

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072152.D
 Acq On : 22 Apr 2022 13:22
 Operator : JC\MD
 Sample : N2482-09DL2 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL2

Quant Time: Apr 23 03:15:13 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	8.080	168	397445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	628979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	544011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	187477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	239397	52.762	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.520%	
35) Dibromofluoromethane	8.022	113	208776	56.408	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.820%	
50) Toluene-d8	10.439	98	751201	49.615	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.727	95	223558	45.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.300%	

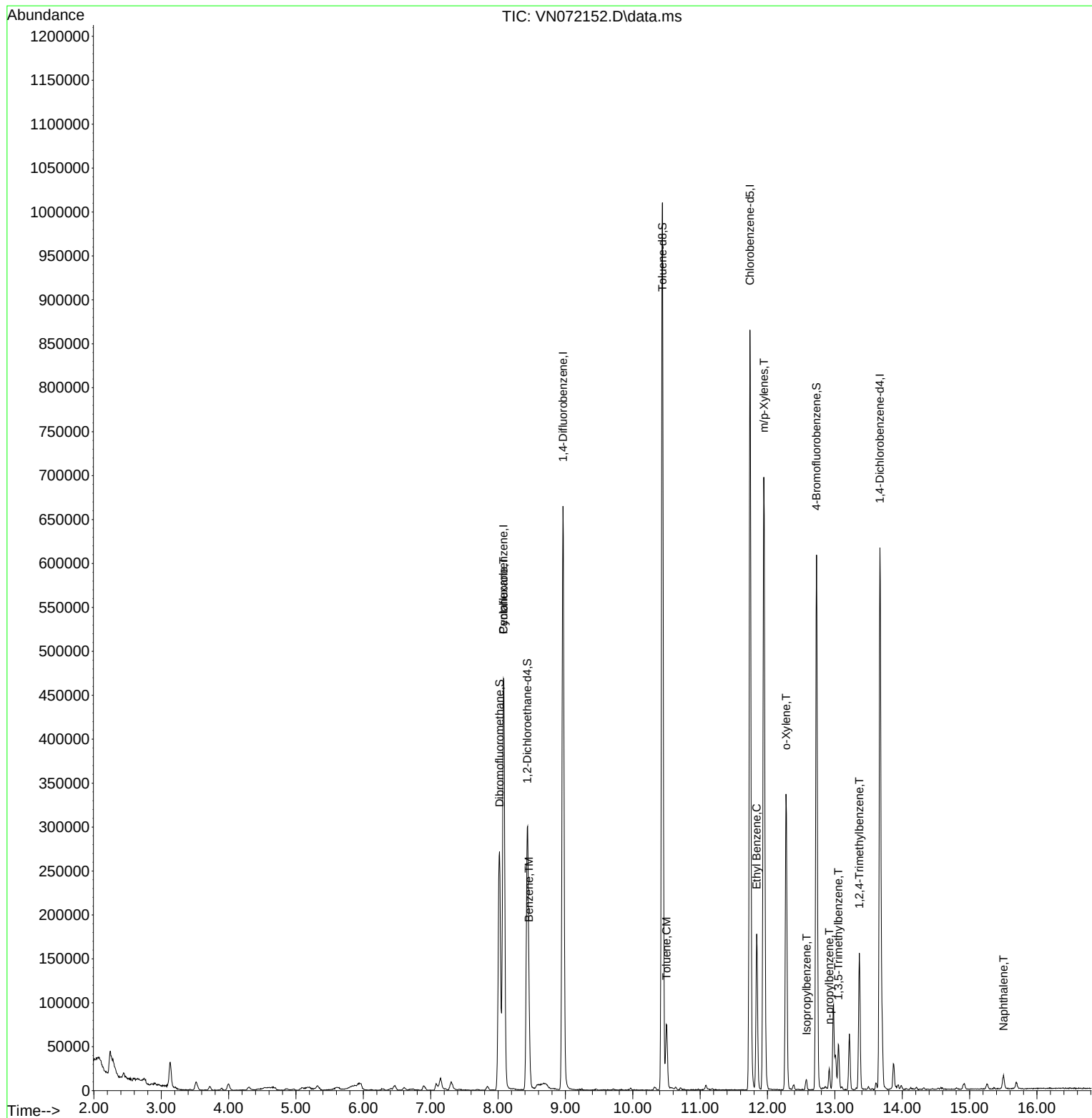
Target Compounds						Qvalue
31) Cyclohexane	8.080	56	9075	1.471	ug/l	# 13
40) Benzene	8.457	78	52607	3.222	ug/l	95
52) Toluene	10.498	92	32526	3.151	ug/l	97
67) Ethyl Benzene	11.839	91	132496	7.185	ug/l	93
68) m/p-Xylenes	11.945	106	244728	34.540	ug/l	99
69) o-Xylene	12.274	106	103859	14.768	ug/l	98
73) Isopropylbenzene	12.580	105	9135	0.578	ug/l	97
78) n-propylbenzene	12.915	91	19313	1.162	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	29407	2.349	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	92236	7.552	ug/l	99
95) Naphthalene	15.504	128	17367	5.682	ug/l	97

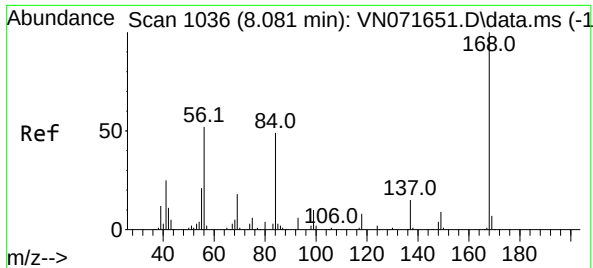
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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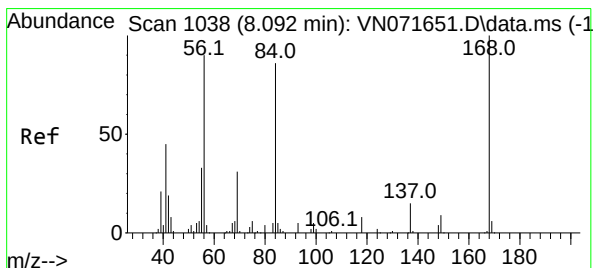
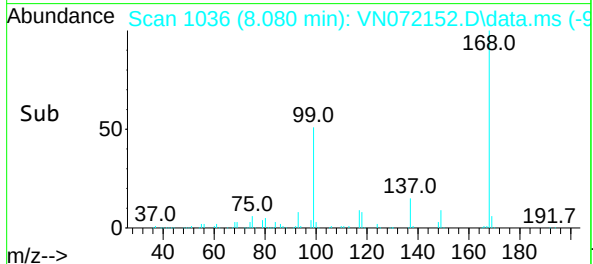
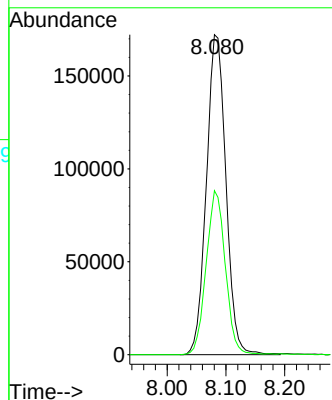
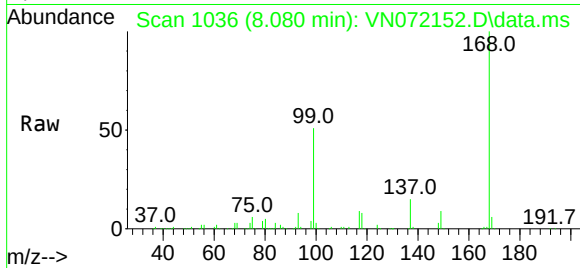




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

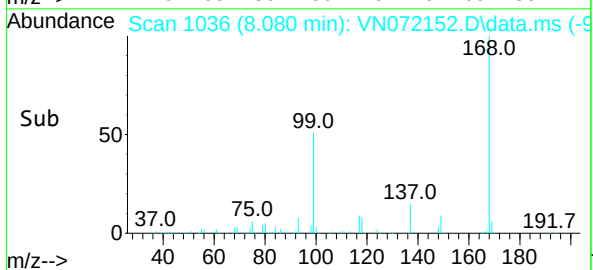
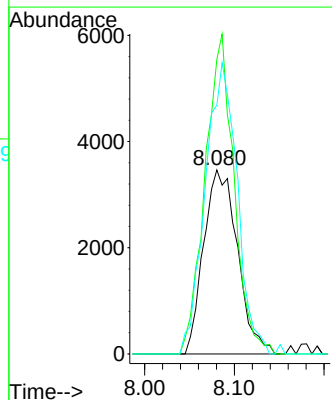
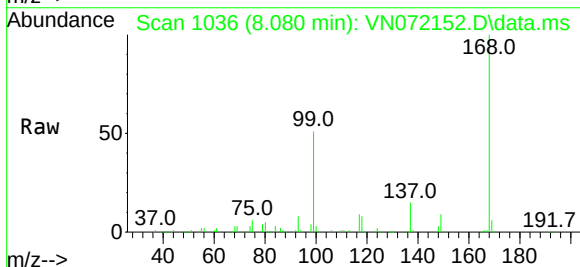
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL2

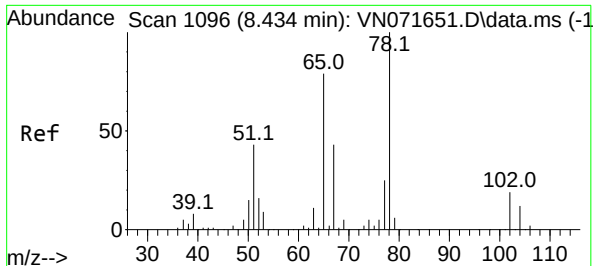
Tgt Ion:168 Resp: 397445
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5



#31
Cyclohexane
Concen: 1.471 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 56 Resp: 9075
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.8#
84 135.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.762 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

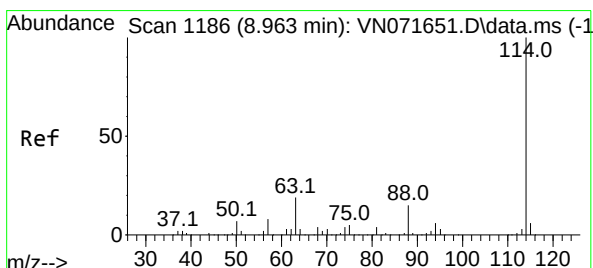
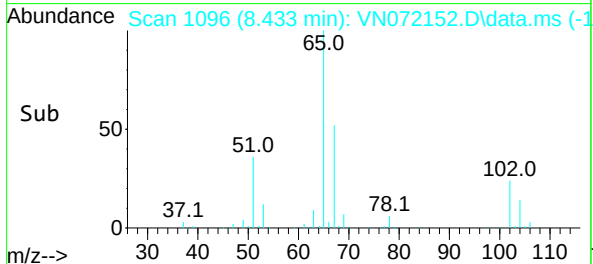
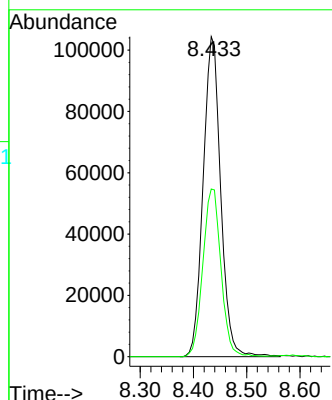
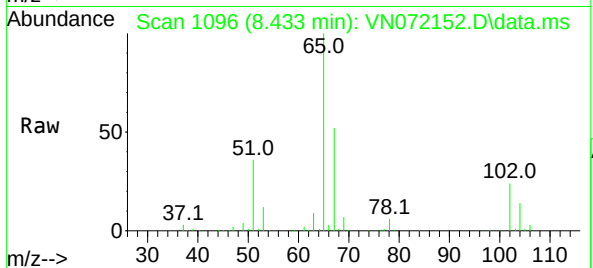
MW-14DL2

Tgt Ion: 65 Resp: 239397

Ion Ratio Lower Upper

65 100

67 54.1 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: VN072152.D

Acq: 22 Apr 2022 13:22

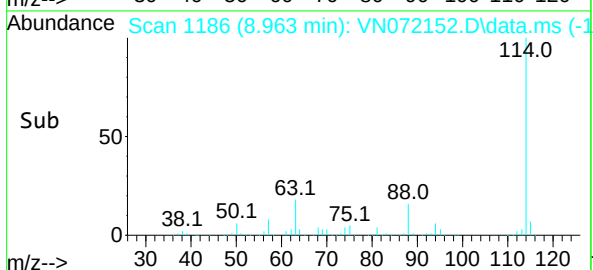
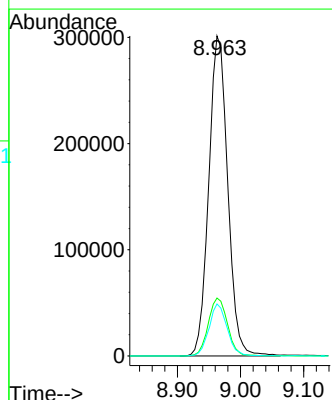
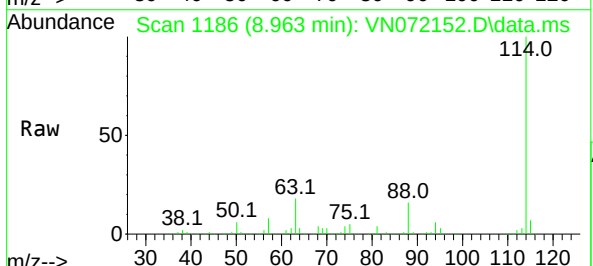
Tgt Ion: 114 Resp: 628979

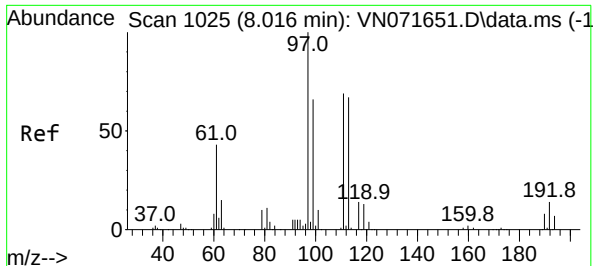
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.408 ug/l

RT: 8.022 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL2

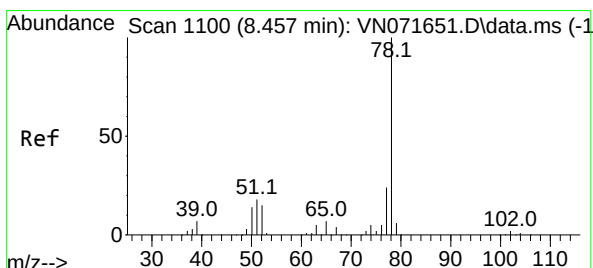
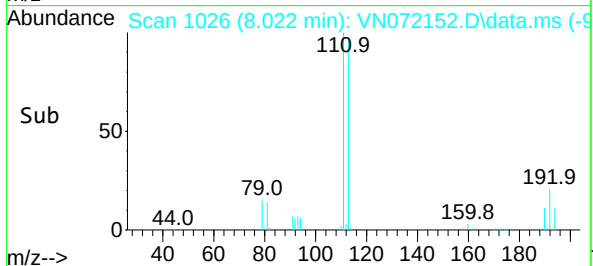
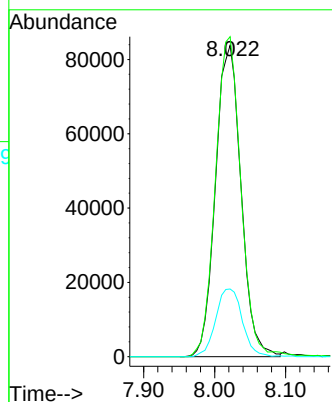
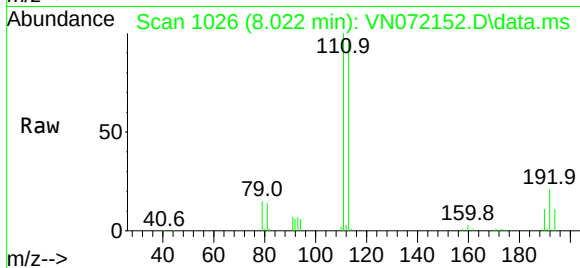
Tgt Ion:113 Resp: 208776

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.7 17.0 25.6



#40

Benzene

Concen: 3.222 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072152.D

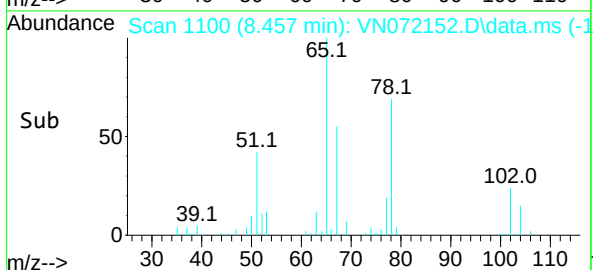
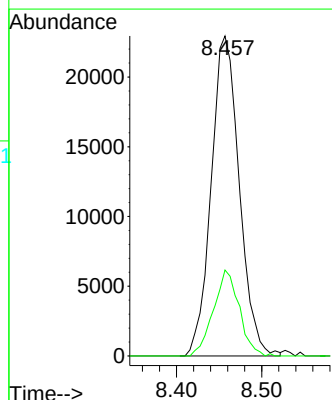
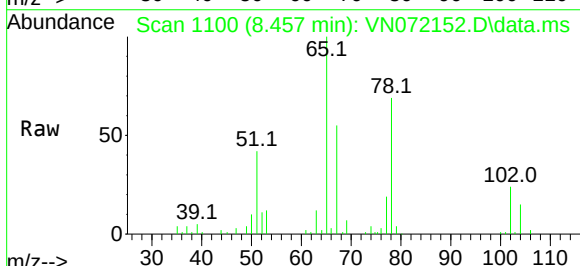
Acq: 22 Apr 2022 13:22

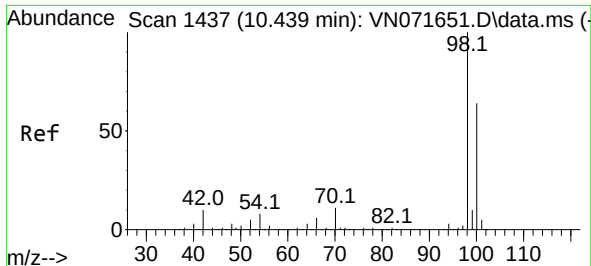
Tgt Ion: 78 Resp: 52607

Ion Ratio Lower Upper

78 100

77 26.9 19.4 29.0

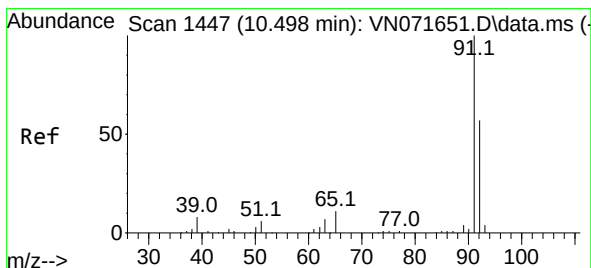
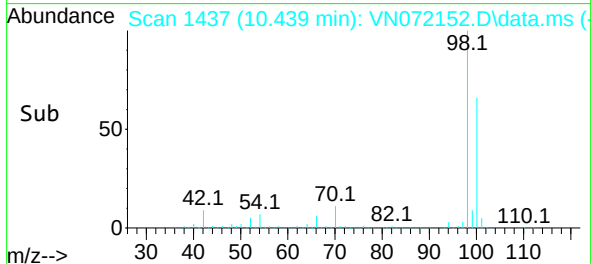
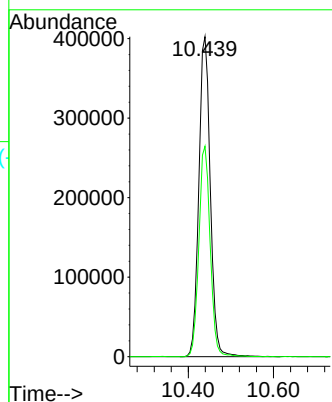
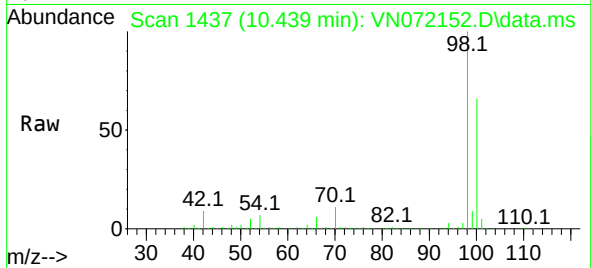




#50
Toluene-d8
Concen: 49.615 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

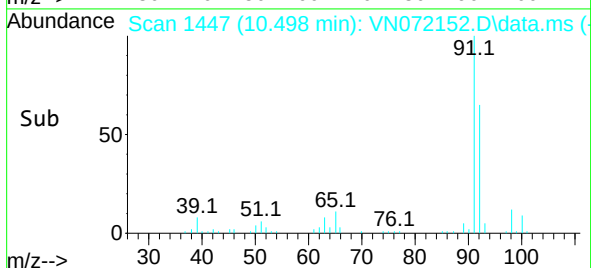
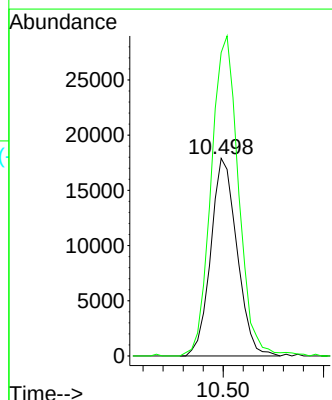
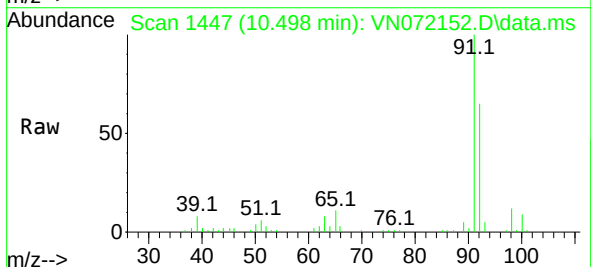
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL2

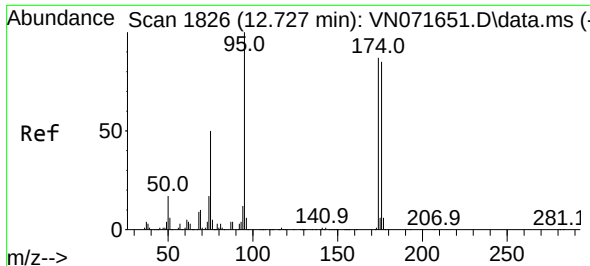
Tgt Ion: 98 Resp: 751201
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 3.151 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 92 Resp: 32526
Ion Ratio Lower Upper
92 100
91 169.1 138.6 207.8

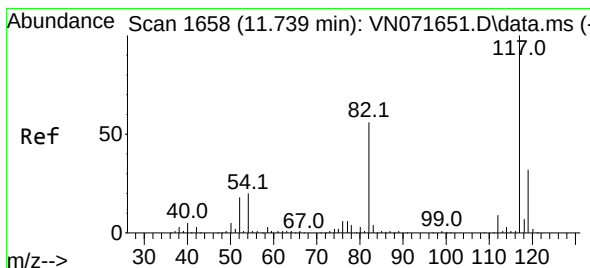
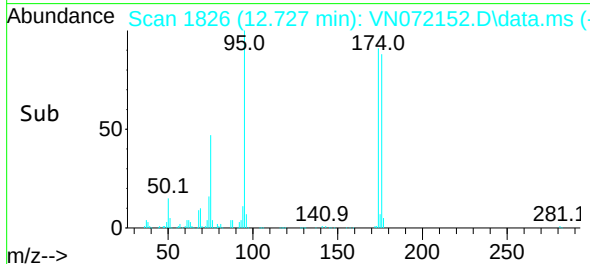
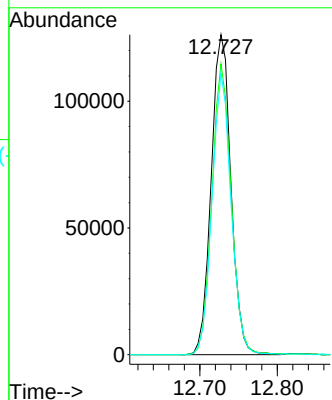
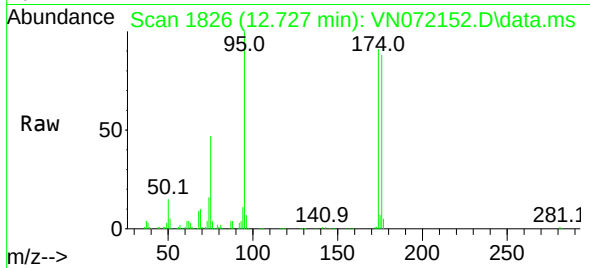




#62
4-Bromofluorobenzene
Concen: 45.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

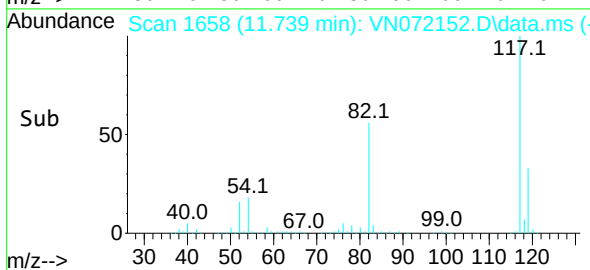
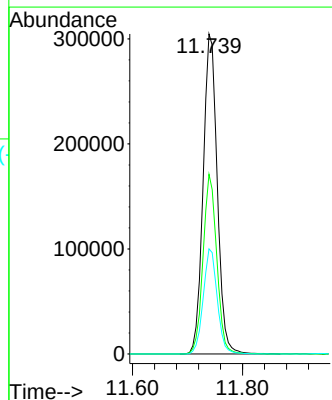
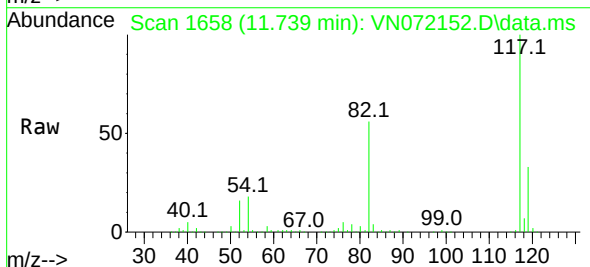
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL2

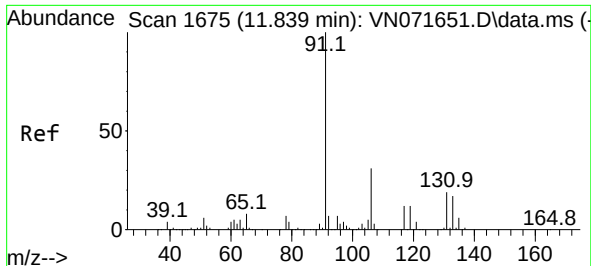
Tgt Ion: 95 Resp: 223558
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 85.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 117 Resp: 544011
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 7.185 ug/l

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

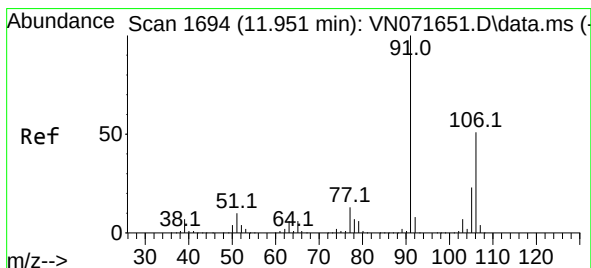
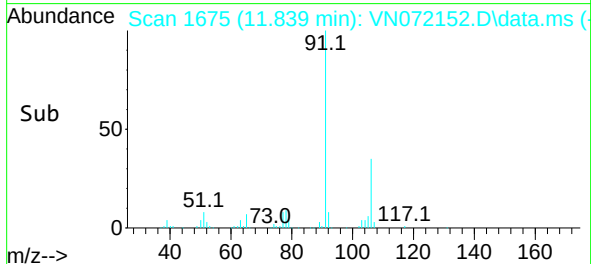
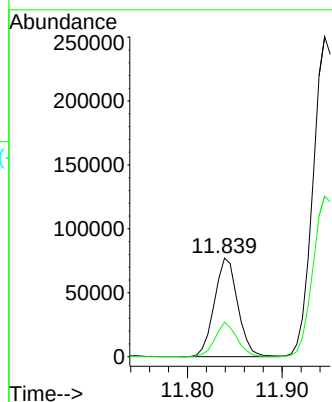
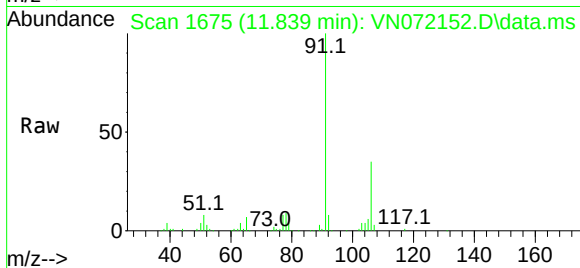
MW-14DL2

Tgt Ion: 91 Resp: 132496

Ion Ratio Lower Upper

91 100

106 34.9 24.9 37.3



#68

m/p-Xylenes

Concen: 34.540 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN072152.D

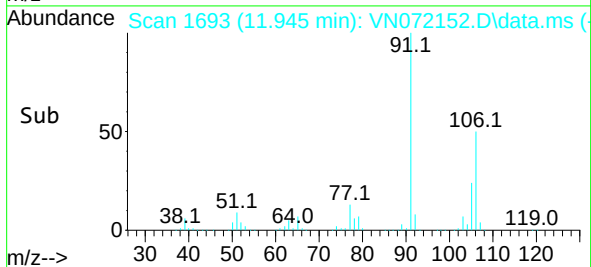
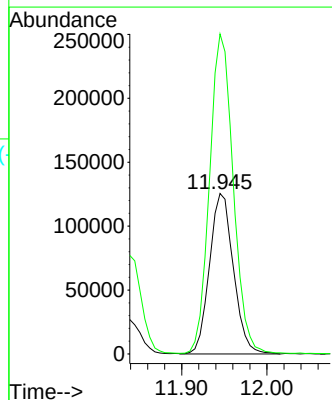
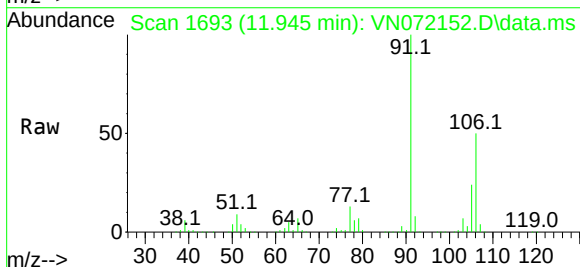
Acq: 22 Apr 2022 13:22

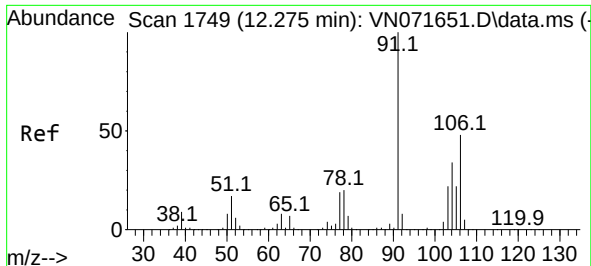
Tgt Ion: 106 Resp: 244728

Ion Ratio Lower Upper

106 100

91 196.8 158.9 238.3





#69

o-Xylene

Concen: 14.768 ug/l

RT: 12.274 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

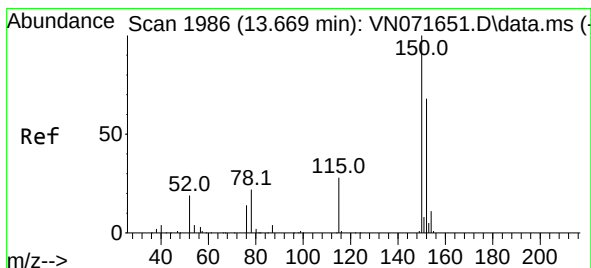
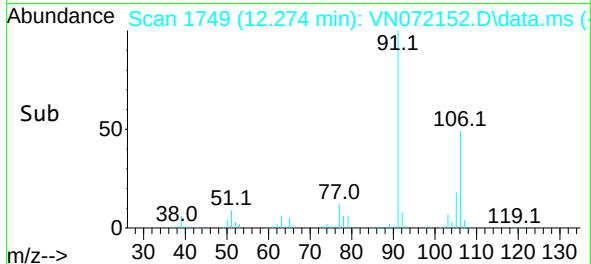
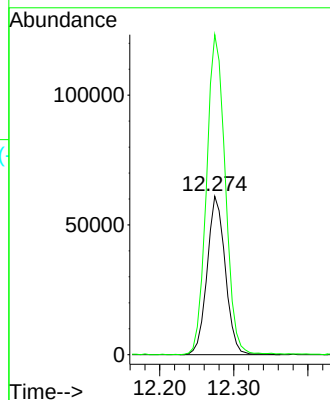
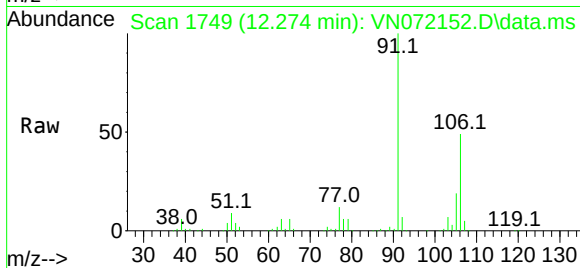
MW-14DL2

Tgt Ion:106 Resp: 103859

Ion Ratio Lower Upper

106 100

91 209.0 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

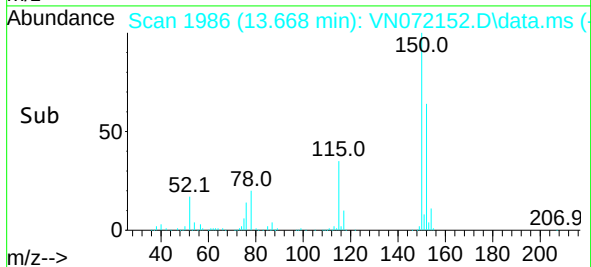
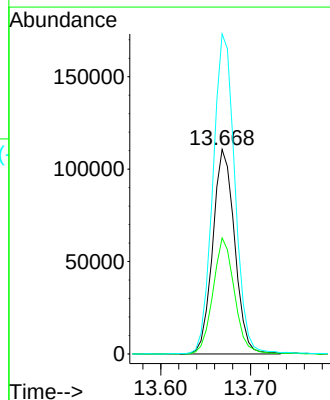
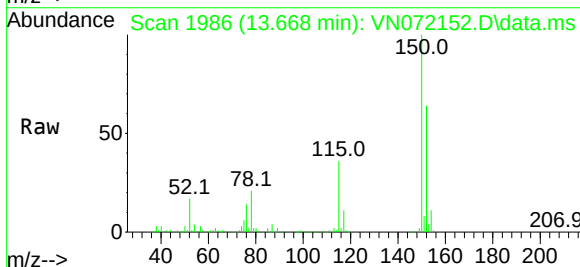
Tgt Ion:152 Resp: 187477

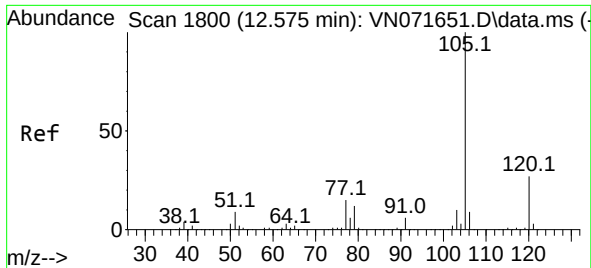
Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.7

150 157.7 0.0 356.2

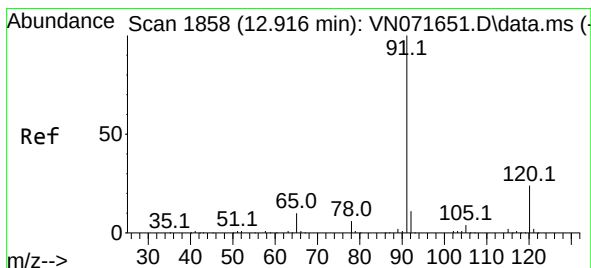
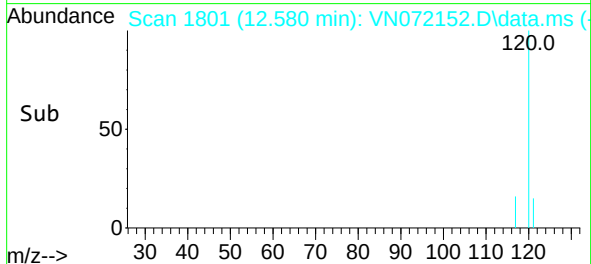
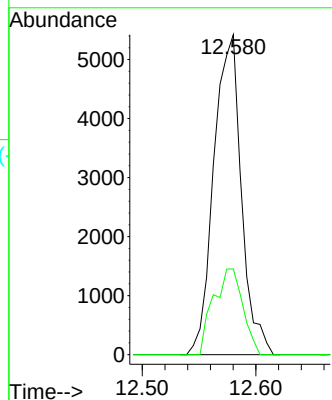
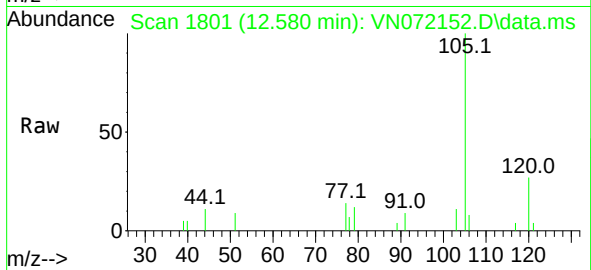




#73
Isopropylbenzene
Concen: 0.578 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.005 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

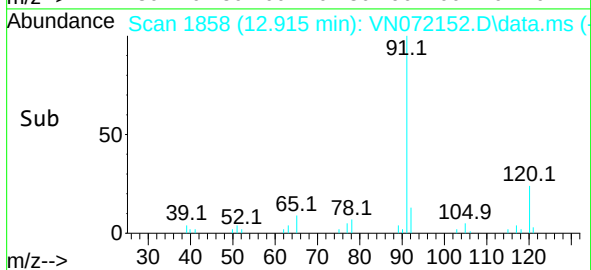
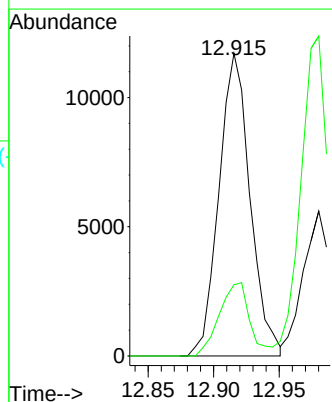
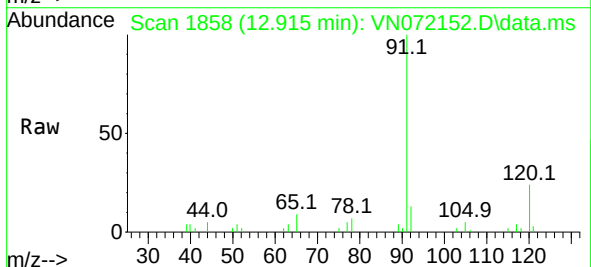
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL2

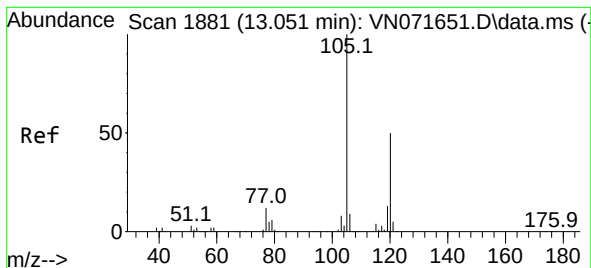
Tgt Ion:105 Resp: 9135
Ion Ratio Lower Upper
105 100
120 28.6 13.5 40.4



#78
n-propylbenzene
Concen: 1.162 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 91 Resp: 19313
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 2.349 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.000 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

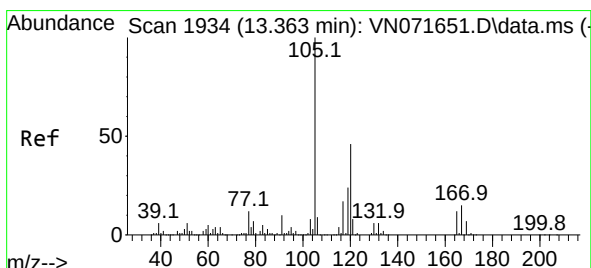
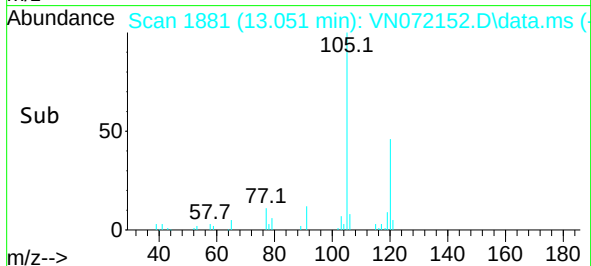
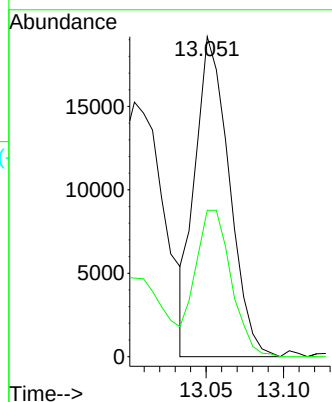
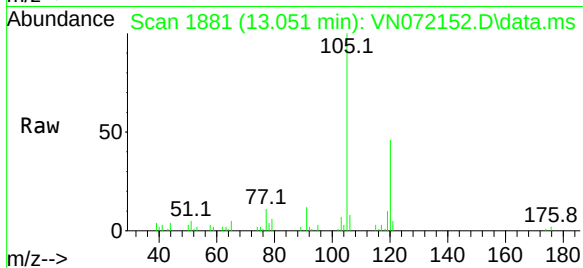
MW-14DL2

Tgt Ion:105 Resp: 29407

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 7.552 ug/l

RT: 13.362 min Scan# 1934

Delta R.T. -0.001 min

Lab File: VN072152.D

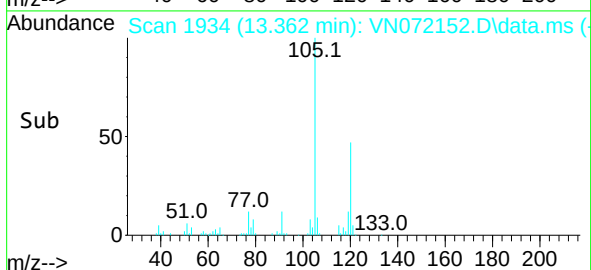
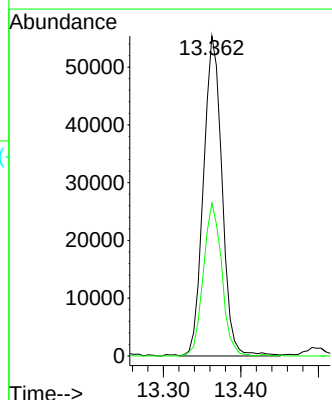
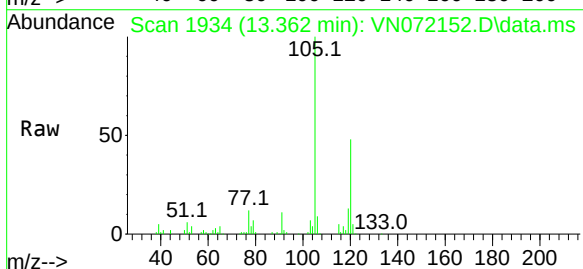
Acq: 22 Apr 2022 13:22

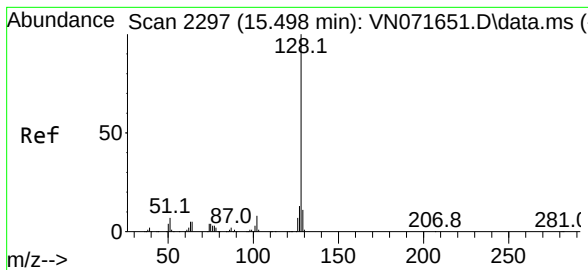
Tgt Ion:105 Resp: 92236

Ion Ratio Lower Upper

105 100

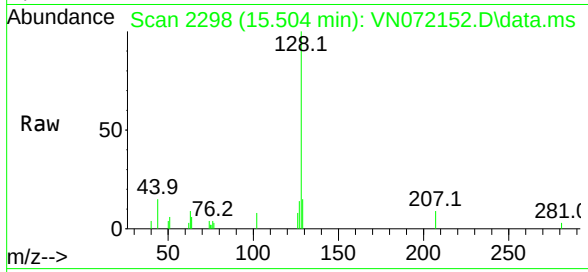
120 47.2 23.3 69.8





#95
Naphthalene
Concen: 5.682 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL2



Tgt Ion:	128	Resp:	17367
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	9.3	8.6	13.0

