

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)

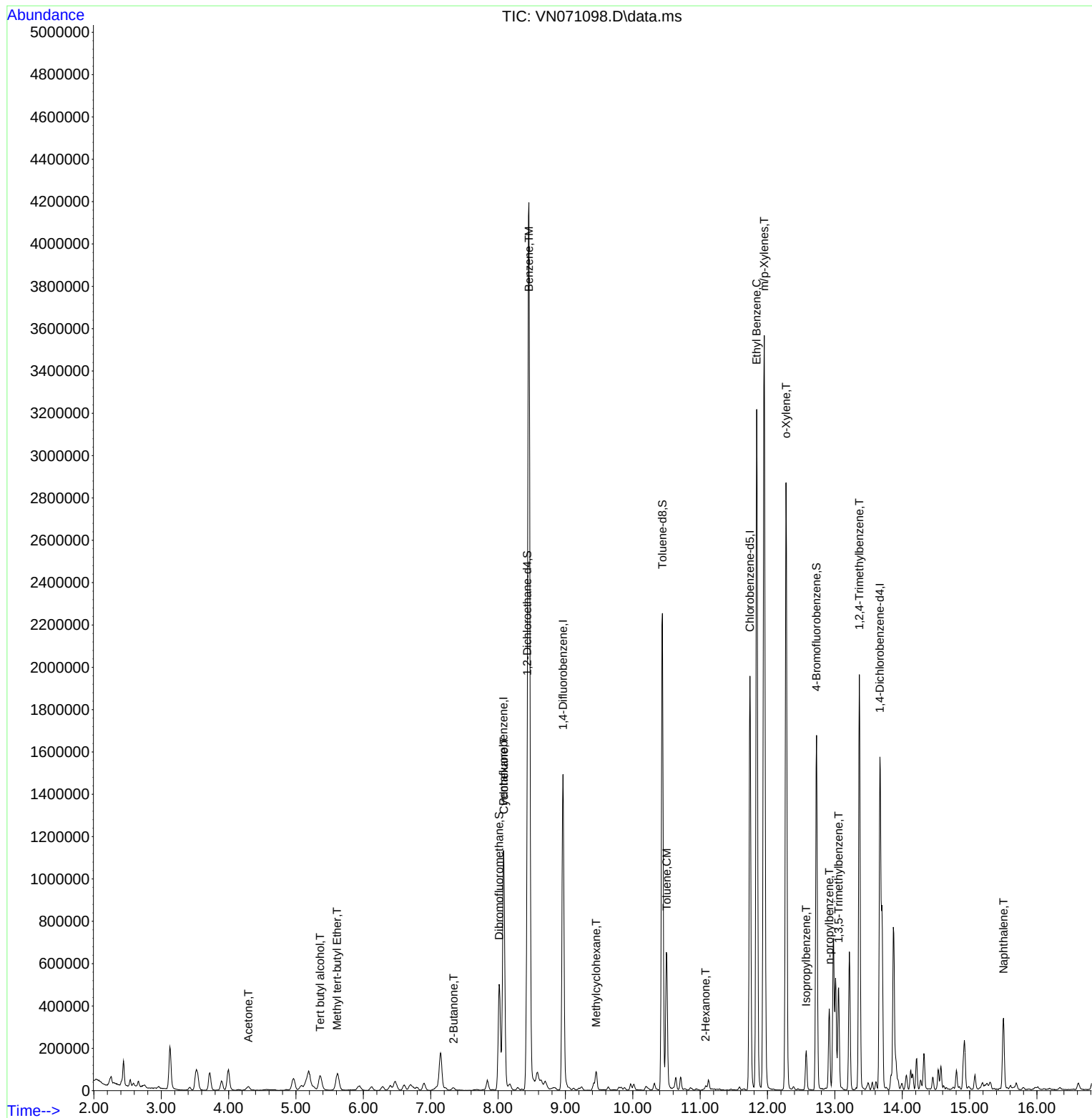
Internal Standards						
1) Pentafluorobenzene	8.080	168	813169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1283897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1125260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	438761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	5.357	59	130692	77.202	ug/l	97
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
25) 2-Butanone	7.339	43	23256	3.417	ug/l	99
31) Cyclohexane	8.086	56	81199	5.054	ug/l #	86
39) Methylcyclohexane	9.457	83	35159	2.184	ug/l #	86
40) Benzene	8.457	78	4194599	113.341	ug/l	97
52) Toluene	10.504	92	290793	12.505	ug/l	97
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
73) Isopropylbenzene	12.574	105	121933	3.453	ug/l	99
78) n-propylbenzene	12.915	91	309478	7.799	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	272079	9.509	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	1113968	39.552	ug/l	99
95) Naphthalene	15.503	128	324132	19.865	ug/l	99

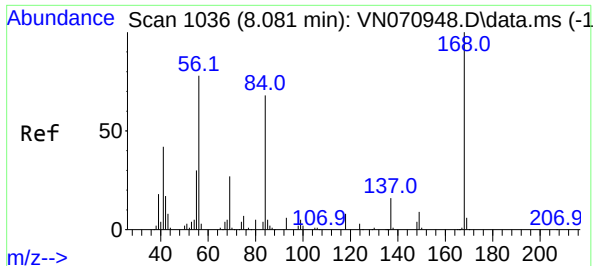
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

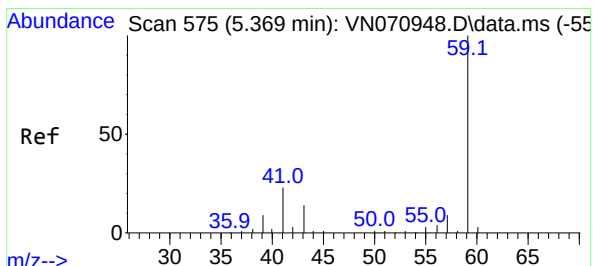
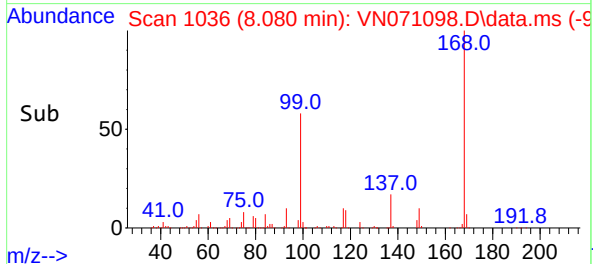
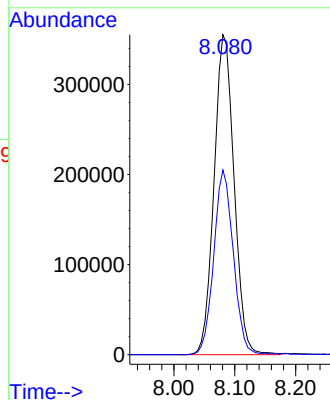
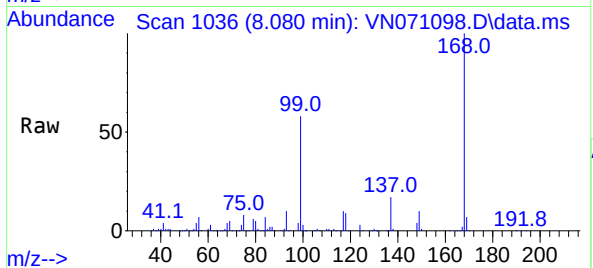




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

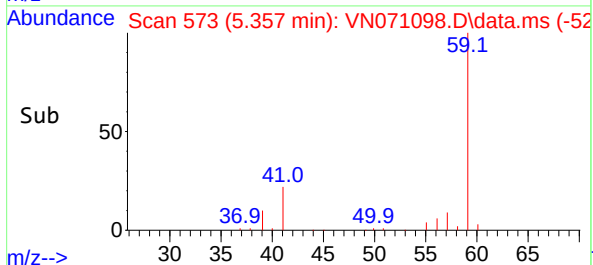
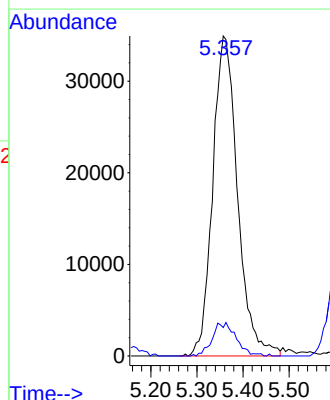
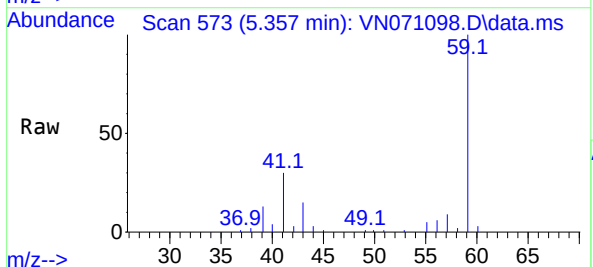
Instrument :
MSVOA_N
ClientSampleId :
MW-38

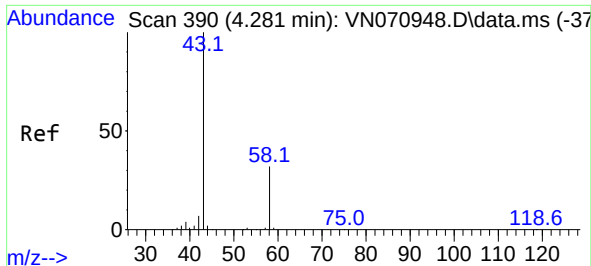
Tgt Ion:168 Resp: 813169
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#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

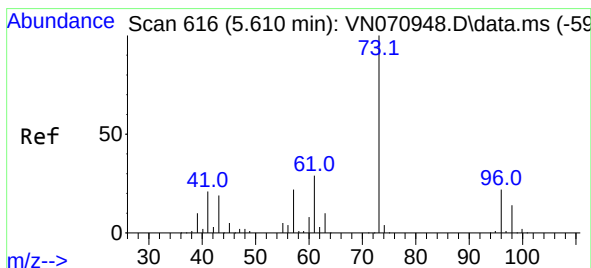
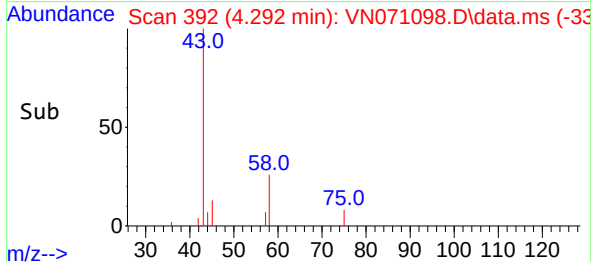
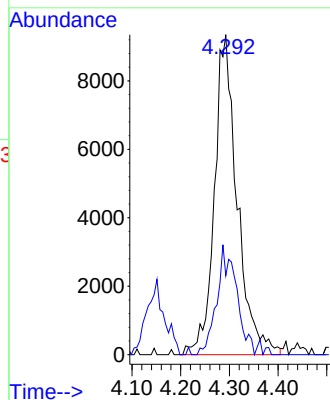
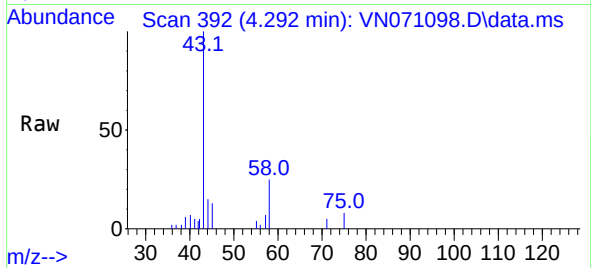




#16
Acetone
Concen: 5.947 ug/l
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

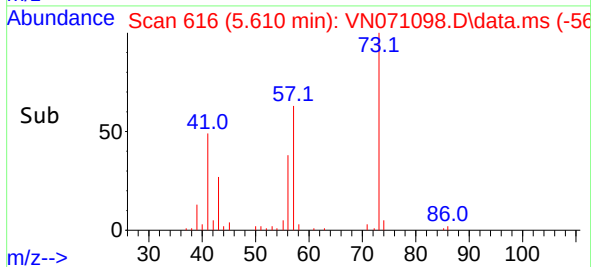
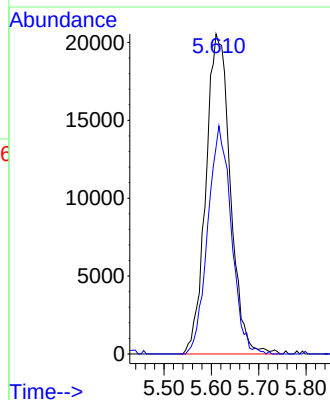
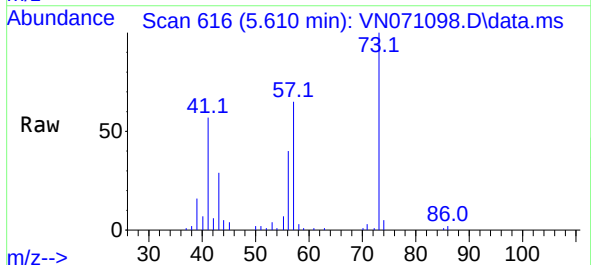
Instrument :
MSVOA_N
ClientSampleId :
MW-38

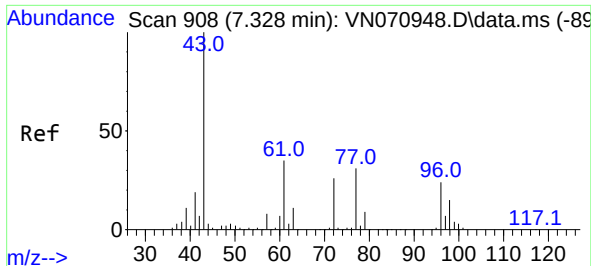
Tgt Ion: 43 Resp: 30421
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#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#

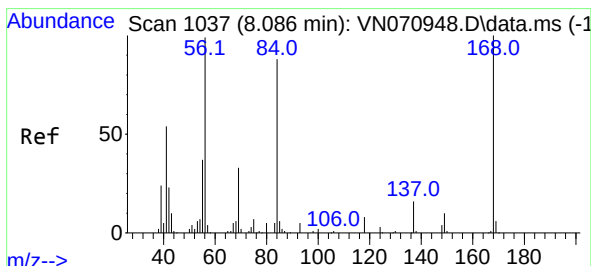
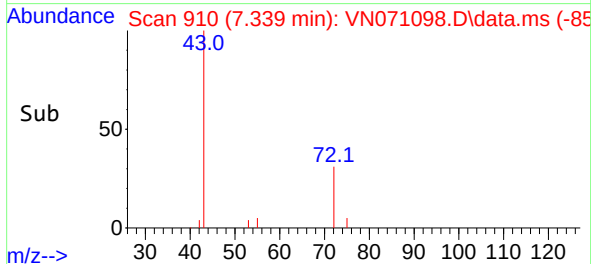
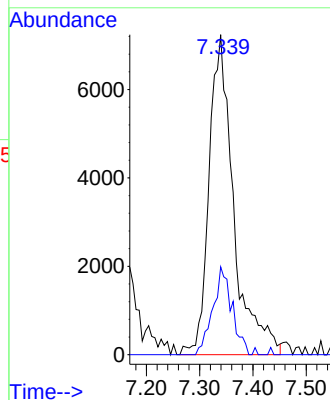
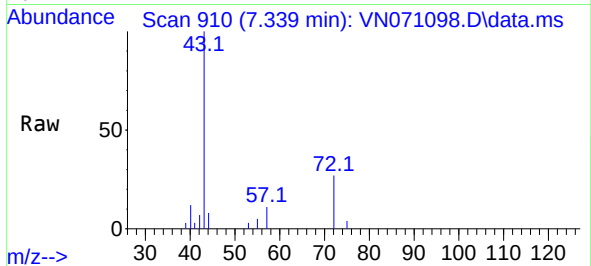




#25
2-Butanone
Concen: 3.417 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

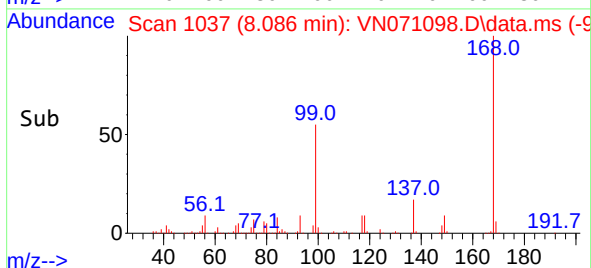
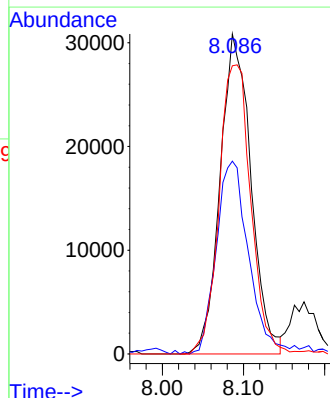
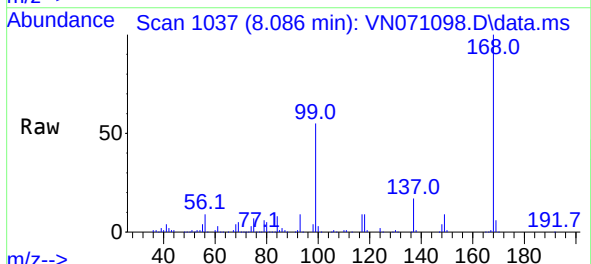
Instrument :
MSVOA_N
ClientSampleId :
MW-38

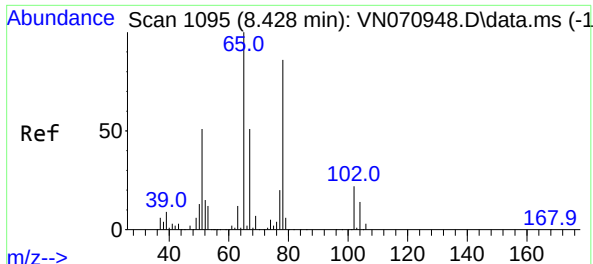
Tgt Ion: 43 Resp: 23256
Ion Ratio Lower Upper
43 100
72 27.5 21.7 32.5



#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

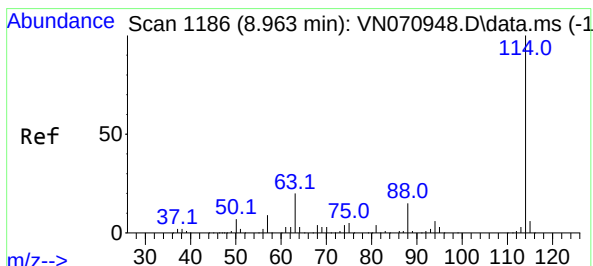
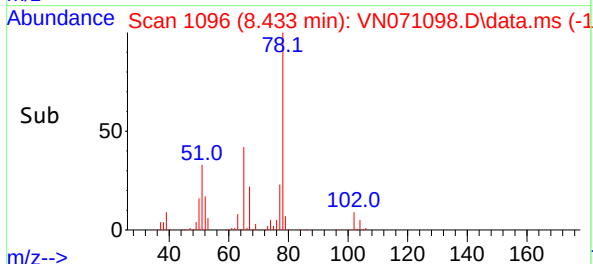
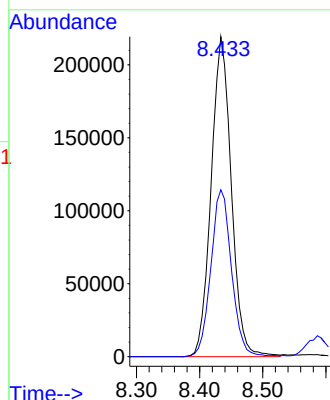
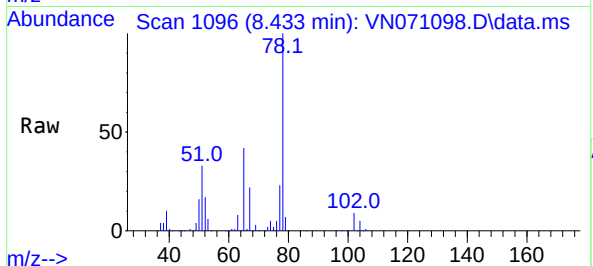




#33
1,2-Dichloroethane-d4
Concen: 52.340 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

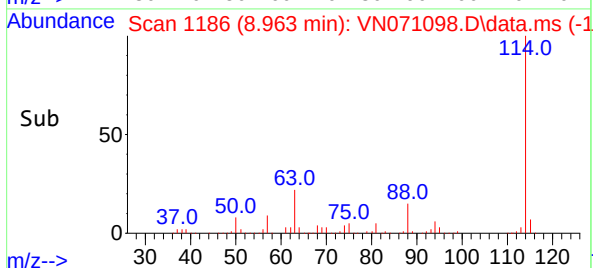
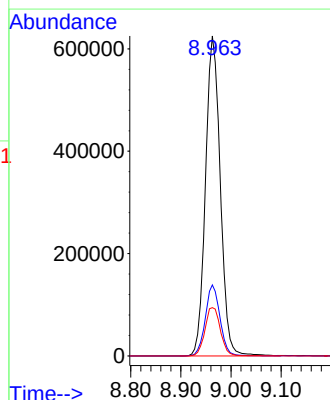
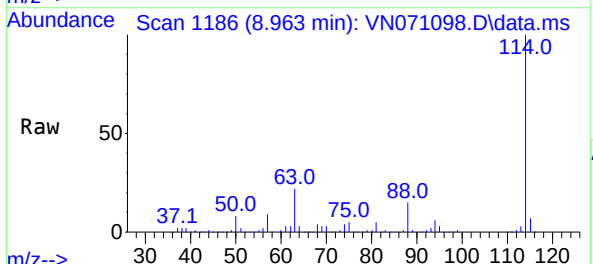
Instrument :
MSVOA_N
ClientSampleId :
MW-38

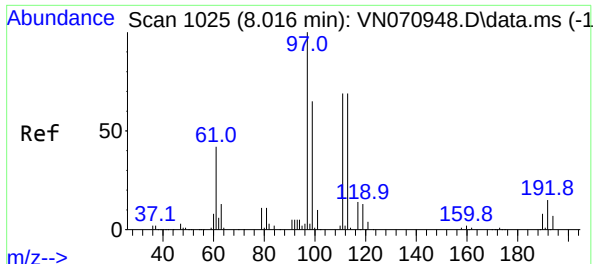
Tgt Ion: 65 Resp: 486186
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0



#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

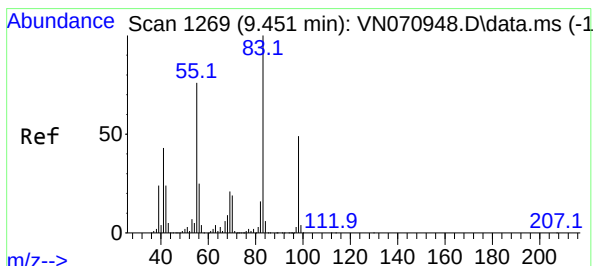
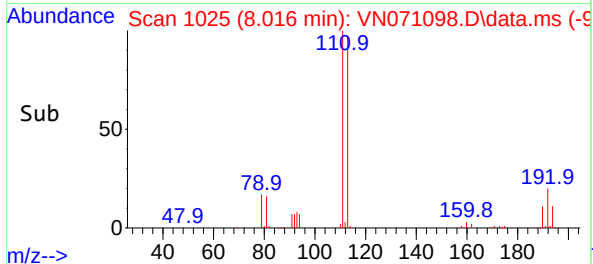
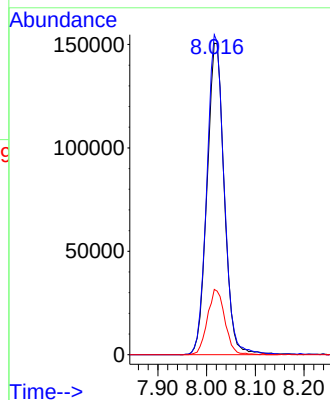
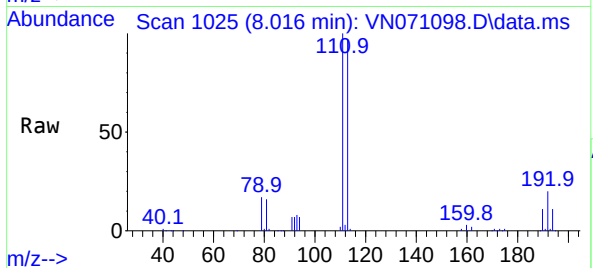




#35
Dibromofluoromethane
Concen: 48.213 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

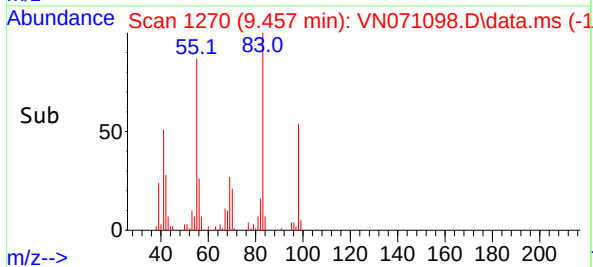
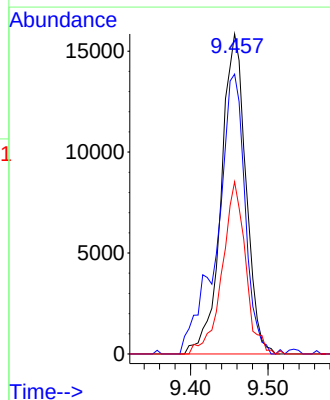
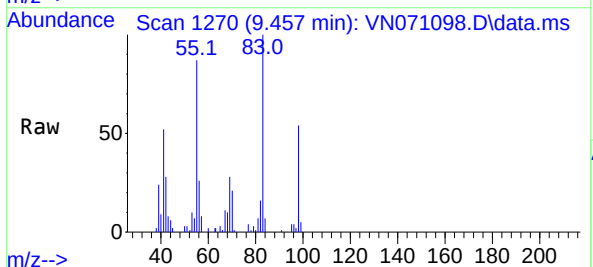
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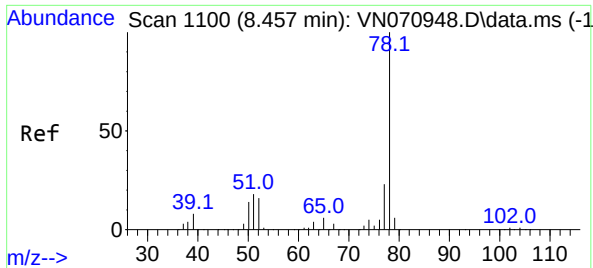
Tgt Ion:113 Resp: 368186
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 21.2 16.9 25.3



#39
Methylcyclohexane
Concen: 2.184 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

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

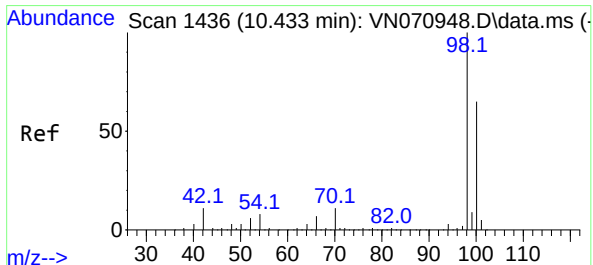
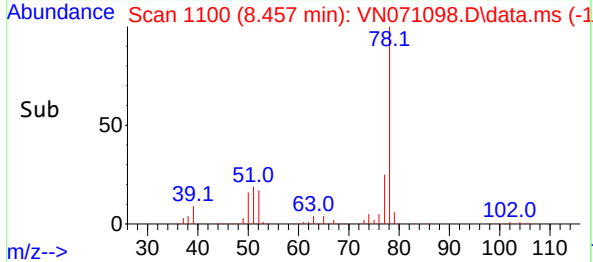
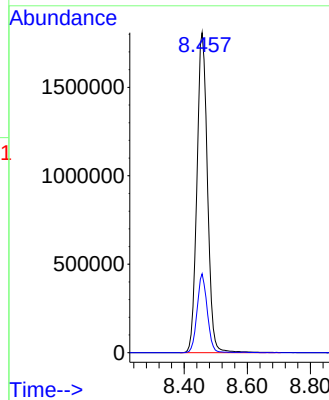
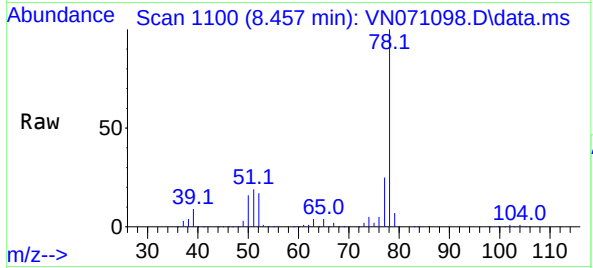




#40
Benzene
Concen: 113.341 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

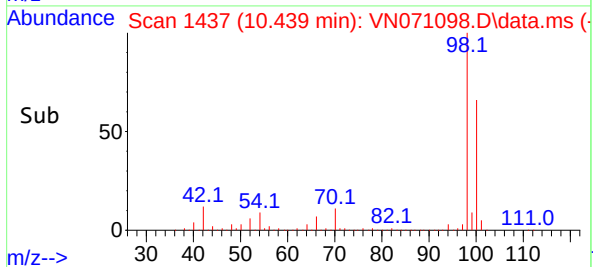
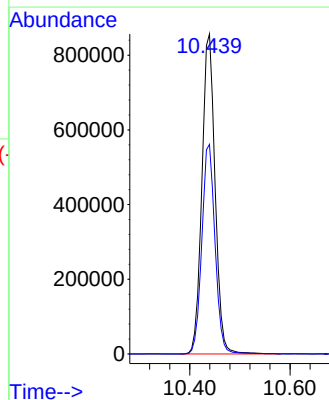
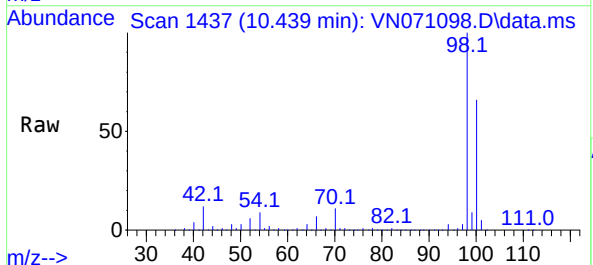
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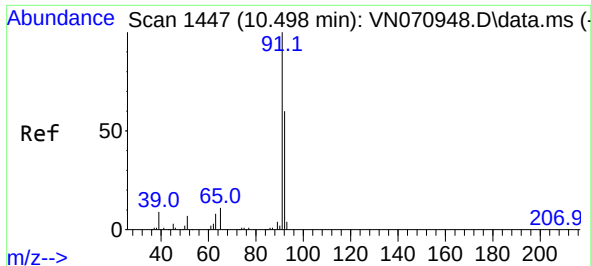
Tgt Ion: 78 Resp: 4194599
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8



#50
Toluene-d8
Concen: 50.939 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

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

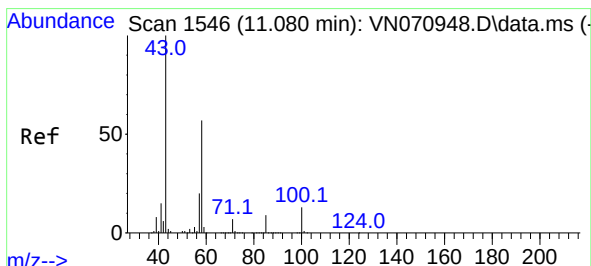
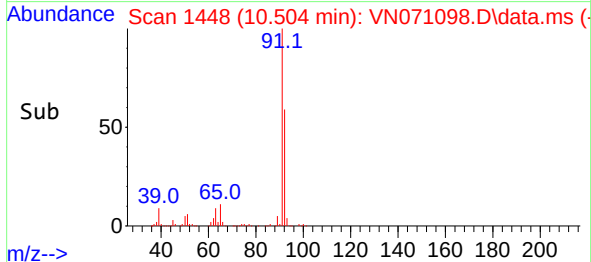
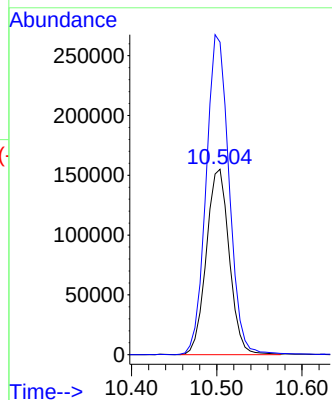
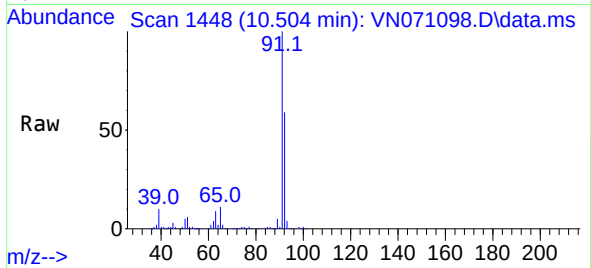




#52
Toluene
Concen: 12.505 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

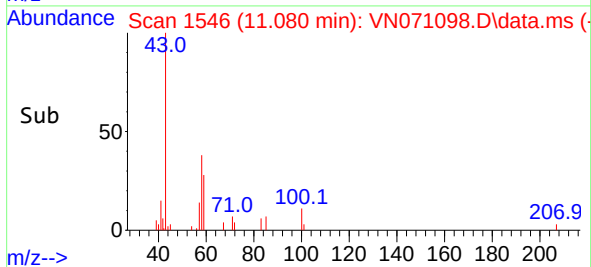
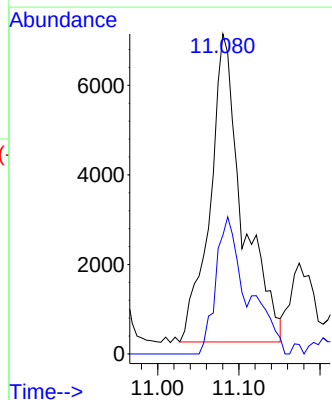
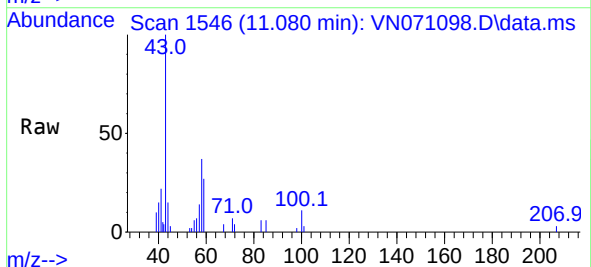
Instrument :
MSVOA_N
ClientSampleId :
MW-38

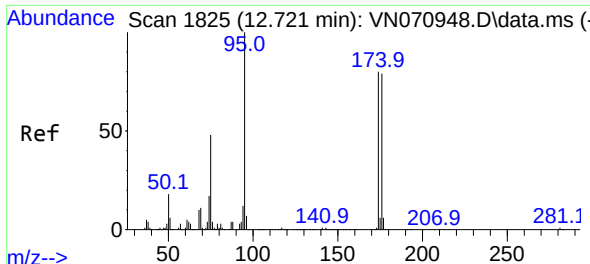
Tgt Ion: 92 Resp: 290793
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0



#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

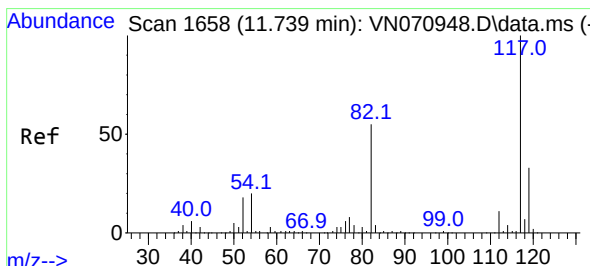
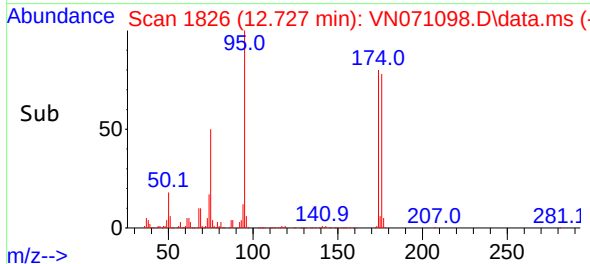
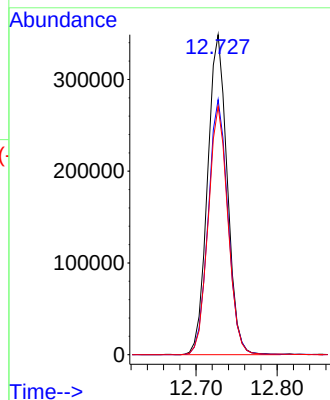
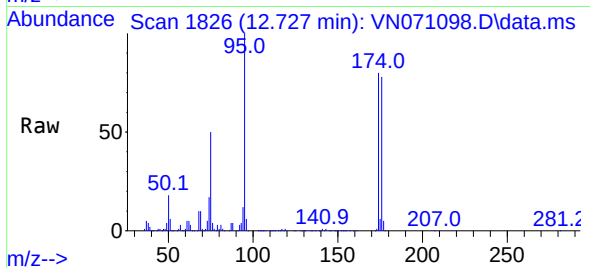




#62
4-Bromofluorobenzene
Concen: 53.502 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

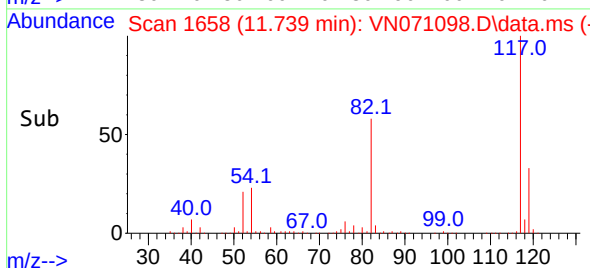
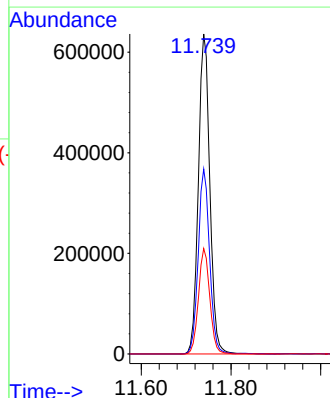
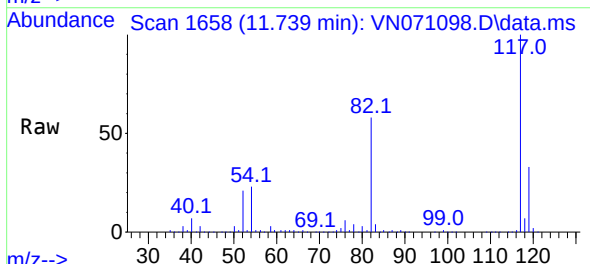
Instrument :
MSVOA_N
ClientSampleId :
MW-38

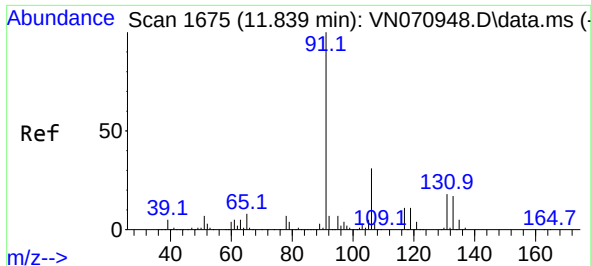
Tgt Ion: 95 Resp: 586492
Ion Ratio Lower Upper
95 100
174 79.9 0.0 187.2
176 77.4 0.0 181.4



#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

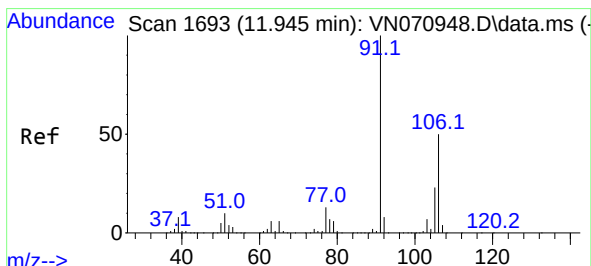
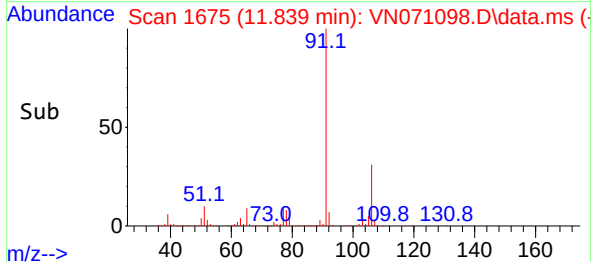
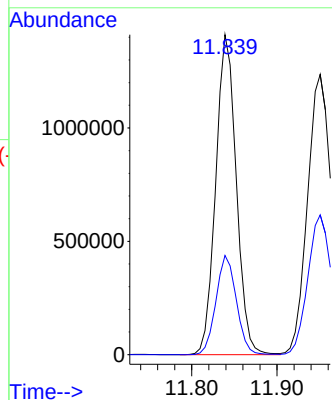
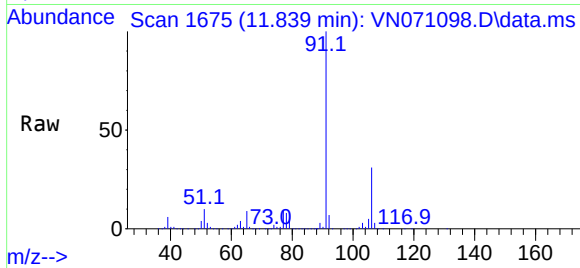




#67
Ethyl Benzene
Concen: 55.692 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

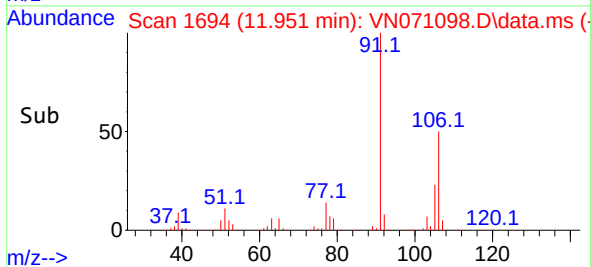
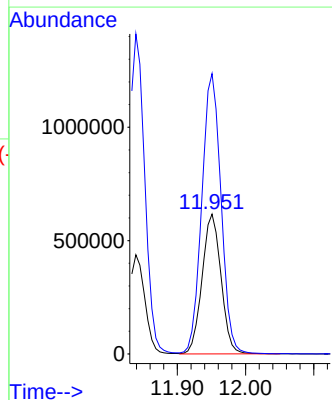
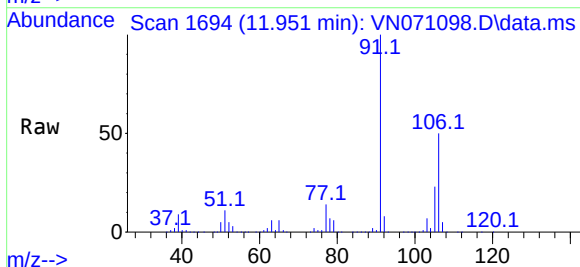
Instrument :
MSVOA_N
ClientSampleId :
MW-38

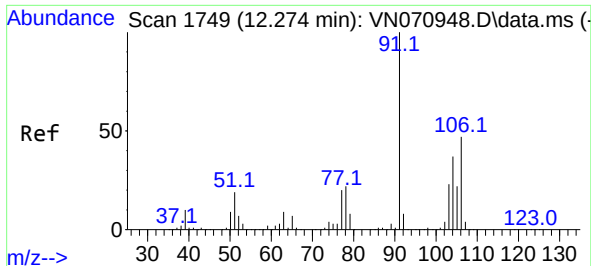
Tgt Ion: 91 Resp: 2363514
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#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

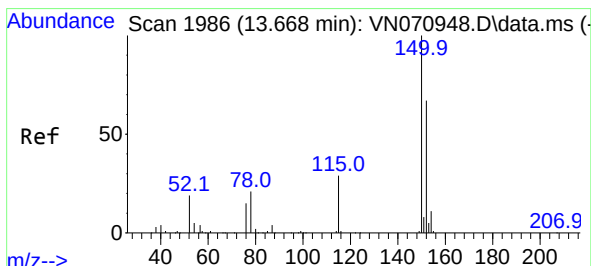
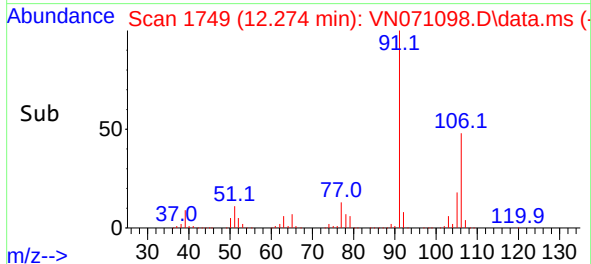
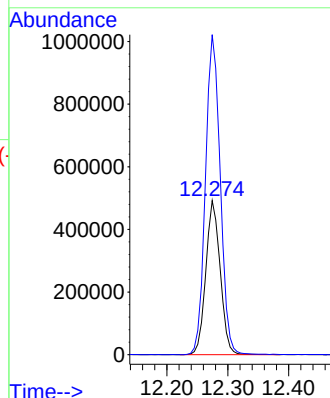
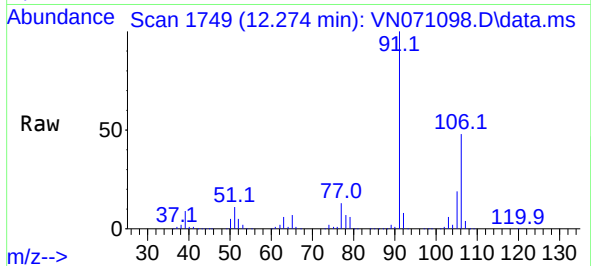




#69
o-Xylene
Concen: 50.468 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

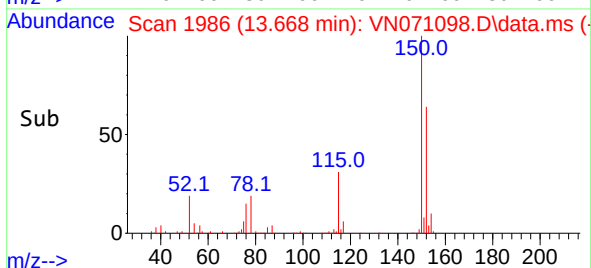
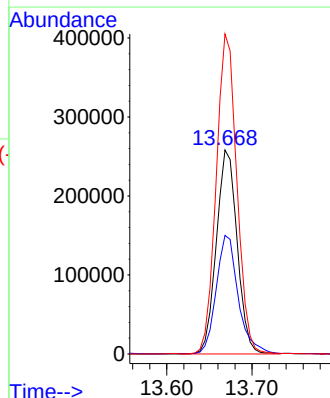
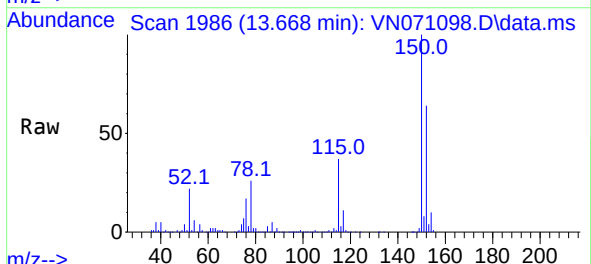
Instrument :
MSVOA_N
ClientSampleId :
MW-38

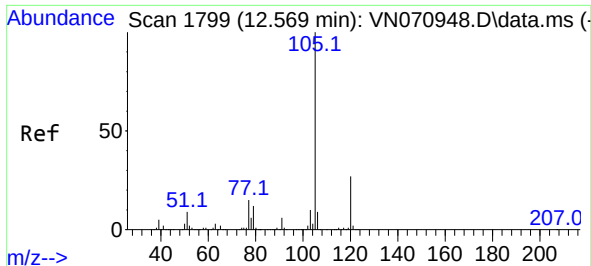
Tgt Ion:106 Resp: 808168
Ion Ratio Lower Upper
106 100
91 213.9 105.8 317.3



#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

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

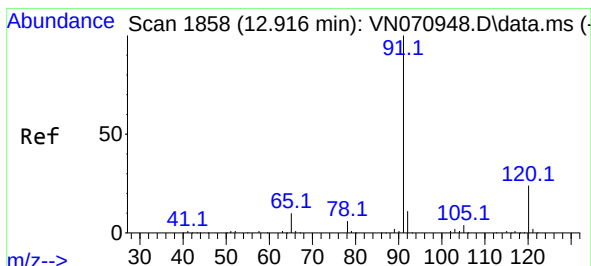
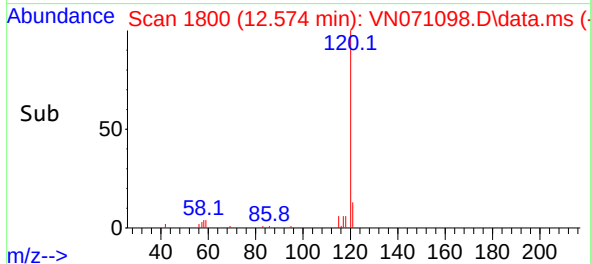
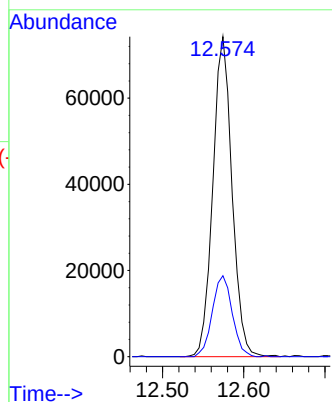
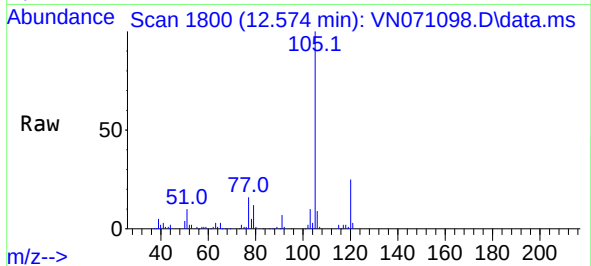




#73
Isopropylbenzene
Concen: 3.453 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071098.D
Acq: 28 Feb 2022 16:06

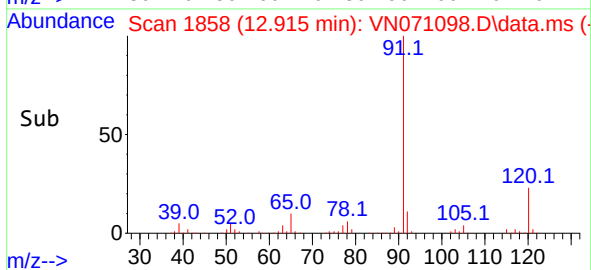
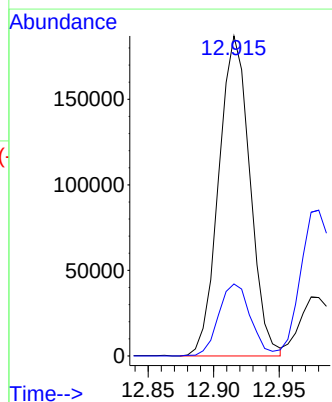
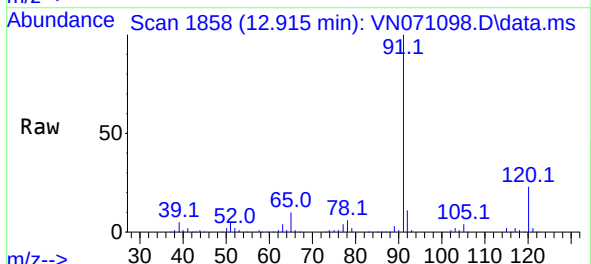
Instrument :
MSVOA_N
ClientSampleId :
MW-38

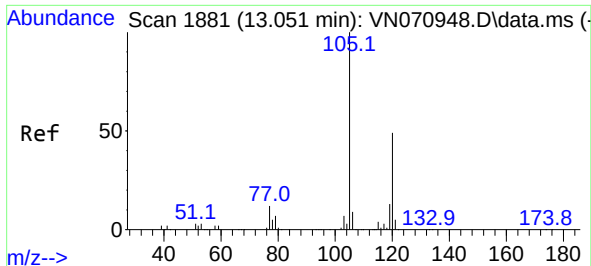
Tgt Ion:105 Resp: 121933
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#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

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

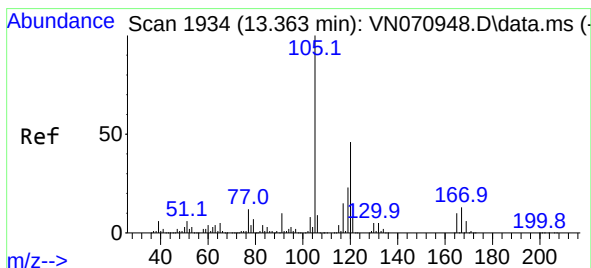
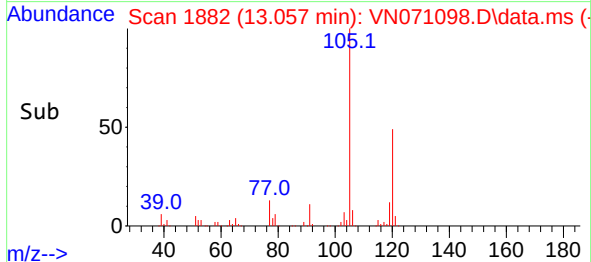
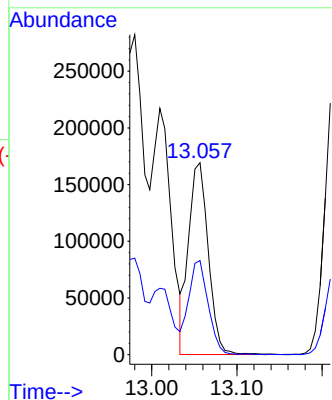
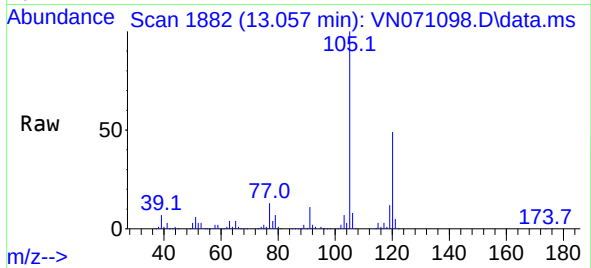




#80
 1,3,5-Trimethylbenzene
 Concen: 9.509 ug/l
 RT: 13.057 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN071098.D
 Acq: 28 Feb 2022 16:06

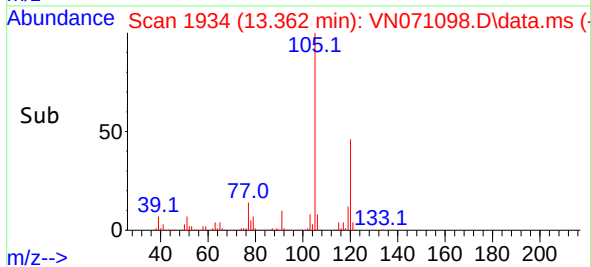
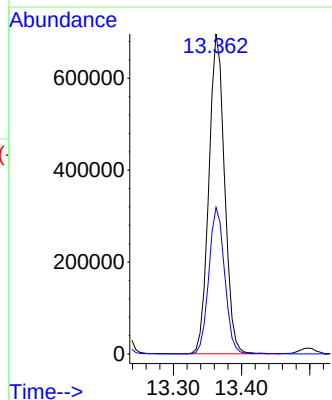
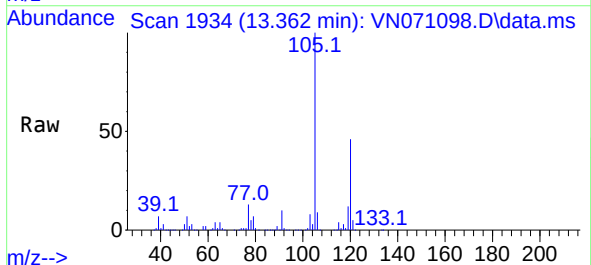
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

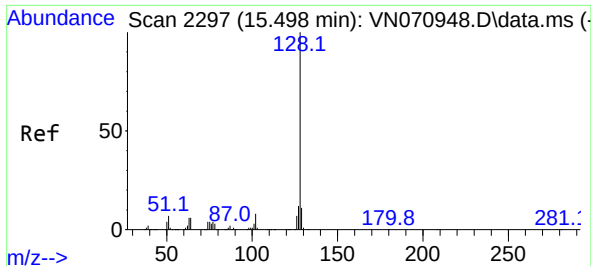
Tgt Ion:105 Resp: 272079
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 73.6



#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

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





#95

Naphthalene

Concen: 19.865 ug/l

RT: 15.503 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN071098.D

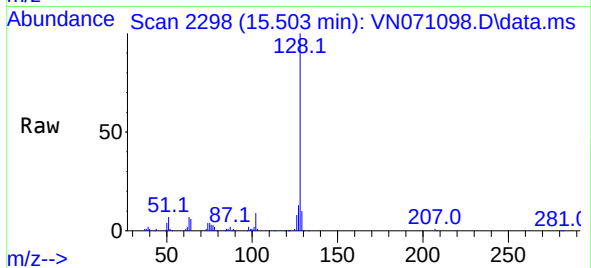
Acq: 28 Feb 2022 16:06

Instrument :

MSVOA_N

ClientSampleId :

MW-38



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

