

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072052.D
 Acq On : 19 Apr 2022 16:13
 Operator : JC\MD
 Sample : N2452-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-5

Quant Time: Apr 20 01:26:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

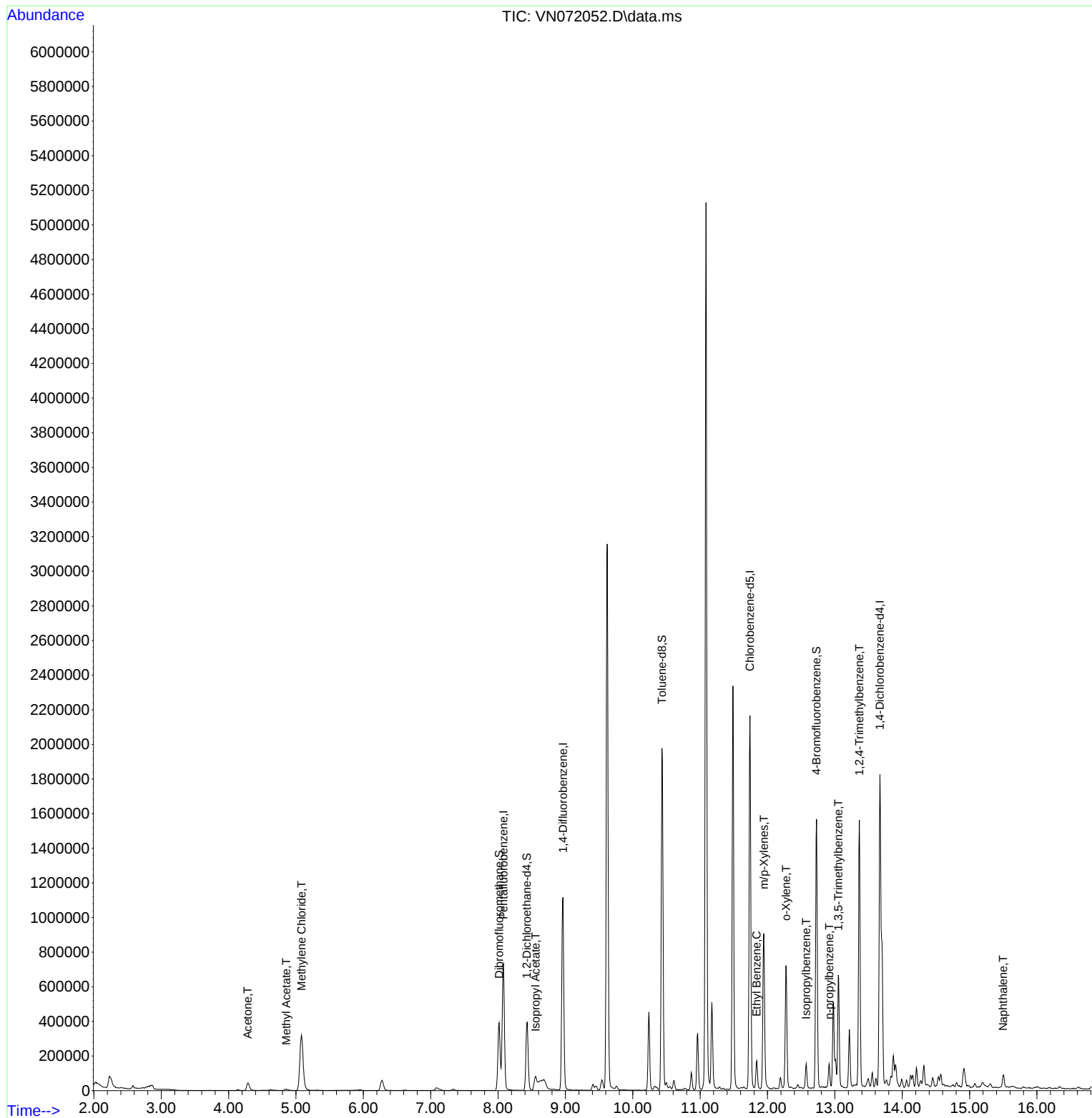
Internal Standards						
1) Pentafluorobenzene	8.081	168	616149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1065304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1323598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	527055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	332884	47.325	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.640%
35) Dibromofluoromethane	8.016	113	287694	45.894	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.780%
50) Toluene-d8	10.433	98	1444194	56.317	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	112.640%
62) 4-Bromofluorobenzene	12.727	95	564788	68.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	136.200%#
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	76992	25.612	ug/l	99
18) Methyl Acetate	4.857	43	19761	1.176	ug/l	95
20) Methylene Chloride	5.081	84	296074	46.728	ug/l	97
43) Isopropyl Acetate	8.557	43	98155	6.159	ug/l #	75
67) Ethyl Benzene	11.839	91	113980	2.540	ug/l	99
68) m/p-Xylenes	11.945	106	298697	17.327	ug/l	99
69) o-Xylene	12.274	106	211324	12.351	ug/l	97
73) Isopropylbenzene	12.574	105	96894	2.182	ug/l	97
78) n-propylbenzene	12.916	91	110078	2.356	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	373527	10.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	904827	26.354	ug/l	99
95) Naphthalene	15.498	128	77108	6.771	ug/l	99

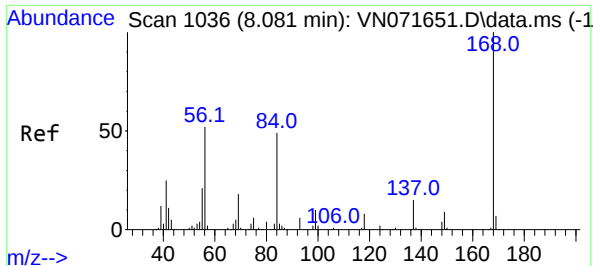
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
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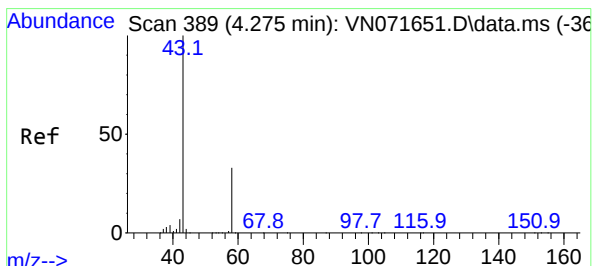
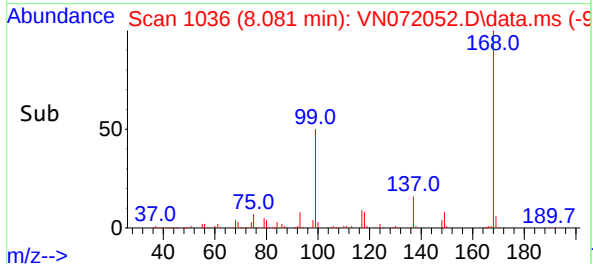
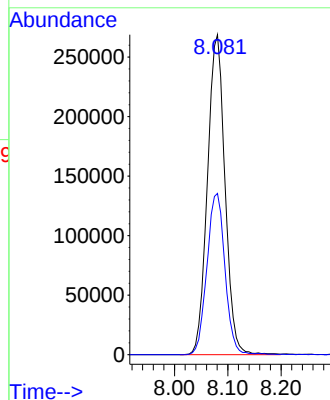
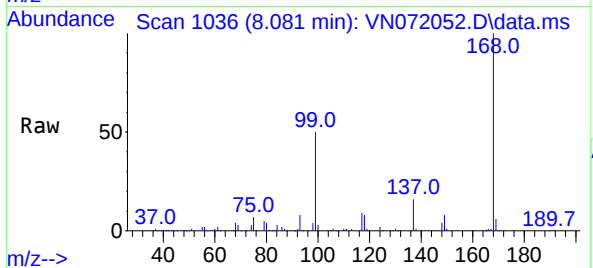




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

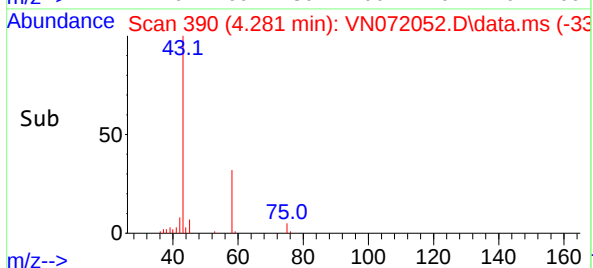
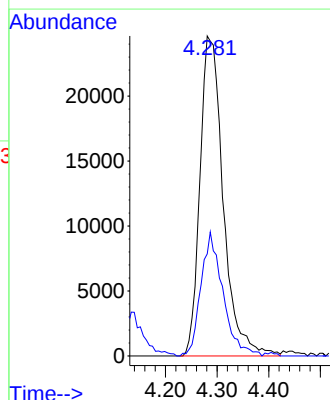
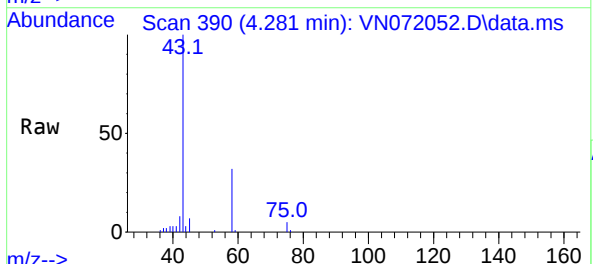
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

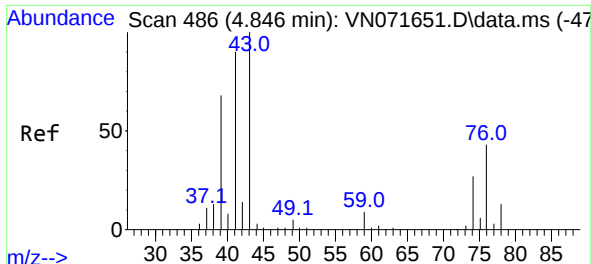
Tgt Ion:168 Resp: 616149
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#16
Acetone
Concen: 25.612 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 76992
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#18

Methyl Acetate

Concen: 1.176 ug/l

RT: 4.857 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

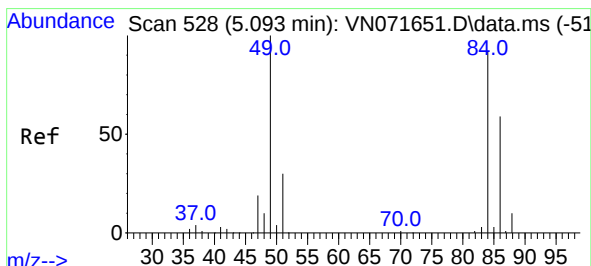
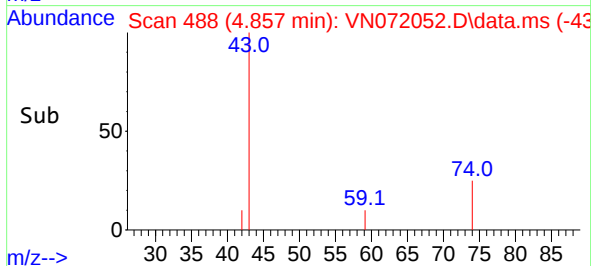
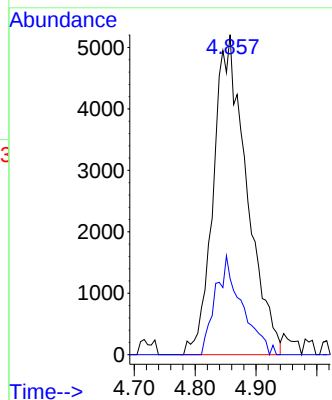
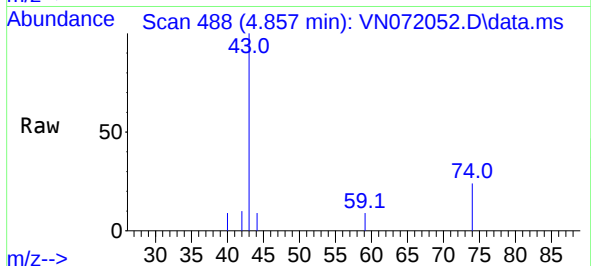
WC-15-1-5

Tgt Ion: 43 Resp: 19761

Ion Ratio Lower Upper

43 100

74 24.6 21.6 32.4



#20

Methylene Chloride

Concen: 46.728 ug/l

RT: 5.081 min Scan# 526

Delta R.T. -0.012 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Tgt Ion: 84 Resp: 296074

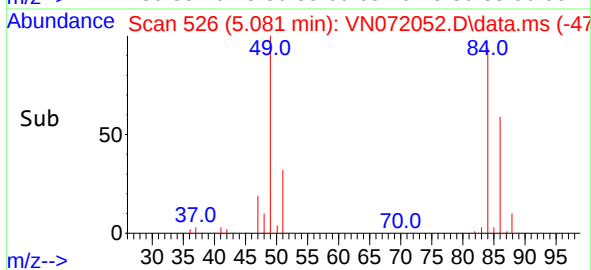
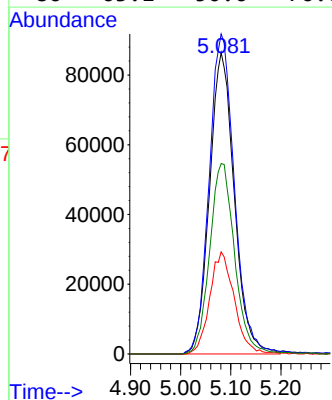
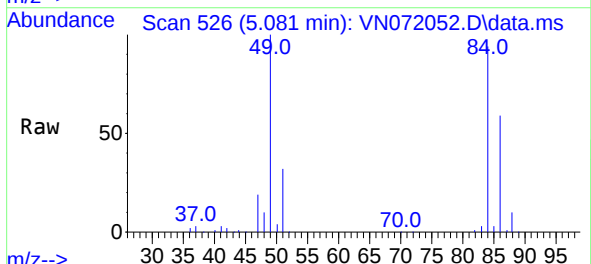
Ion Ratio Lower Upper

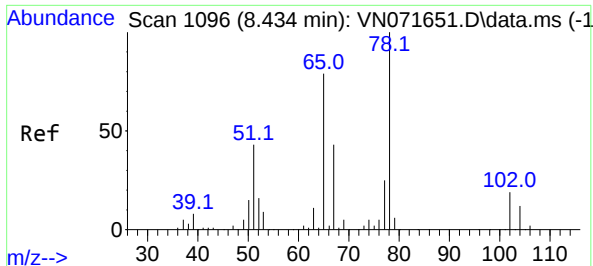
84 100

49 106.1 88.3 132.5

51 33.9 28.2 42.2

86 63.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.325 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

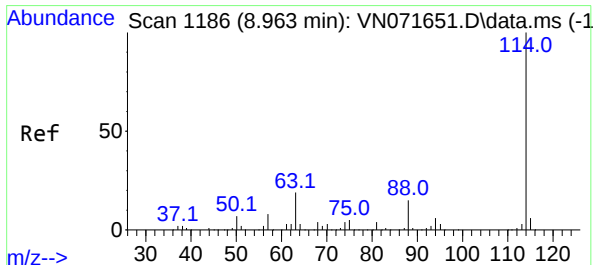
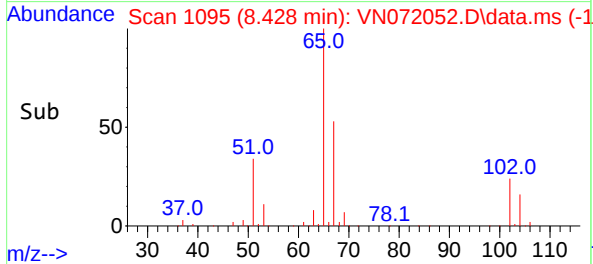
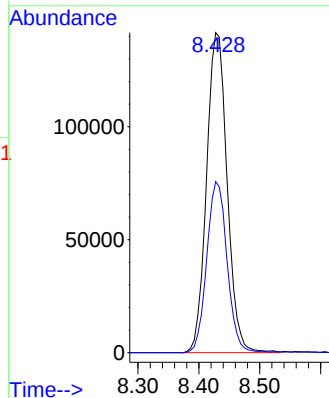
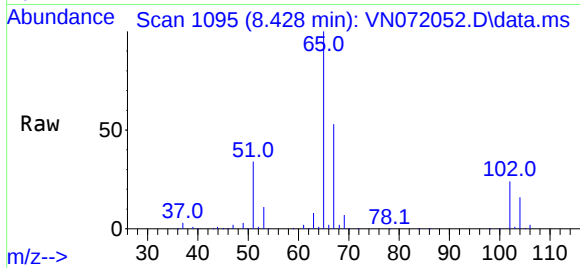
WC-15-1-5

Tgt Ion: 65 Resp: 332884

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

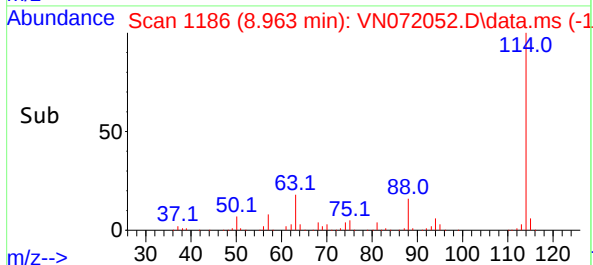
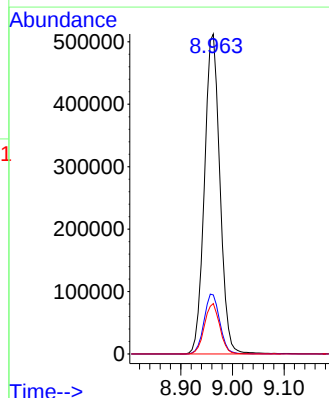
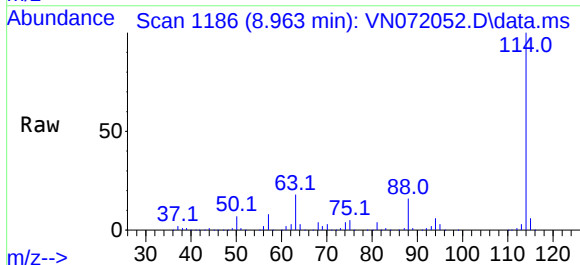
Tgt Ion: 114 Resp: 1065304

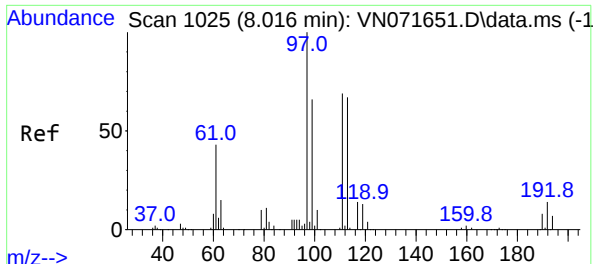
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.7 0.0 32.6

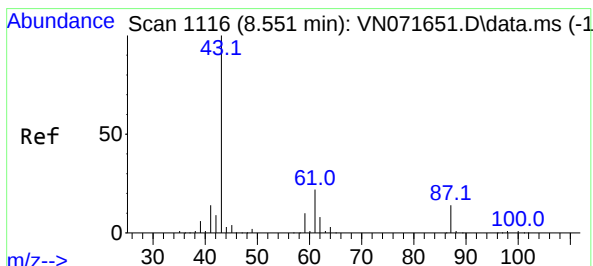
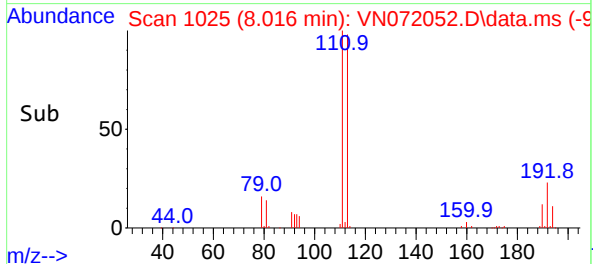
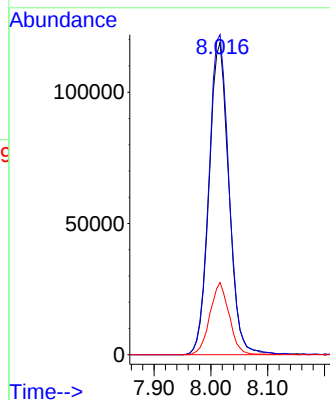
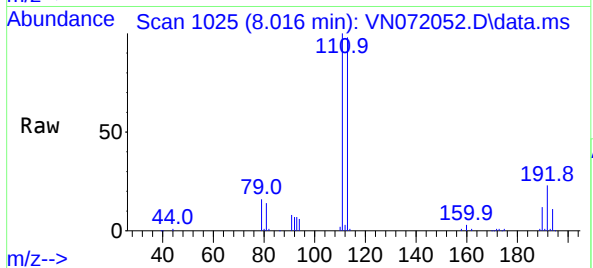




#35
Dibromofluoromethane
Concen: 45.894 ug/l
RT: 8.016 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

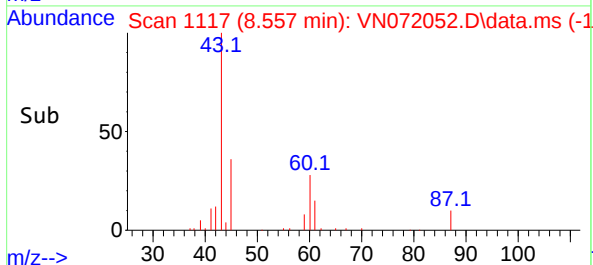
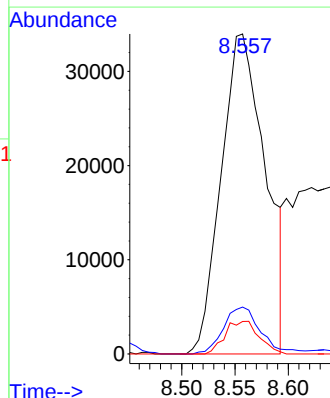
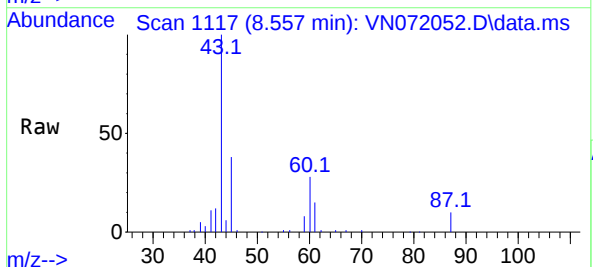
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

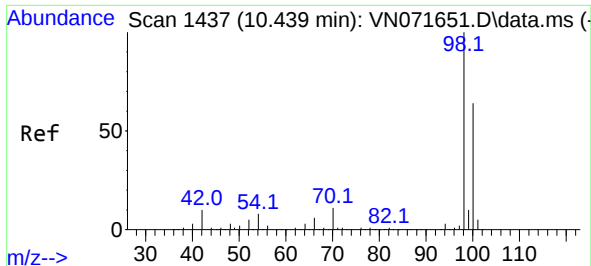
Tgt Ion:113 Resp: 287694
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 22.5 17.0 25.6



#43
Isopropyl Acetate
Concen: 6.159 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 98155
Ion Ratio Lower Upper
43 100
61 12.4 21.9 32.9#
87 7.9 12.0 18.0#

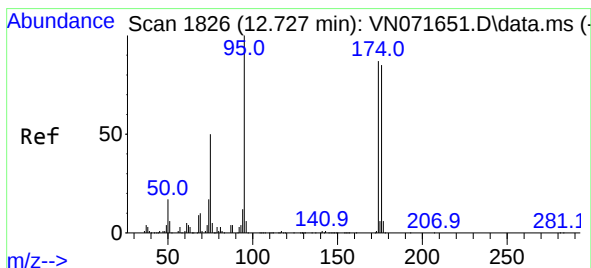
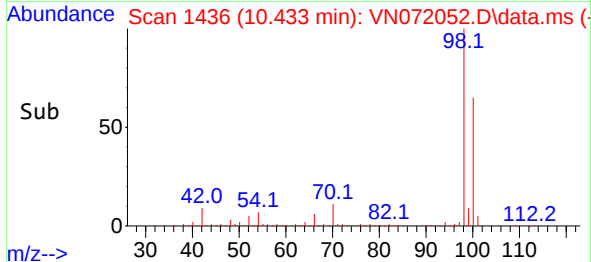
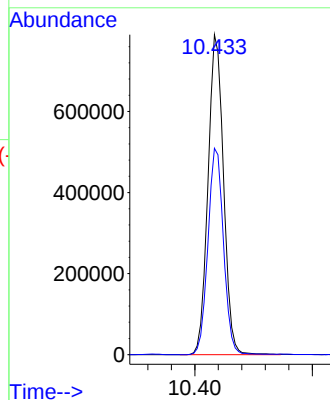
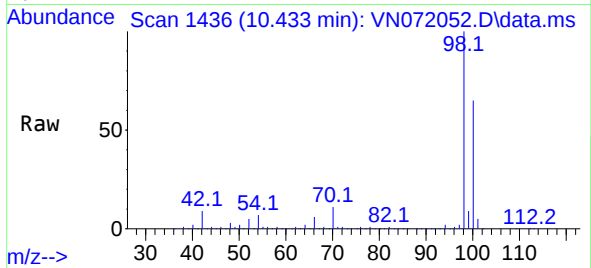




#50
Toluene-d8
Concen: 56.317 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

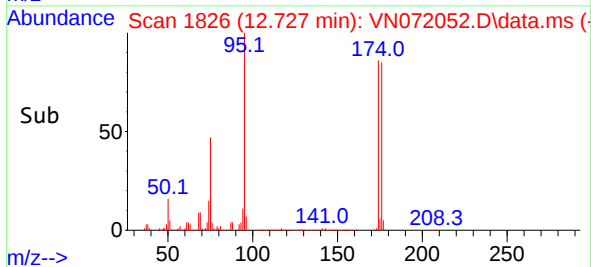
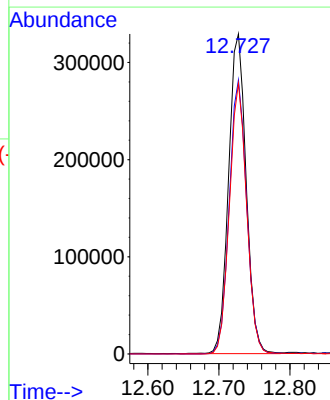
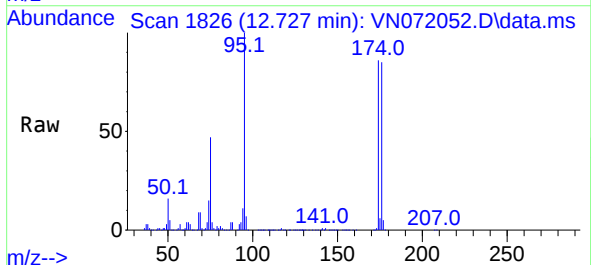
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

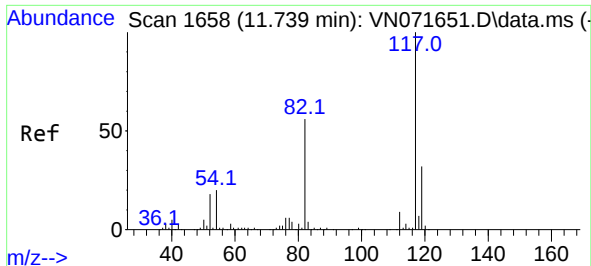
Tgt Ion: 98 Resp: 1444194
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 68.099 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion: 95 Resp: 564788
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 83.0 0.0 163.4

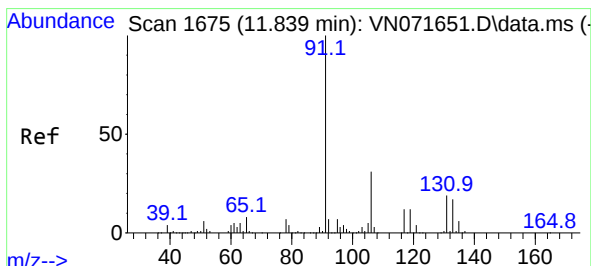
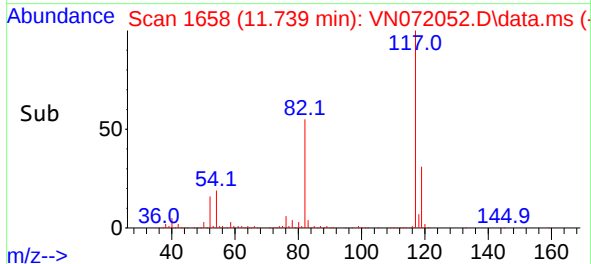
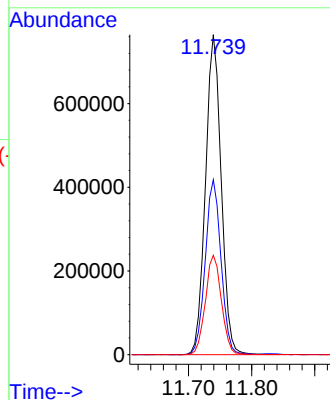
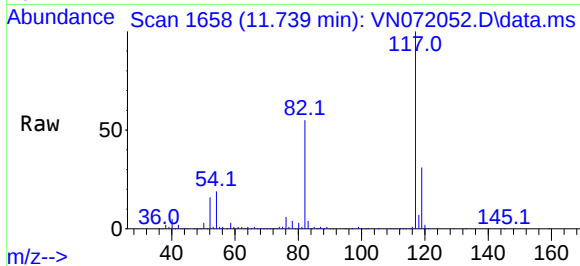




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

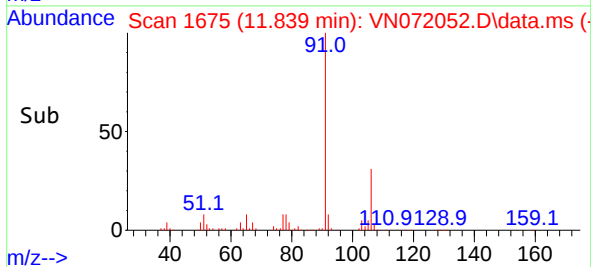
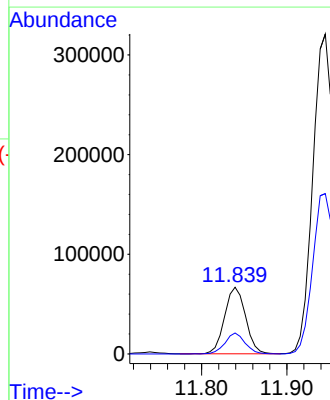
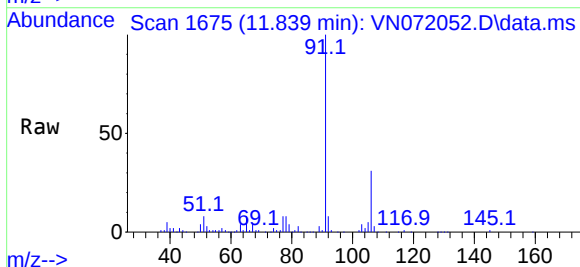
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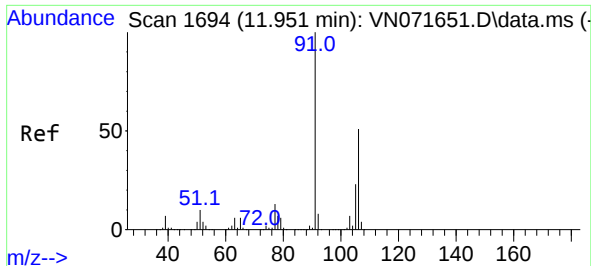
Tgt Ion:117 Resp: 1323598
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.1 25.4 38.0



#67
Ethyl Benzene
Concen: 2.540 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion: 91 Resp: 113980
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

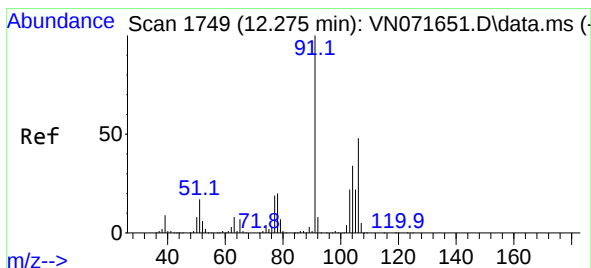
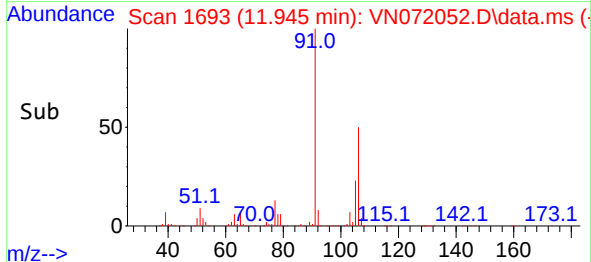
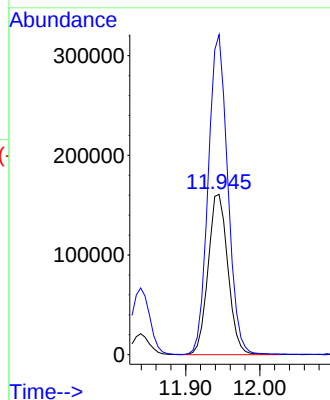
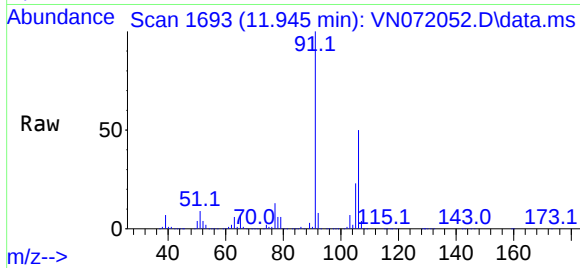




#68
m/p-Xylenes
Concen: 17.327 ug/l
RT: 11.945 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

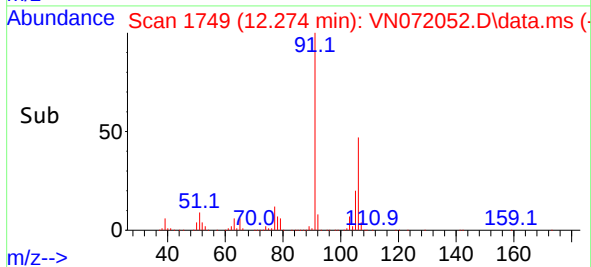
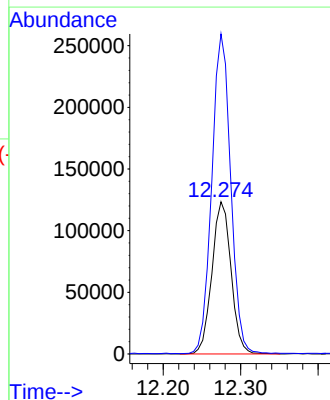
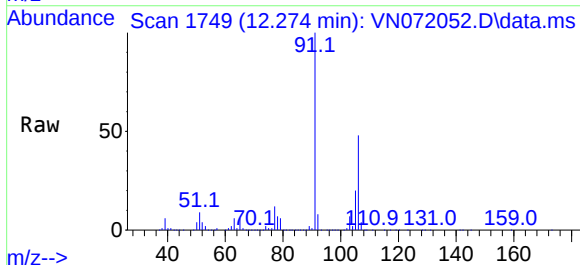
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

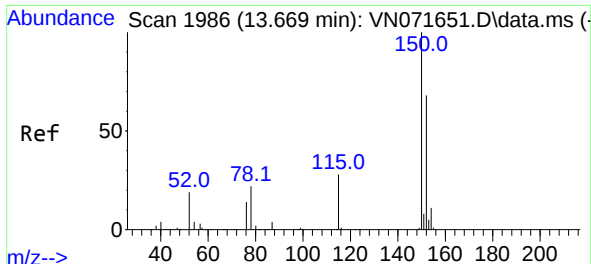
Tgt Ion:106 Resp: 298697
Ion Ratio Lower Upper
106 100
91 196.4 158.9 238.3



#69
o-Xylene
Concen: 12.351 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion:106 Resp: 211324
Ion Ratio Lower Upper
106 100
91 207.9 106.0 318.0

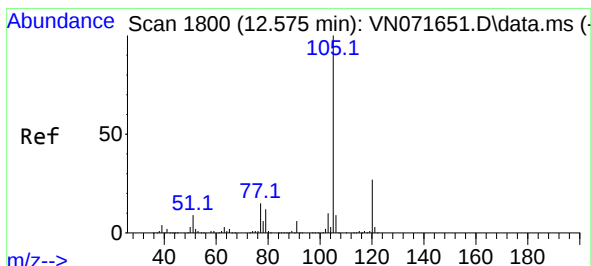
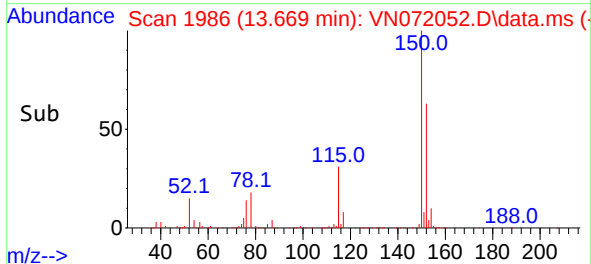
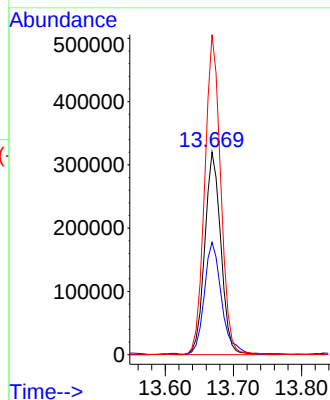
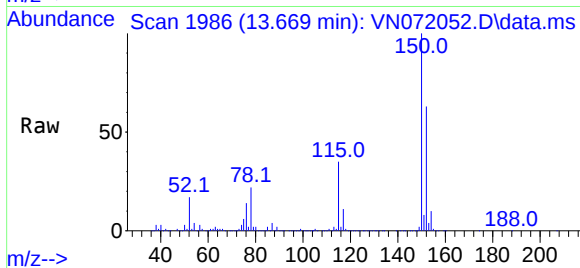




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

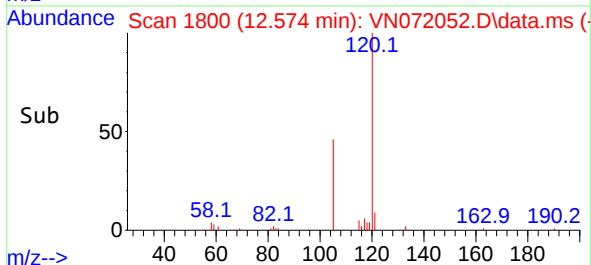
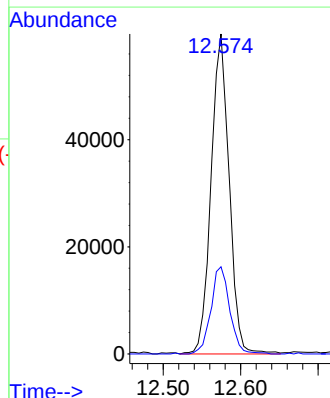
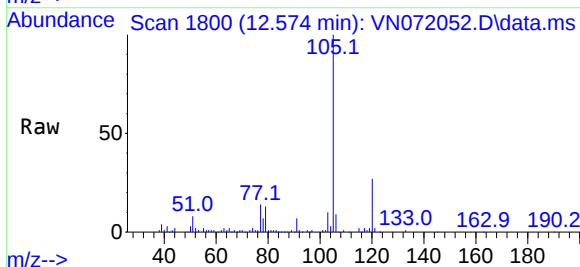
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

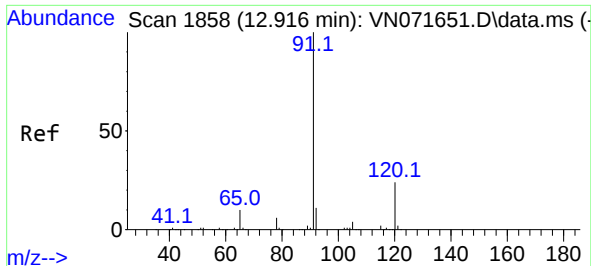
Tgt Ion:152 Resp: 527055
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 2.182 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion:105 Resp: 96894
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4

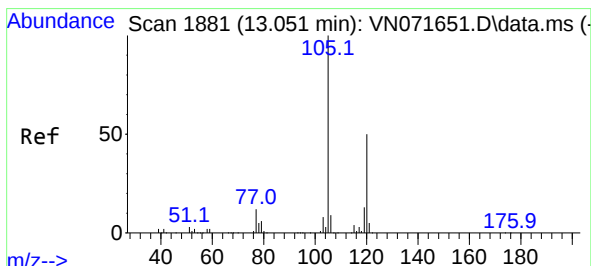
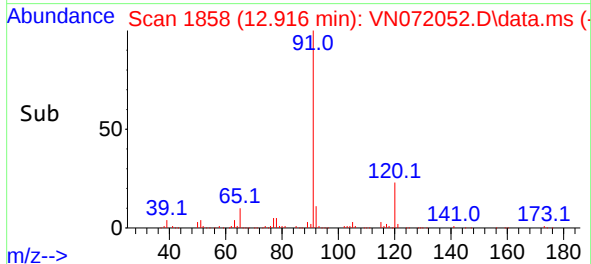
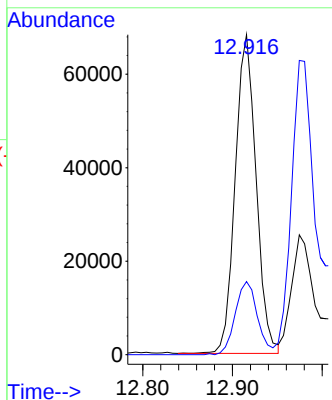
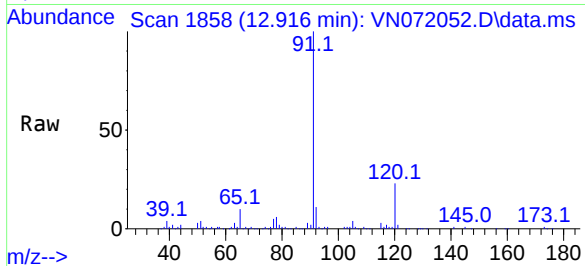




#78
n-propylbenzene
Concen: 2.356 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

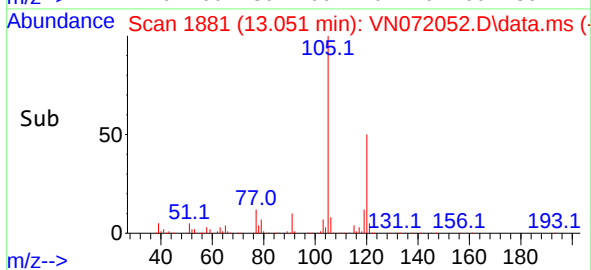
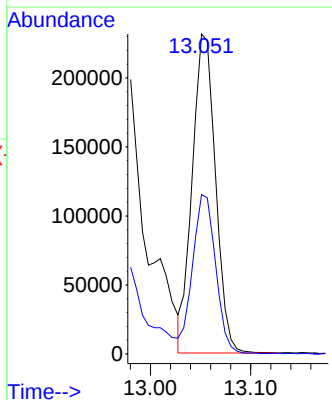
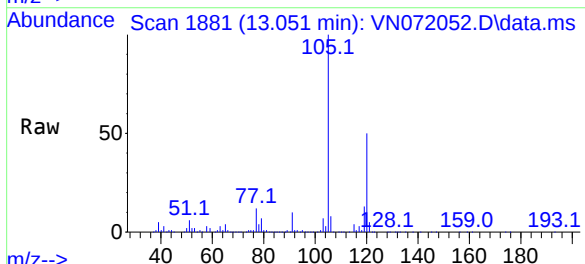
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

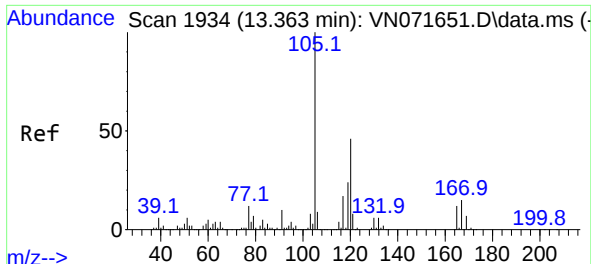
Tgt Ion: 91 Resp: 110078
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 10.615 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion: 105 Resp: 373527
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

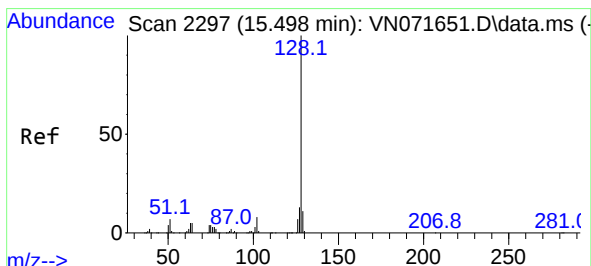
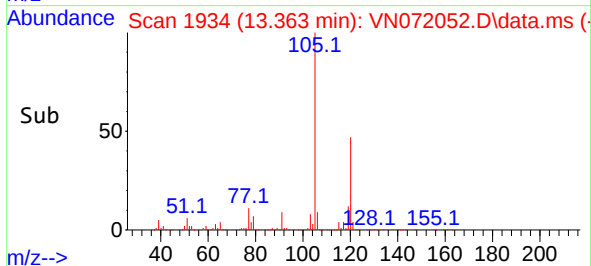
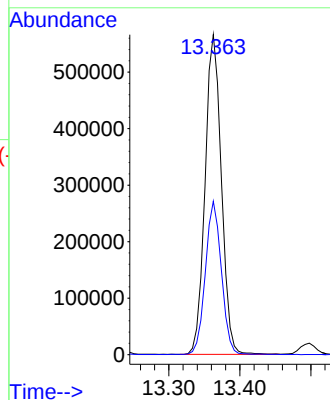
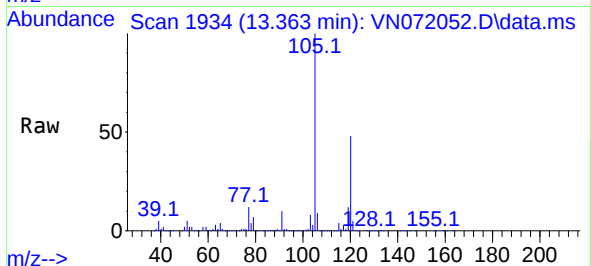




#84
1,2,4-Trimethylbenzene
Concen: 26.354 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5

Tgt Ion:105 Resp: 904827
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



#95
Naphthalene
Concen: 6.771 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072052.D
Acq: 19 Apr 2022 16:13

Tgt Ion:128 Resp: 77108
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.5 8.6 13.0

