

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073684.D
 Acq On : 02 Aug 2022 13:58
 Operator : JC\MD
 Sample : N3971-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Aug 03 02:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

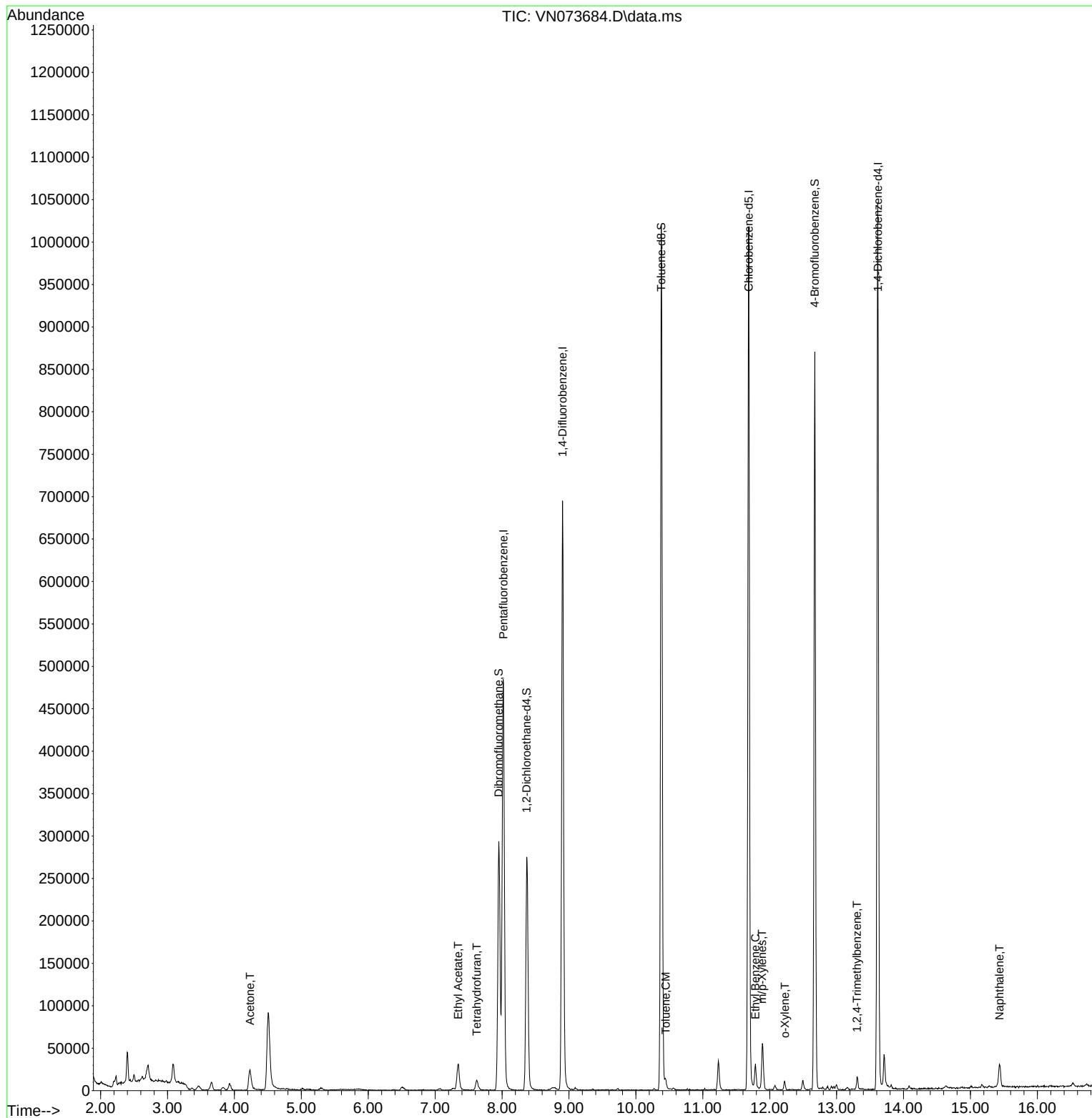
Internal Standards						
1) Pentafluorobenzene	8.022	168	396440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	633671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	597678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	293281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	230644	47.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	7.951	113	215176	54.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.160%
50) Toluene-d8	10.380	98	707868	45.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.420%
62) 4-Bromofluorobenzene	12.674	95	272289	51.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	44221	17.041	ug/l	98
29) Tetrahydrofuran	7.622	42	9201	3.611	ug/l	96
37) Ethyl Acetate	7.345	43	47445	6.353	ug/l	97
52) Toluene	10.445	92	3342	0.297	ug/l	91
67) Ethyl Benzene	11.786	91	18827	0.879	ug/l	92
68) m/p-Xylenes	11.886	106	17854	2.186	ug/l	94
69) o-Xylene	12.227	106	2732	0.343	ug/l	93
84) 1,2,4-Trimethylbenzene	13.304	105	8833	0.508	ug/l	93
95) Naphthalene	15.433	128	31640	1.899	ug/l	98

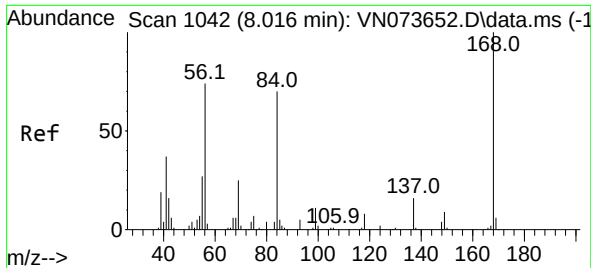
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
Data File : VN073684.D
Acq On : 02 Aug 2022 13:58
Operator : JC\MD
Sample : N3971-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Quant Time: Aug 03 02:05:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

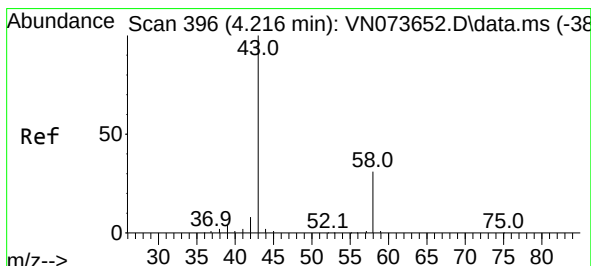
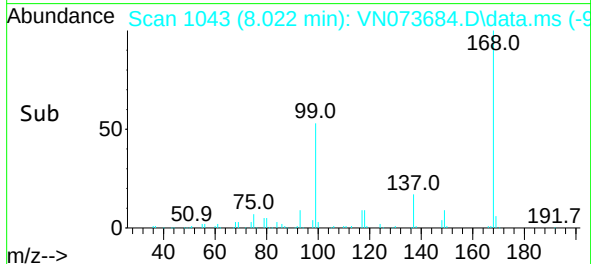
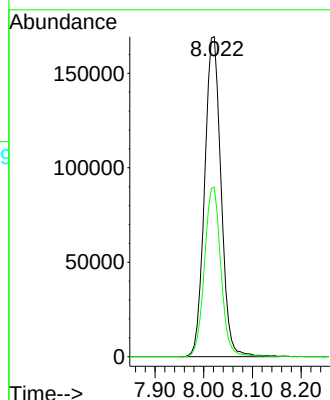
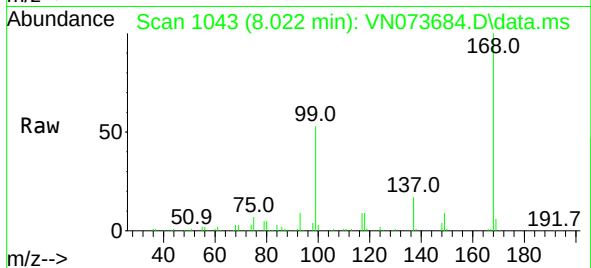




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

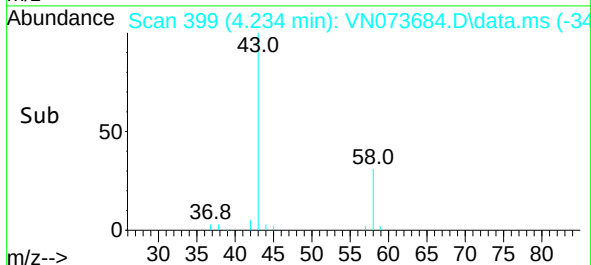
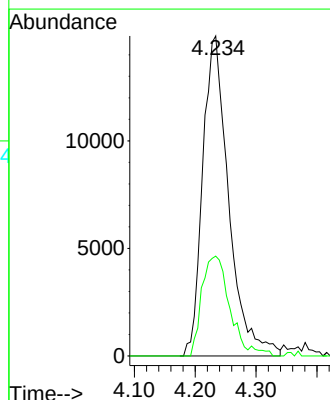
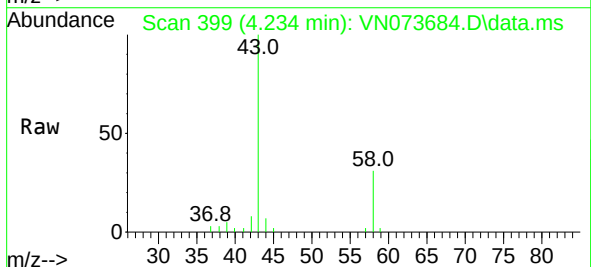
Instrument :
MSVOA_N
ClientSampleId :
MW-12

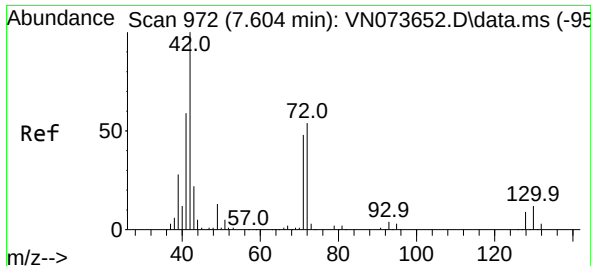
Tgt Ion:168 Resp: 396440
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#16
Acetone
Concen: 17.041 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

Tgt Ion: 43 Resp: 44221
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#29

Tetrahydrofuran

Concen: 3.611 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073684.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

MW-12

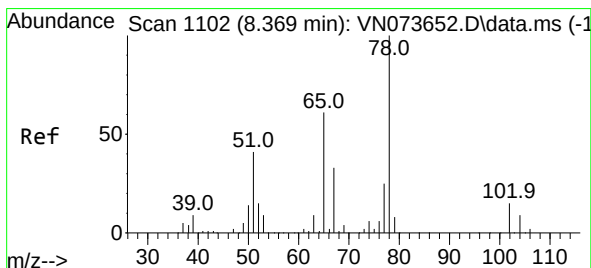
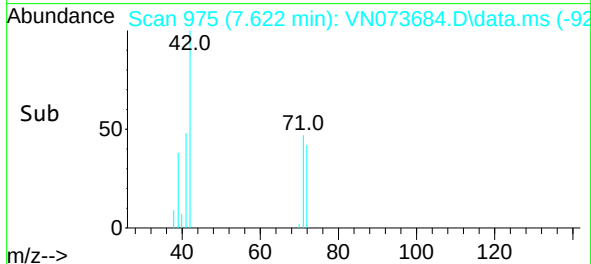
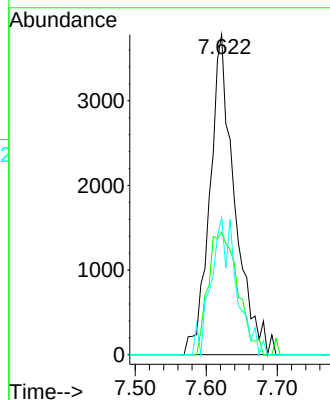
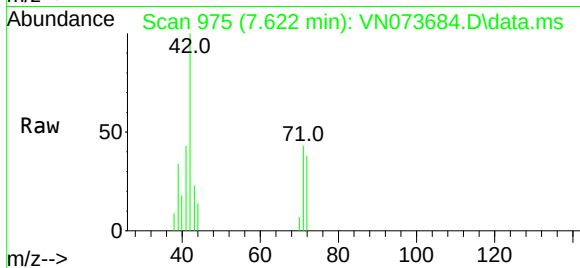
Tgt Ion: 42 Resp: 9201

Ion Ratio Lower Upper

42 100

72 45.6 39.7 59.5

71 44.1 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 47.740 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073684.D

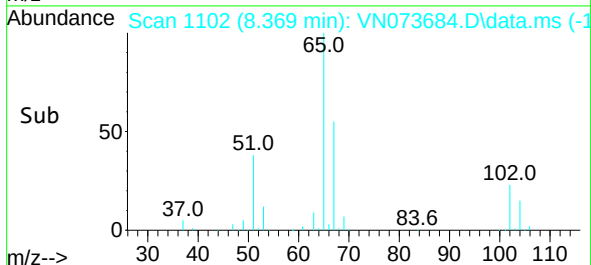
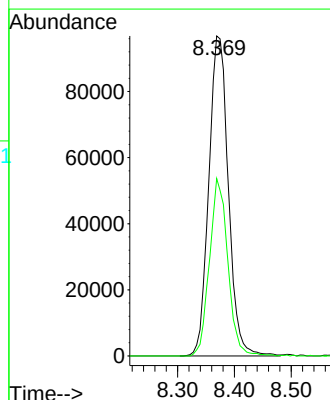
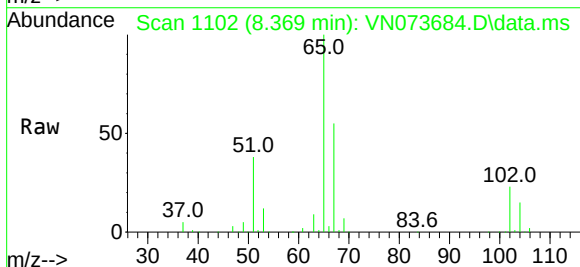
Acq: 02 Aug 2022 13:58

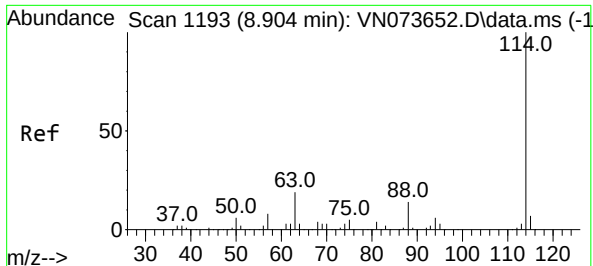
Tgt Ion: 65 Resp: 230644

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073684.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

MW-12

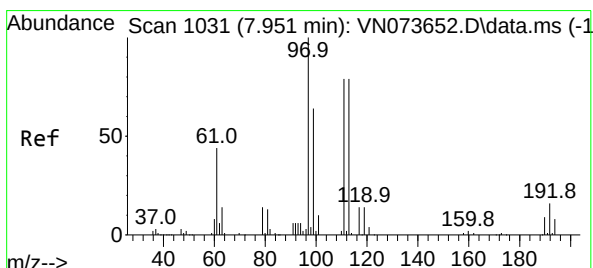
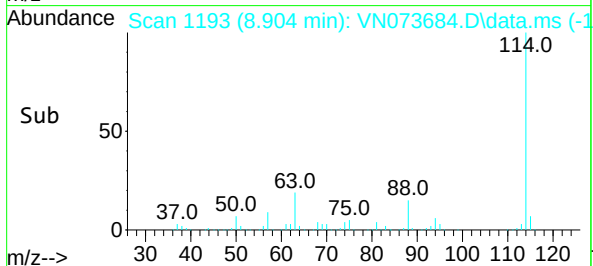
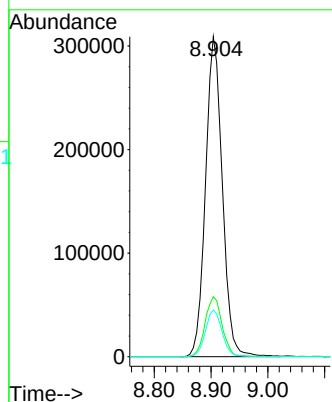
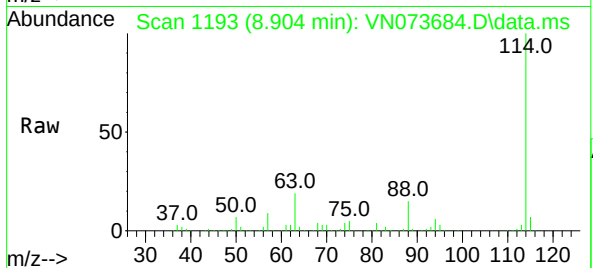
Tgt Ion:114 Resp: 633671

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.077 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073684.D

Acq: 02 Aug 2022 13:58

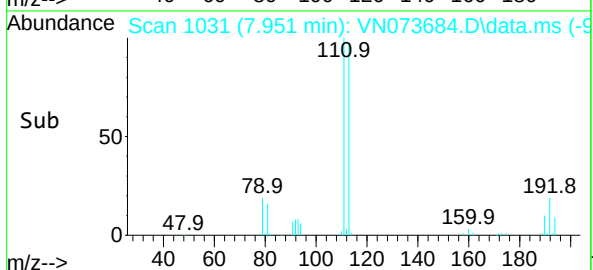
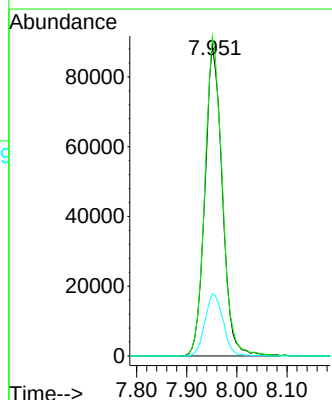
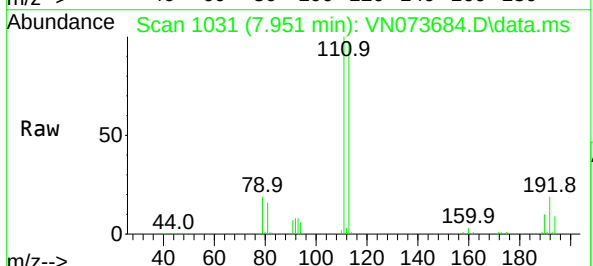
Tgt Ion:113 Resp: 215176

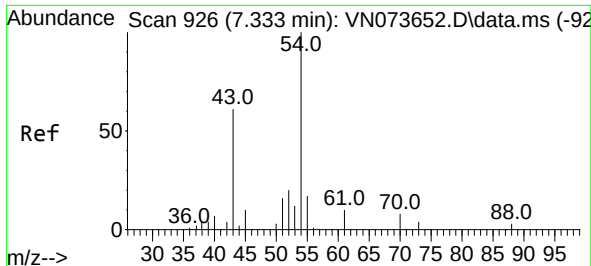
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 20.7 17.0 25.6





#37

Ethyl Acetate

Concen: 6.353 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073684.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

MW-12

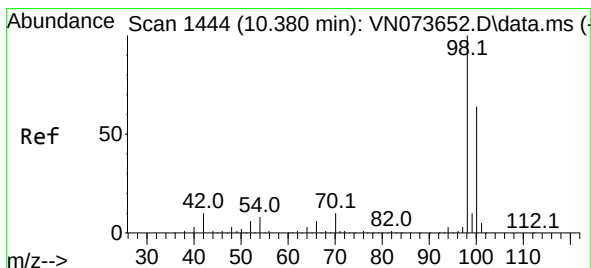
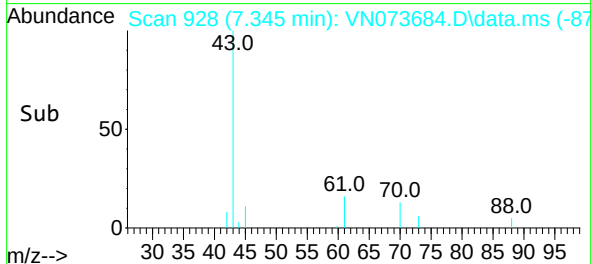
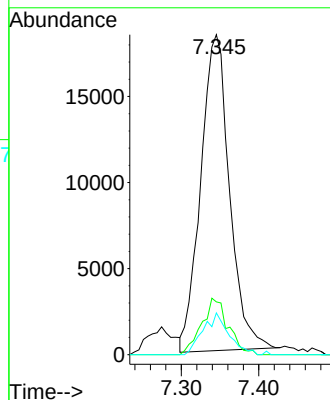
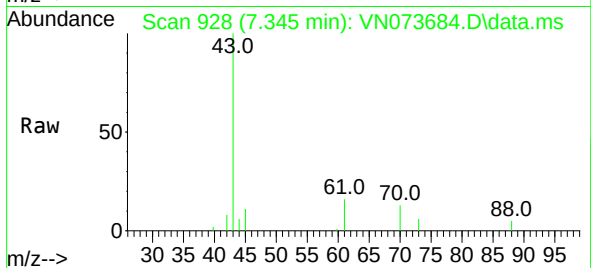
Tgt Ion: 43 Resp: 47445

Ion Ratio Lower Upper

43 100

61 16.4 11.8 17.6

70 11.9 9.3 13.9



#50

Toluene-d8

Concen: 45.208 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073684.D

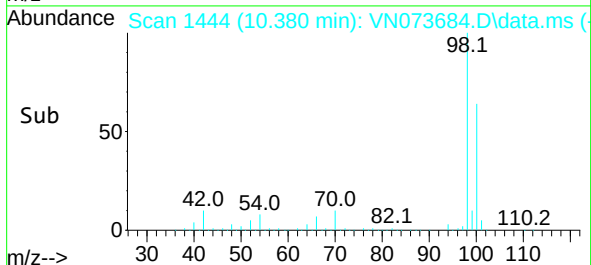
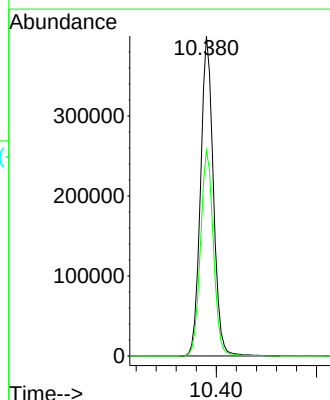
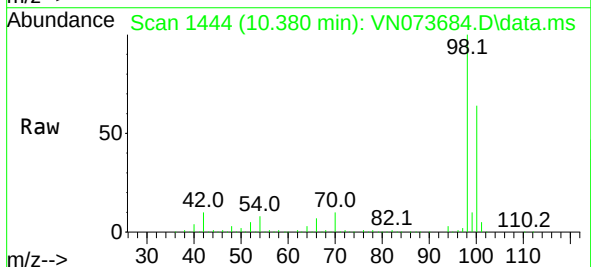
Acq: 02 Aug 2022 13:58

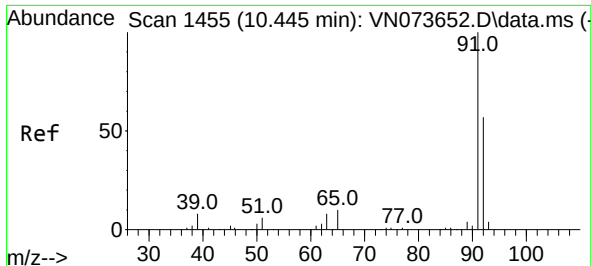
Tgt Ion: 98 Resp: 707868

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

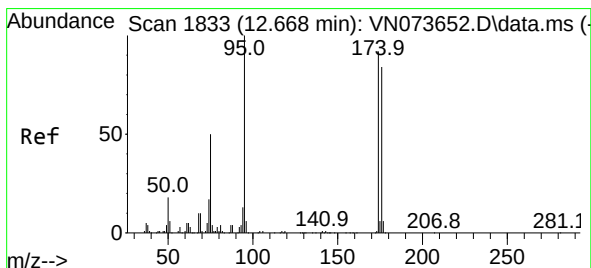
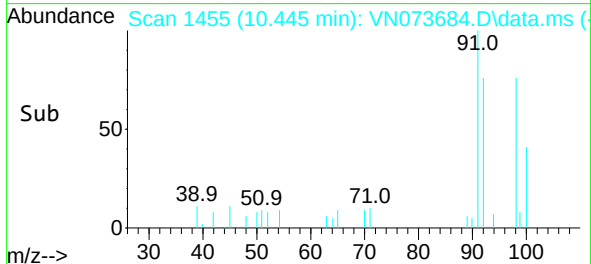
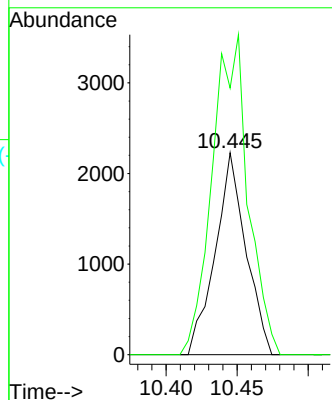
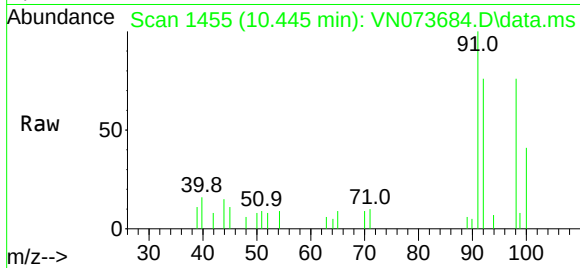




#52
Toluene
Concen: 0.297 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

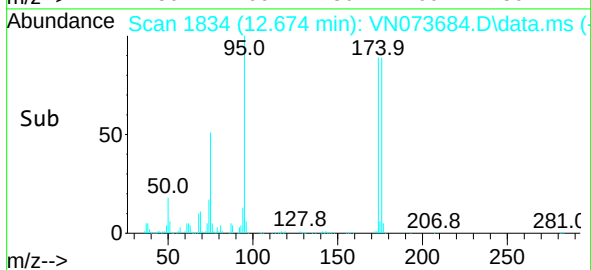
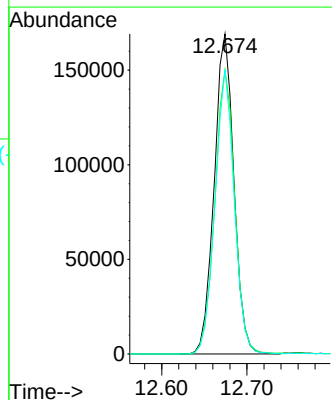
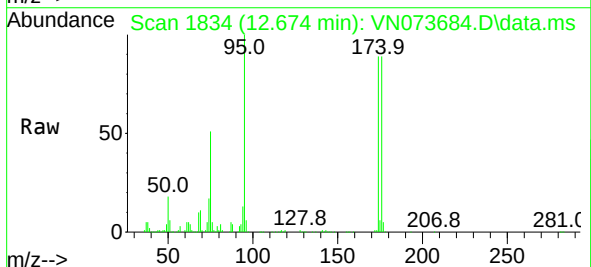
Instrument :
MSVOA_N
ClientSampleId :
MW-12

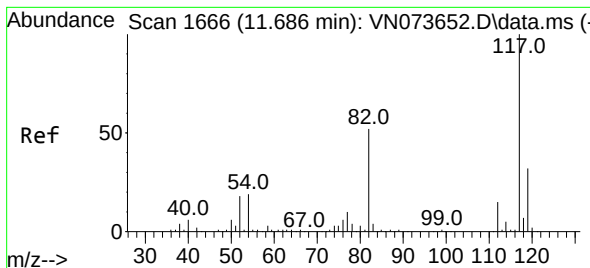
Tgt Ion: 92 Resp: 3342
Ion Ratio Lower Upper
92 100
91 185.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 51.708 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

Tgt Ion: 95 Resp: 272289
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VN073684.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

MW-12

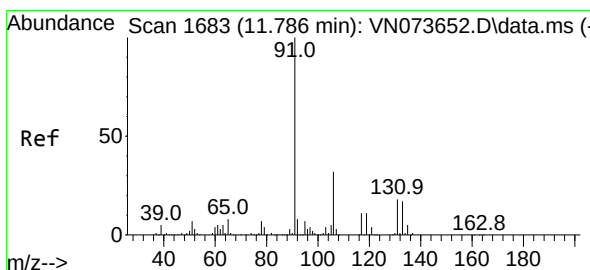
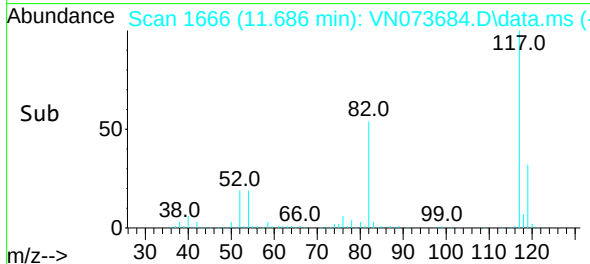
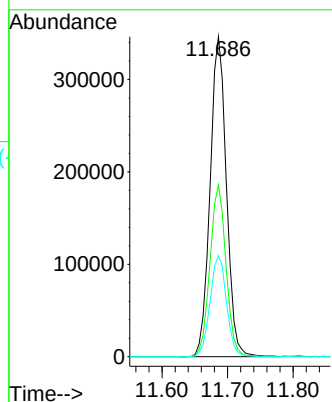
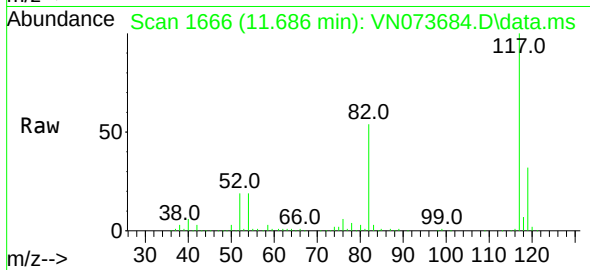
Tgt Ion:117 Resp: 597678

Ion Ratio Lower Upper

117 100

82 53.7 44.2 66.2

119 31.6 25.4 38.0



#67

Ethyl Benzene

Concen: 0.879 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VN073684.D

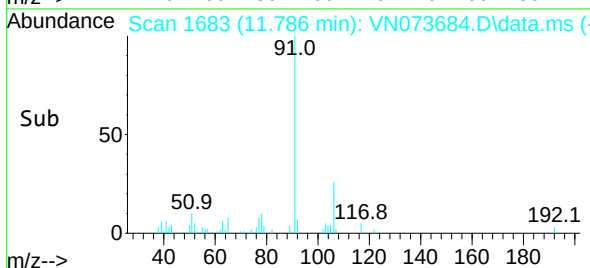
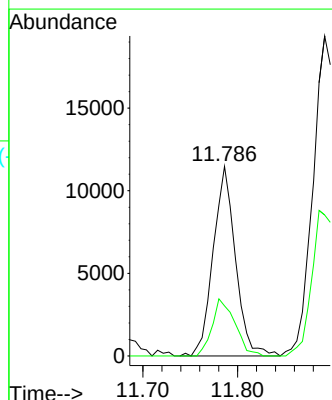
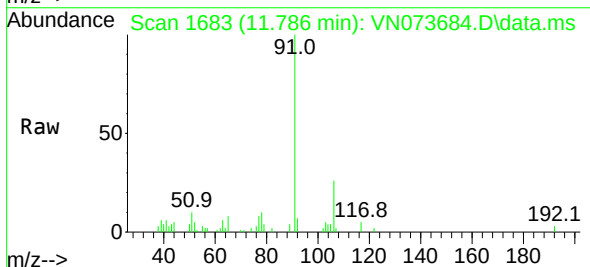
Acq: 02 Aug 2022 13:58

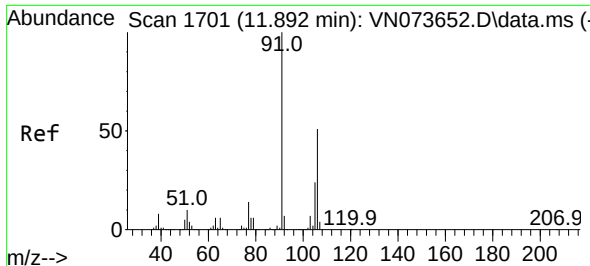
Tgt Ion: 91 Resp: 18827

Ion Ratio Lower Upper

91 100

106 26.4 24.9 37.3

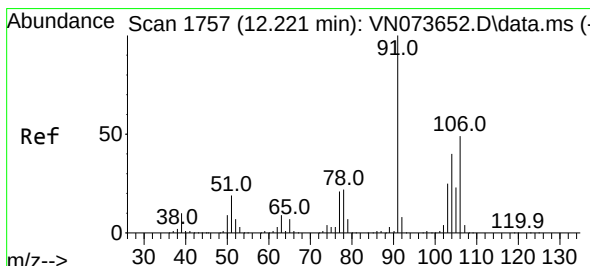
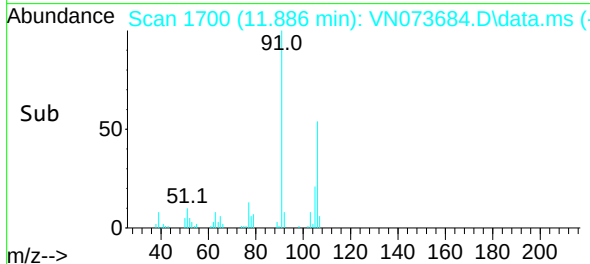
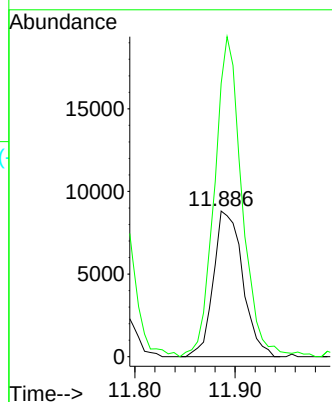
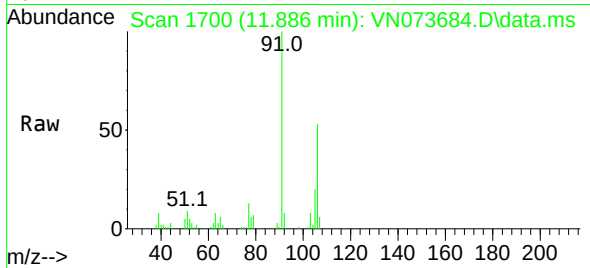




#68
m/p-Xylenes
Concen: 2.186 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

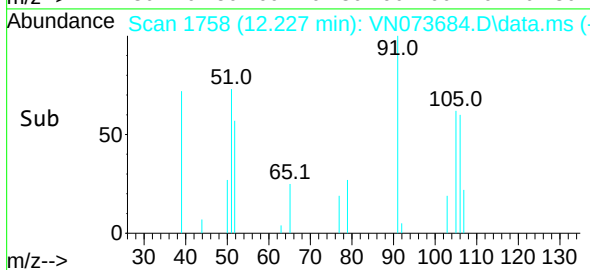
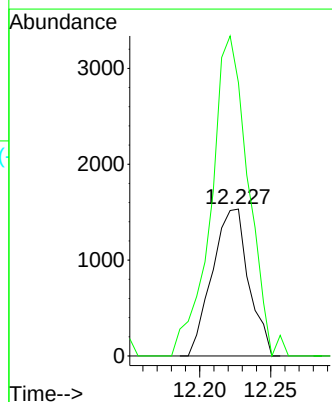
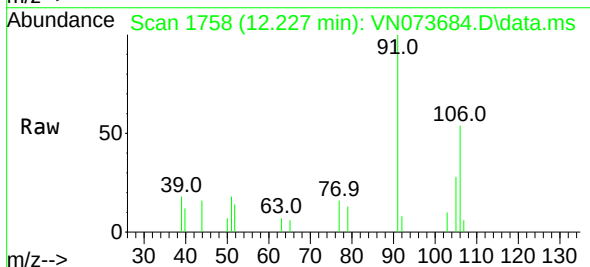
Instrument :
MSVOA_N
ClientSampleId :
MW-12

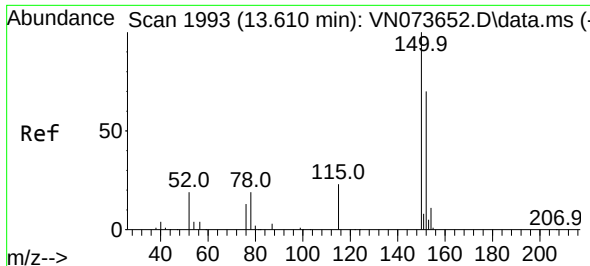
Tgt Ion:106 Resp: 17854
Ion Ratio Lower Upper
106 100
91 207.4 158.9 238.3



#69
o-Xylene
Concen: 0.343 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN073684.D
Acq: 02 Aug 2022 13:58

Tgt Ion:106 Resp: 2732
Ion Ratio Lower Upper
106 100
91 223.1 106.0 318.0

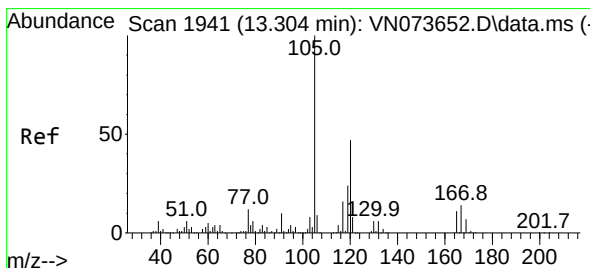
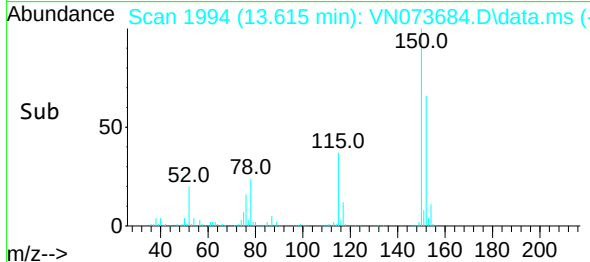
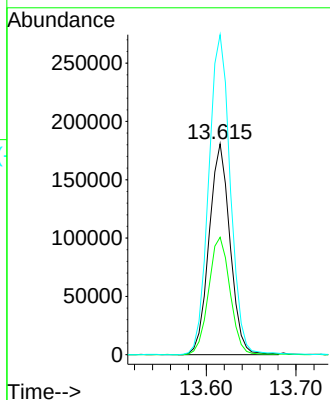
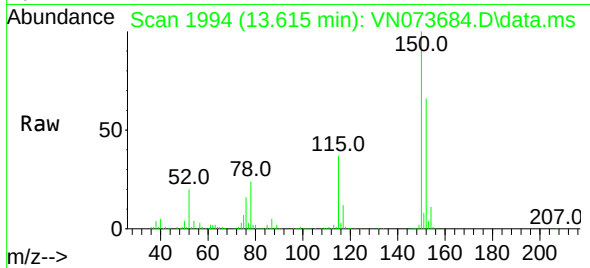




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073684.D
 Acq: 02 Aug 2022 13:58

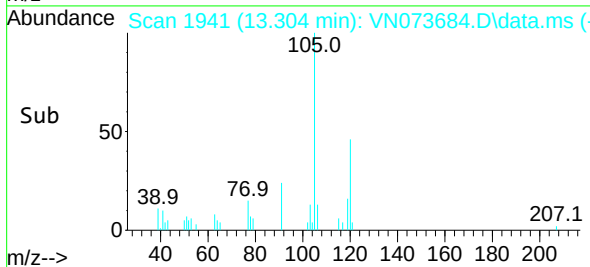
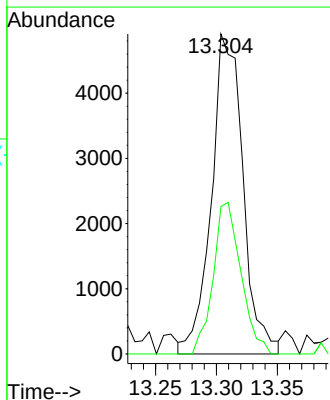
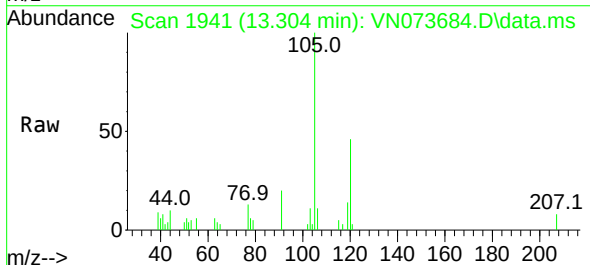
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

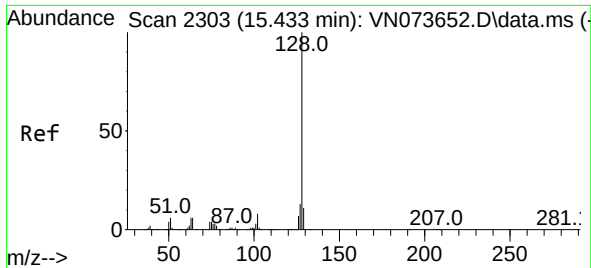
Tgt Ion:152 Resp: 293281
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.9 86.7
 150 156.7 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.508 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN073684.D
 Acq: 02 Aug 2022 13:58

Tgt Ion:105 Resp: 8833
 Ion Ratio Lower Upper
 105 100
 120 41.8 23.3 69.8





#95
 Naphthalene
 Concen: 1.899 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN073684.D
 Acq: 02 Aug 2022 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Tgt Ion:	128	Resp:	31640
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	9.8	8.6	13.0

