

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071098.D
 Acq On : 28 Feb 2022 16:06
 Operator : JC\MD
 Sample : N1689-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: Mar 01 04:22:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	813169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1283897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1125260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	438761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	486186	52.340	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.680%	
35) Dibromofluoromethane	8.016	113	368186	48.213	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.420%	
50) Toluene-d8	10.439	98	1562212	50.939	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.727	95	586492	53.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	2836	0.267	ug/l	100
6) Chloroethane	3.122	64	3434	0.493	ug/l #	42
11) Tert butyl alcohol	5.357	59	130692	77.202	ug/l	97
13) Acrolein	3.992	56	5353	3.539	ug/l #	1
15) Acrylonitrile	5.557	53	1131	0.227	ug/l #	59
16) Acetone	4.292	43	30421	5.947	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	73769	2.642	ug/l #	7
22) Diisopropyl ether	6.492	45	16289	0.559	ug/l	90
25) 2-Butanone	7.339	43	23256	3.417	ug/l	99
29) Tetrahydrofuran	7.692	42	2361	0.536	ug/l #	71
31) Cyclohexane	8.086	56	81199	5.054	ug/l #	86
36) 1,1-Dichloropropene	8.080	75	64408	5.148	ug/l #	48
37) Ethyl Acetate	7.339	43	23256	1.733	ug/l #	68
38) Carbon Tetrachloride	8.080	117	79070	6.414	ug/l #	16
39) Methylcyclohexane	9.457	83	35159	2.184	ug/l #	86
40) Benzene	8.457	78	4194599	113.341	ug/l	97
42) 1,2-Dichloroethane	8.457	62	36013	2.857	ug/l #	76
43) Isopropyl Acetate	8.651	43	40280	1.905	ug/l #	57
48) Methyl methacrylate	9.627	41	3856	0.385	ug/l #	67
49) 1,4-Dioxane	9.574	88	532	2.992	ug/l #	66
51) 4-Methyl-2-Pentanone	10.321	43	7057	0.548	ug/l	94
52) Toluene	10.504	92	290793	12.505	ug/l	97
55) 1,1,2-Trichloroethane	10.880	97	2830	0.311	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.039	63	72	31.822	ug/l #	45
59) 2-Hexanone	11.080	43	19181	2.167	ug/l	69
67) Ethyl Benzene	11.839	91	2363514	55.692	ug/l	98
68) m/p-Xylenes	11.951	106	1189042	72.534	ug/l	98
69) o-Xylene	12.274	106	808168	50.468	ug/l	98
70) Styrene	12.274	104	45099	1.771	ug/l #	1
73) Isopropylbenzene	12.574	105	121933	3.453	ug/l	99
74) N-amyl acetate	12.386	43	8815	0.781	ug/l #	89
76) 1,2,3-Trichloropropane	12.727	75	297321	28.780	ug/l #	1
78) n-propylbenzene	12.915	91	309478	7.799	ug/l	98
79) 2-Chlorotoluene	13.010	91	35692	1.481	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.057	105	272079	9.509	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	297321	93.262	ug/l #	5

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

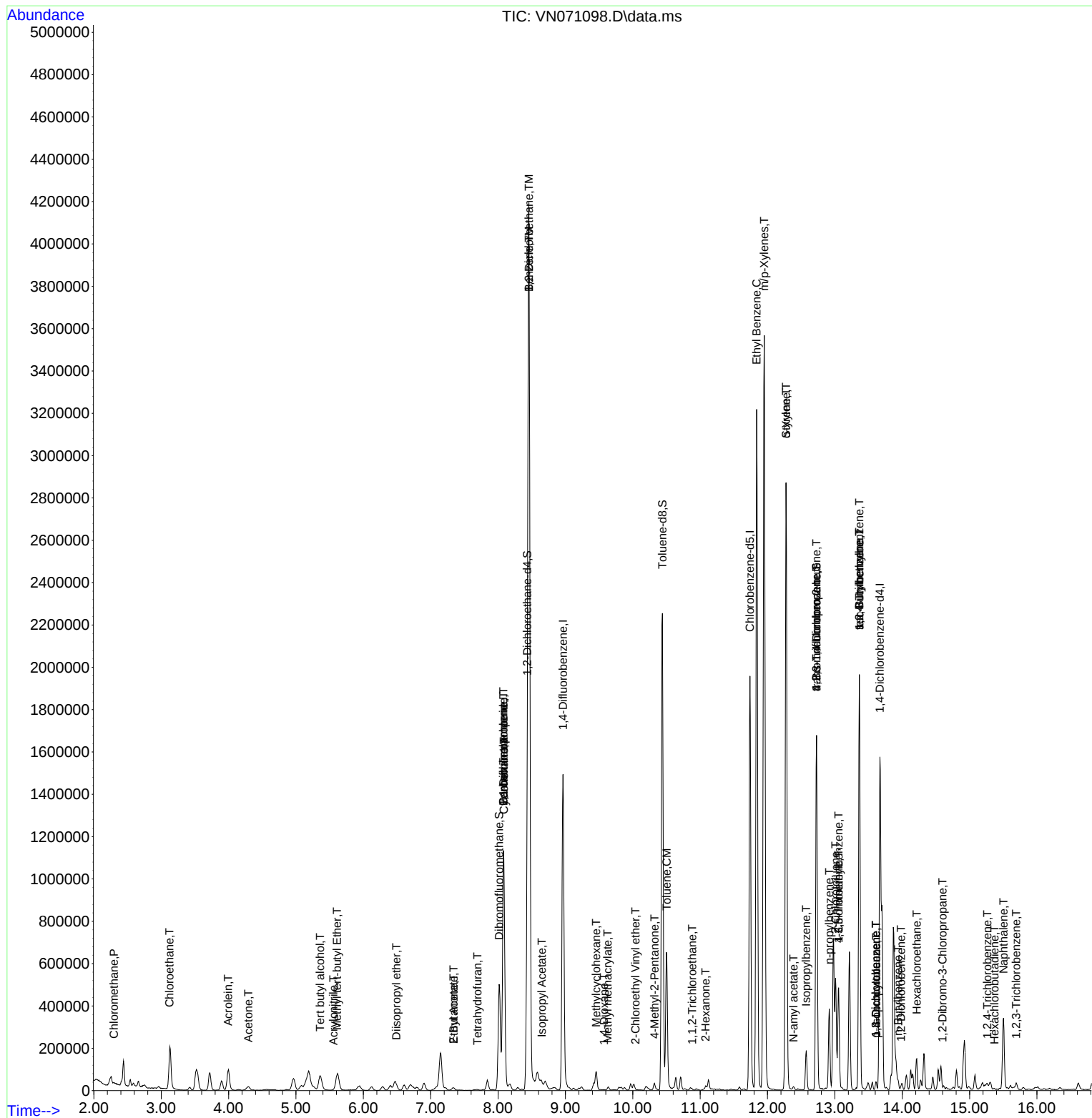
82) 4-Chlorotoluene	13.057	91	28948	1.238	ug/l #	38
83) tert-Butylbenzene	13.362	119	140996	5.196	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.362	105	1113968	39.552	ug/l	99
85) sec-Butylbenzene	13.362	105	1113597	31.146	ug/l #	56
86) p-Isopropyltoluene	13.615	119	14915	0.508	ug/l	98
87) 1,3-Dichlorobenzene	13.609	146	4706	0.307	ug/l	89
88) 1,4-Dichlorobenzene	13.609	146	4706	0.314	ug/l	89
89) n-Butylbenzene	13.939	91	23143	0.966	ug/l #	80
90) Hexachloroethane	14.215	117	8322	1.588	ug/l #	6
91) 1,2-Dichlorobenzene	13.980	146	5200	0.362	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.598	75	890	0.489	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	9055	3.075	ug/l #	84
94) Hexachlorobutadiene	15.368	225	1191	0.227	ug/l	86
95) Naphthalene	15.503	128	324132	19.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	10187	3.815	ug/l #	82

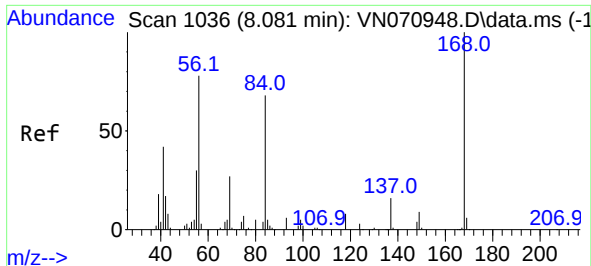
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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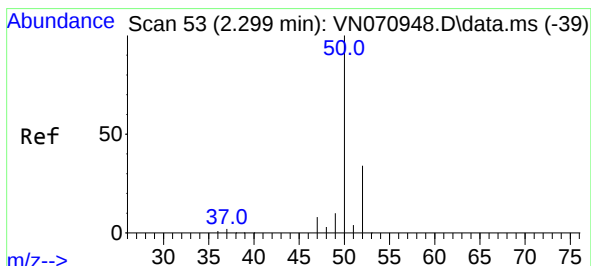
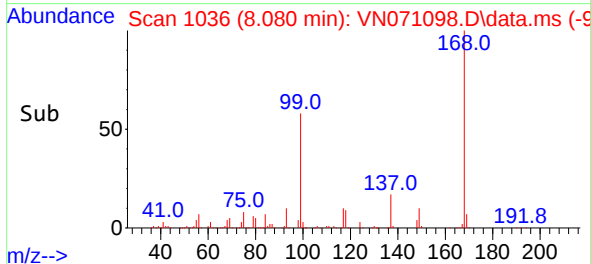
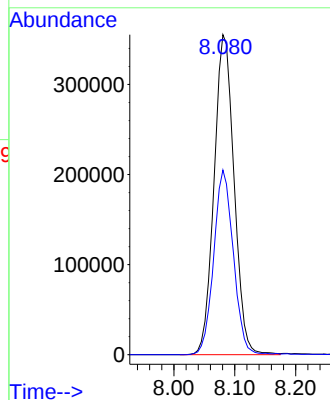
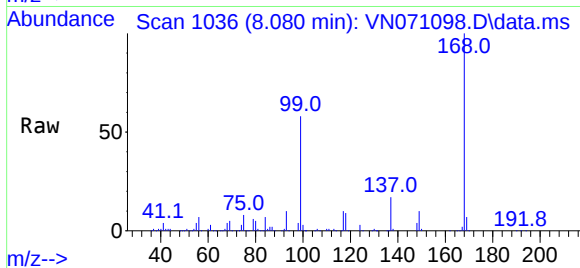




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

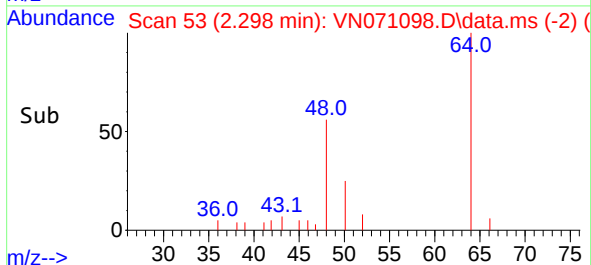
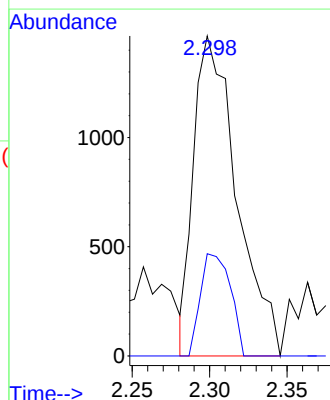
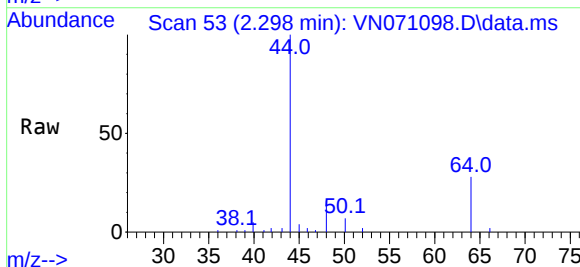
Instrument :
MSVOA_N
ClientSampleId :
MW-38

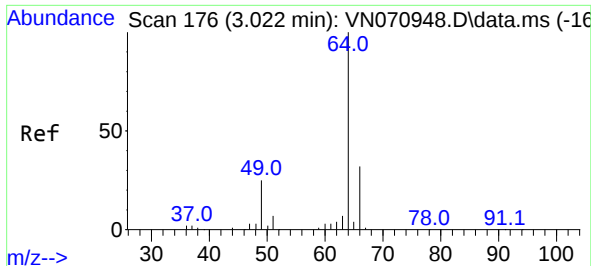
Tgt Ion:168 Resp: 813169
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 50 Resp: 2836
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

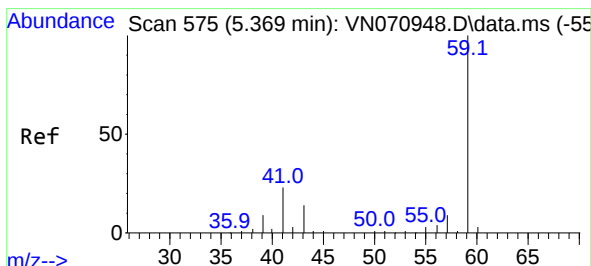
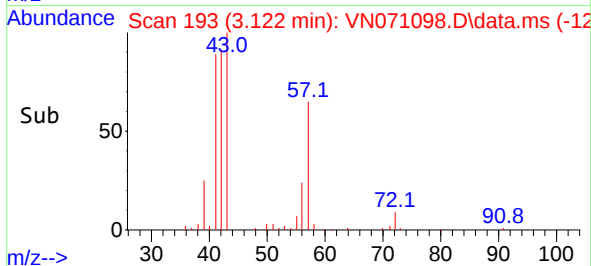
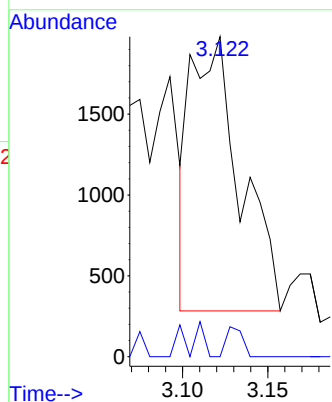
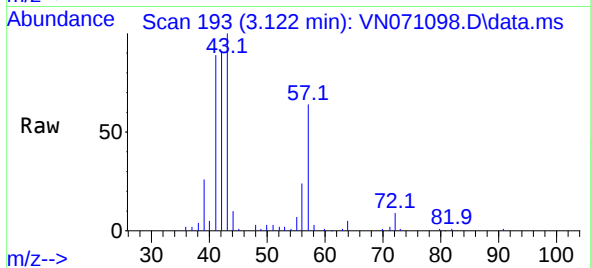




#6
Chloroethane
Concen: 0.493 ug/l
RT: 3.122 min Scan# 193
Delta R.T. 0.100 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

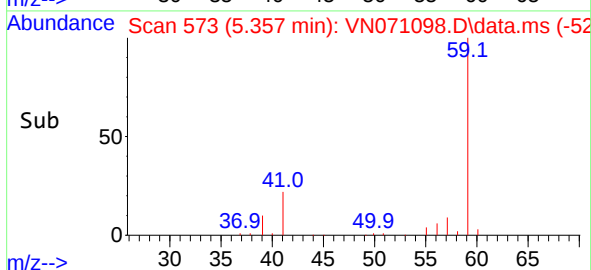
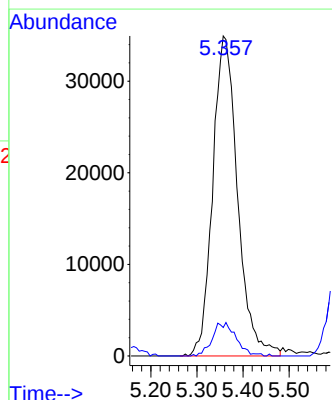
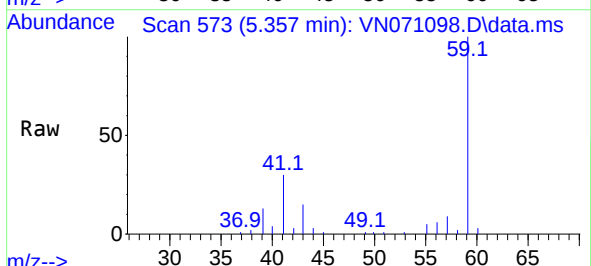
Instrument :
MSVOA_N
ClientSampleId :
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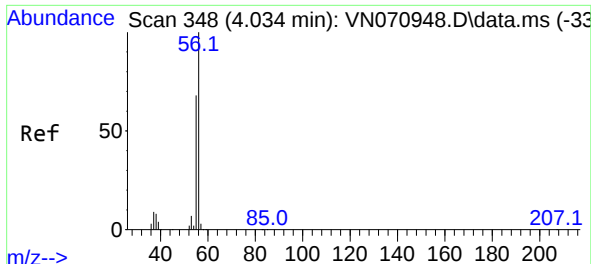
Tgt Ion: 64 Resp: 3434
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 77.202 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 59 Resp: 130692
Ion Ratio Lower Upper
59 100
57 9.8 8.7 13.1

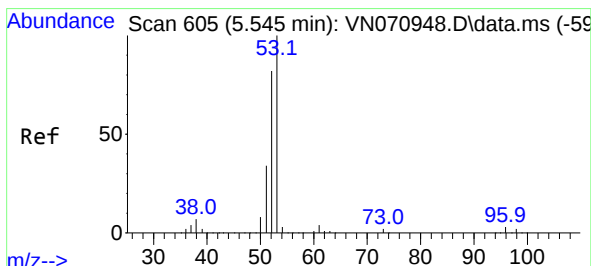
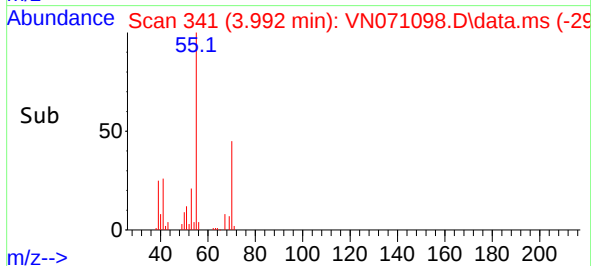
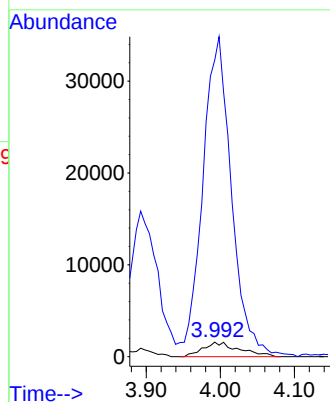
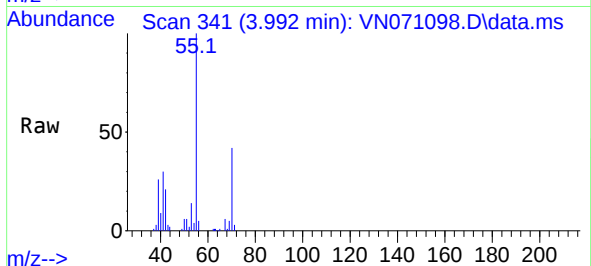




#13
Acrolein
Concen: 3.539 ug/l
RT: 3.992 min Scan# 341
Delta R.T. -0.042 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

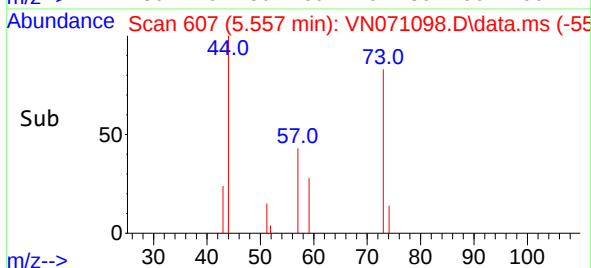
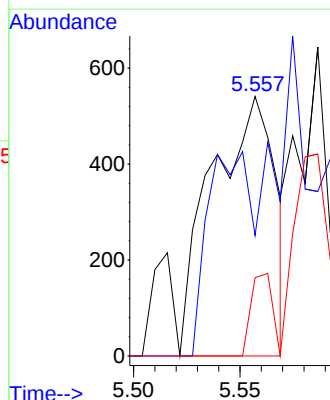
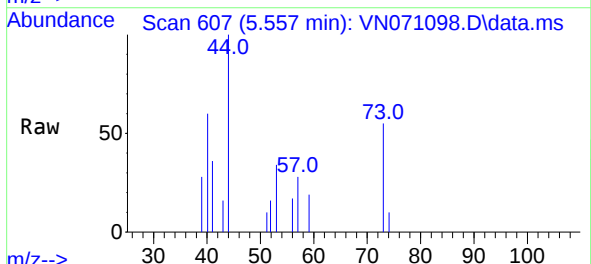
Instrument :
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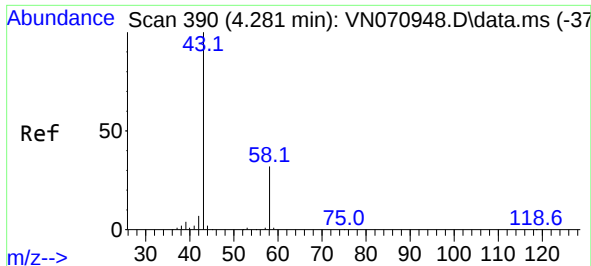
Tgt Ion: 56 Resp: 5353
Ion Ratio Lower Upper
56 100
55 1756.4 56.6 85.0#



#15
Acrylonitrile
Concen: 0.227 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 53 Resp: 1131
Ion Ratio Lower Upper
53 100
52 54.8 66.2 99.2#
51 0.0 29.6 44.4#

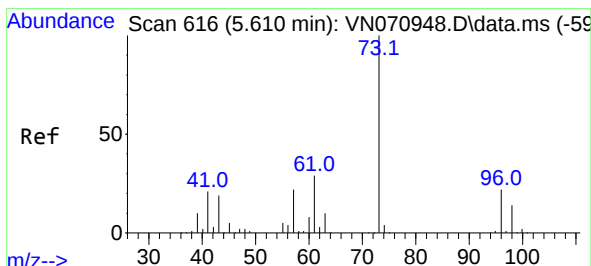
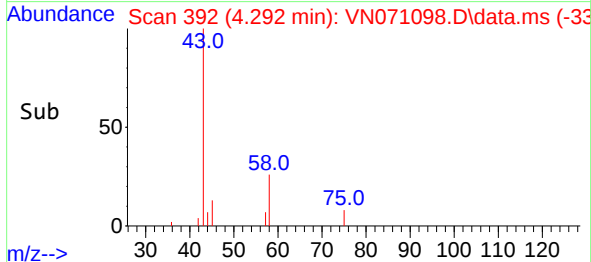
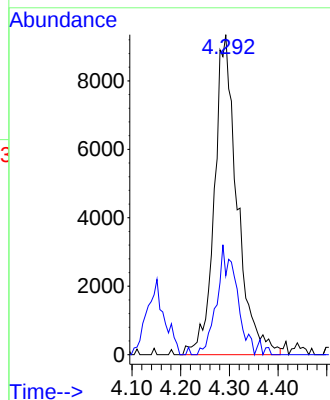
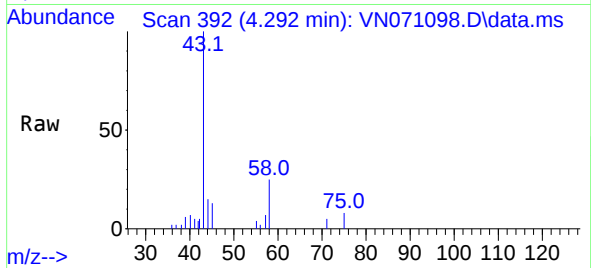




#16
Acetone
Concen: 5.947 ug/l
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

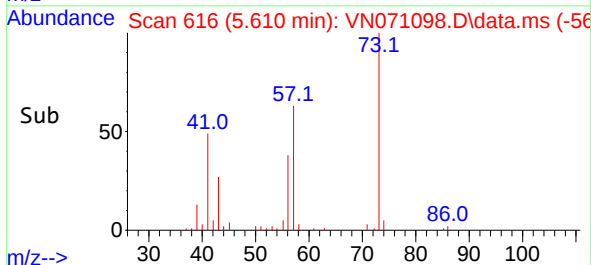
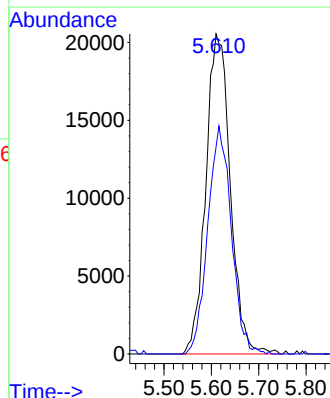
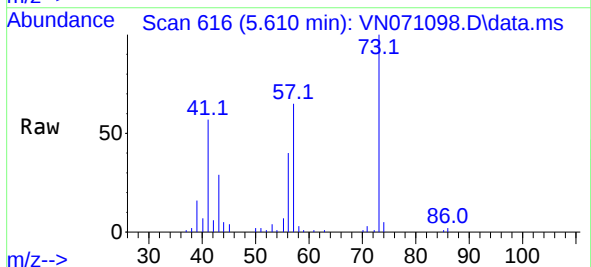
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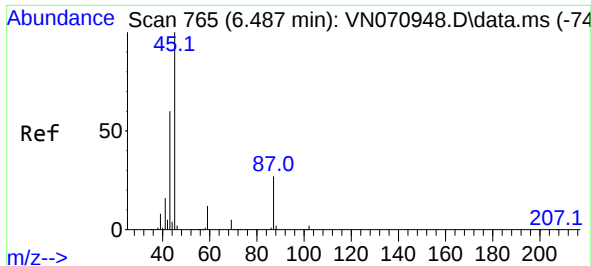
Tgt Ion: 43 Resp: 30421
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 2.642 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

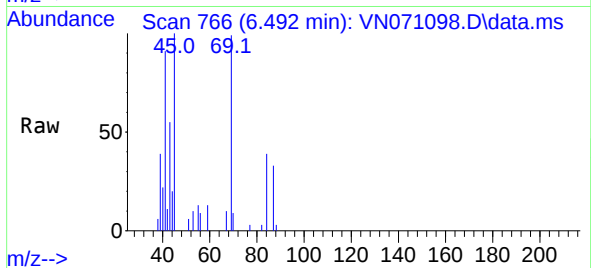
Tgt Ion: 73 Resp: 73769
Ion Ratio Lower Upper
73 100
57 64.6 16.8 25.2#



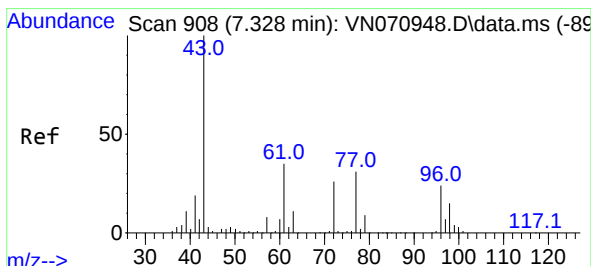
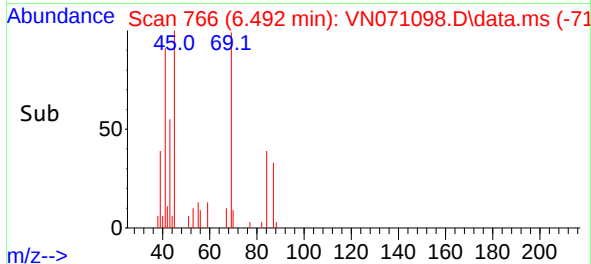
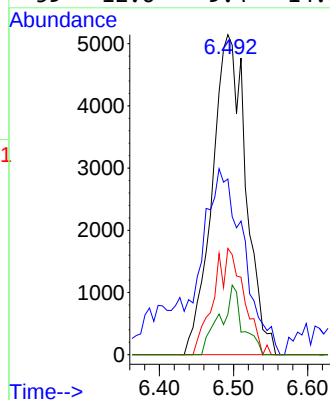


#22
Diisopropyl ether
Concen: 0.559 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
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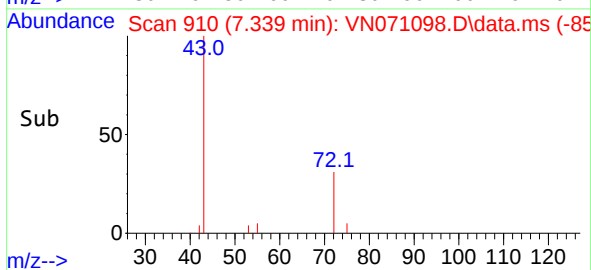
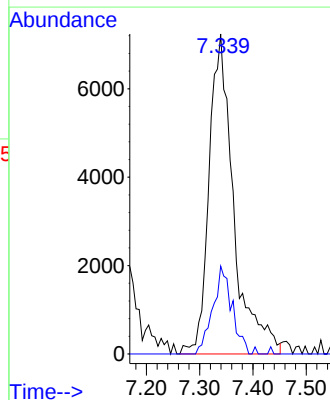
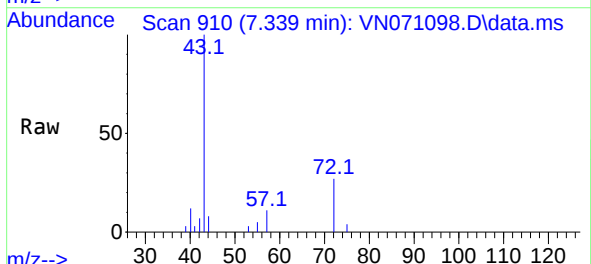


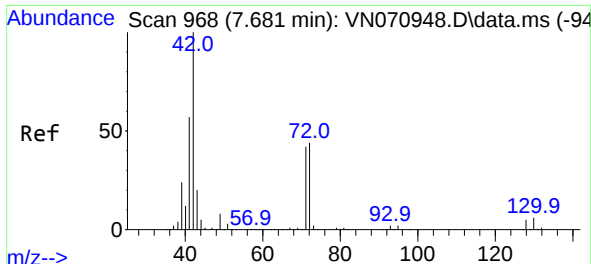
Tgt Ion:	45	Resp:	16289
Ion	Ratio	Lower	Upper
45	100		
43	54.9	51.7	77.5
87	33.2	23.2	34.8
59	12.6	9.4	14.0



#25
2-Butanone
Concen: 3.417 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:	43	Resp:	23256
Ion	Ratio	Lower	Upper
43	100		
72	27.5	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.536 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

MW-38

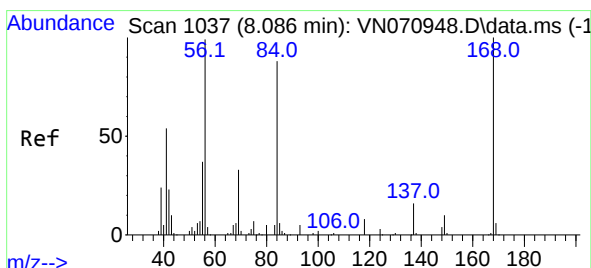
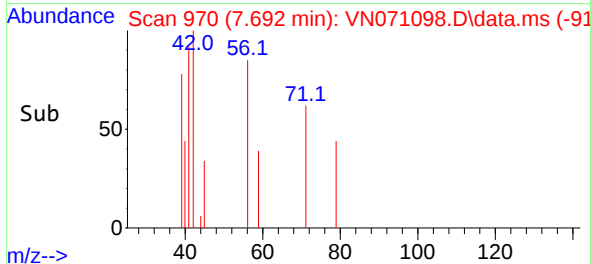
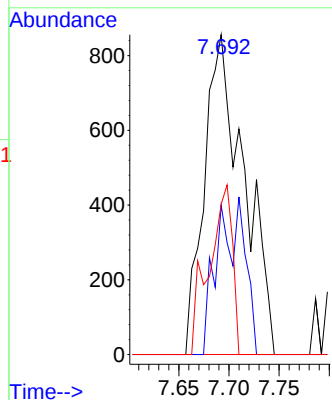
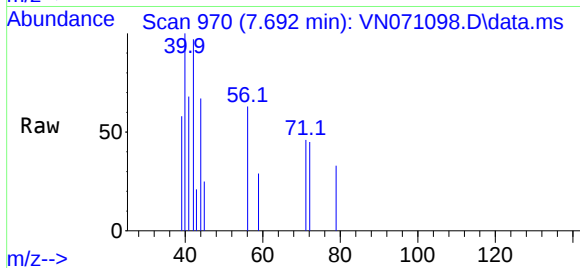
Tgt Ion: 42 Resp: 2361

Ion Ratio Lower Upper

42 100

72 20.5 36.3 54.5#

71 31.3 34.7 52.1#



#31

Cyclohexane

Concen: 5.054 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

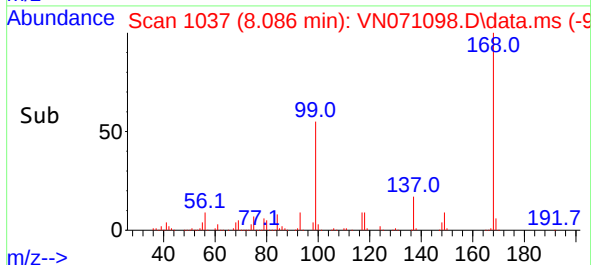
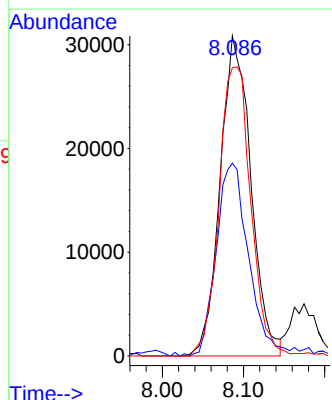
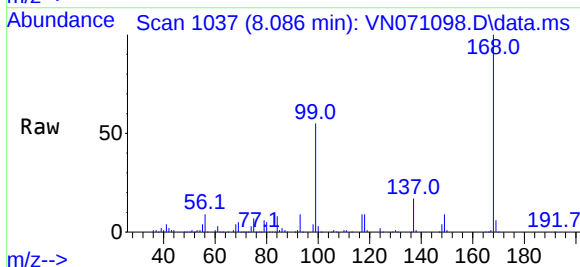
Tgt Ion: 56 Resp: 81199

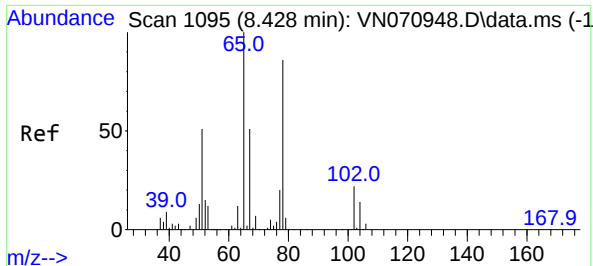
Ion Ratio Lower Upper

56 100

69 60.3 27.1 40.7#

84 90.0 73.4 110.0

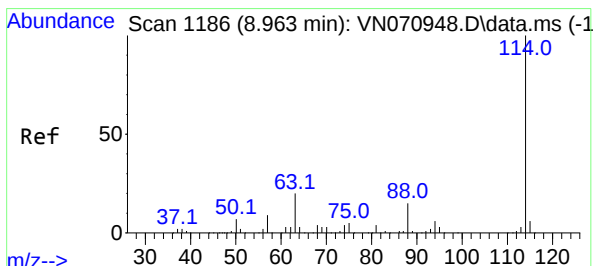
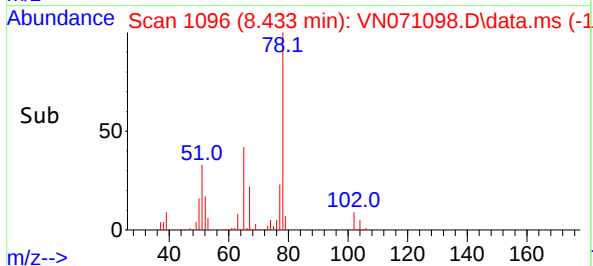
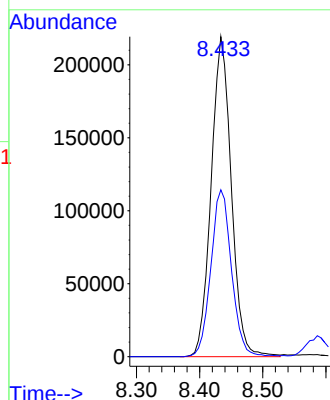
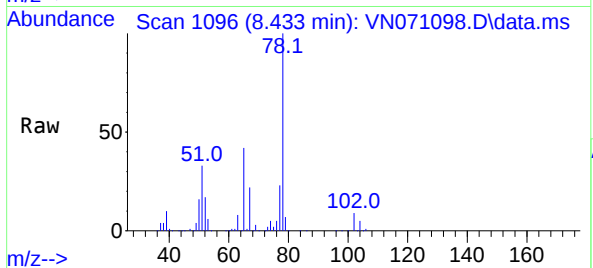




#33
1,2-Dichloroethane-d4
Concen: 52.340 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

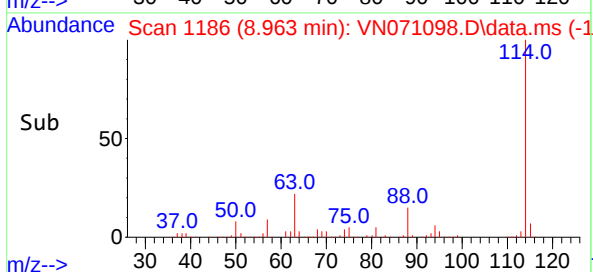
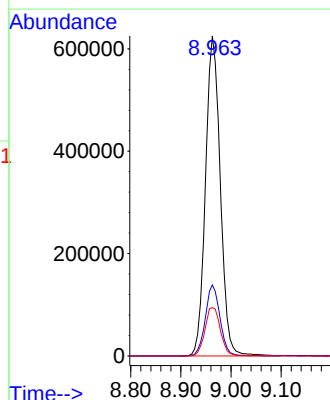
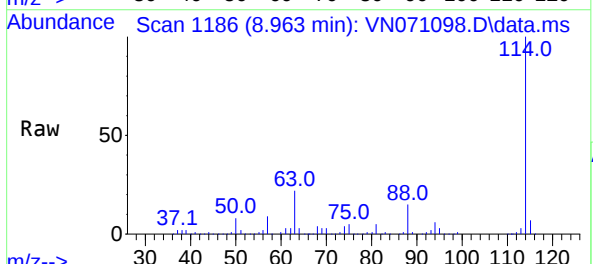
Instrument :
MSVOA_N
ClientSampleId :
MW-38

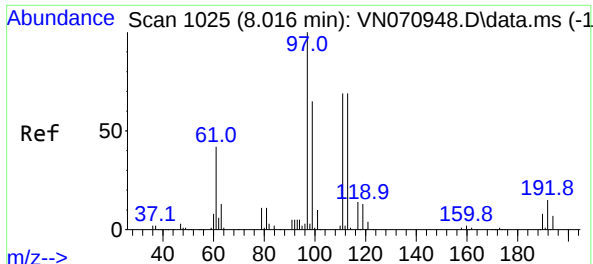
Tgt Ion: 65 Resp: 486186
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:114 Resp: 1283897
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 15.1 0.0 27.4

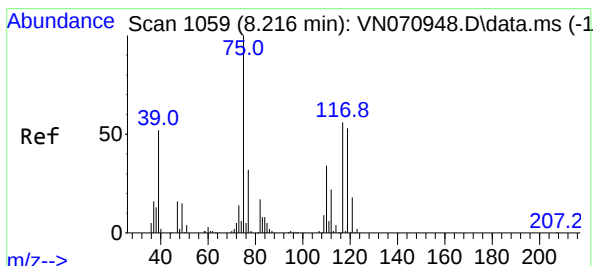
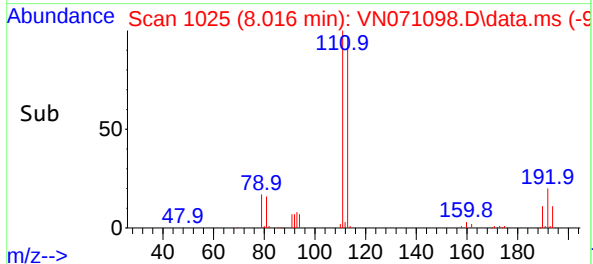
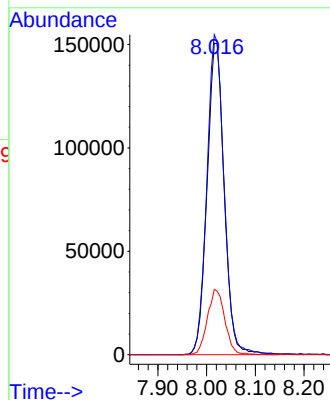
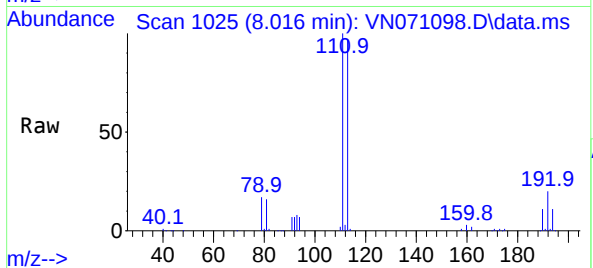




#35
Dibromofluoromethane
Concen: 48.213 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

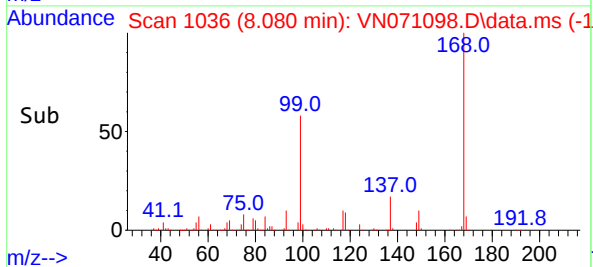
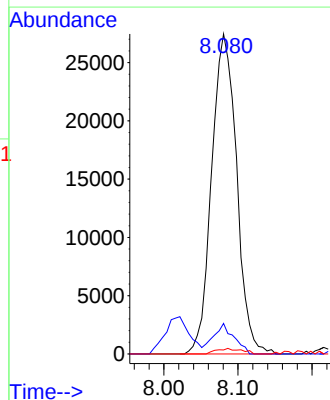
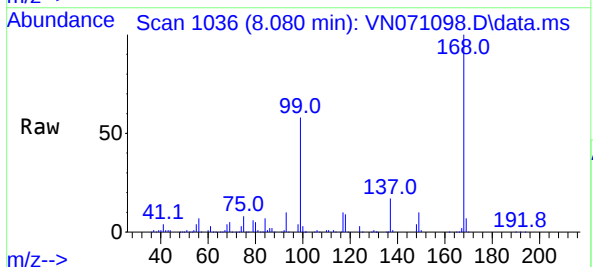
Instrument :
MSVOA_N
ClientSampleId :
MW-38

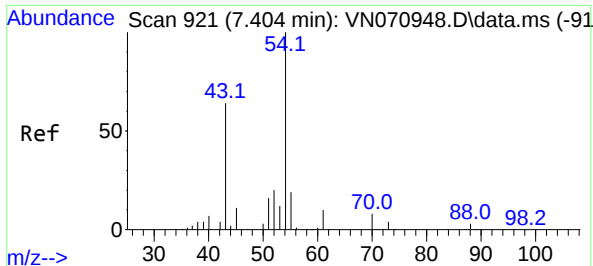
Tgt Ion:113 Resp: 368186
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 75 Resp: 64408
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#

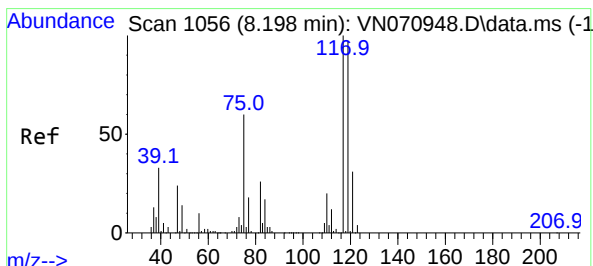
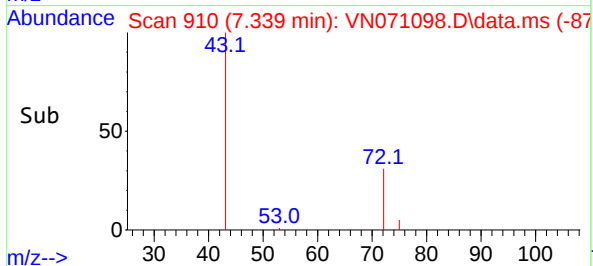
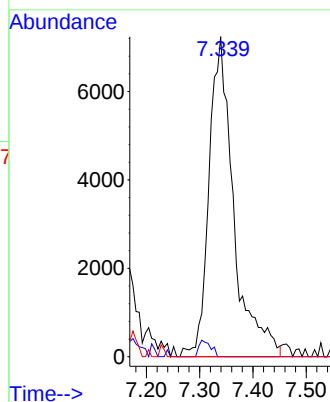
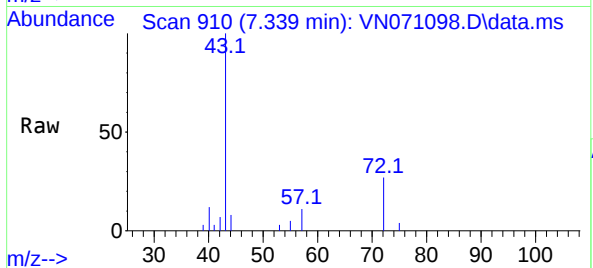




#37
Ethyl Acetate
Concen: 1.733 ug/l
RT: 7.339 min Scan# 910
Delta R.T. -0.065 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

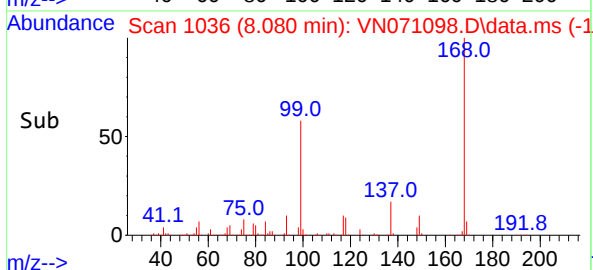
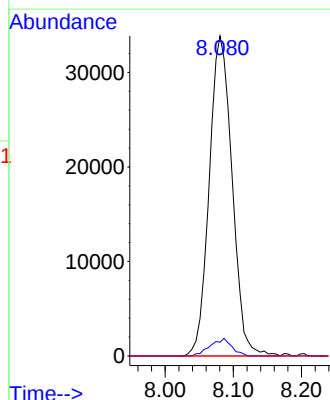
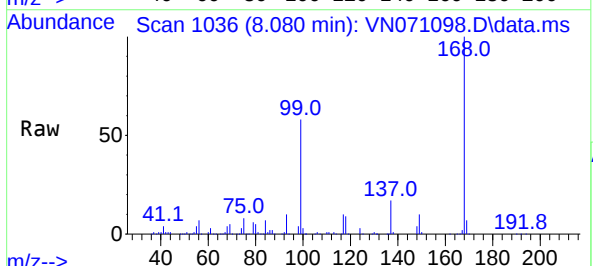
Instrument :
MSVOA_N
ClientSampleId :
MW-38

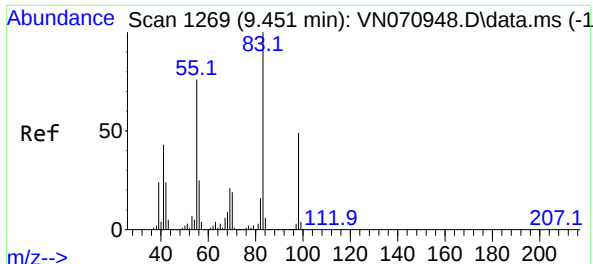
Tgt Ion: 43 Resp: 23256
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 117 Resp: 79070
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#

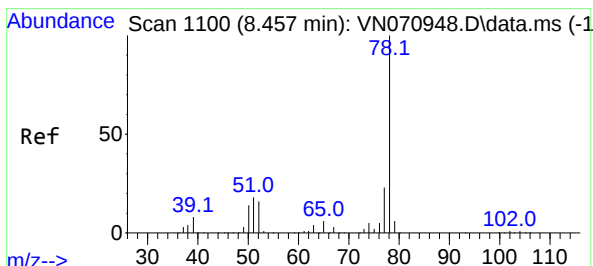
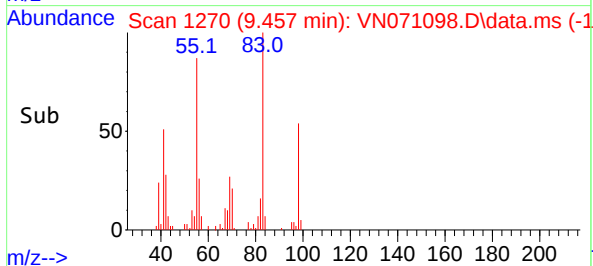
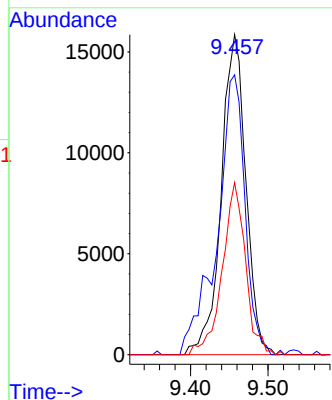
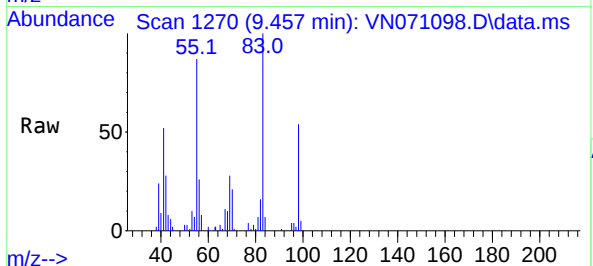




#39
Methylcyclohexane
Concen: 2.184 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

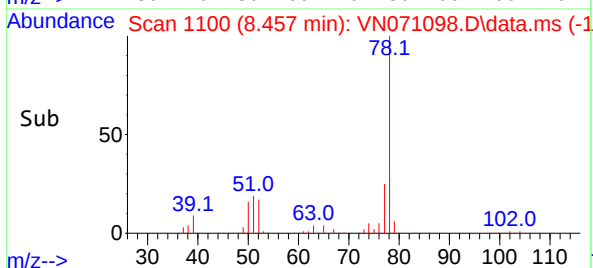
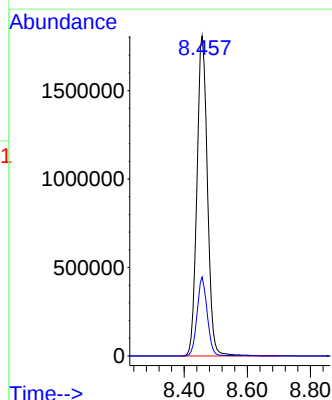
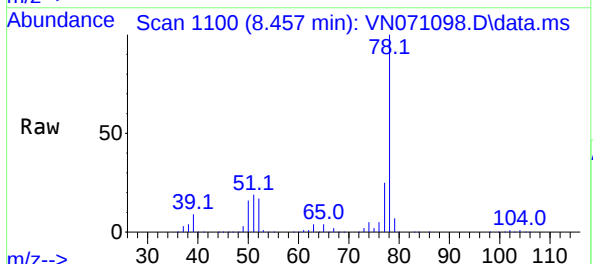
Instrument :
MSVOA_N
ClientSampleId :
MW-38

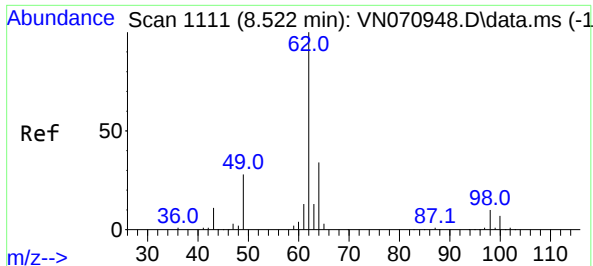
Tgt Ion: 83 Resp: 35159
Ion Ratio Lower Upper
83 100
55 87.4 58.1 87.1#
98 53.8 38.4 57.6



#40
Benzene
Concen: 113.341 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 78 Resp: 4194599
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8





#42

1,2-Dichloroethane

Concen: 2.857 ug/l

RT: 8.457 min Scan# 1111

Delta R.T. -0.065 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

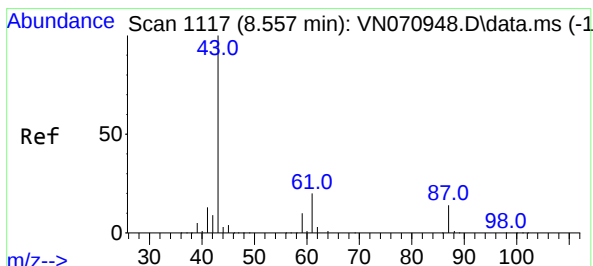
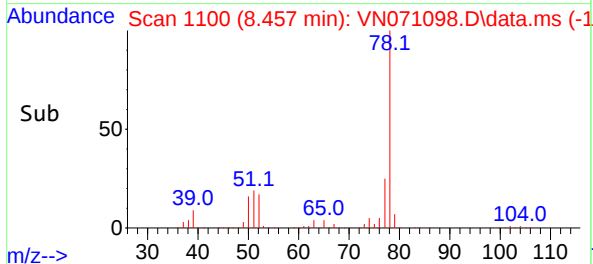
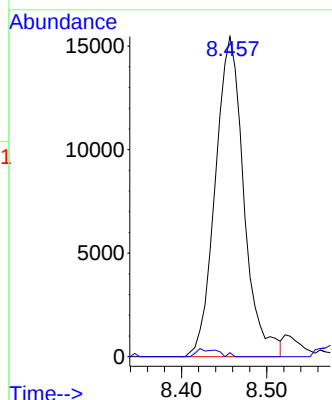
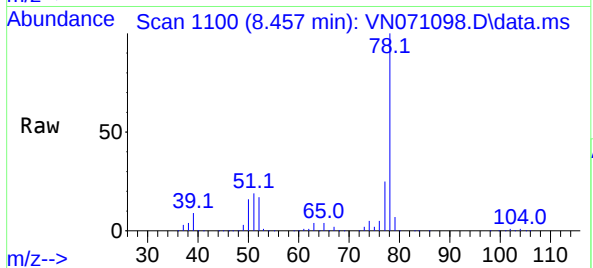
MW-38

Tgt Ion: 62 Resp: 36013

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.905 ug/l

RT: 8.651 min Scan# 1133

Delta R.T. 0.094 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

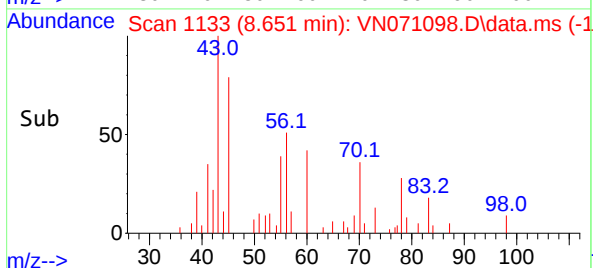
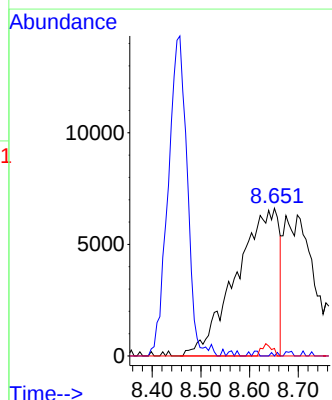
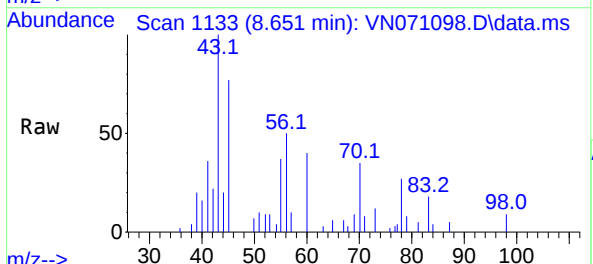
Tgt Ion: 43 Resp: 40280

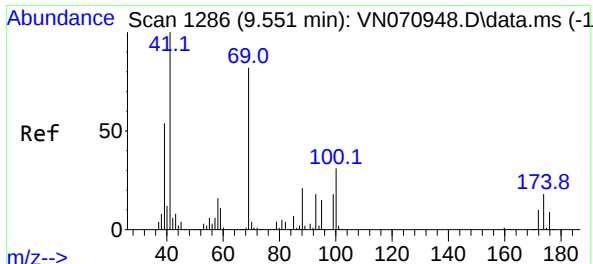
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 2.0 11.2 16.8#





#48

Methyl methacrylate

Concen: 0.385 ug/l

RT: 9.627 min Scan# 11

Delta R.T. 0.076 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

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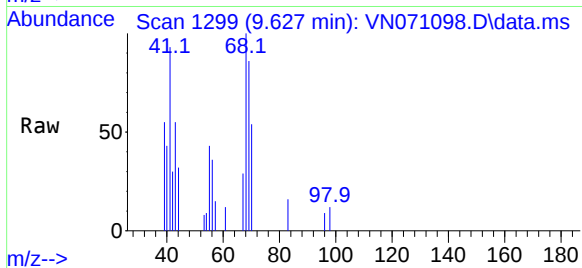
Tgt Ion: 41 Resp: 3856

Ion Ratio Lower Upper

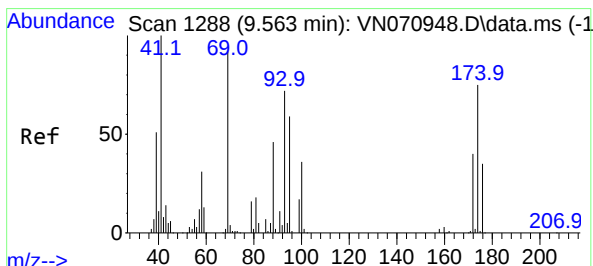
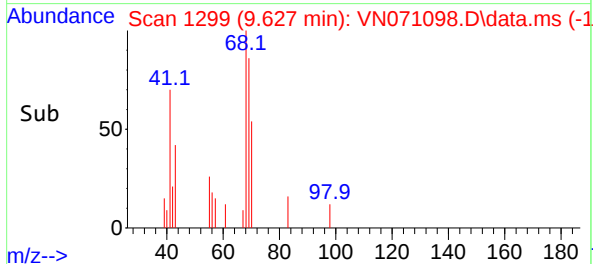
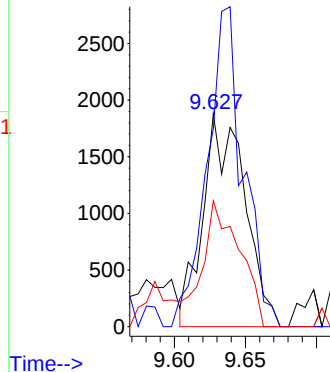
41 100

69 128.5 72.4 108.6#

39 52.0 58.4 87.6#



Abundance



#49

1,4-Dioxane

Concen: 2.992 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.012 min

Lab File: VN071098.D

Acq: 28 Feb 2022 16:06

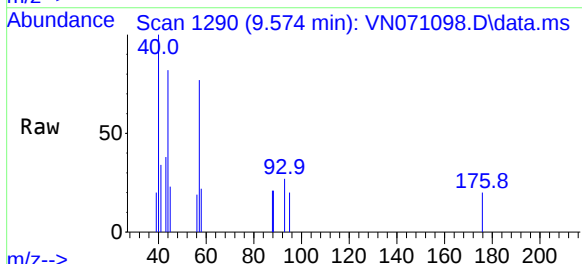
Tgt Ion: 88 Resp: 532

Ion Ratio Lower Upper

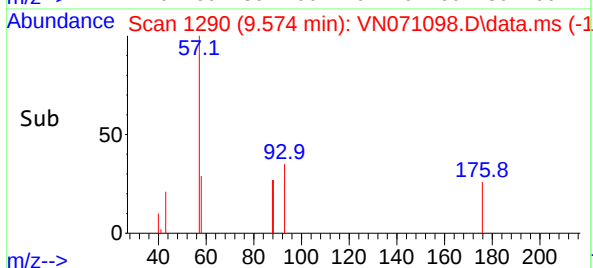
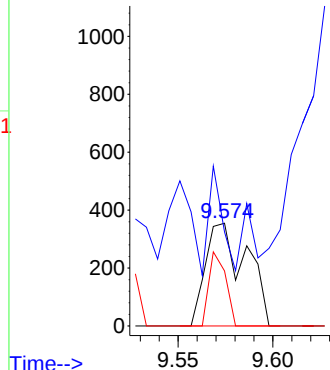
88 100

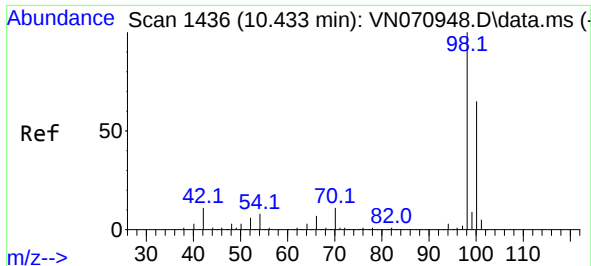
43 36.1 23.4 35.2#

58 29.5 50.6 75.8#



Abundance

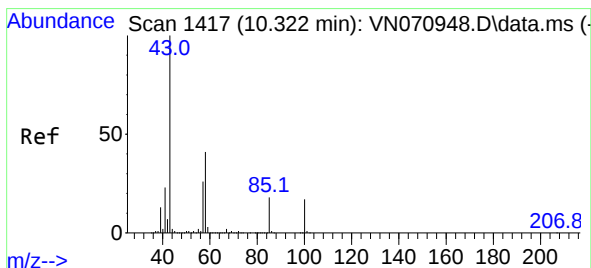
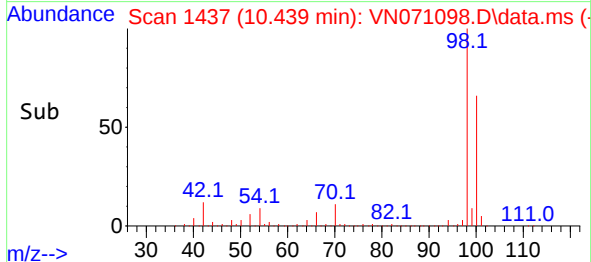
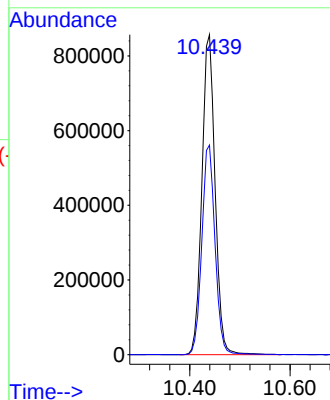
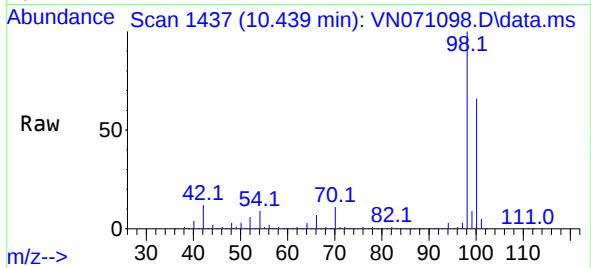




#50
Toluene-d8
Concen: 50.939 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

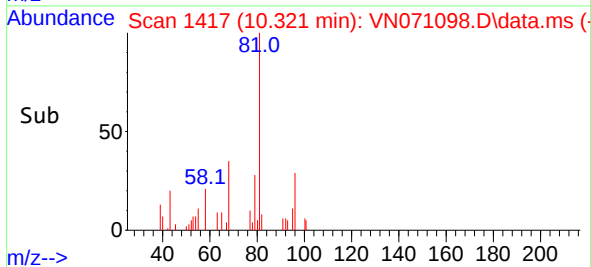
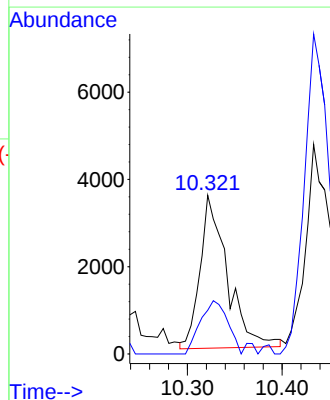
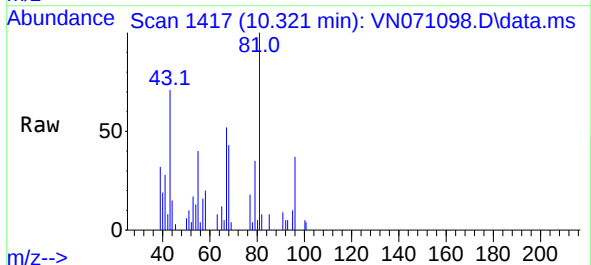
Instrument :
MSVOA_N
ClientSampleId :
MW-38

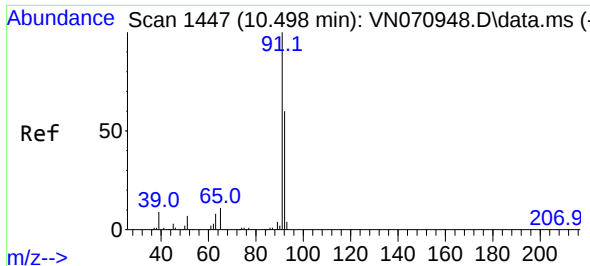
Tgt Ion: 98 Resp: 1562212
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 10.321 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 43 Resp: 7057
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

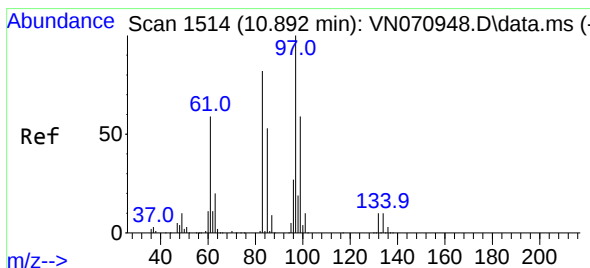
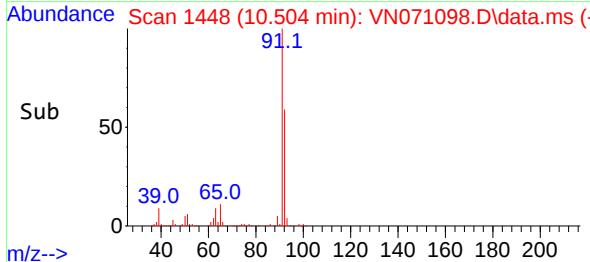
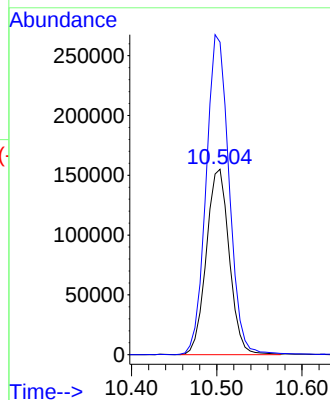
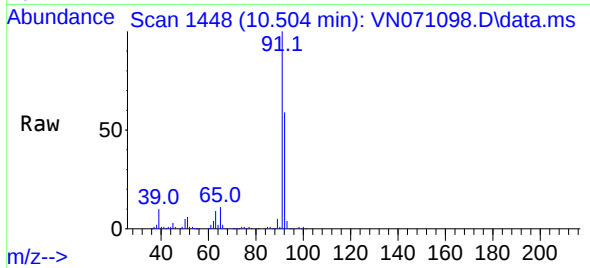




#52
Toluene
Concen: 12.505 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

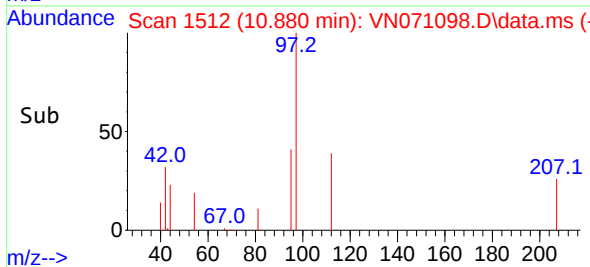
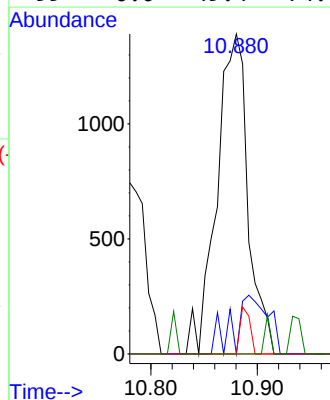
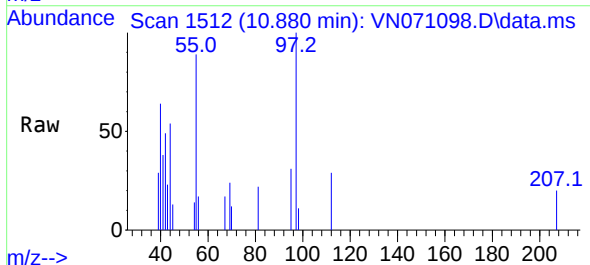
Instrument :
MSVOA_N
ClientSampleId :
MW-38

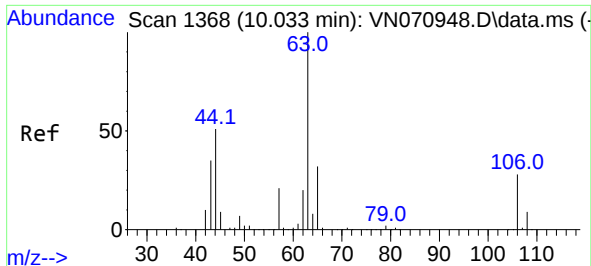
Tgt Ion: 92 Resp: 290793
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 0.311 ug/l
RT: 10.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 97 Resp: 2830
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#

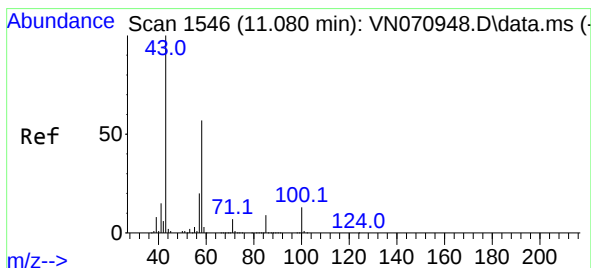
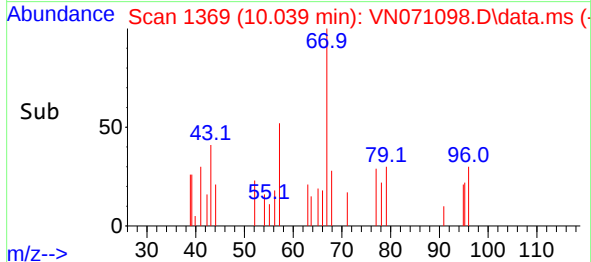
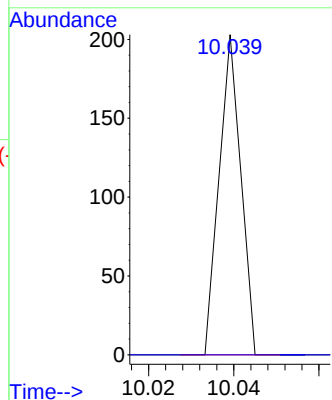
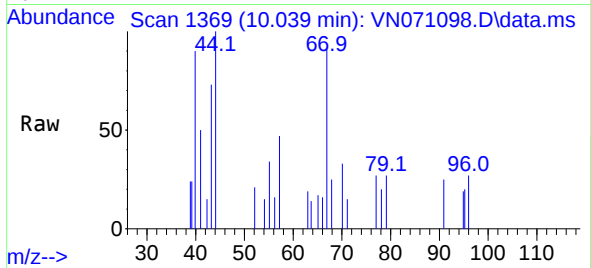




#58
2-Chloroethyl Vinyl ether
Concen: 31.822 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

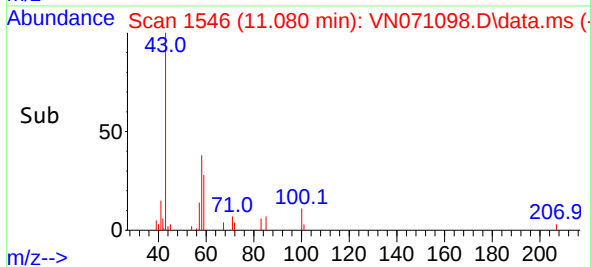
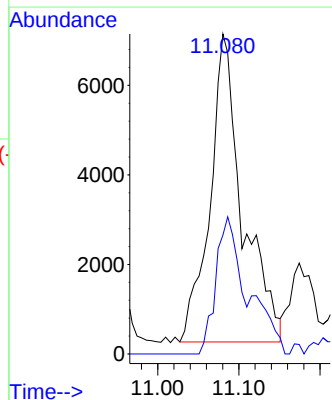
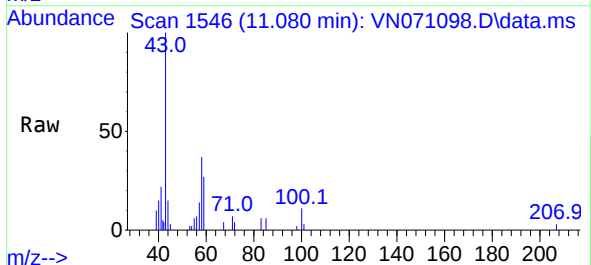
Instrument :
MSVOA_N
ClientSampleId :
MW-38

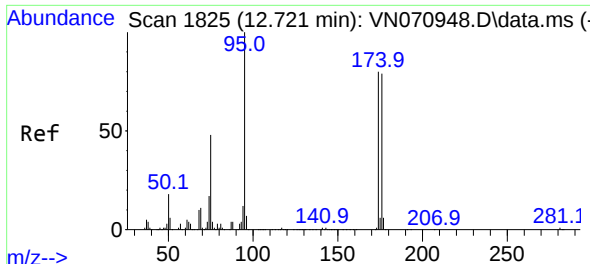
Tgt Ion: 63 Resp: 72
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.167 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 43 Resp: 19181
Ion Ratio Lower Upper
43 100
58 31.8 26.9 80.7

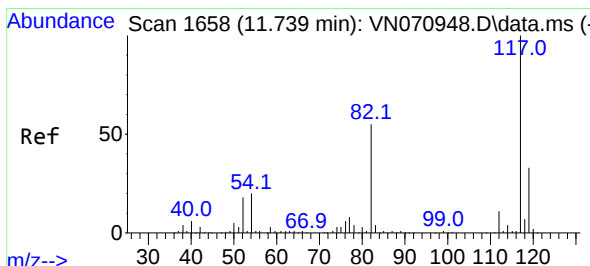
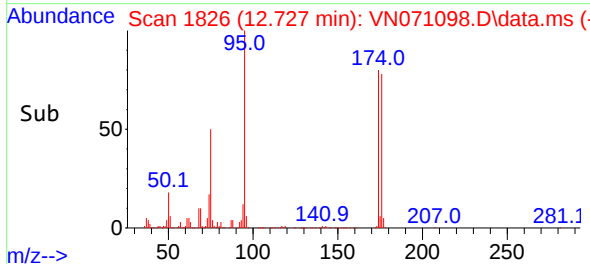
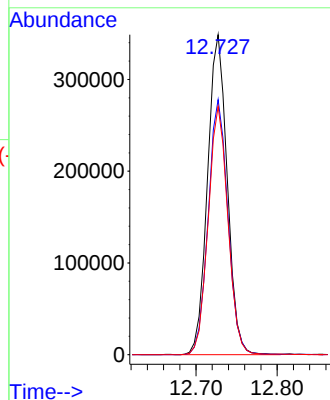
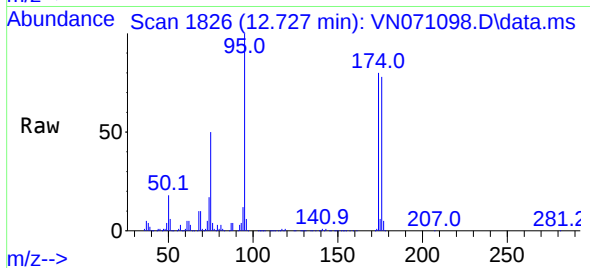




#62
4-Bromofluorobenzene
Concen: 53.502 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

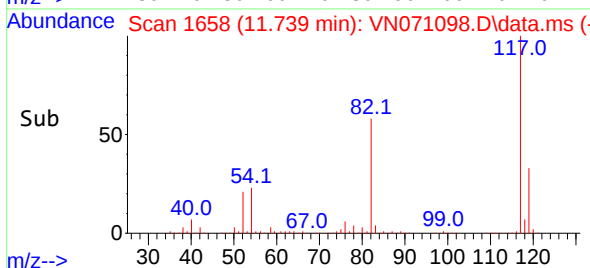
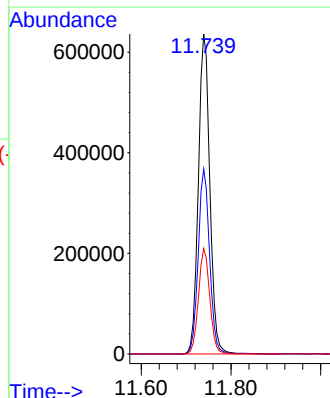
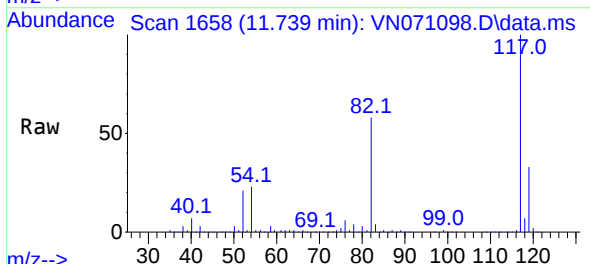
Instrument :
MSVOA_N
ClientSampleId :
MW-38

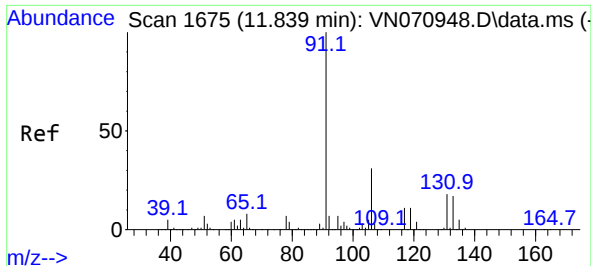
Tgt Ion: 95 Resp: 586492
Ion Ratio Lower Upper
95 100
174 79.9 0.0 187.2
176 77.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 117 Resp: 1125260
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.9 25.4 38.2

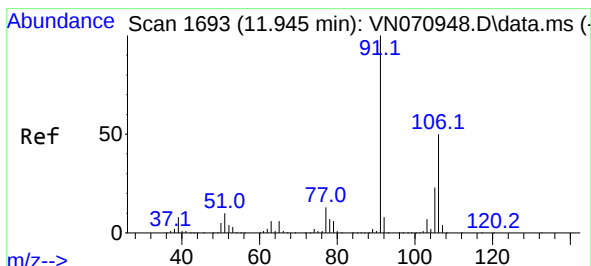
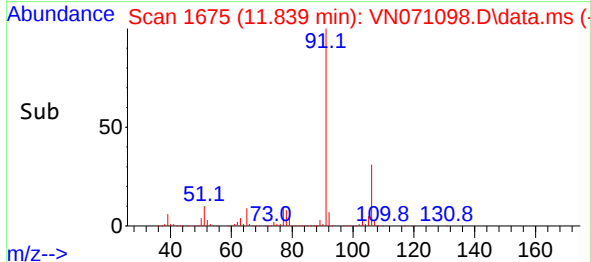
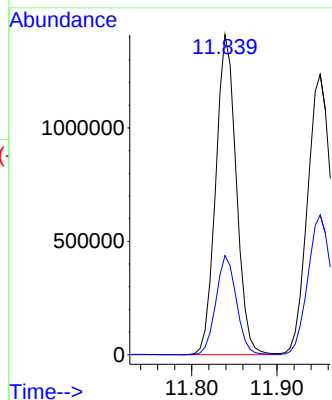
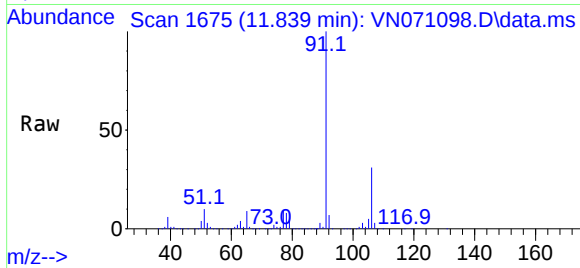




#67
Ethyl Benzene
Concen: 55.692 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

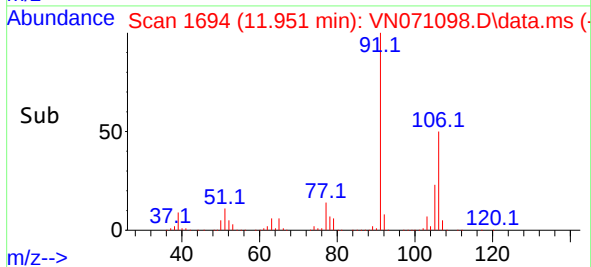
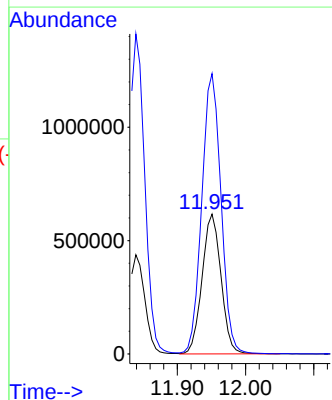
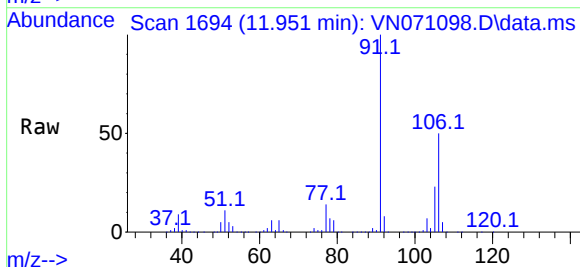
Instrument :
MSVOA_N
ClientSampleId :
MW-38

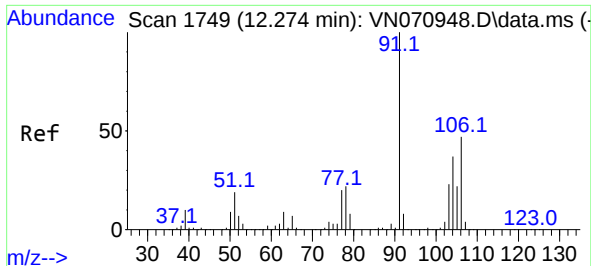
Tgt Ion: 91 Resp: 2363514
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 72.534 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:106 Resp: 1189042
Ion Ratio Lower Upper
106 100
91 203.6 160.6 240.8

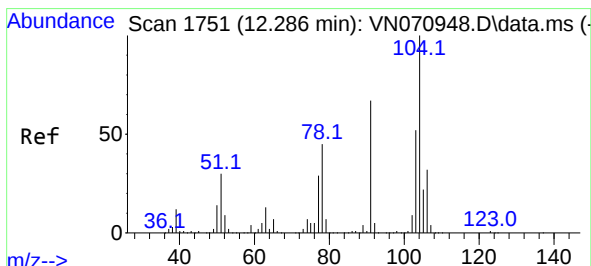
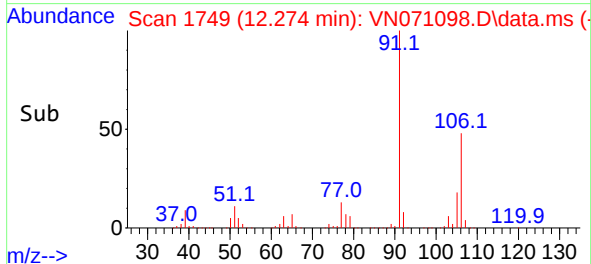
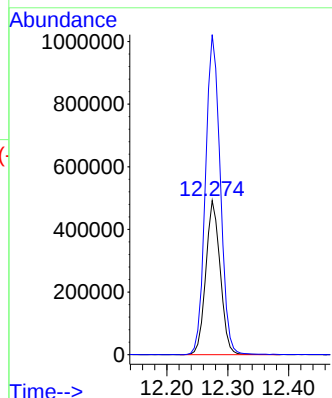
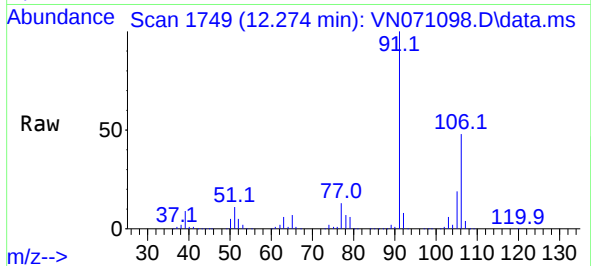




#69
o-Xylene
Concen: 50.468 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

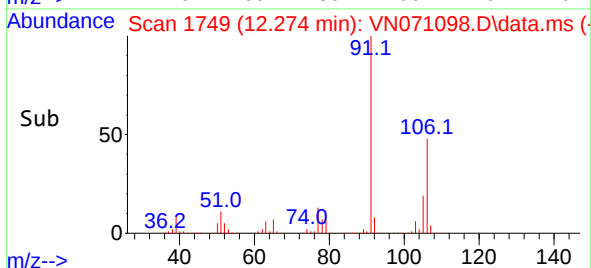
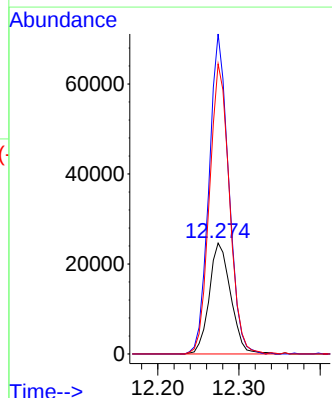
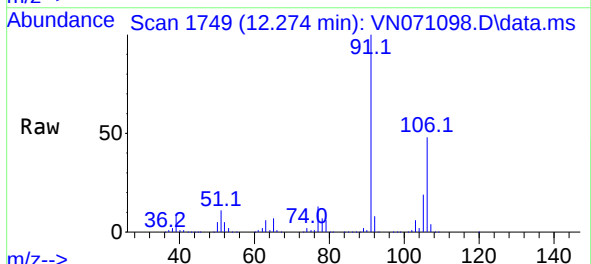
Instrument :
MSVOA_N
ClientSampleId :
MW-38

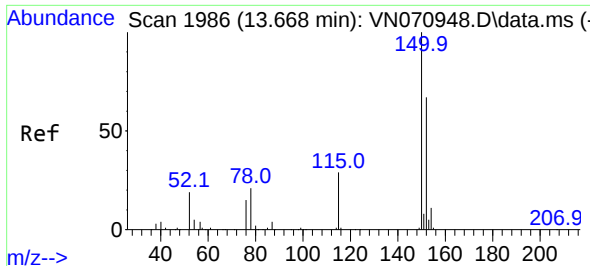
Tgt Ion:106 Resp: 808168
Ion Ratio Lower Upper
106 100
91 213.9 105.8 317.3



#70
Styrene
Concen: 1.771 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

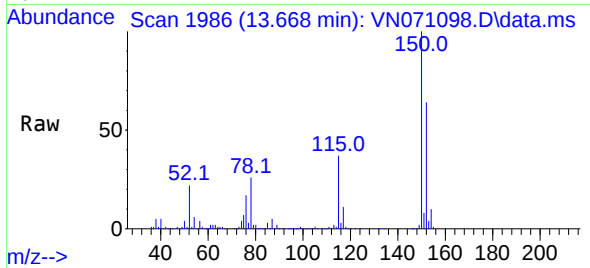
Tgt Ion:104 Resp: 45099
Ion Ratio Lower Upper
104 100
78 265.6 38.7 58.1#
103 244.3 45.0 67.6#



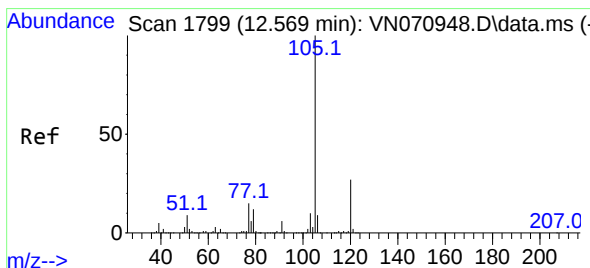
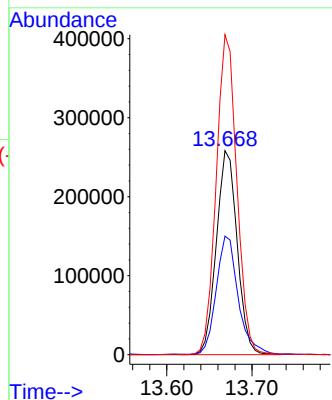
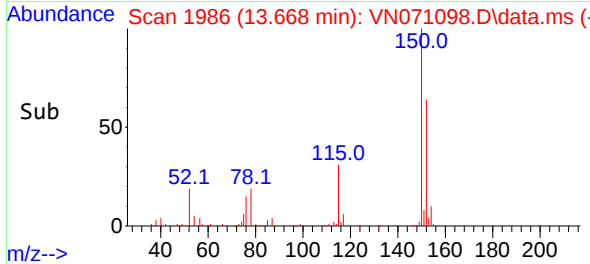


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

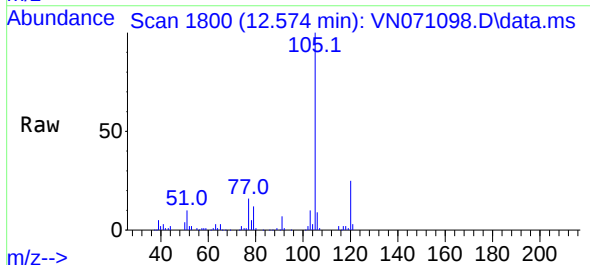
Instrument :
MSVOA_N
ClientSampleId :
MW-38



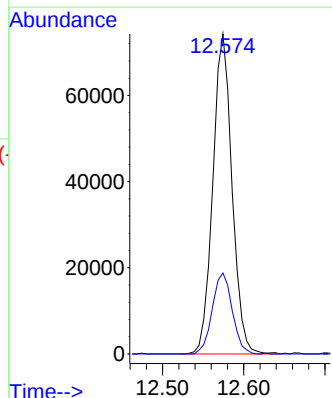
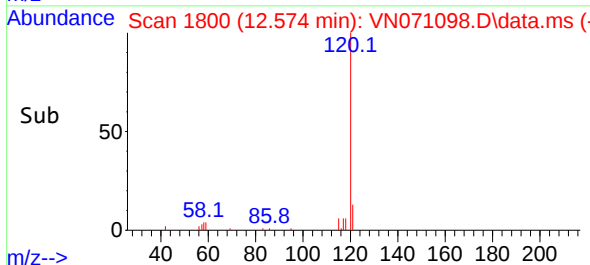
Tgt Ion:152 Resp: 438761
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 155.7 0.0 344.4

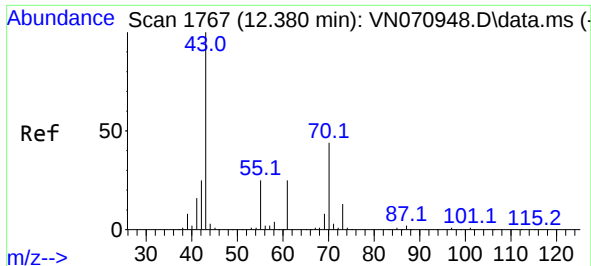


#73
Isopropylbenzene
Concen: 3.453 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06



Tgt Ion:105 Resp: 121933
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

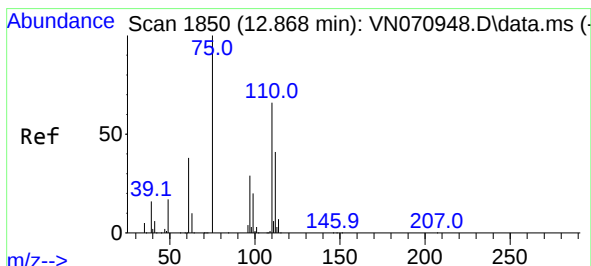
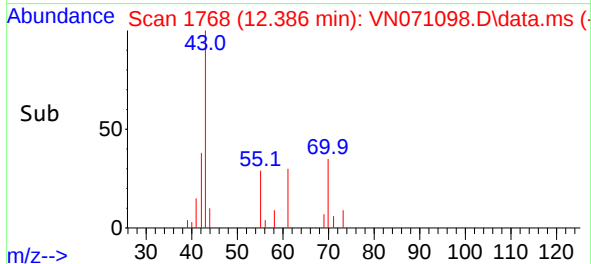
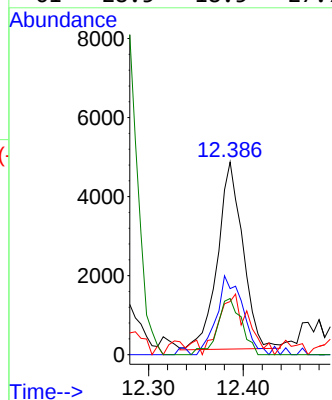
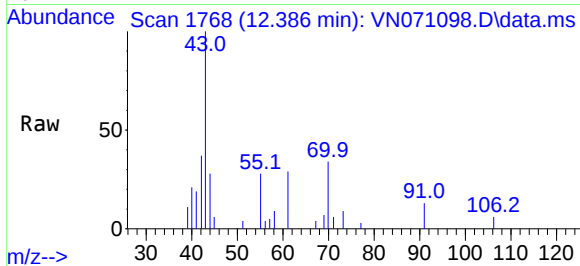




#74
N-amy1 acetate
Concen: 0.781 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

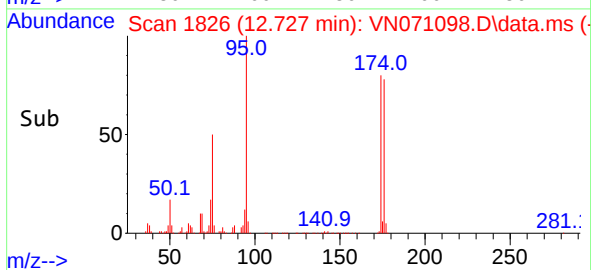
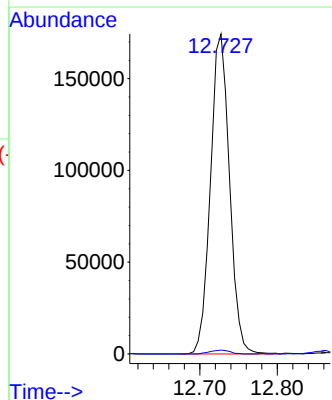
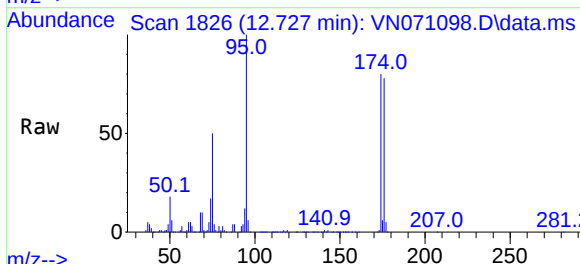
Instrument :
MSVOA_N
ClientSampleId :
MW-38

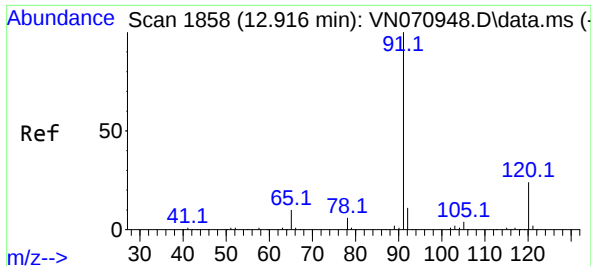
Tgt Ion:	43	Resp:	8815
Ion	Ratio	Lower	Upper
43	100		
70	43.3	33.4	50.0
55	36.7	19.3	28.9#
61	28.5	18.5	27.7#



#76
1,2,3-Trichloropropane
Concen: 28.780 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:	75	Resp:	297321
Ion	Ratio	Lower	Upper
75	100		
77	1.3	82.6	247.8#

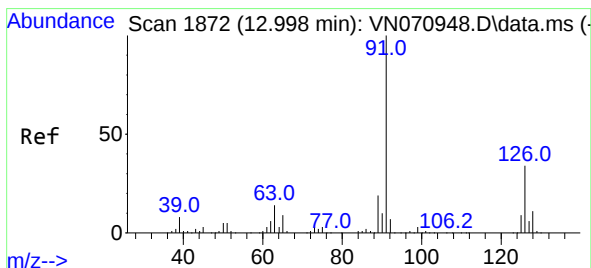
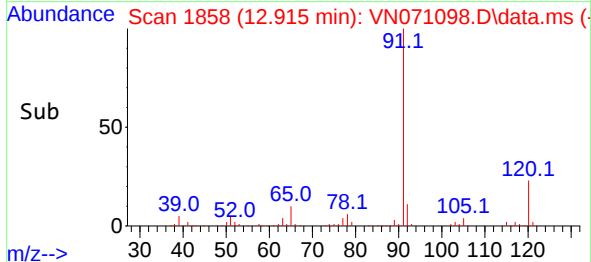
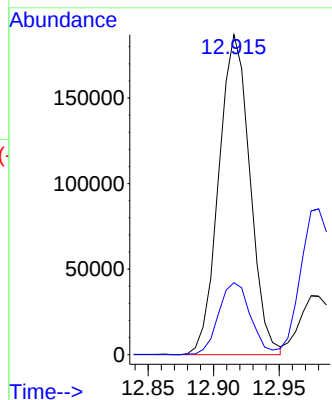
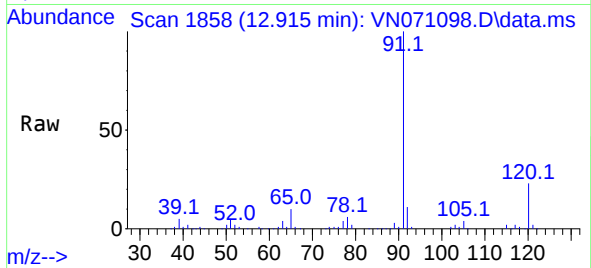




#78
n-propylbenzene
Concen: 7.799 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

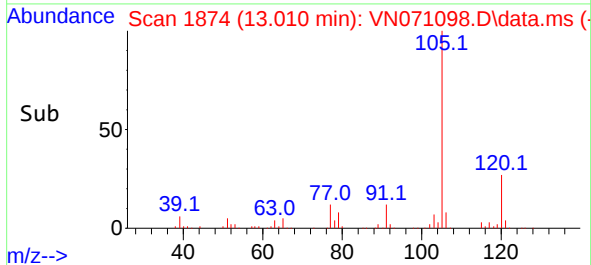
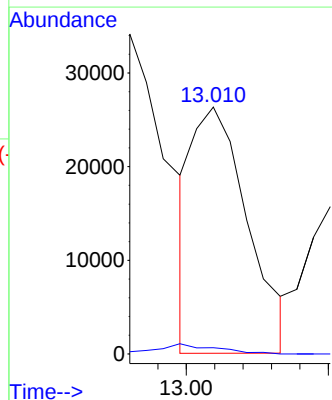
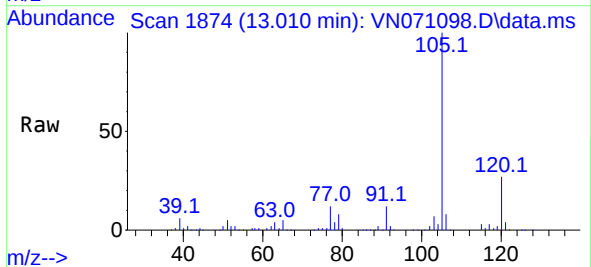
Instrument :
MSVOA_N
ClientSampleId :
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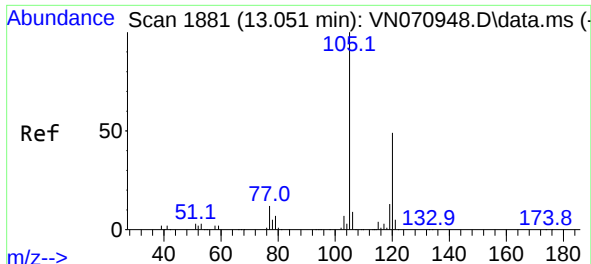
Tgt Ion: 91 Resp: 309478
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.481 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 91 Resp: 35692
Ion Ratio Lower Upper
91 100
126 4.9 18.3 54.8#

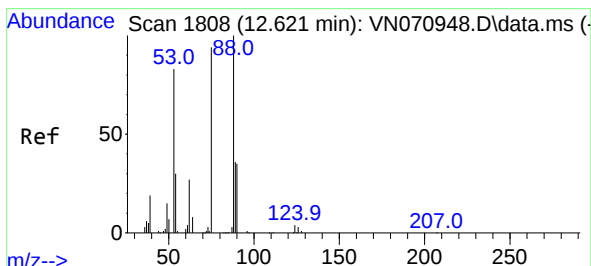
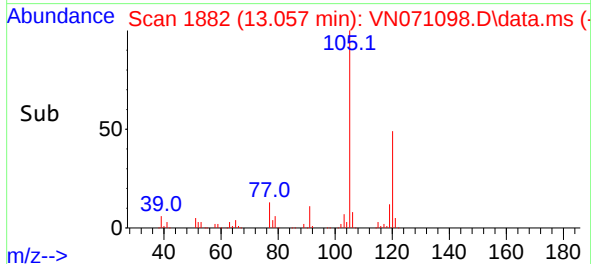
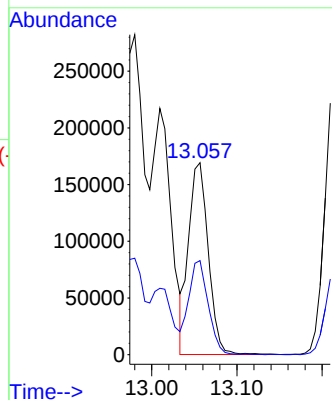
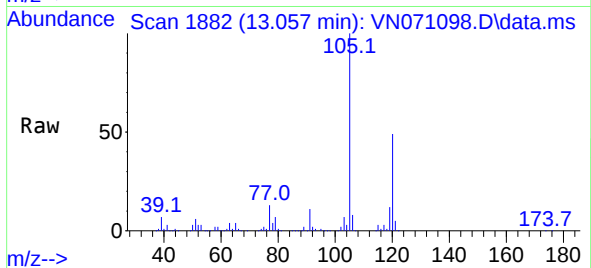




#80
1,3,5-Trimethylbenzene
Concen: 9.509 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

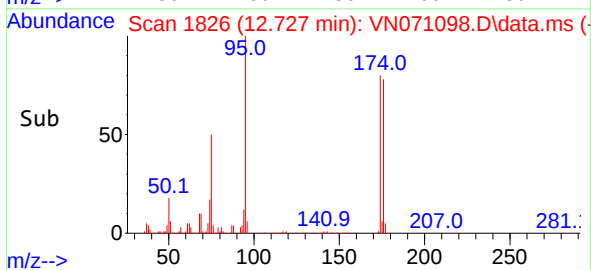
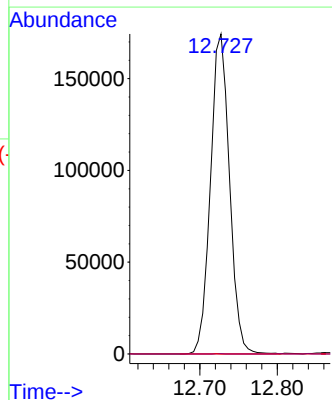
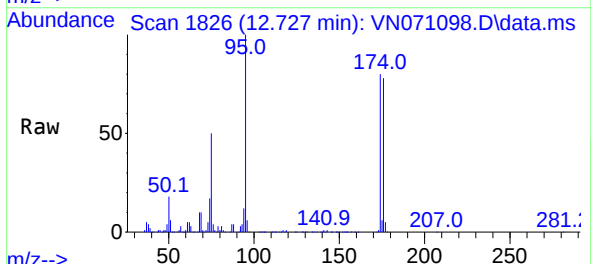
Instrument :
MSVOA_N
ClientSampleId :
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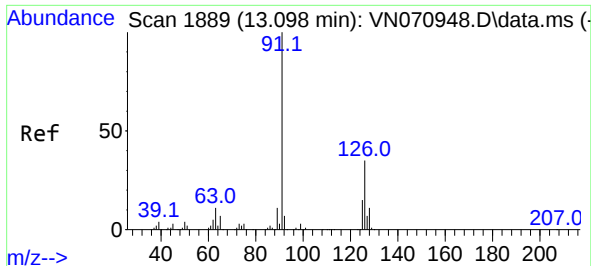
Tgt Ion:105 Resp: 272079
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 93.262 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 75 Resp: 297321
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

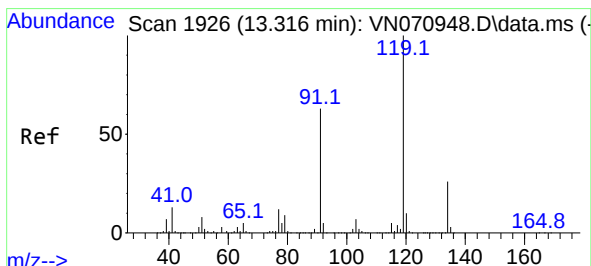
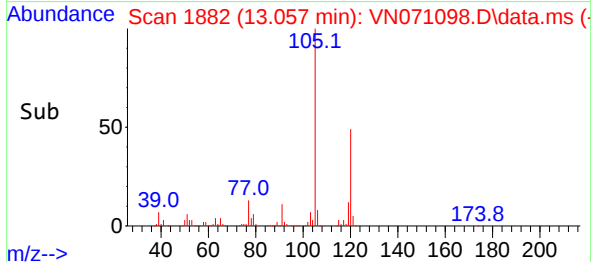
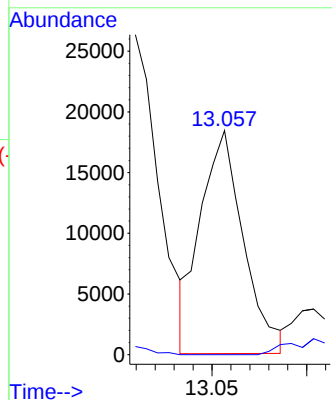
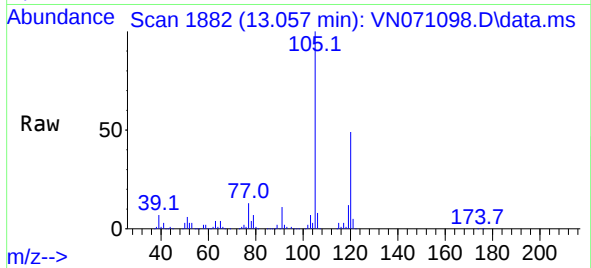




#82
4-Chlorotoluene
Concen: 1.238 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

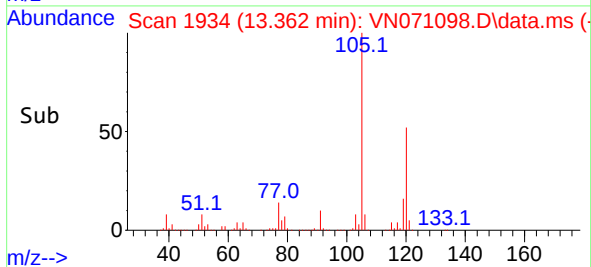
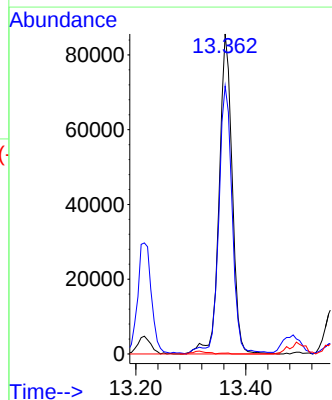
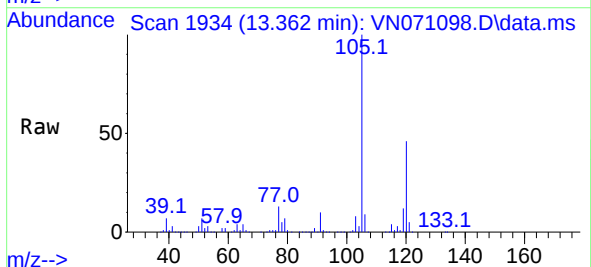
Instrument :
MSVOA_N
ClientSampleId :
MW-38

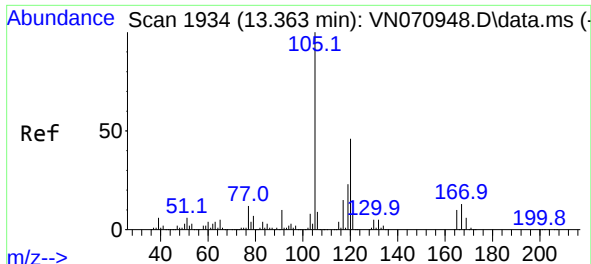
Tgt Ion: 91 Resp: 28948
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 5.196 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion: 119 Resp: 140996
Ion Ratio Lower Upper
119 100
91 86.6 31.5 94.5
134 0.2 12.4 37.4#

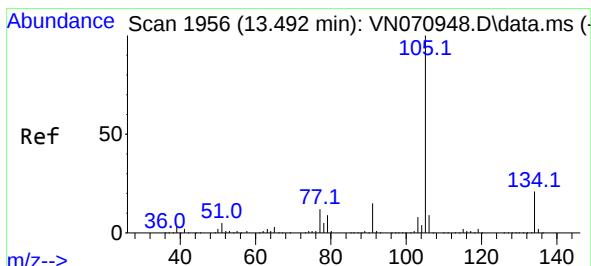
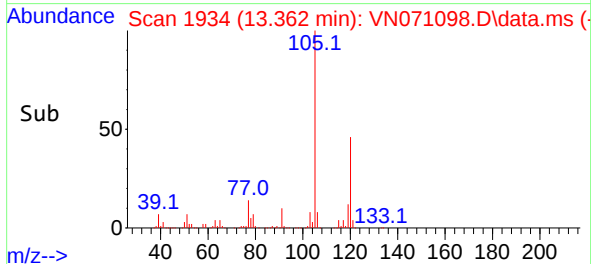
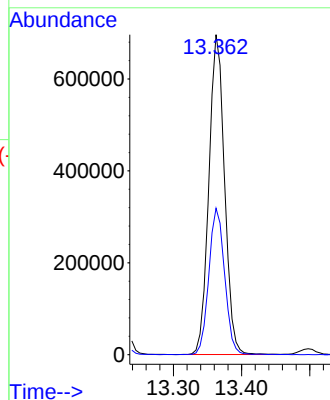
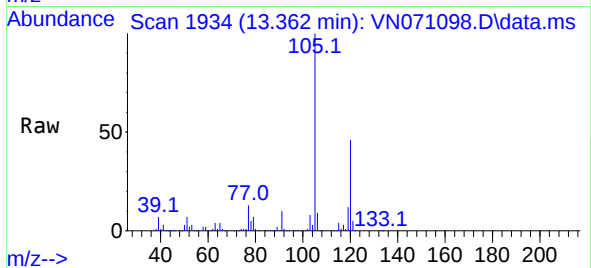




#84
1,2,4-Trimethylbenzene
Concen: 39.552 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

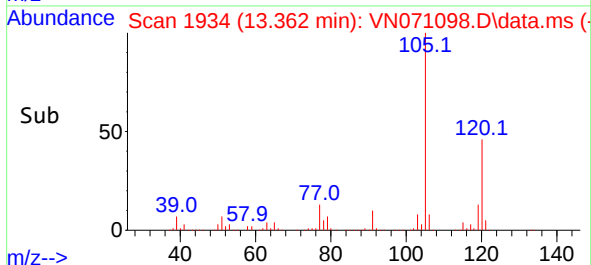
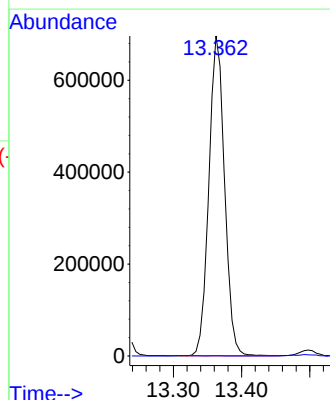
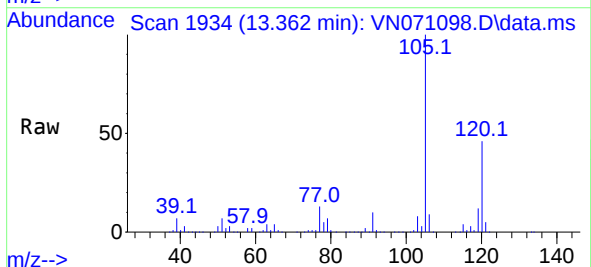
Instrument :
MSVOA_N
ClientSampleId :
MW-38

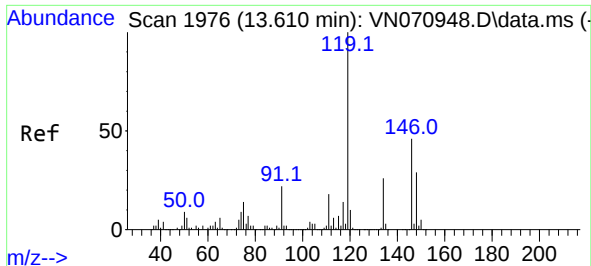
Tgt Ion:105 Resp: 1113968
Ion Ratio Lower Upper
105 100
120 46.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 31.146 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.130 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:105 Resp: 1113597
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

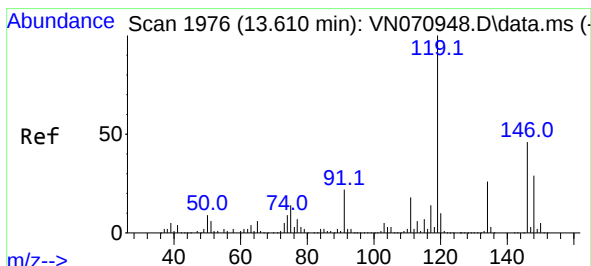
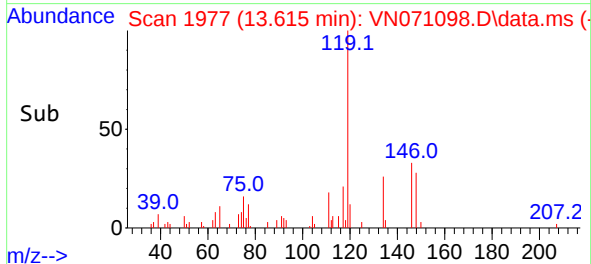
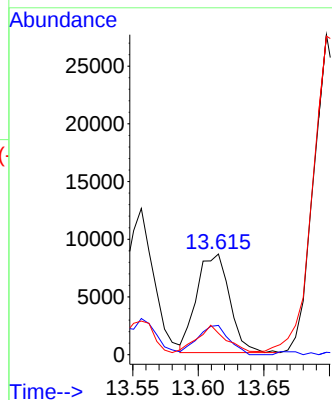
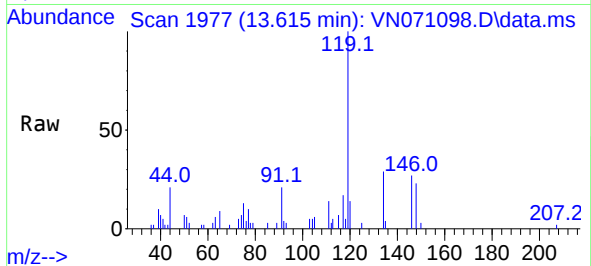




#86
p-Isopropyltoluene
Concen: 0.508 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

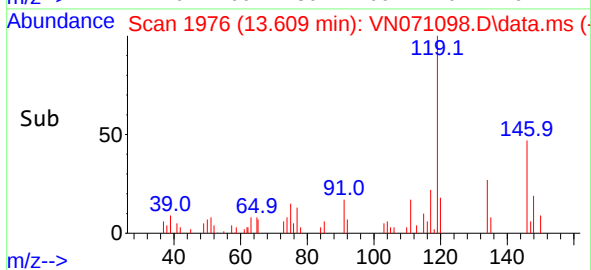
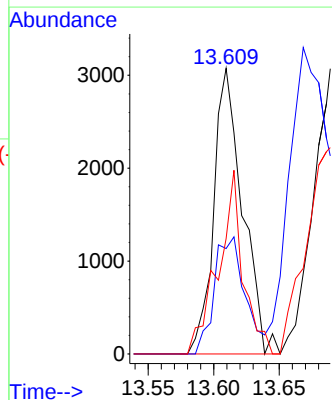
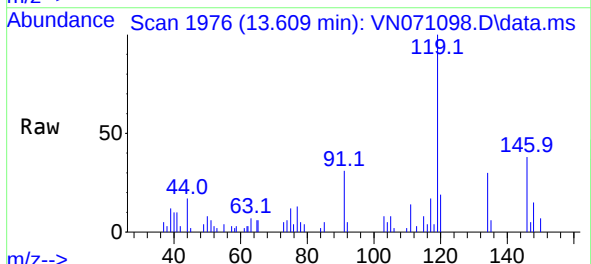
Instrument :
MSVOA_N
ClientSampleId :
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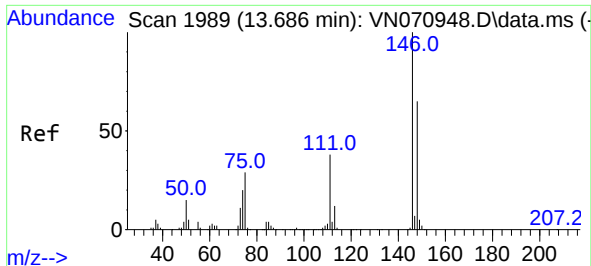
Tgt Ion:119 Resp: 14915
Ion Ratio Lower Upper
119 100
134 28.1 13.6 40.7
91 24.0 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 0.307 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:146 Resp: 4706
Ion Ratio Lower Upper
146 100
111 43.9 18.6 55.6
148 55.3 31.6 95.0

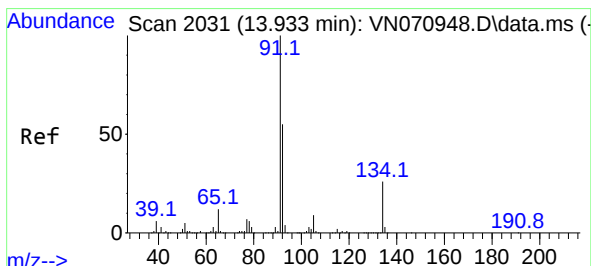
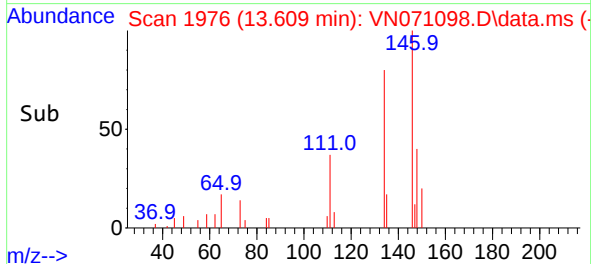
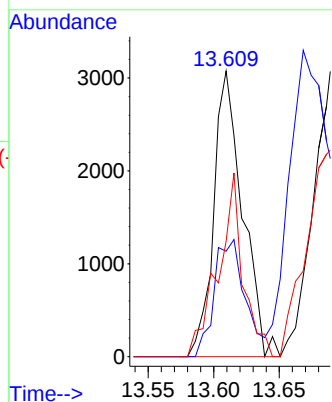
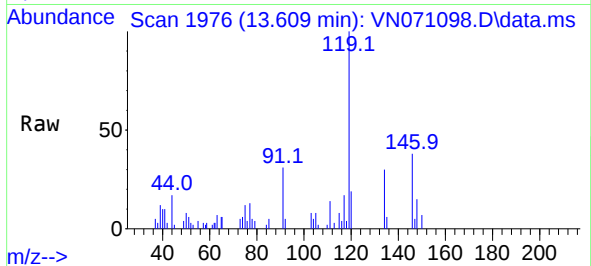




#88
1,4-Dichlorobenzene
Concen: 0.314 ug/l
RT: 13.609 min Scan# 1989
Delta R.T. -0.077 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

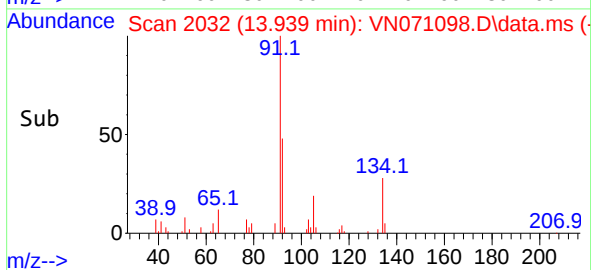
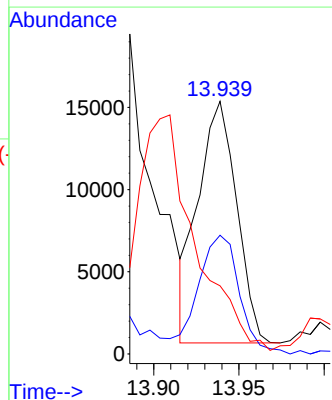
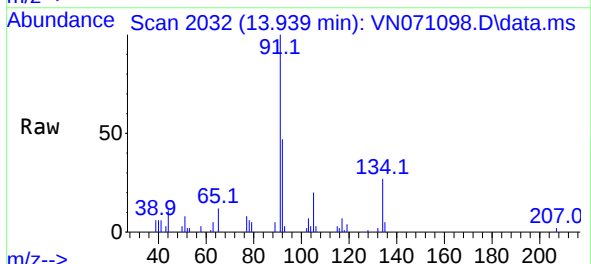
Instrument :
MSVOA_N
ClientSampleId :
MW-38

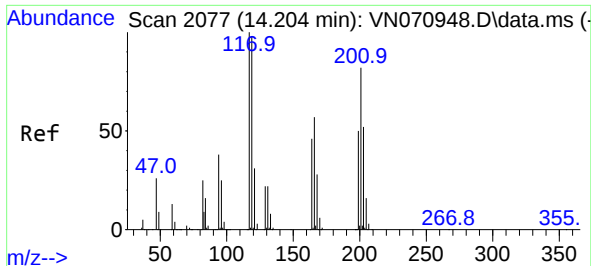
Tgt Ion:	146	Resp:	4706
Ion	Ratio	Lower	Upper
146	100		
111	43.9	18.3	54.8
148	55.3	31.8	95.4



#89
n-Butylbenzene
Concen: 0.966 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:	91	Resp:	23143
Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.4	76.0
134	0.0	13.6	40.8

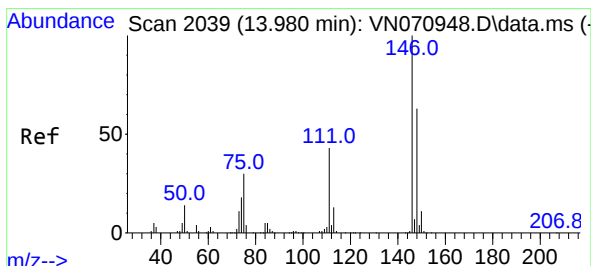
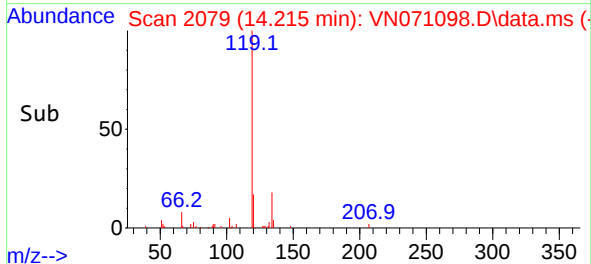
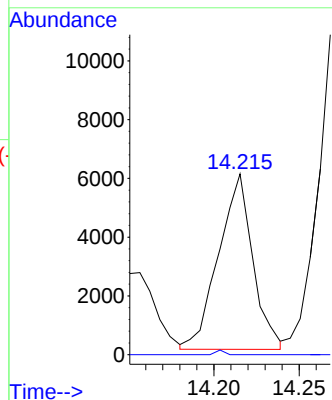
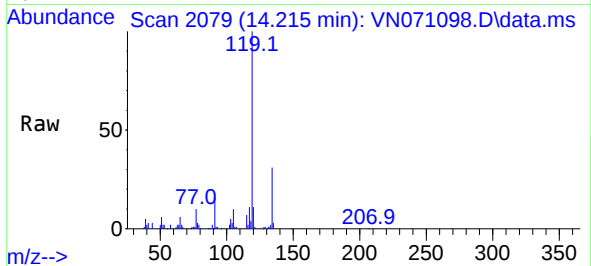




#90
Hexachloroethane
Concen: 1.588 ug/l
RT: 14.215 min Scan# 2079
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

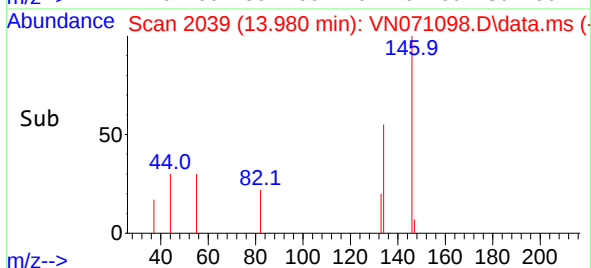
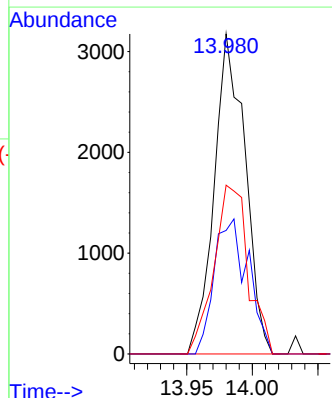
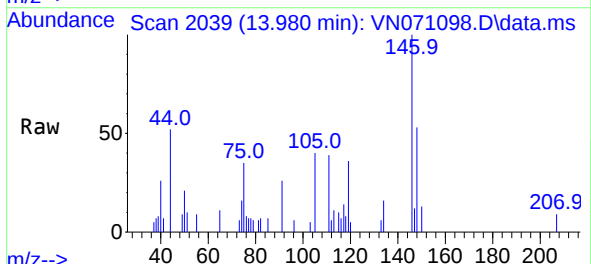
Instrument :
MSVOA_N
ClientSampleId :
MW-38

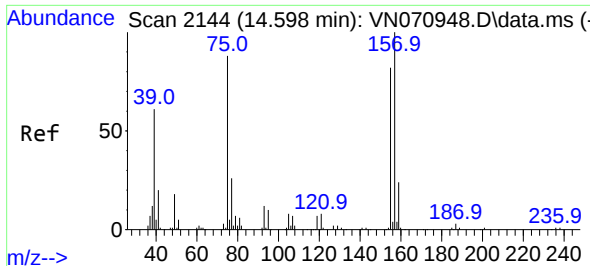
Tgt Ion:117 Resp: 8322
Ion Ratio Lower Upper
117 100
201 0.7 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.362 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

Tgt Ion:146 Resp: 5200
Ion Ratio Lower Upper
146 100
111 46.6 19.1 57.3
148 58.3 32.1 96.3

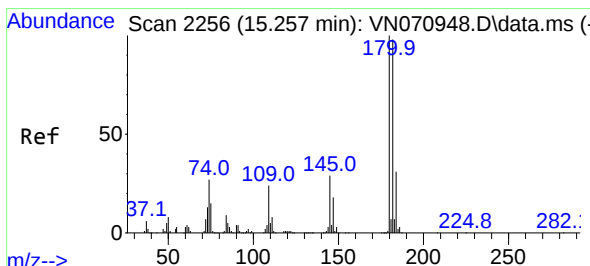
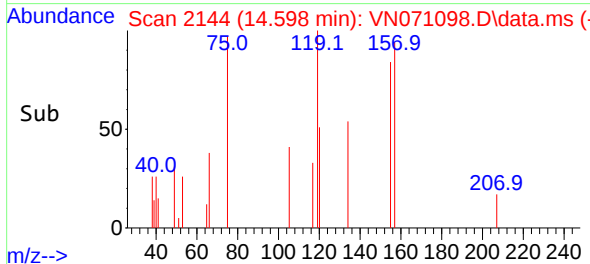
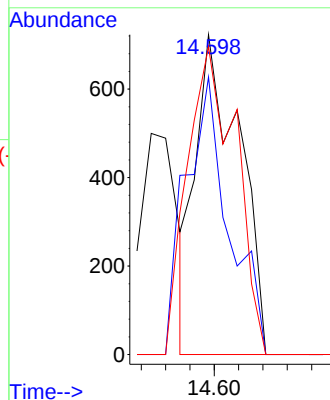
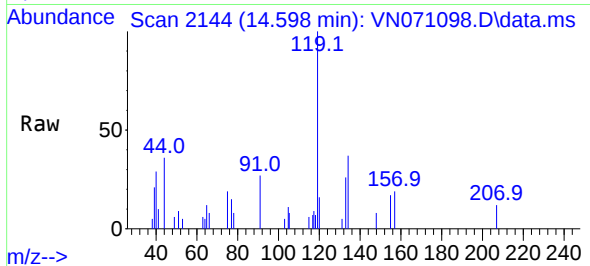




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.489 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN071098.D
 Acq: 28 Feb 2022 16:06

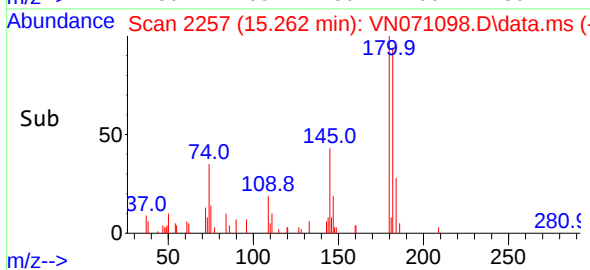
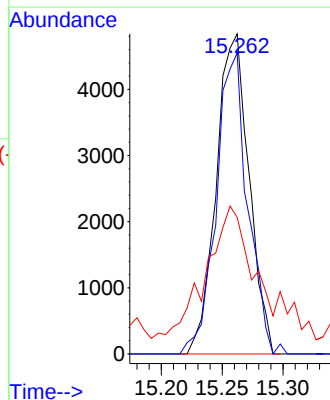
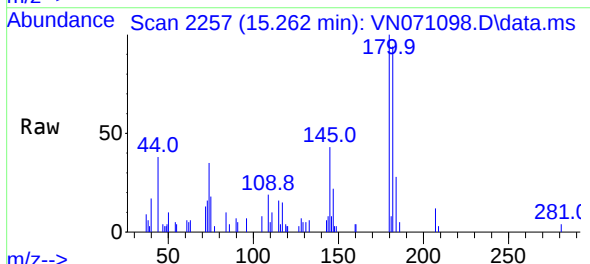
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

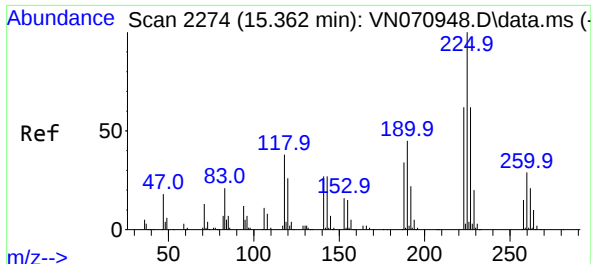
Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 155 86.6 46.9 140.7
 157 108.5 60.6 181.7



#93
 1,2,4-Trichlorobenzene
 Concen: 3.075 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.005 min
 Lab File: VN071098.D
 Acq: 28 Feb 2022 16:06

Tgt Ion: 180 Resp: 9055
 Ion Ratio Lower Upper
 180 100
 182 90.4 48.3 144.9
 145 54.7 14.5 43.5#

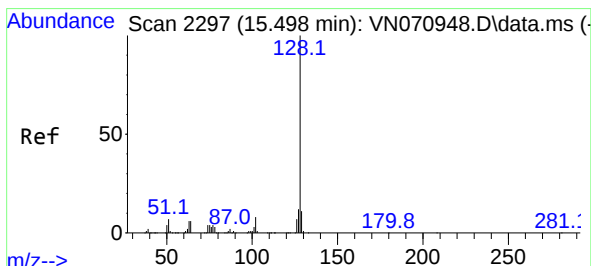
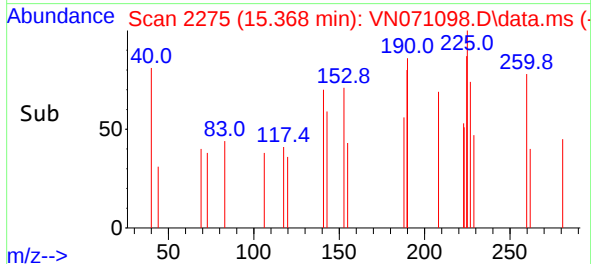
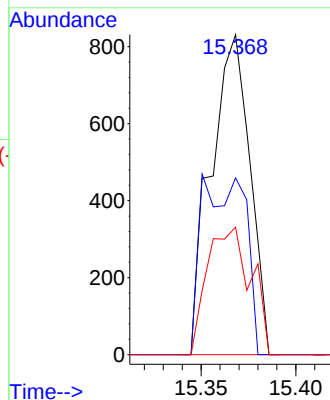
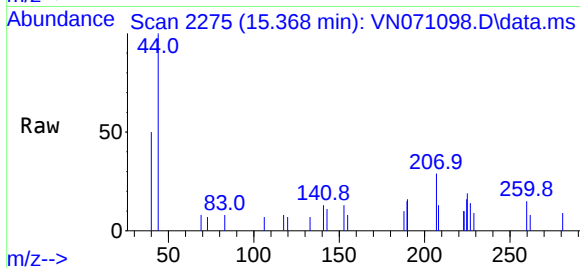




#94
Hexachlorobutadiene
Concen: 0.227 ug/l
RT: 15.368 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

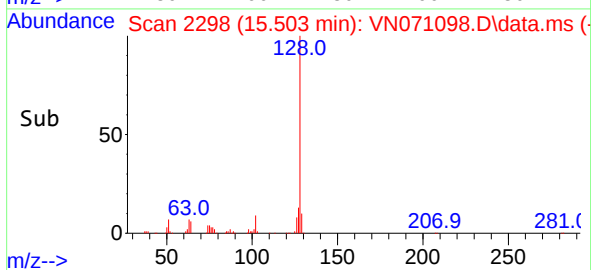
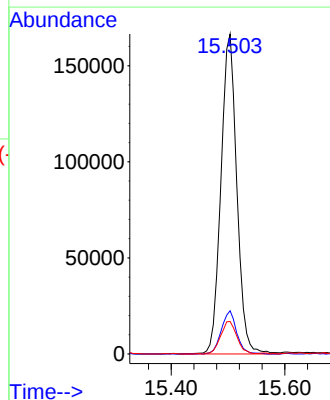
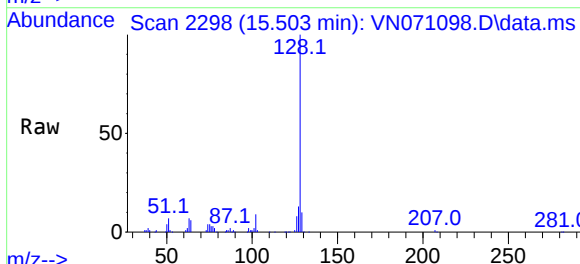
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MSVOA_N
ClientSampleId :
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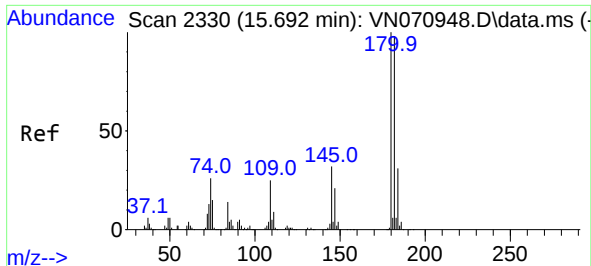
Tgt Ion:	225	Resp:	1191
Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.7
227	44.5	32.1	96.3



#95
Naphthalene
Concen: 19.865 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

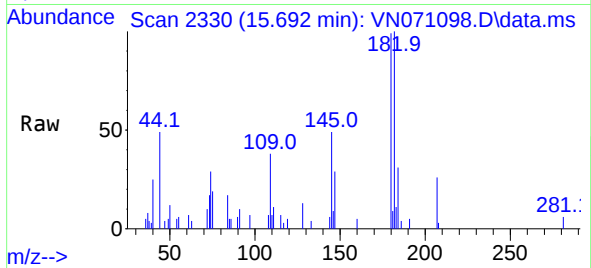
Tgt Ion:	128	Resp:	324132
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.815 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071098.D
 Acq: 28 Feb 2022 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38



Tgt Ion:	180	Resp:	10187
Ion	Ratio	Lower	Upper
180	100		
182	101.2	47.4	142.2
145	58.4	15.0	45.1#

