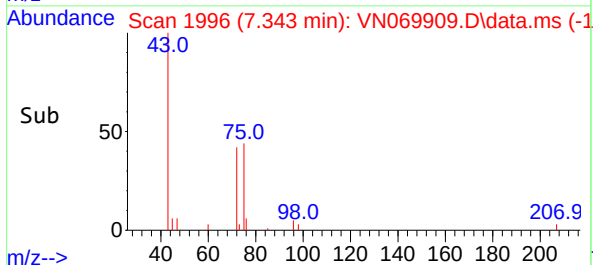
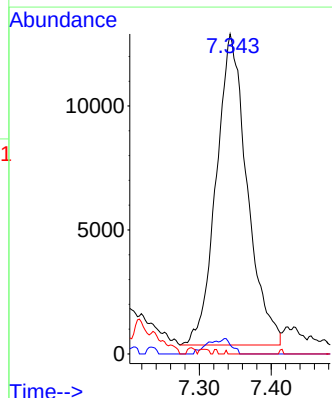
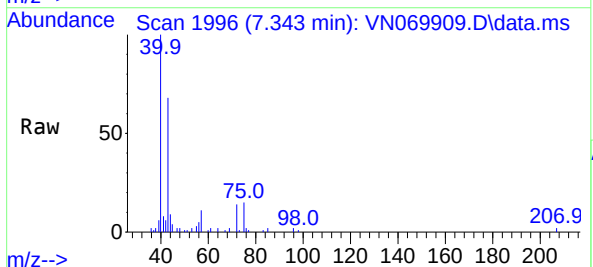
Tgt Ion: 43 Resp: 37371

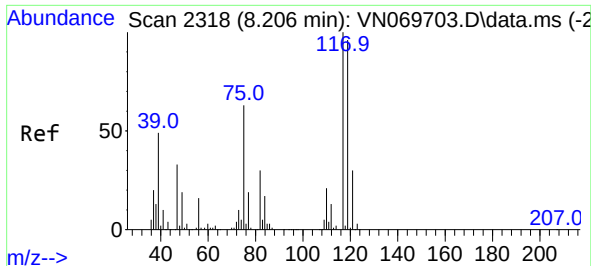
Ion Ratio Lower Upper

43 100

61 1.6 11.5 17.3#

70 0.0 7.9 11.9#

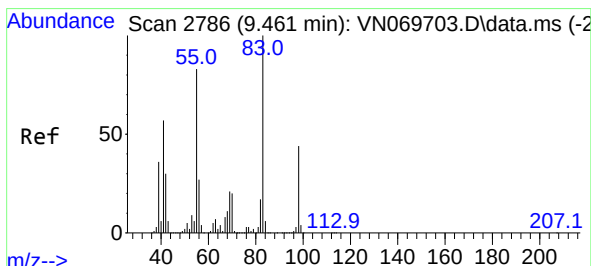
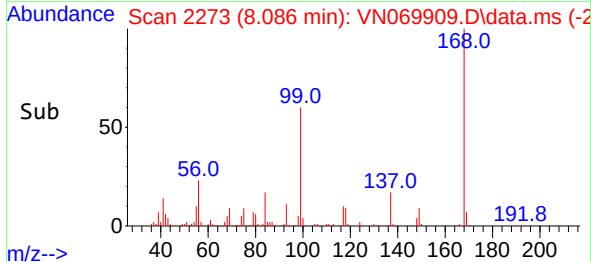
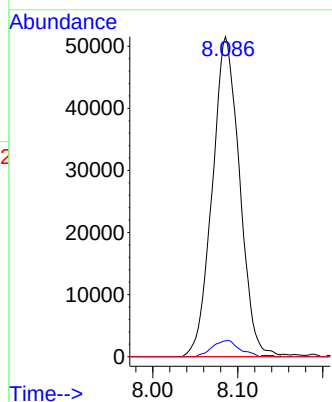
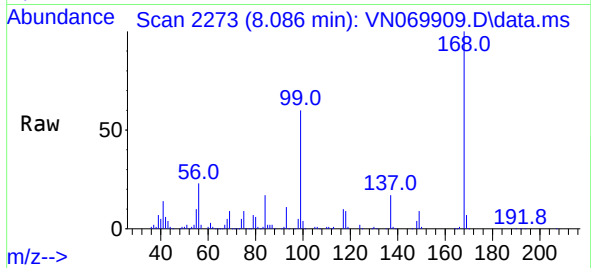




#38
Carbon Tetrachloride
Concen: 5.937 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

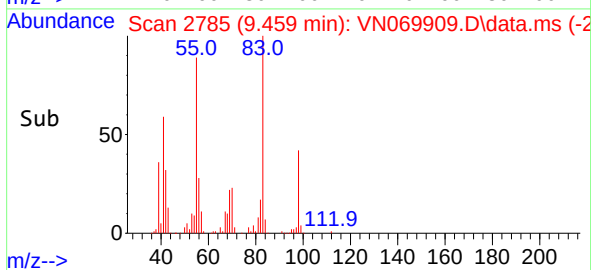
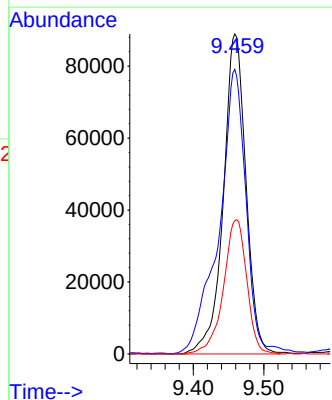
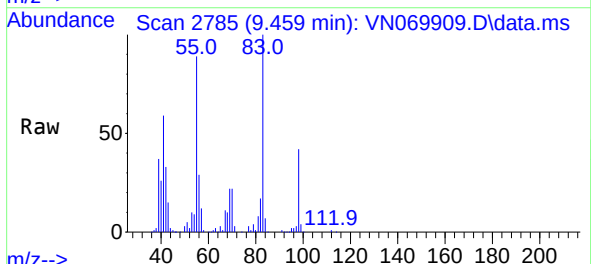
Instrument :
MSVOA_N
ClientSampleId :
MW-3

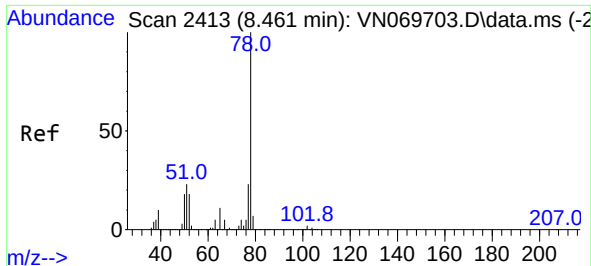
Tgt Ion:117 Resp: 114894
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 8.446 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 83 Resp: 198263
Ion Ratio Lower Upper
83 100
55 88.2 58.1 87.1#
98 41.6 38.4 57.6

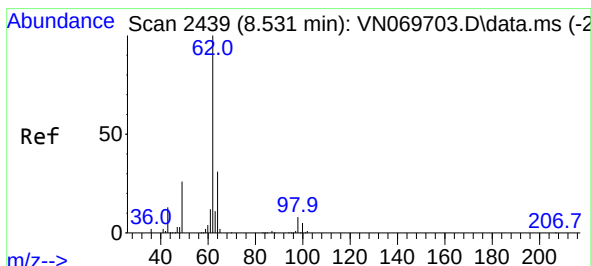
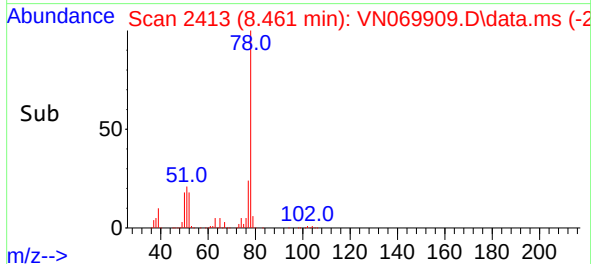
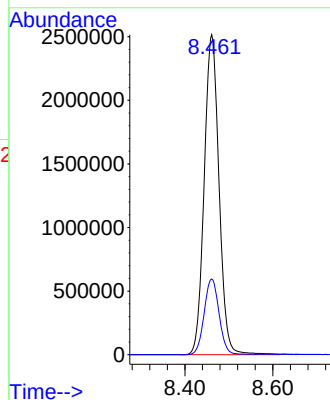
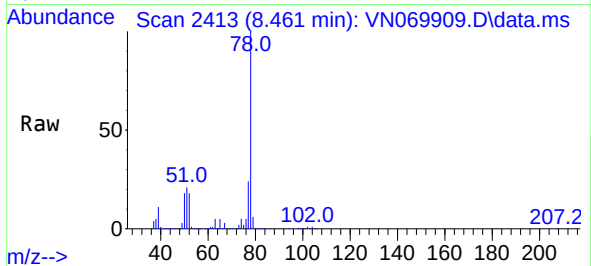




#40
Benzene
Concen: 97.700 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

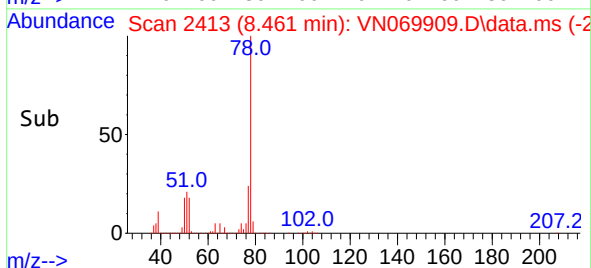
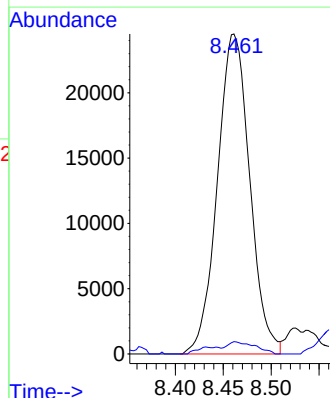
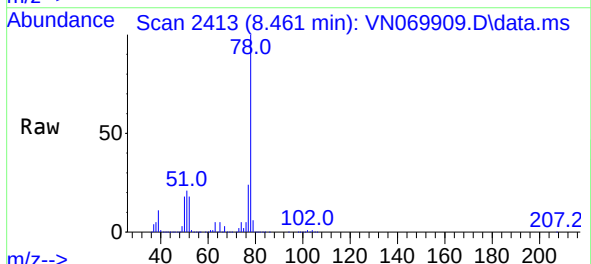
Instrument :
MSVOA_N
ClientSampleId :
MW-3

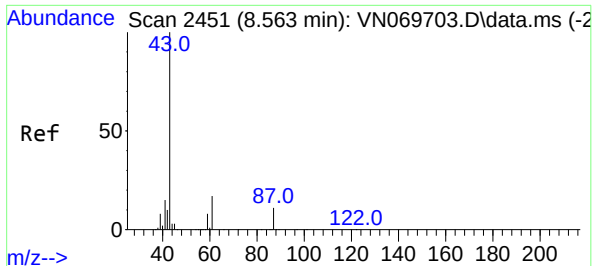
Tgt Ion: 78 Resp: 5893625
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



#42
1,2-Dichloroethane
Concen: 2.363 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 62 Resp: 57547
Ion Ratio Lower Upper
62 100
98 3.4 0.0 17.6

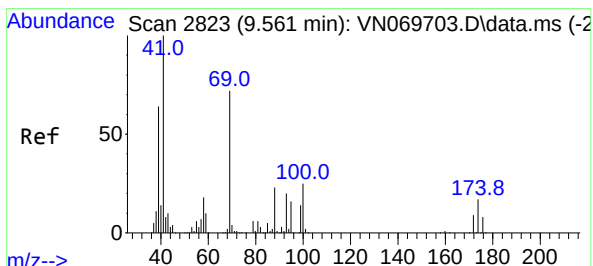
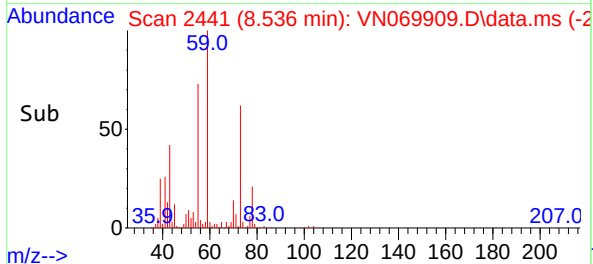
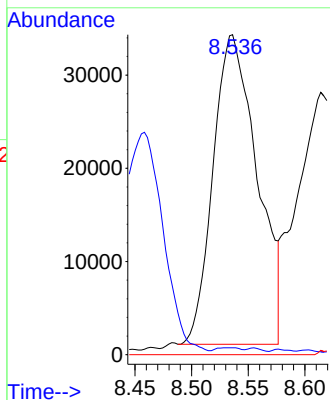
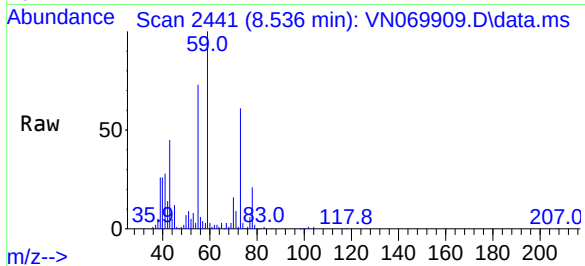




#43
Isopropyl Acetate
Concen: 2.070 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. -0.027 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

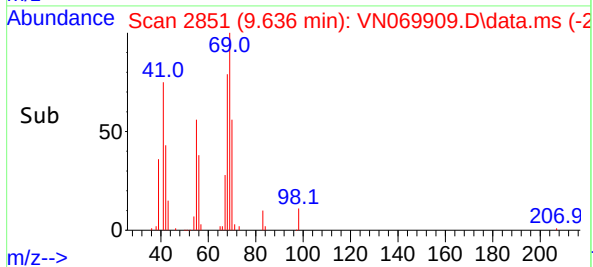
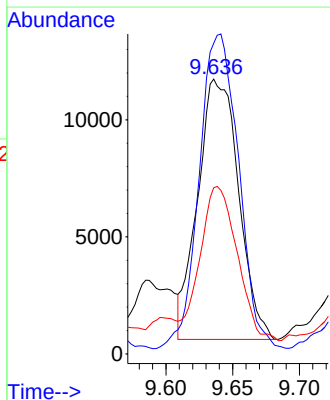
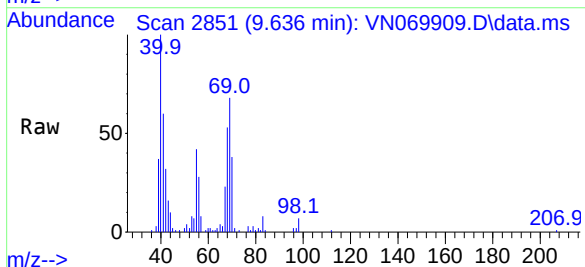
Instrument :
MSVOA_N
ClientSampleId :
MW-3

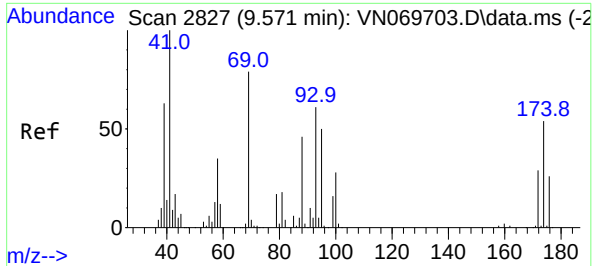
Tgt Ion: 43 Resp: 89982
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#48
Methyl methacrylate
Concen: 1.166 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. 0.075 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 41 Resp: 23648
Ion Ratio Lower Upper
41 100
69 116.7 72.4 108.6#
39 53.7 58.4 87.6#

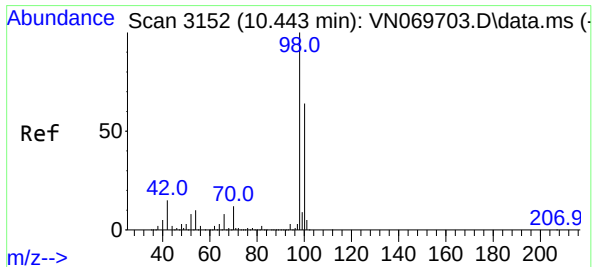
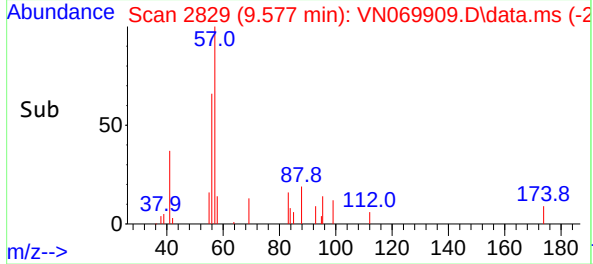
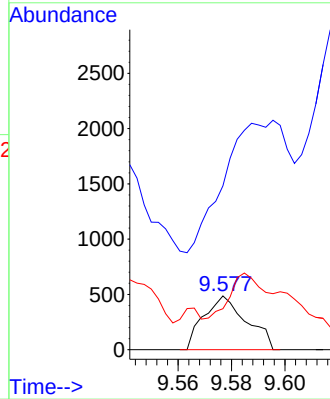
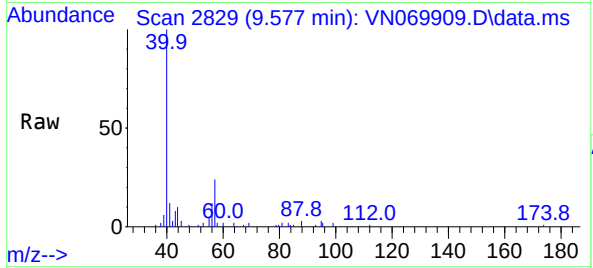




#49
1,4-Dioxane
Concen: 1.484 ug/l
RT: 9.577 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

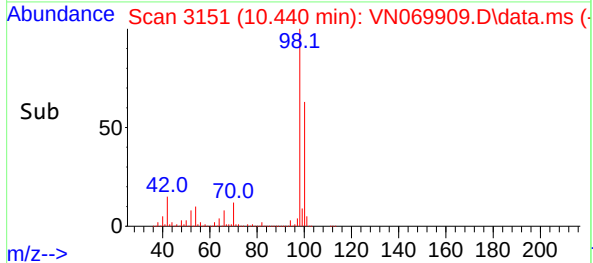
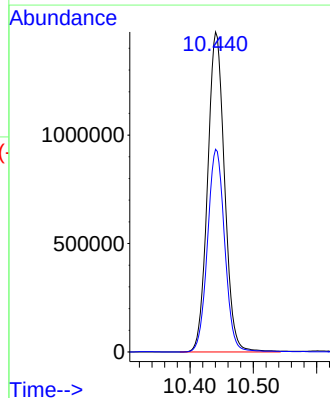
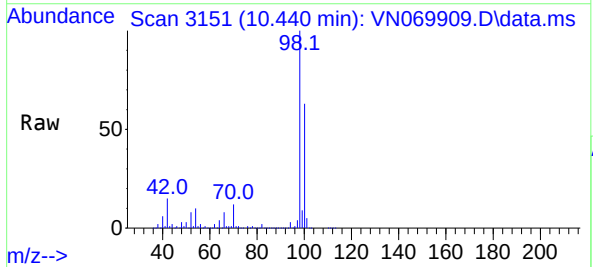
Instrument :
MSVOA_N
ClientSampleId :
MW-3

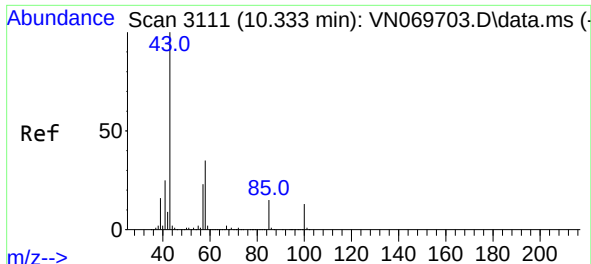
Tgt Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
43 368.9 23.4 35.2#
58 245.7 50.6 75.8#



#50
Toluene-d8
Concen: 52.718 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 98 Resp: 2748783
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

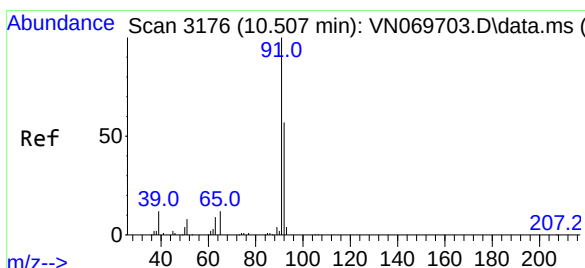
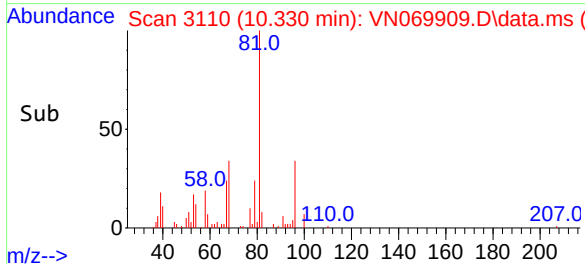
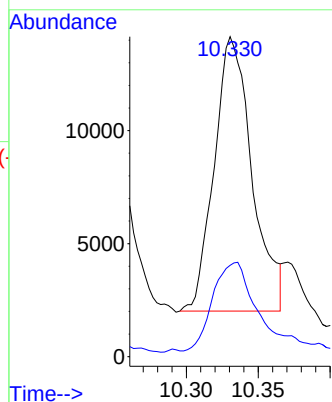
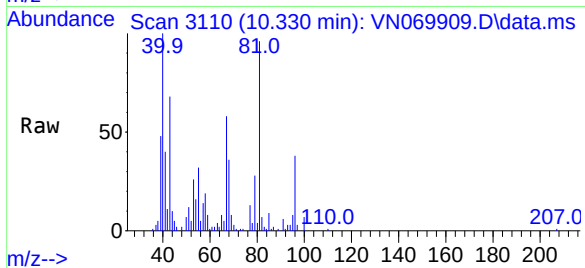




#51
4-Methyl-2-Pentanone
Concen: 0.788 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

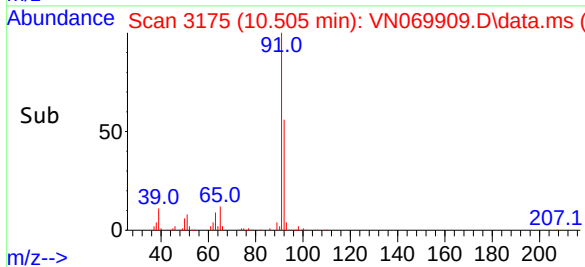
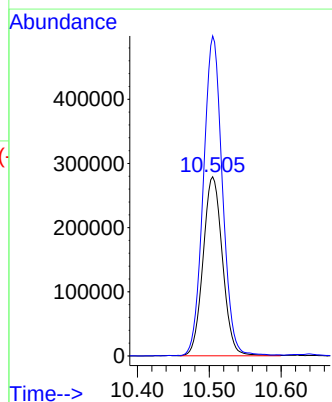
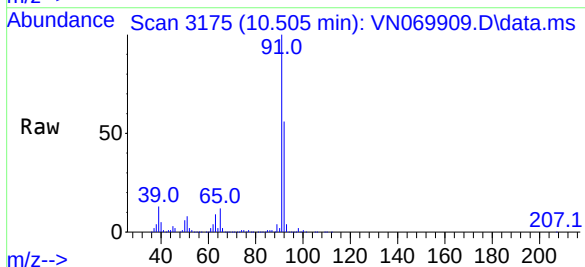
Instrument :
MSVOA_N
ClientSampleId :
MW-3

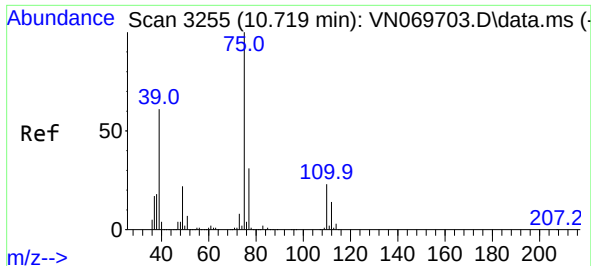
Tgt Ion: 43 Resp: 22209
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 14.202 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 92 Resp: 523031
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0

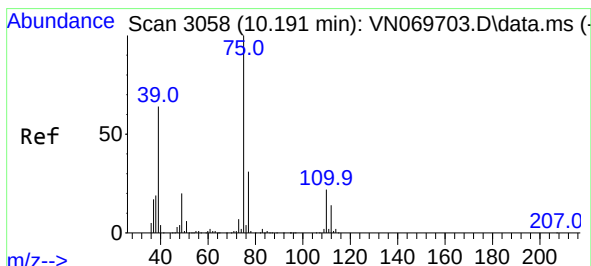
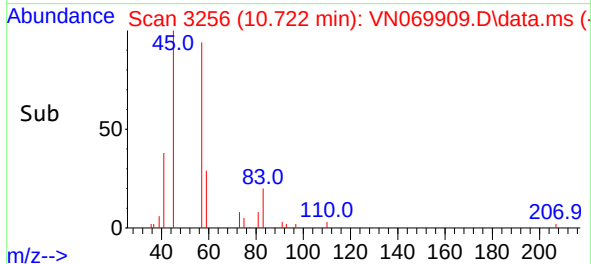
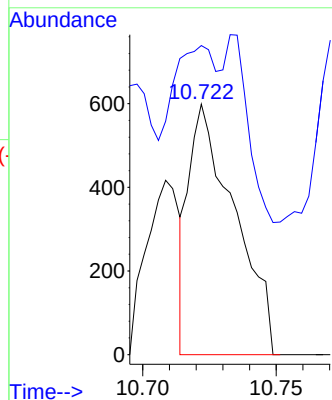
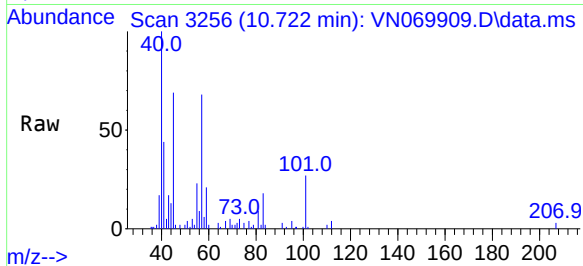




#53
t-1,3-Dichloropropene
Concen: 2.822 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

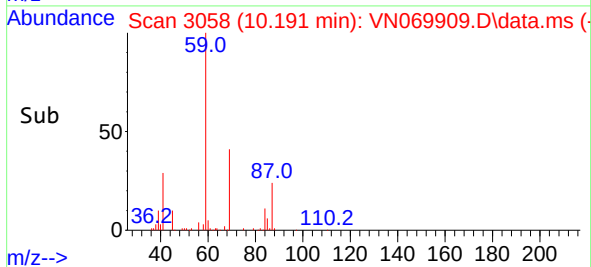
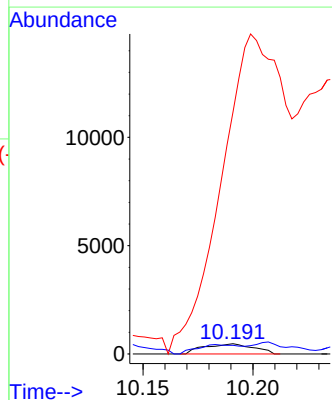
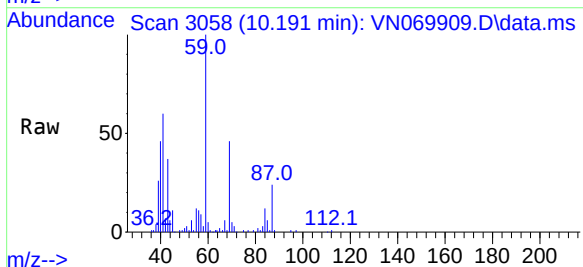
Instrument :
MSVOA_N
ClientSampleId :
MW-3

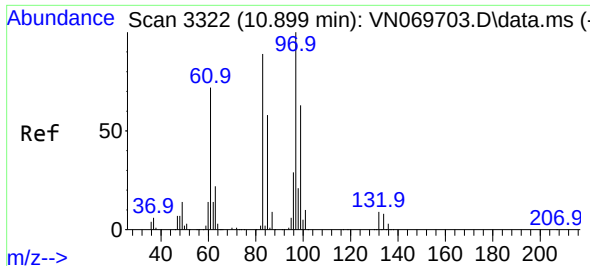
Tgt Ion: 75 Resp: 713
Ion Ratio Lower Upper
75 100
77 70.5 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.027 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 75 Resp: 737
Ion Ratio Lower Upper
75 100
77 84.8 26.4 39.6#
39 2138.9 42.5 63.7#



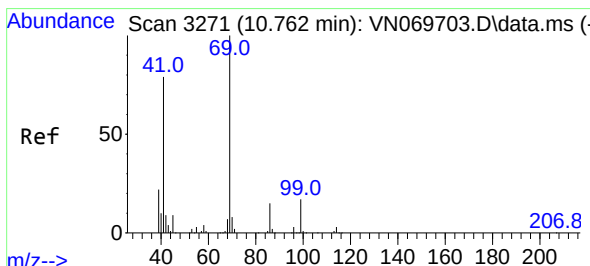
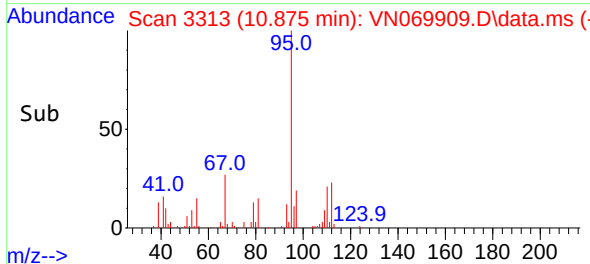
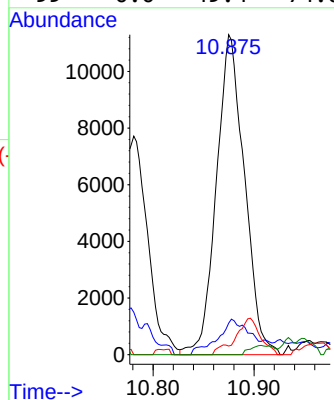
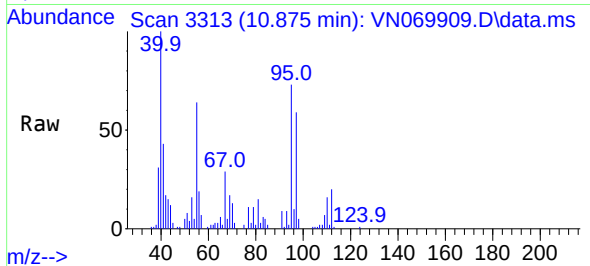


#55
1,1,2-Trichloroethane
Concen: 1.465 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 97 Resp: 21774

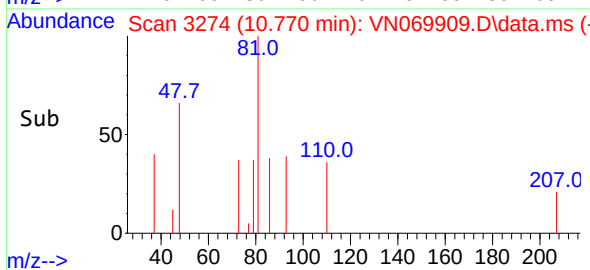
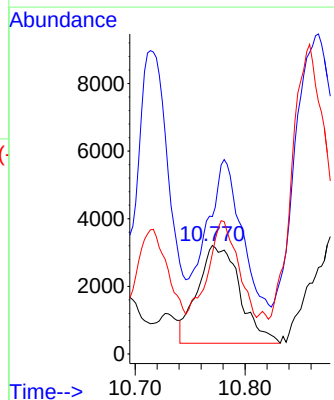
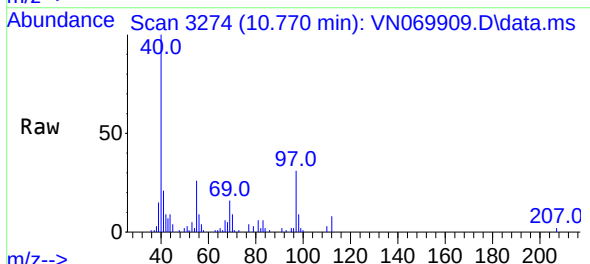
Ion	Ratio	Lower	Upper
97	100		
83	9.8	67.8	101.6#
85	2.7	45.4	68.2#
99	0.0	49.4	74.0#

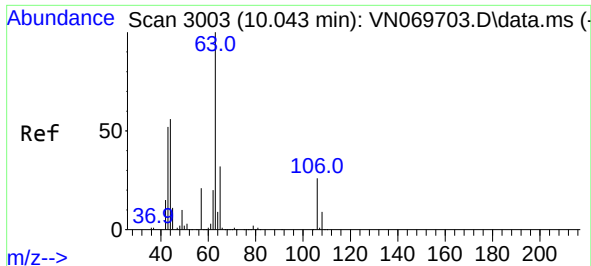


#56
Ethyl methacrylate
Concen: 2.542 ug/l
RT: 10.770 min Scan# 3274
Delta R.T. 0.008 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 69 Resp: 7712

Ion	Ratio	Lower	Upper
69	100		
41	114.7	51.4	77.0#
39	84.4	34.6	52.0#

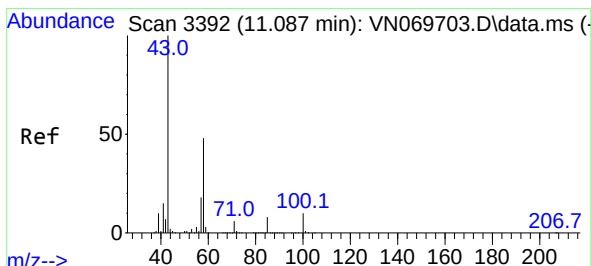
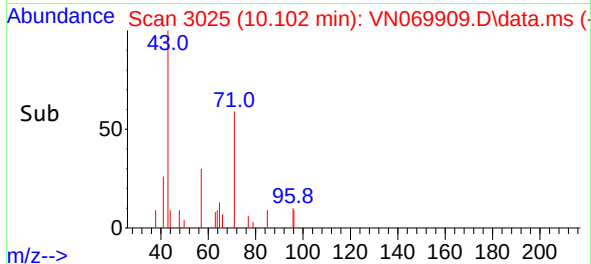
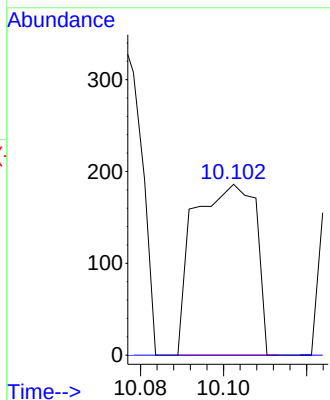
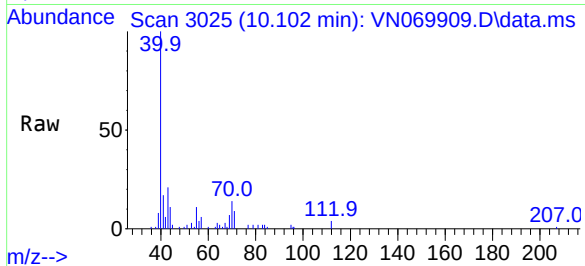




#58
2-Chloroethyl Vinyl ether
Concen: 18.412 ug/l
RT: 10.102 min Scan# 3003
Delta R.T. 0.059 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

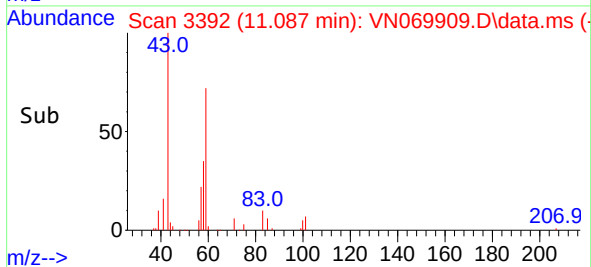
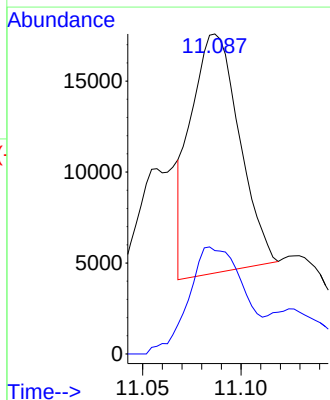
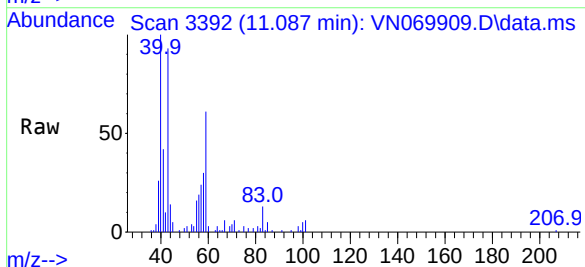
Instrument :
MSVOA_N
ClientSampleId :
MW-3

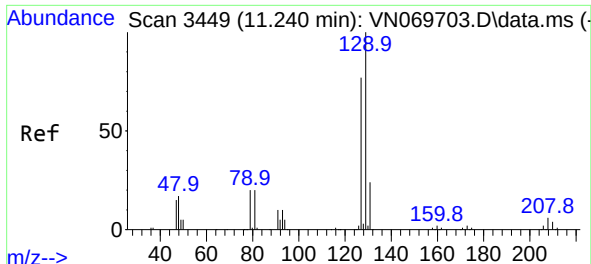
Tgt Ion: 63 Resp: 191
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.052 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 43 Resp: 22434
Ion Ratio Lower Upper
43 100
58 51.3 26.9 80.7

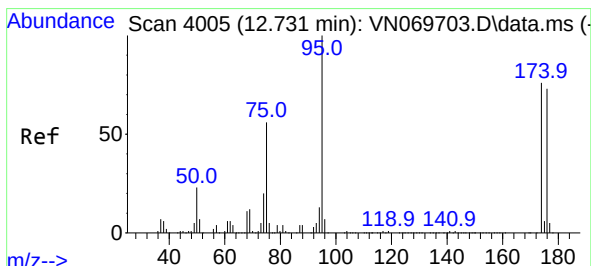
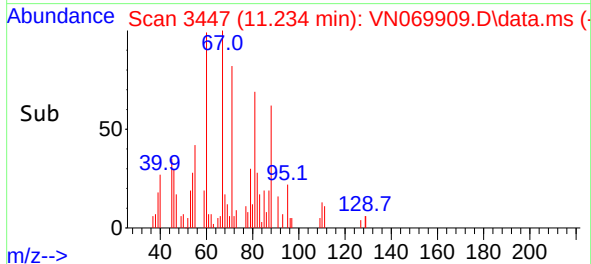
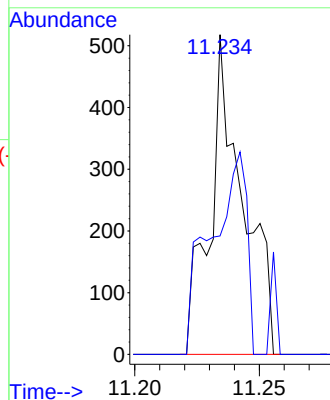
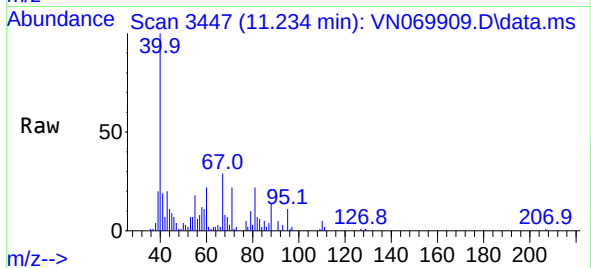




#60
Dibromochloromethane
Concen: 2.405 ug/l
RT: 11.234 min Scan# 3449
Delta R.T. -0.006 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

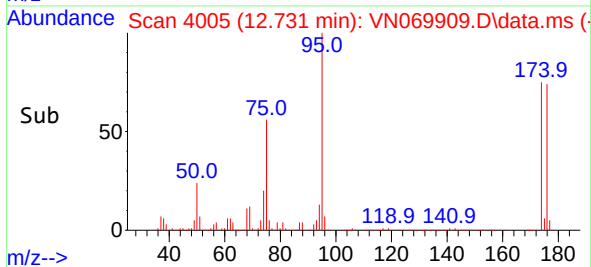
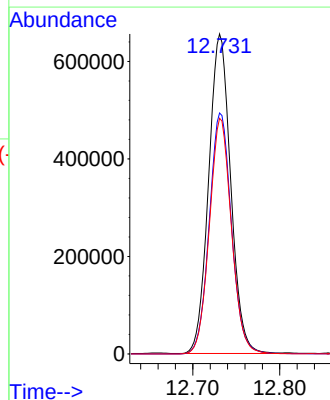
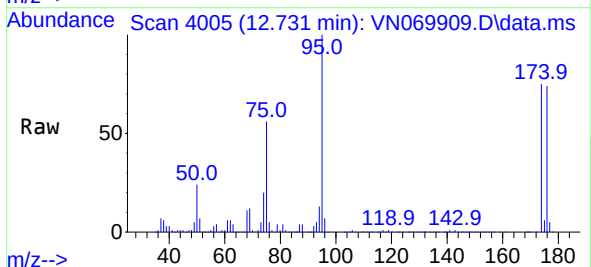
Instrument :
MSVOA_N
ClientSampleId :
MW-3

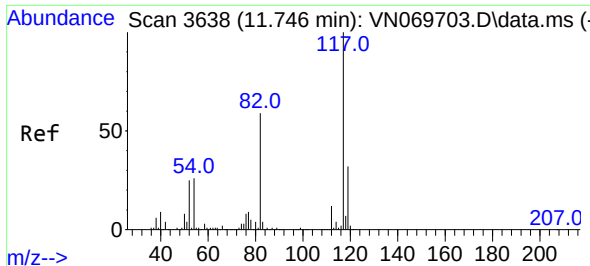
Tgt Ion:129 Resp: 475
Ion Ratio Lower Upper
129 100
127 69.1 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 61.040 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 95 Resp: 1153036
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.8 0.0 181.4

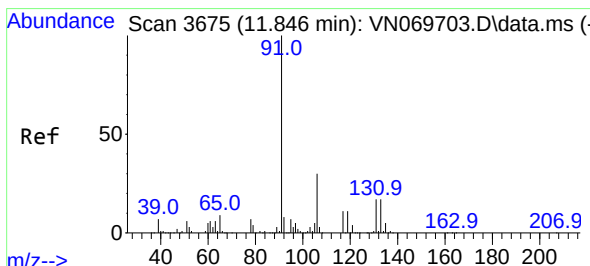
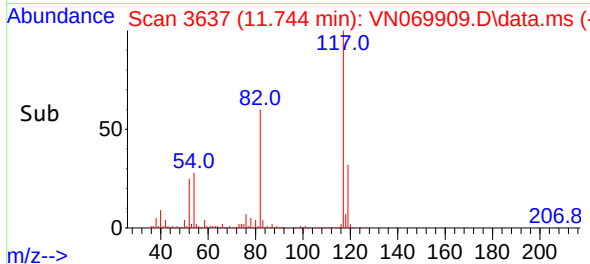
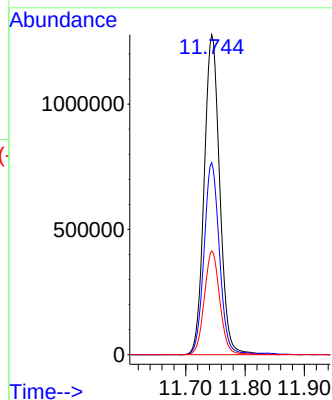
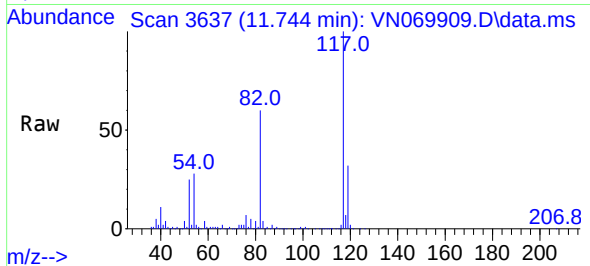




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

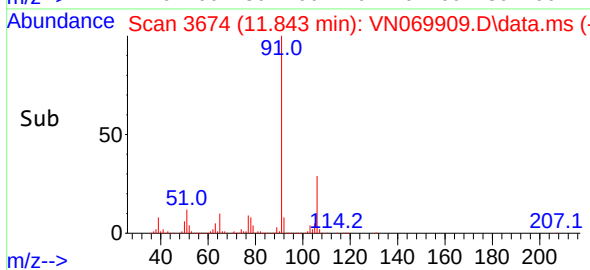
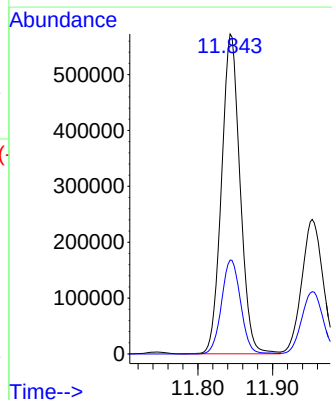
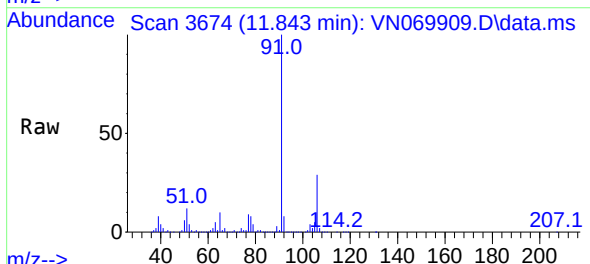
Instrument :
MSVOA_N
ClientSampleId :
MW-3

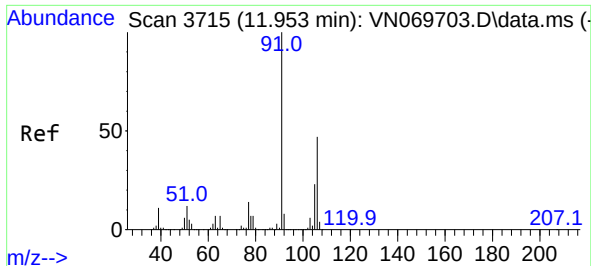
Tgt Ion:117 Resp: 2319325
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 11.526 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 91 Resp: 985120
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

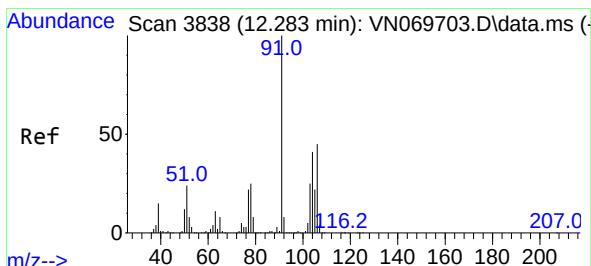
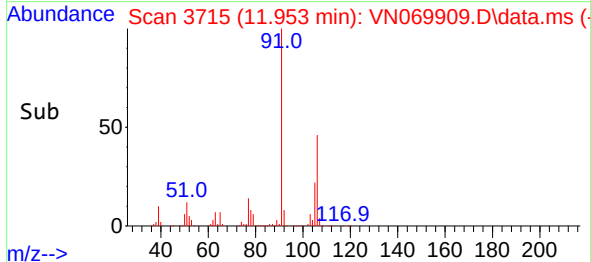
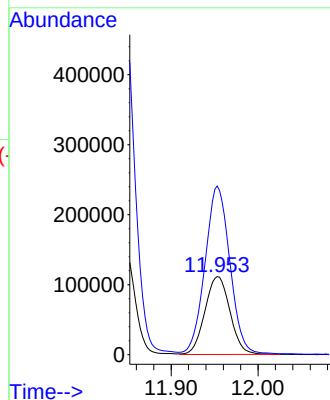
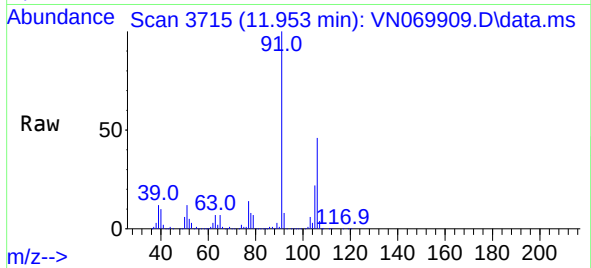




#68
m/p-Xylenes
Concen: 7.163 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

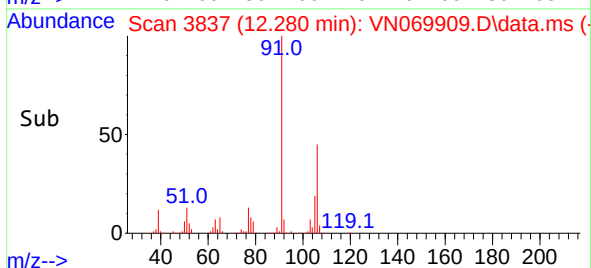
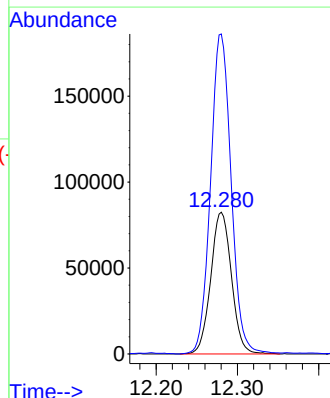
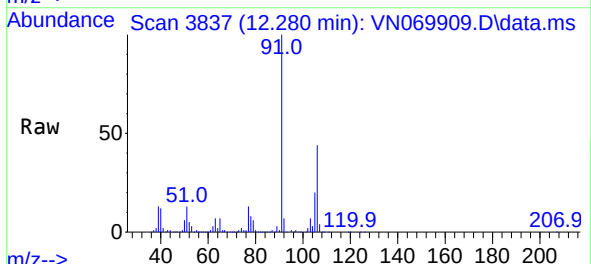
Instrument :
MSVOA_N
ClientSampleId :
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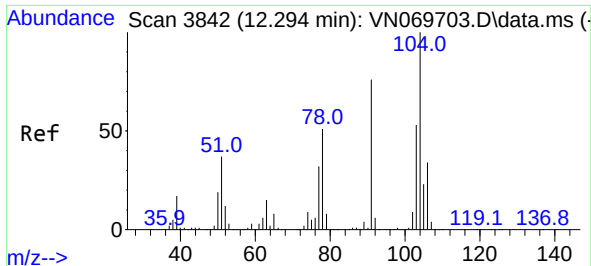
Tgt Ion:106 Resp: 222912
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8



#69
o-Xylene
Concen: 4.666 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:106 Resp: 146251
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

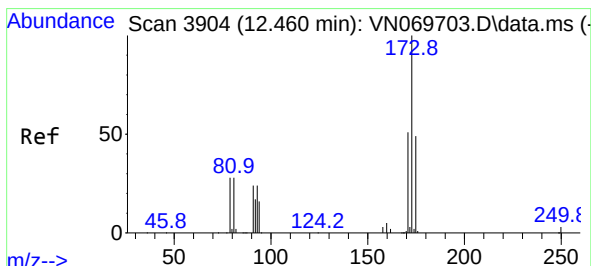
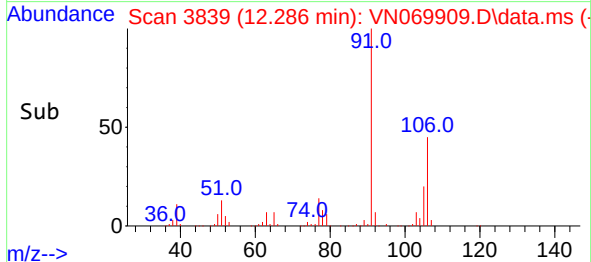
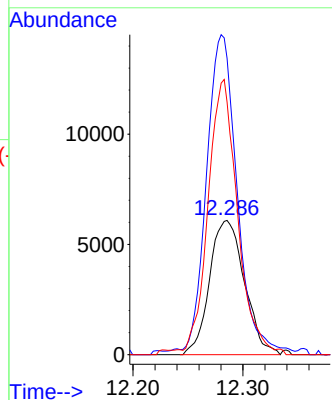
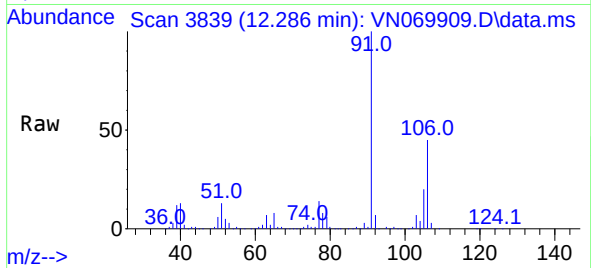




#70
Styrene
Concen: 0.271 ug/l
RT: 12.286 min Scan# 3842
Delta R.T. -0.008 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

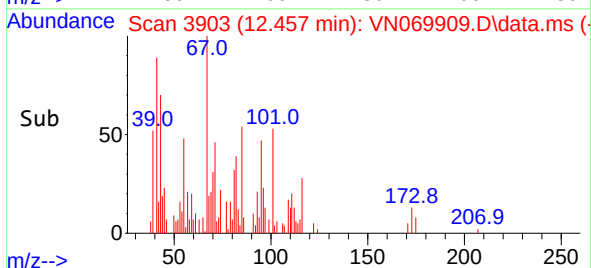
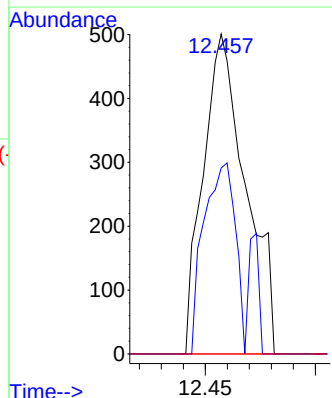
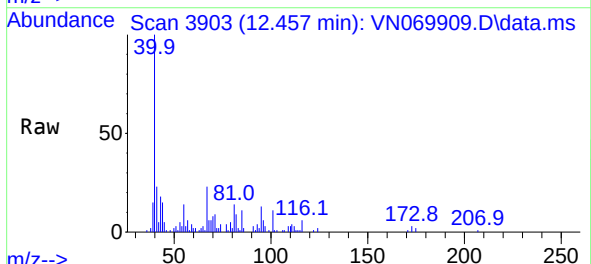
Instrument :
MSVOA_N
ClientSampleId :
MW-3

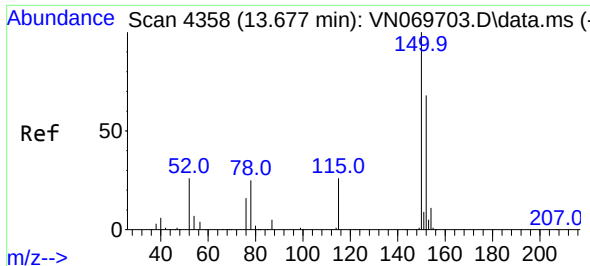
Tgt Ion:104 Resp: 13448
Ion Ratio Lower Upper
104 100
78 202.8 38.7 58.1#
103 173.2 45.0 67.6#



#71
Bromoform
Concen: 2.776 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:173 Resp: 676
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

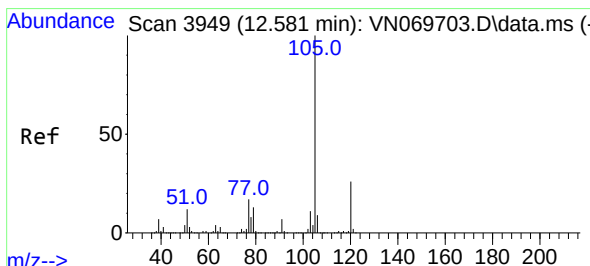
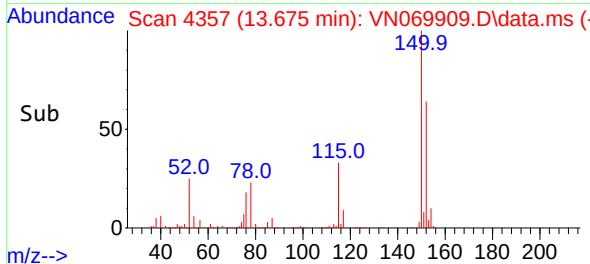
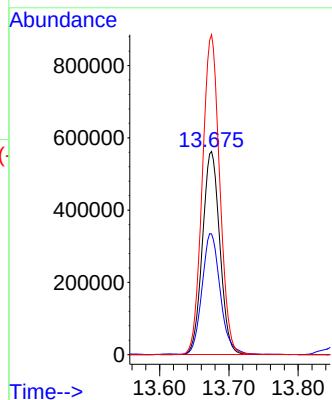
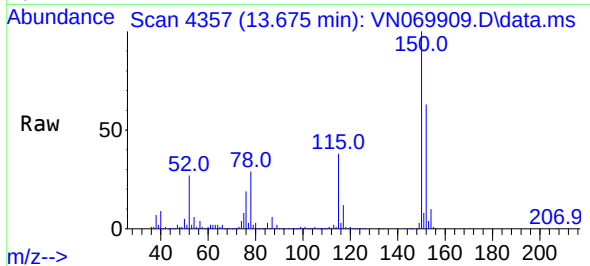




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

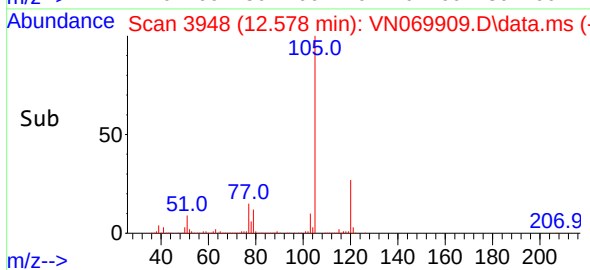
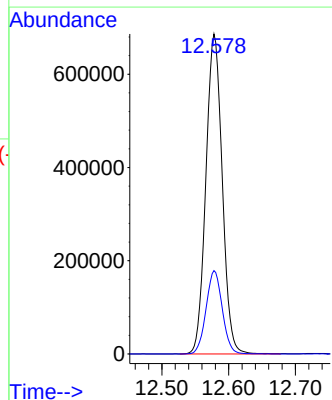
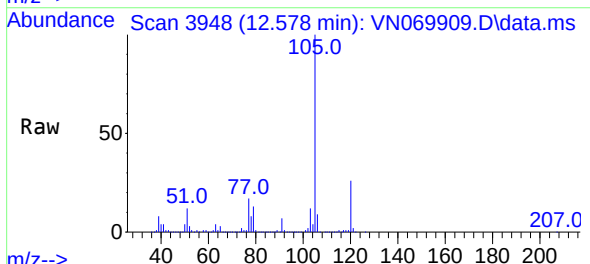
Instrument :
MSVOA_N
ClientSampleId :
MW-3

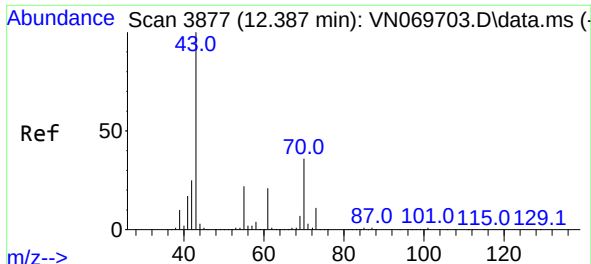
Tgt Ion:152 Resp: 979390
Ion Ratio Lower Upper
152 100
115 62.3 27.5 82.5
150 157.5 0.0 344.4



#73
Isopropylbenzene
Concen: 13.398 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:105 Resp: 1167460
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

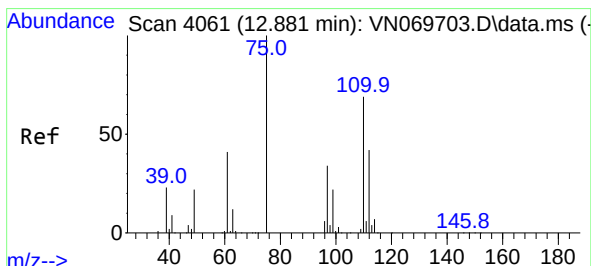
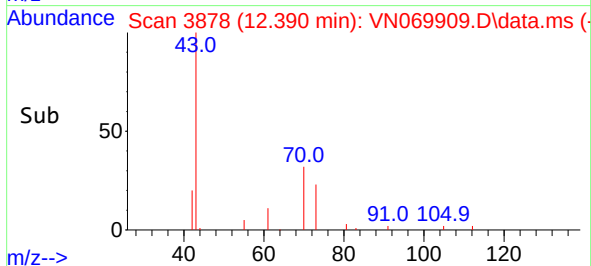
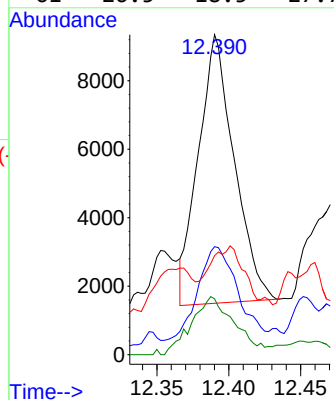
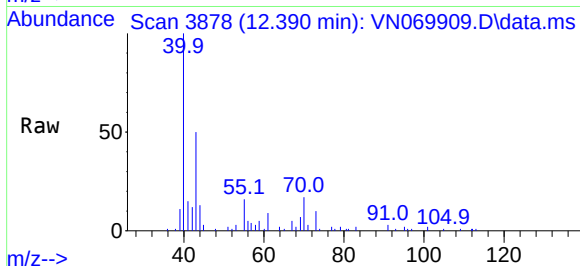




#74
N-amy1 acetate
Concen: 0.353 ug/l
RT: 12.390 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

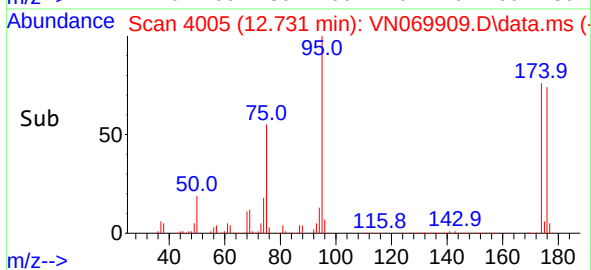
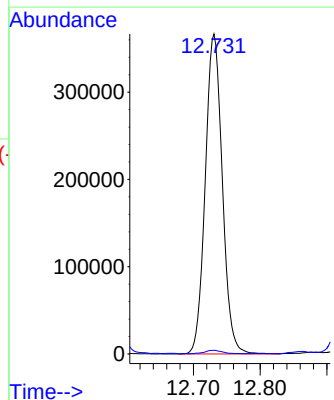
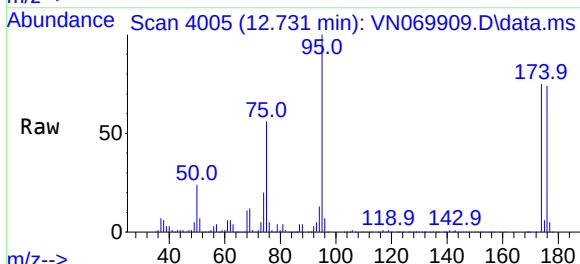
Instrument :
MSVOA_N
ClientSampleId :
MW-3

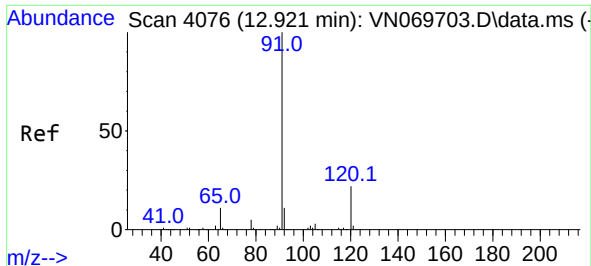
Tgt Ion:	43	Resp:	13604
Ion	Ratio	Lower	Upper
43	100		
70	38.6	33.4	50.0
55	20.6	19.3	28.9
61	26.5	18.5	27.7



#76
1,2,3-Trichloropropane
Concen: 23.185 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:	75	Resp:	651191
Ion	Ratio	Lower	Upper
75	100		
77	1.1	82.6	247.8#

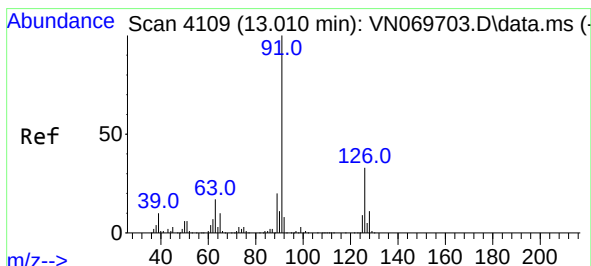
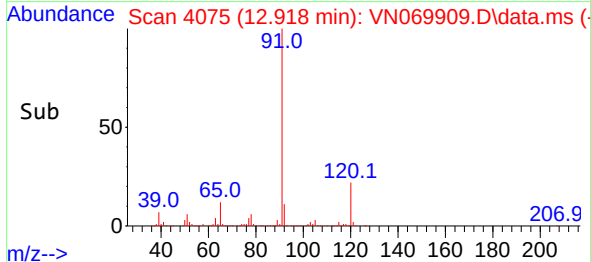
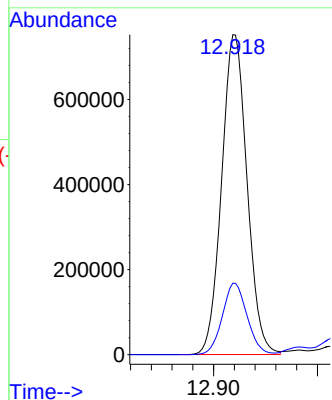
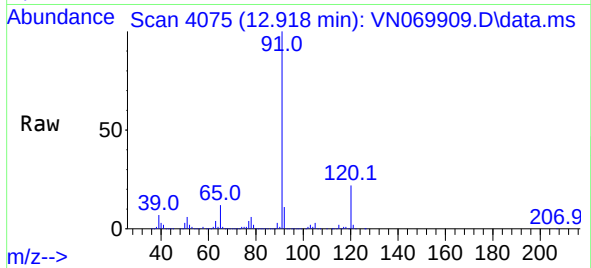




#78
n-propylbenzene
Concen: 13.171 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

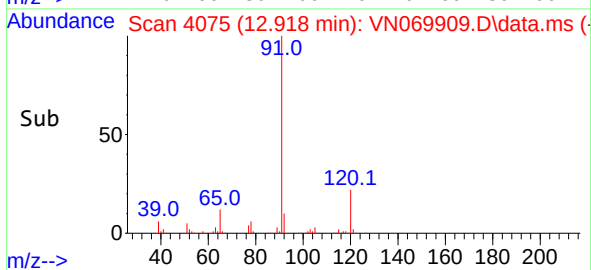
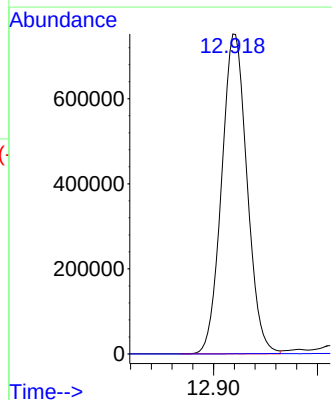
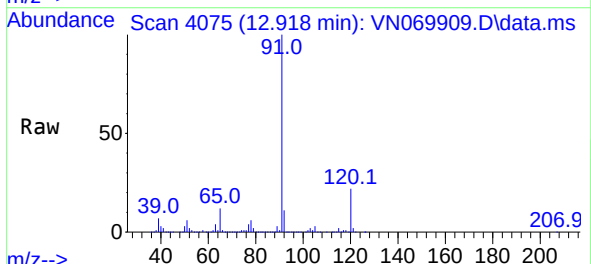
Instrument :
MSVOA_N
ClientSampleId :
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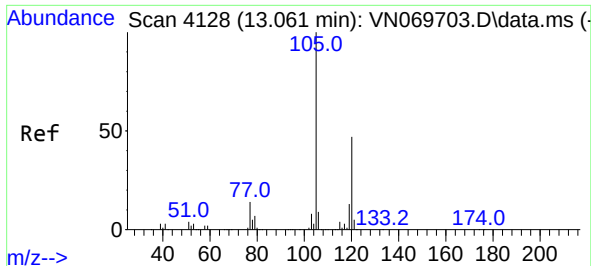
Tgt Ion: 91 Resp: 1277141
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 20.845 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.091 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 91 Resp: 1277141
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

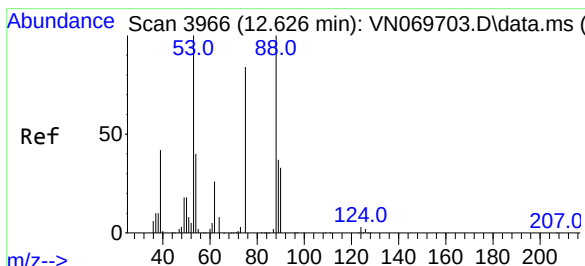
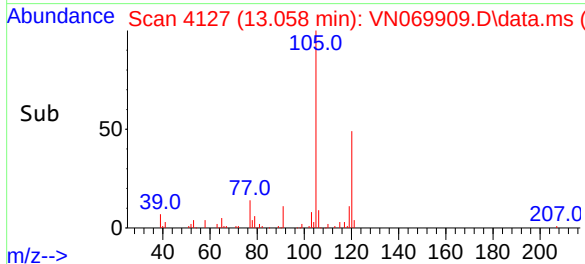
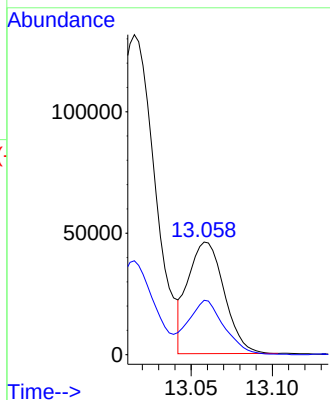
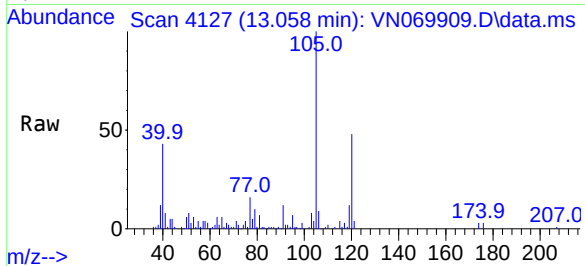




#80
1,3,5-Trimethylbenzene
Concen: 1.012 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

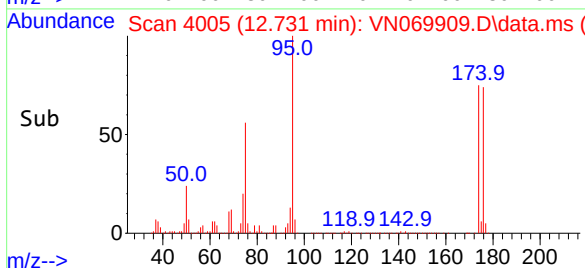
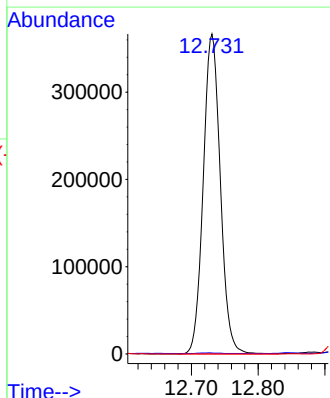
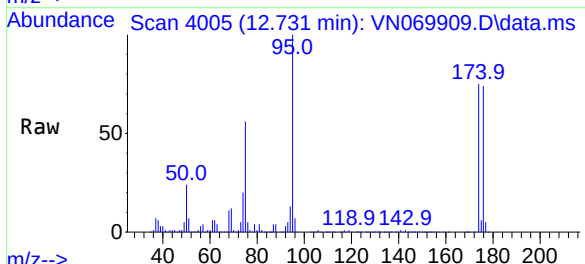
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MSVOA_N
ClientSampleId :
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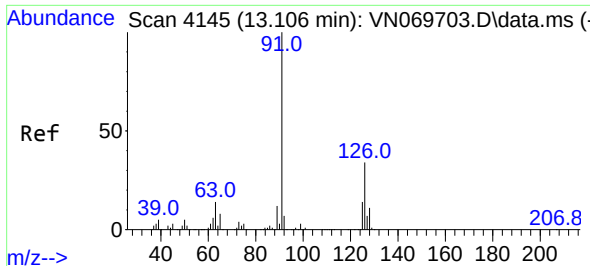
Tgt Ion:105 Resp: 70990
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 73.780 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 75 Resp: 651191
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

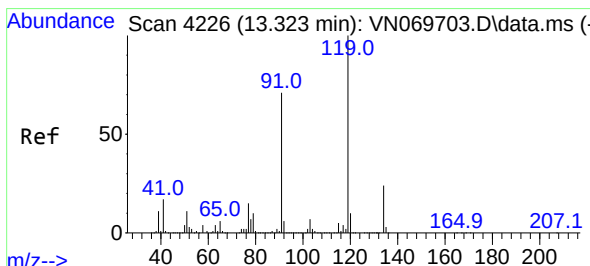
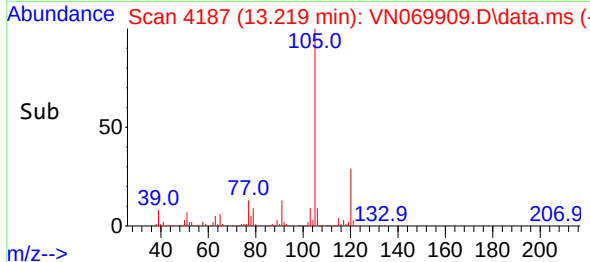
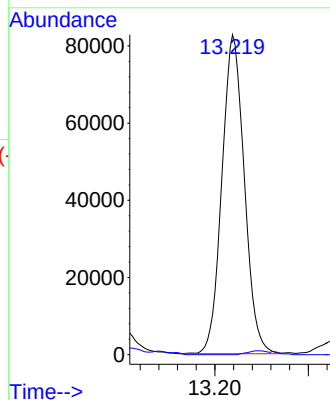
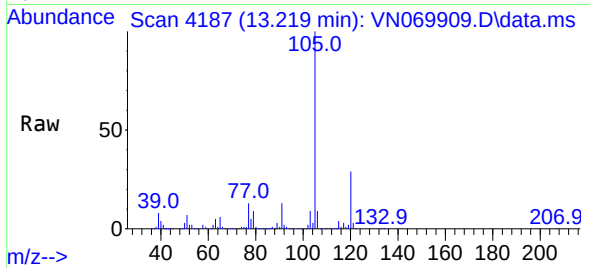




#82
4-Chlorotoluene
Concen: 2.388 ug/l
RT: 13.219 min Scan# 4145
Delta R.T. 0.113 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

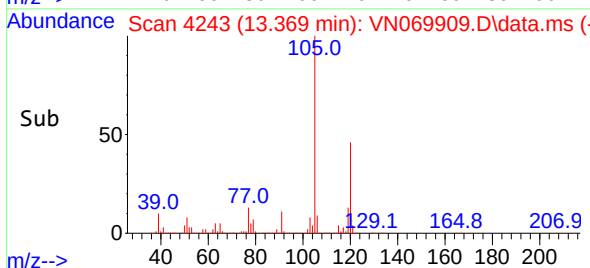
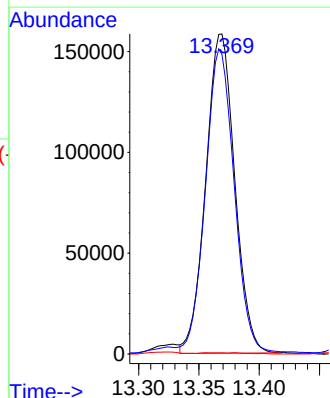
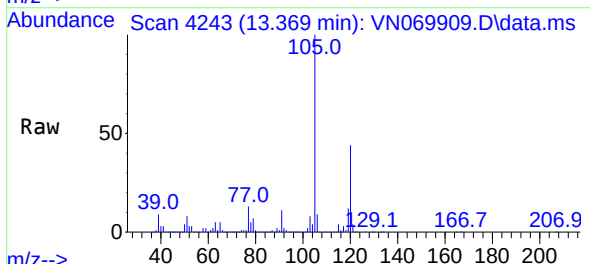
Instrument :
MSVOA_N
ClientSampleId :
MW-3

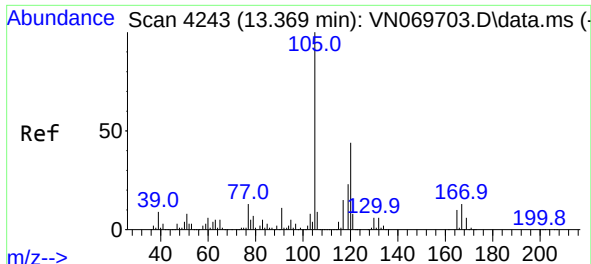
Tgt Ion: 91 Resp: 137604
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 4.274 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 119 Resp: 265461
Ion Ratio Lower Upper
119 100
91 94.1 31.5 94.5
134 0.0 12.4 37.4#

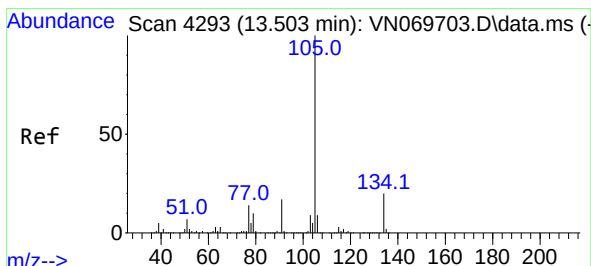
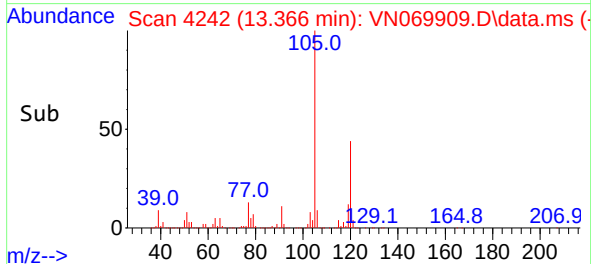
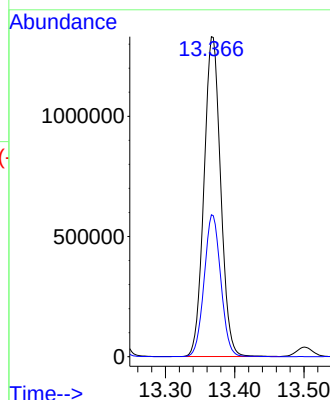
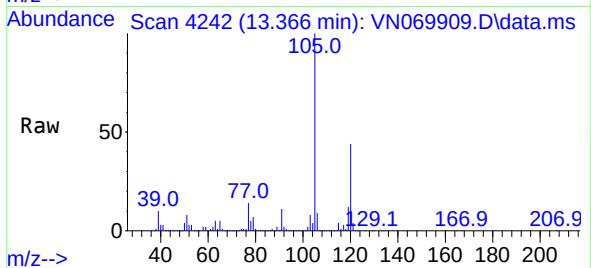




#84
1,2,4-Trimethylbenzene
Concen: 33.303 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

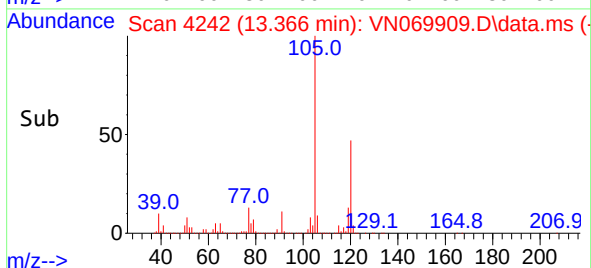
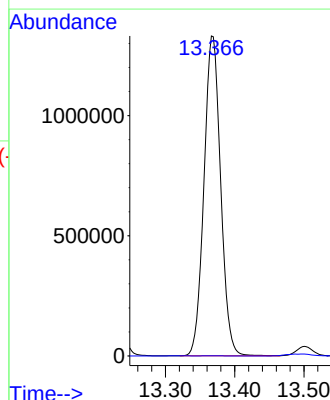
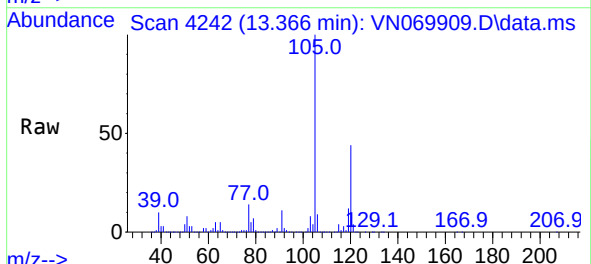
Instrument :
MSVOA_N
ClientSampleId :
MW-3

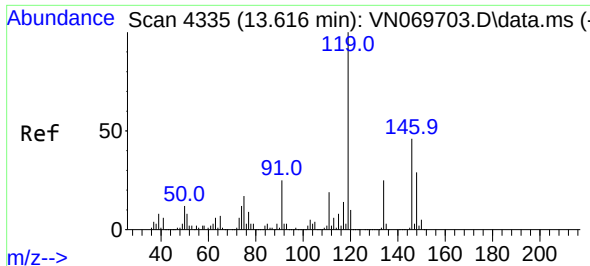
Tgt Ion:105 Resp: 2224462
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 26.407 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.137 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:105 Resp: 2224462
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

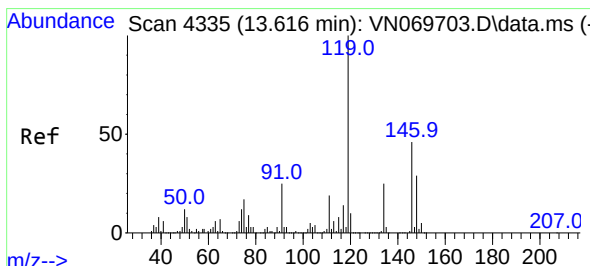
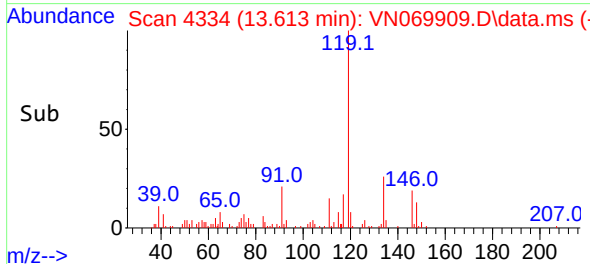
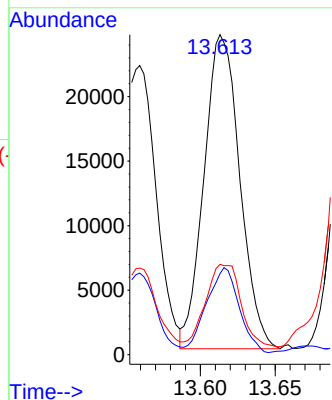
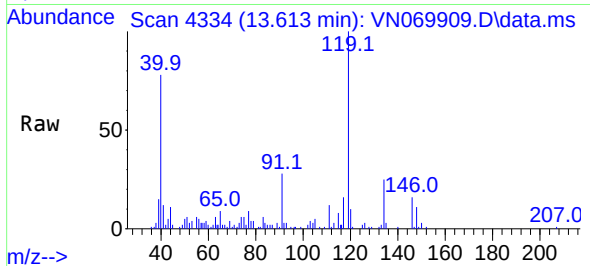




#86
p-Isopropyltoluene
Concen: 0.616 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

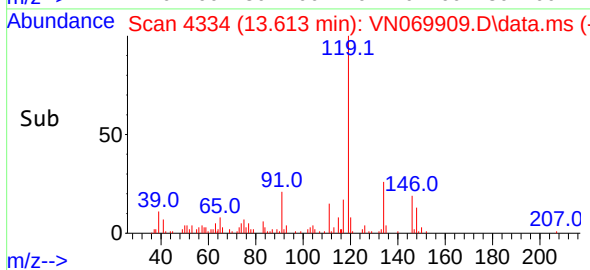
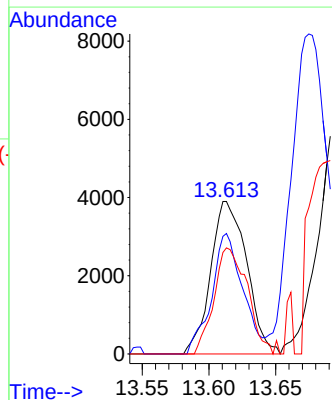
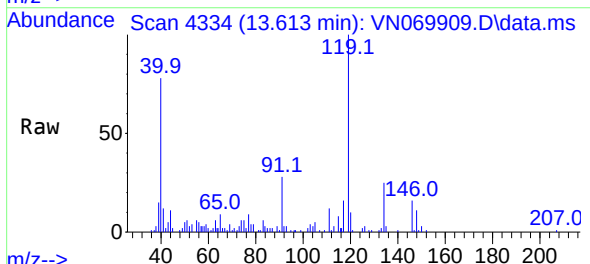
Instrument :
MSVOA_N
ClientSampleId :
MW-3

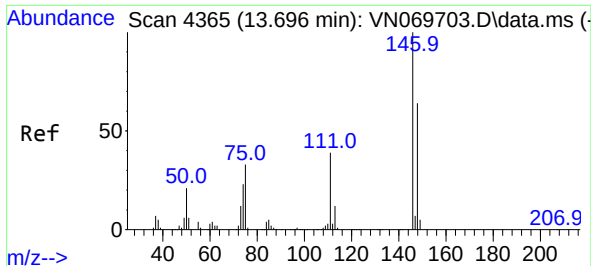
Tgt Ion:	119	Resp:	40552
Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.6	40.7
91	25.5	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 0.218 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:	146	Resp:	7322
Ion	Ratio	Lower	Upper
146	100		
111	68.1	18.6	55.6#
148	64.1	31.6	95.0

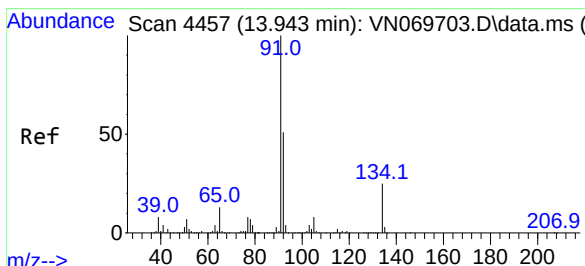
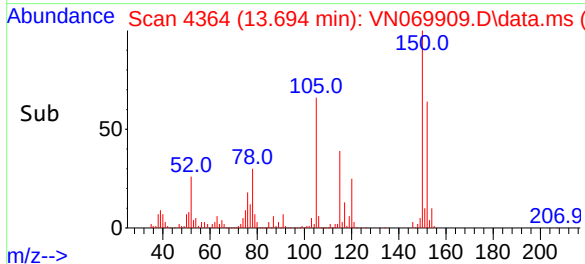
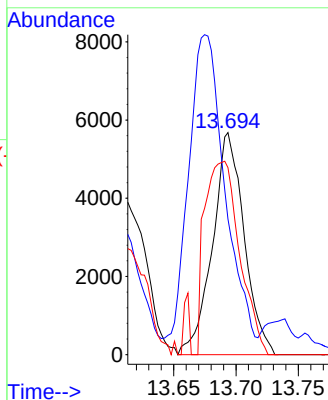
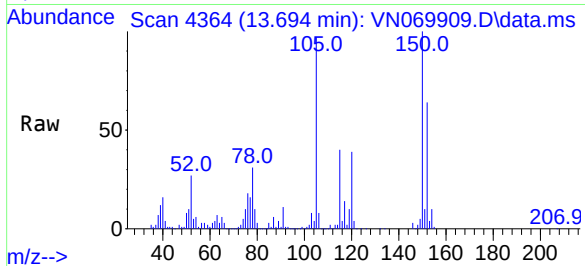




#88
1,4-Dichlorobenzene
Concen: 0.303 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

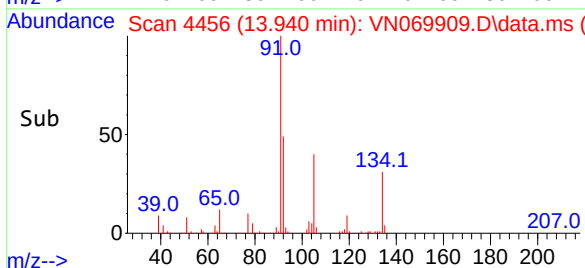
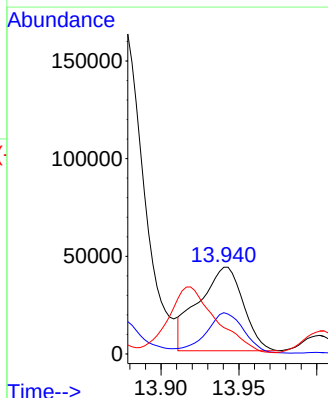
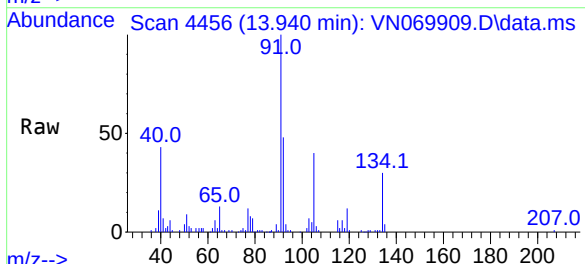
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MSVOA_N
ClientSampleId :
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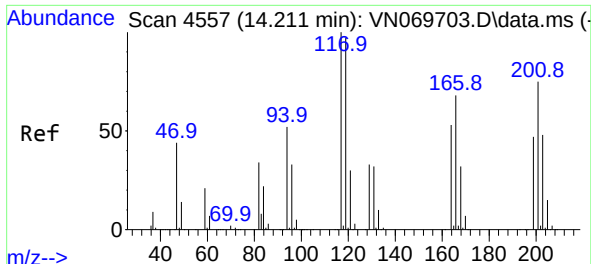
Tgt Ion:146 Resp: 10006
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 96.3 31.8 95.4#



#89
n-Butylbenzene
Concen: 1.597 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion: 91 Resp: 85322
Ion Ratio Lower Upper
91 100
92 40.8 25.4 76.0
134 0.0 13.6 40.8#

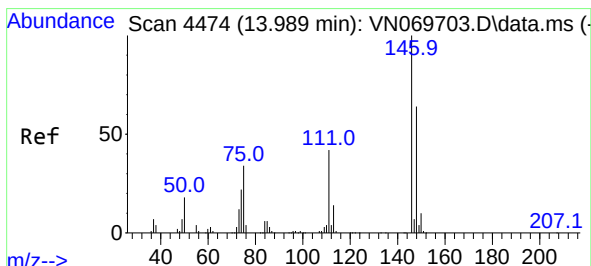
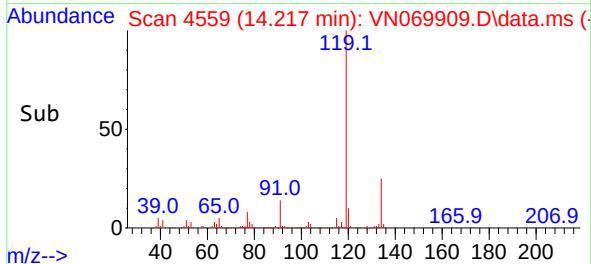
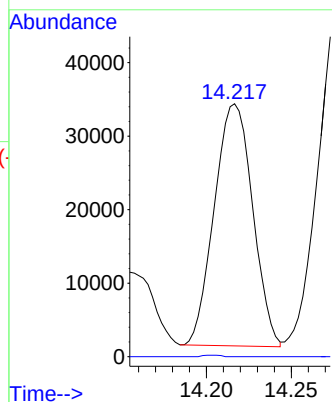
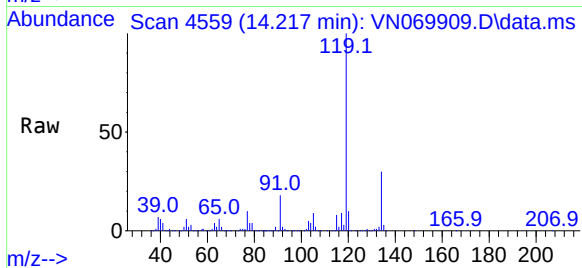




#90
Hexachloroethane
Concen: 4.483 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

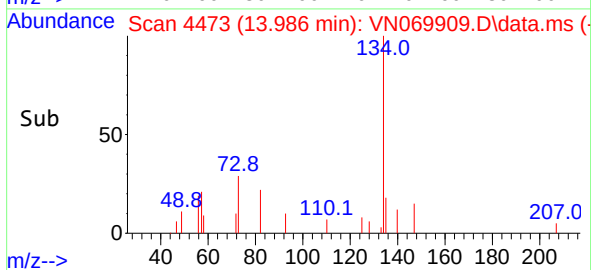
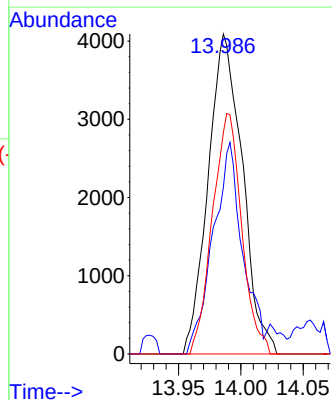
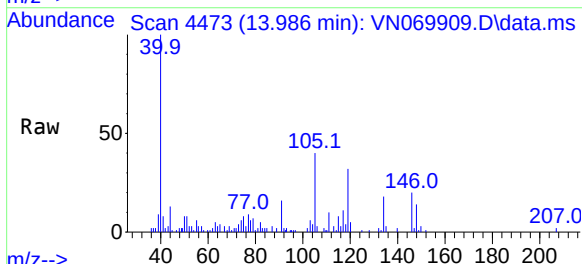
Instrument :
MSVOA_N
ClientSampleId :
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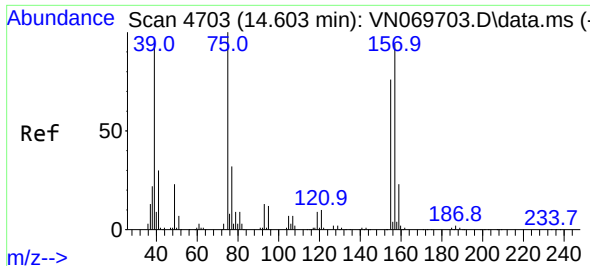
Tgt Ion:117 Resp: 51822
Ion Ratio Lower Upper
117 100
201 0.3 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.238 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:146 Resp: 7794
Ion Ratio Lower Upper
146 100
111 58.0 19.1 57.3#
148 64.6 32.1 96.3

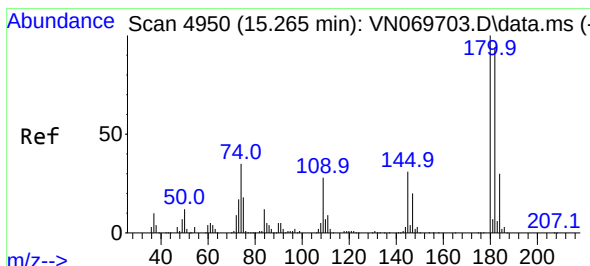
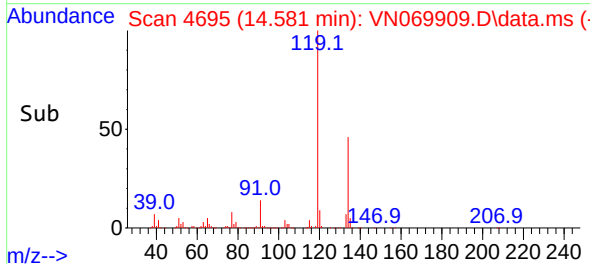
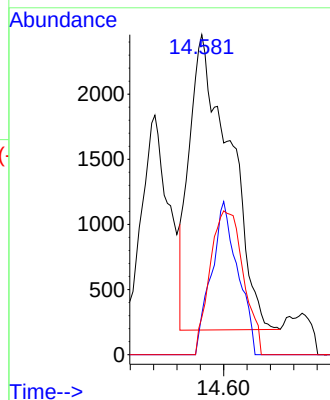
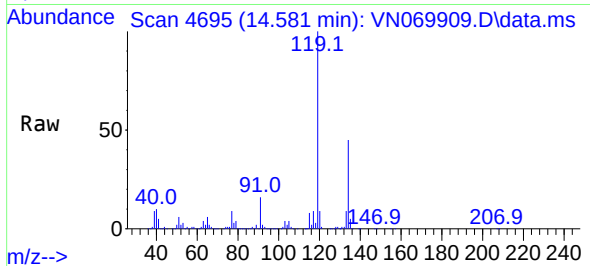




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.996 ug/l
RT: 14.581 min Scan# 41
Delta R.T. -0.021 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

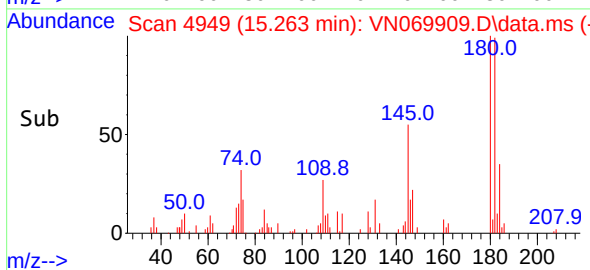
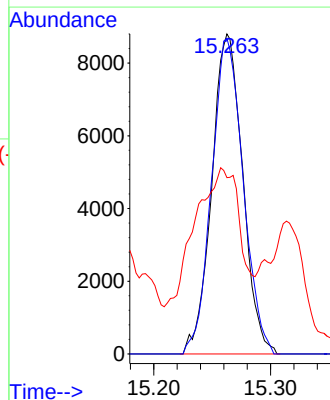
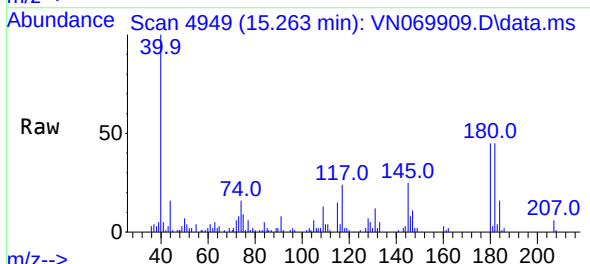
Instrument :
MSVOA_N
ClientSampleId :
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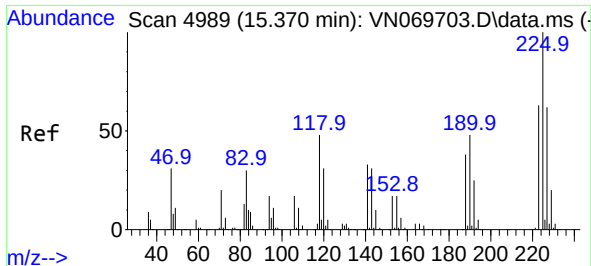
Tgt Ion: 75 Resp: 5422
Ion Ratio Lower Upper
75 100
155 33.9 46.9 140.7#
157 40.4 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.827 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

Tgt Ion:180 Resp: 16177
Ion Ratio Lower Upper
180 100
182 100.6 48.3 144.9
145 54.7 14.5 43.5#

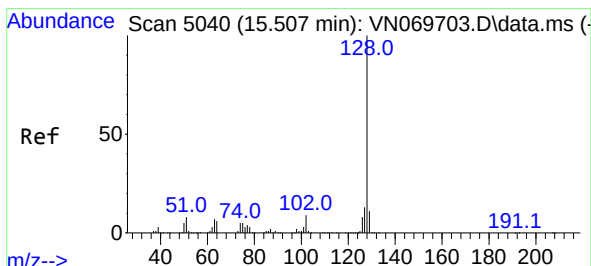
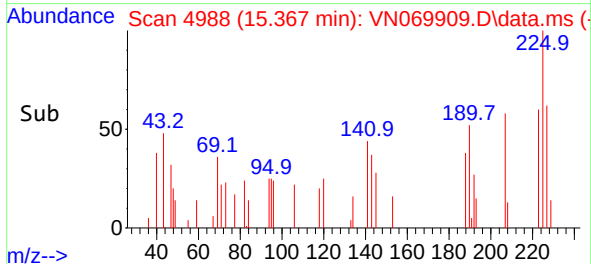
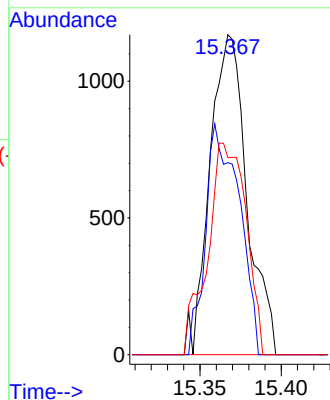
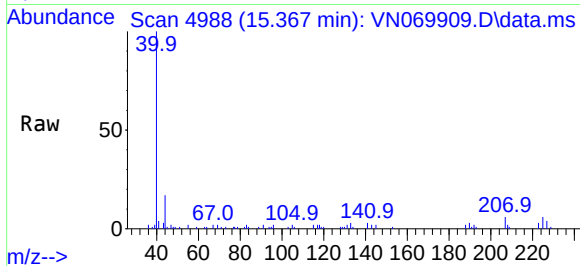




#94
Hexachlorobutadiene
Concen: 0.214 ug/l
RT: 15.367 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

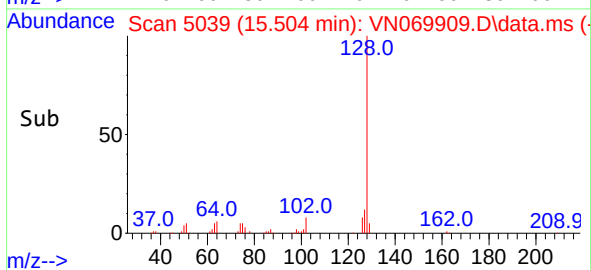
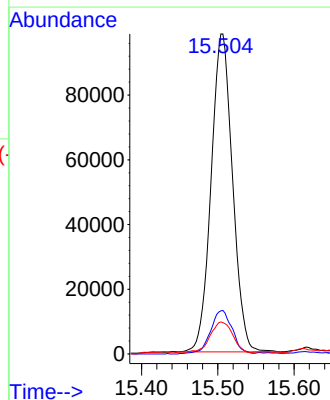
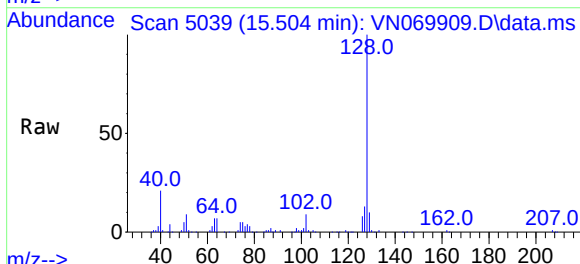
Instrument :
MSVOA_N
ClientSampleId :
MW-3

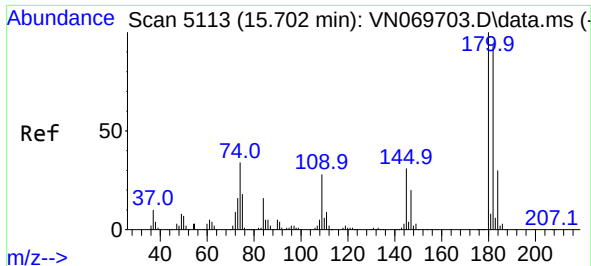
Tgt Ion:225 Resp: 1855
Ion Ratio Lower Upper
225 100
223 65.3 31.9 95.7
227 68.4 32.1 96.3



#95
Naphthalene
Concen: 7.672 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069909.D
Acq: 9 Dec 2021 14:13

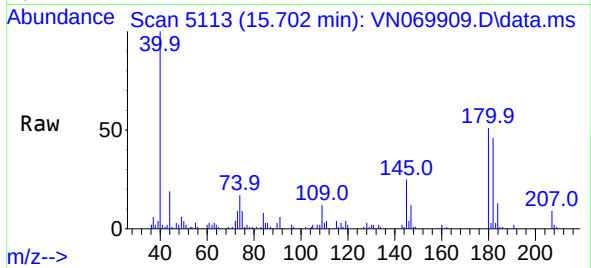
Tgt Ion:128 Resp: 191752
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.631 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN069909.D
 Acq: 9 Dec 2021 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3



Tgt Ion:180 Resp: 19677

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	38.0	15.0	45.1

