

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073236.D
 Acq On : 29 Jun 2022 12:09
 Operator : JC\MD
 Sample : N3409-09DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Jun 30 06:59:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

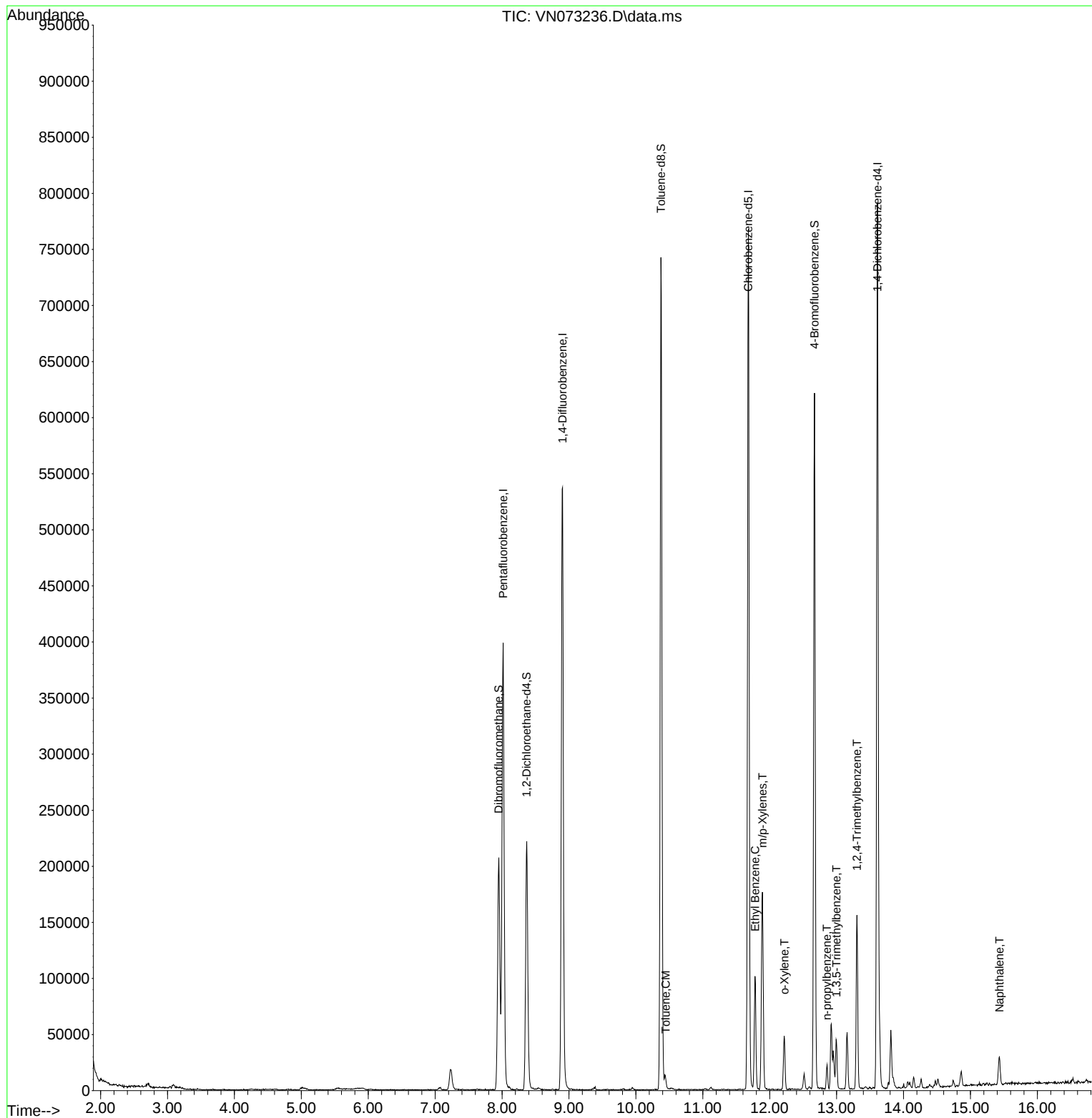
Internal Standards						
1) Pentafluorobenzene	8.016	168	289786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	481118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	438369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186641	44.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.220%
35) Dibromofluoromethane	7.951	113	155039	48.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	10.375	98	502784	44.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.669	95	214891	49.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
					Qvalue	
52) Toluene	10.445	92	4314	0.459	ug/l	89
67) Ethyl Benzene	11.780	91	71591	3.977	ug/l	99
68) m/p-Xylenes	11.892	106	57309	8.437	ug/l	94
69) o-Xylene	12.221	106	12980	1.872	ug/l	99
78) n-propylbenzene	12.857	91	16568	0.845	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	21939	1.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	87819	6.117	ug/l	99
95) Naphthalene	15.433	128	22777	1.447	ug/l	99

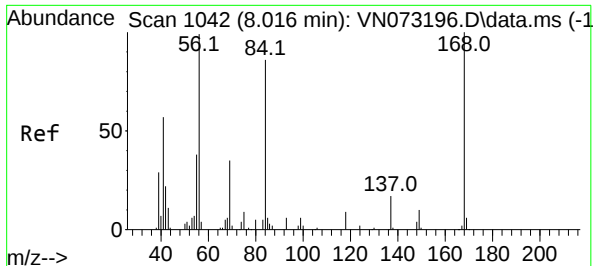
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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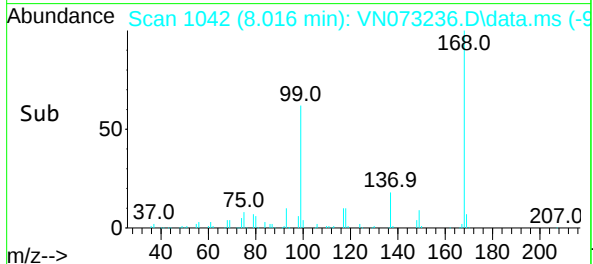
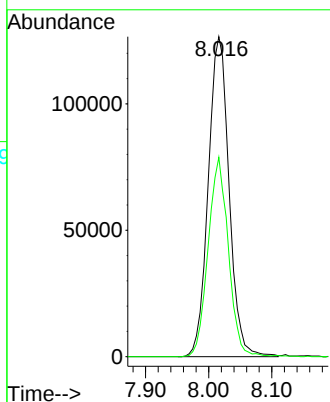
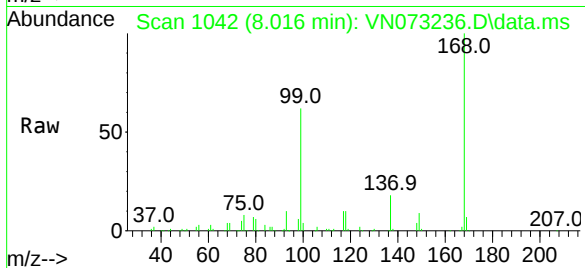




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

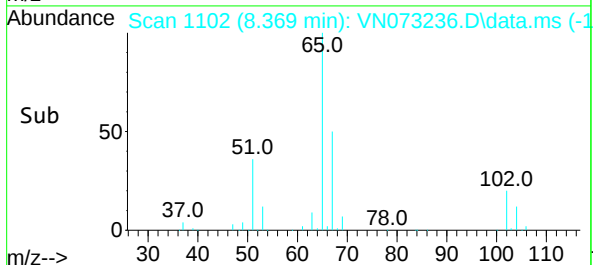
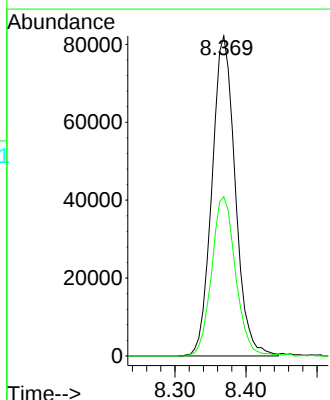
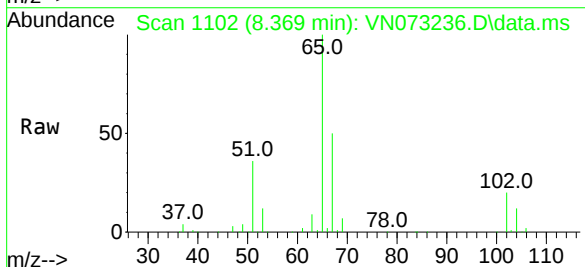
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tgt Ion:168 Resp: 289786
Ion Ratio Lower Upper
168 100
99 62.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.615 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

Tgt Ion: 65 Resp: 186641
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

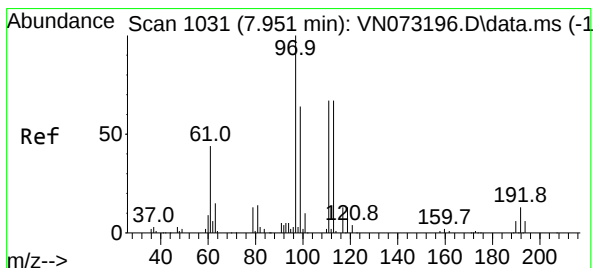
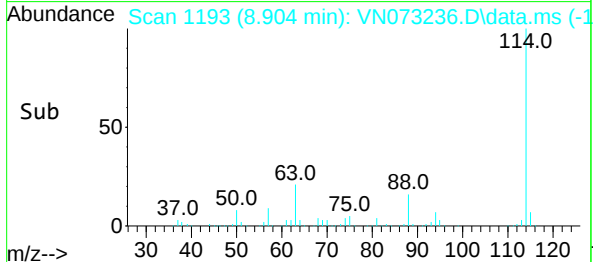
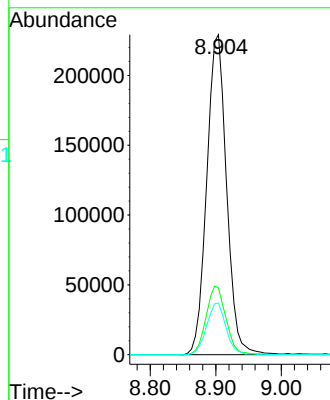
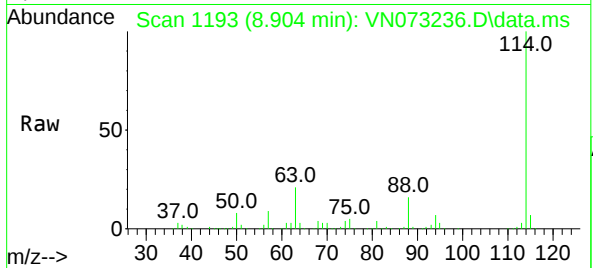
Tgt Ion:114 Resp: 481118

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.435 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

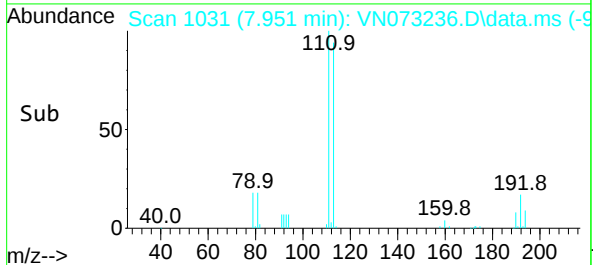
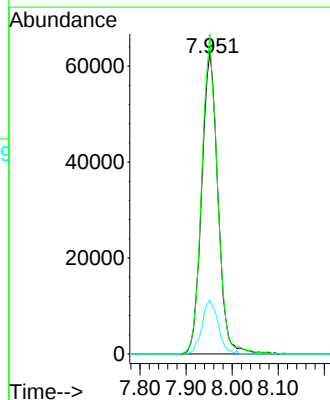
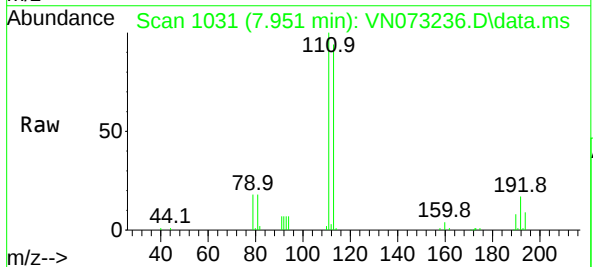
Tgt Ion:113 Resp: 155039

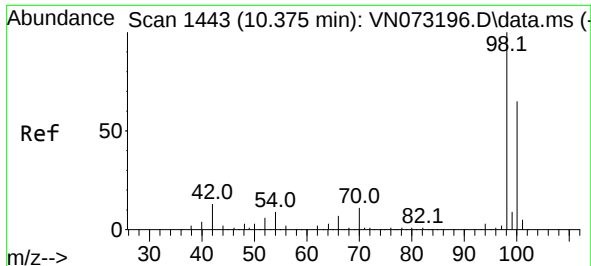
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 17.8 17.0 25.6

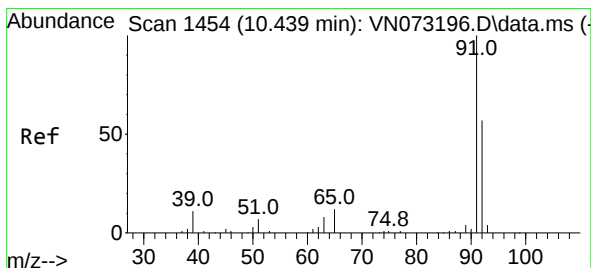
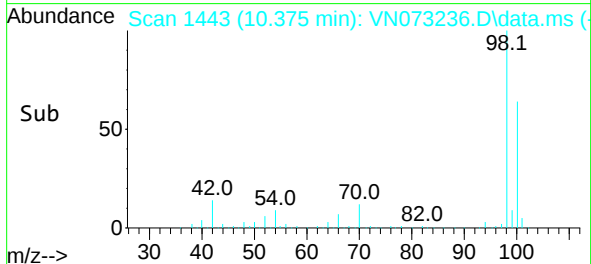
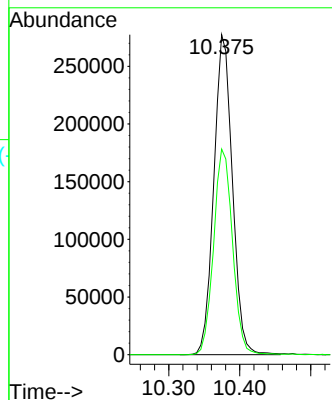
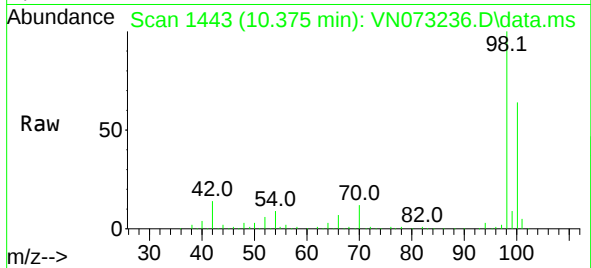




#50
Toluene-d8
Concen: 44.225 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

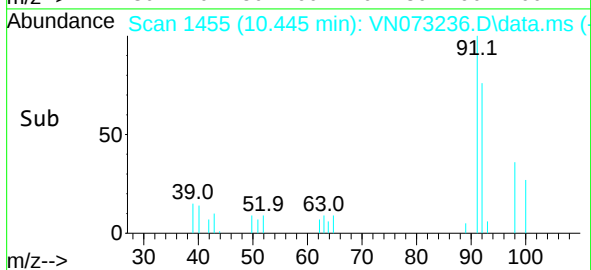
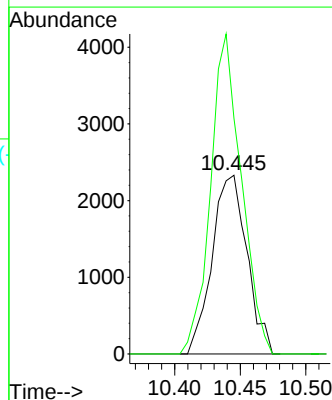
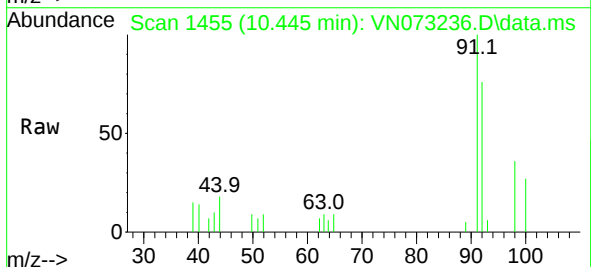
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

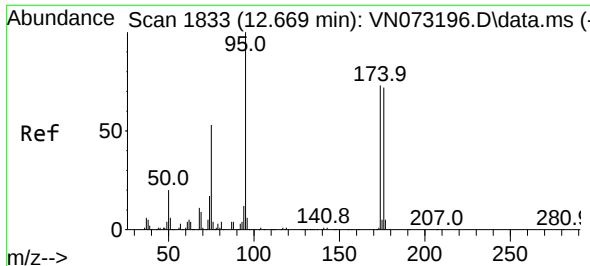
Tgt Ion: 98 Resp: 502784
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#52
Toluene
Concen: 0.459 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

Tgt Ion: 92 Resp: 4314
Ion Ratio Lower Upper
92 100
91 158.3 138.6 207.8

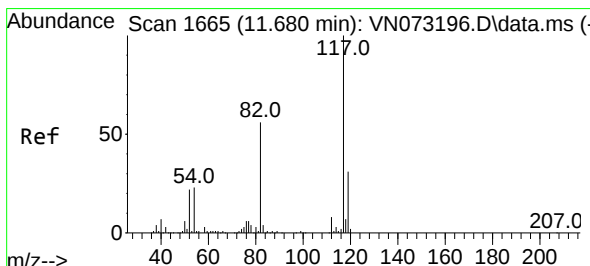
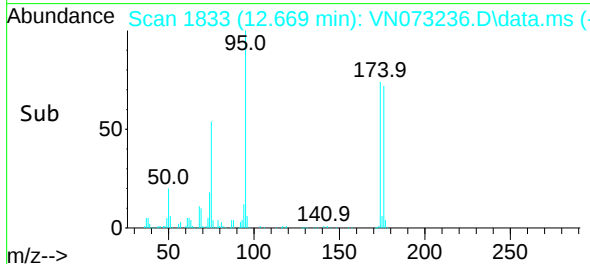
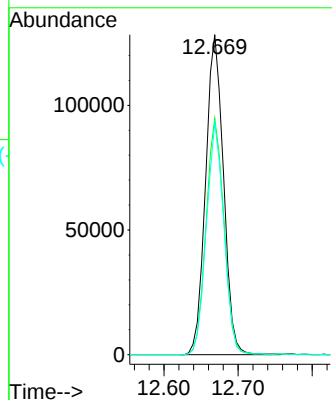
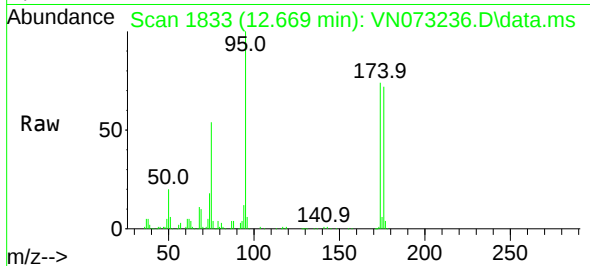




#62
4-Bromofluorobenzene
Concen: 49.186 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

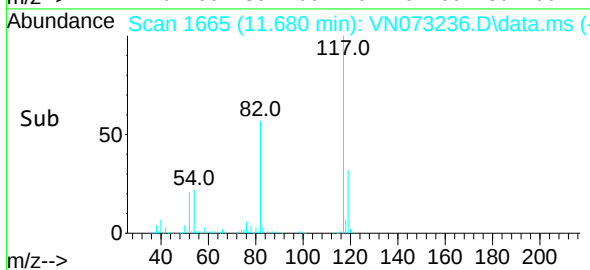
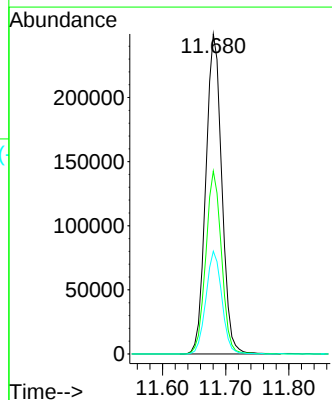
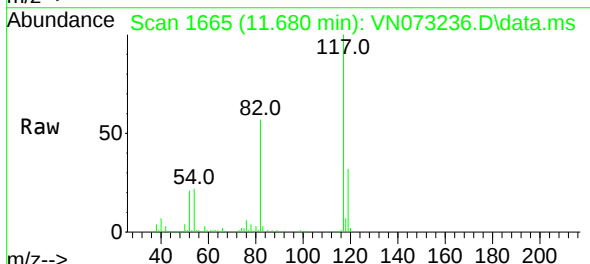
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

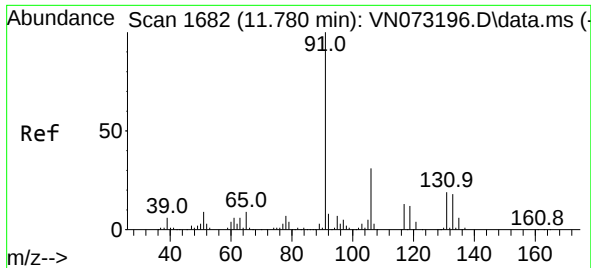
Tgt Ion: 95 Resp: 214891
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 71.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

Tgt Ion: 117 Resp: 438369
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.1 25.4 38.0





#67

Ethyl Benzene

Concen: 3.977 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

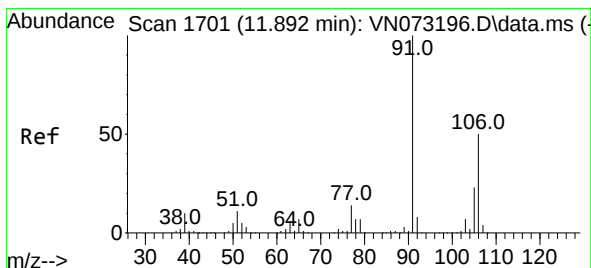
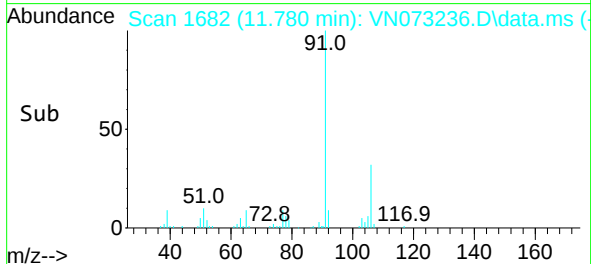
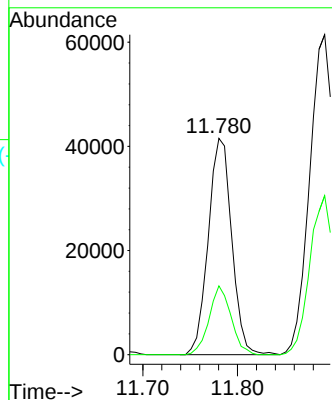
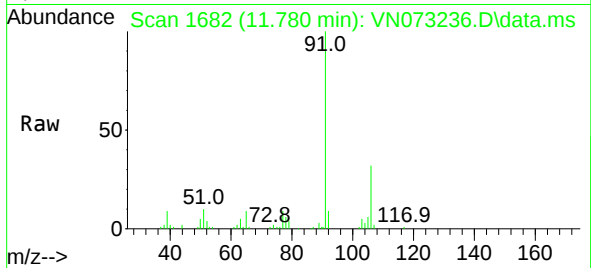
MW-4DL

Tgt Ion: 91 Resp: 71591

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 8.437 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073236.D

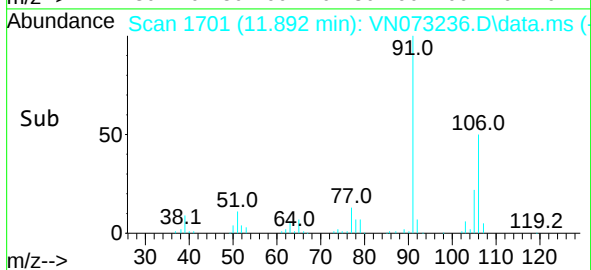
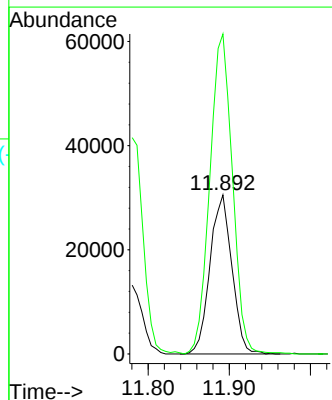
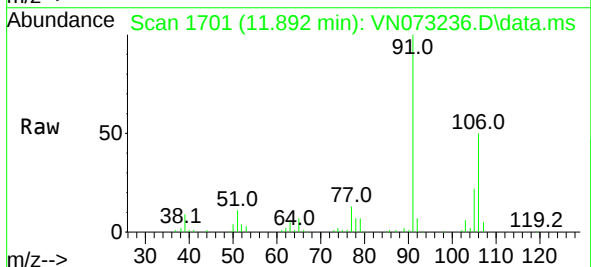
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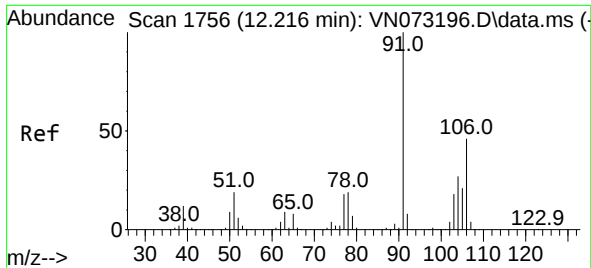
Tgt Ion: 106 Resp: 57309

Ion Ratio Lower Upper

106 100

91 207.6 158.9 238.3

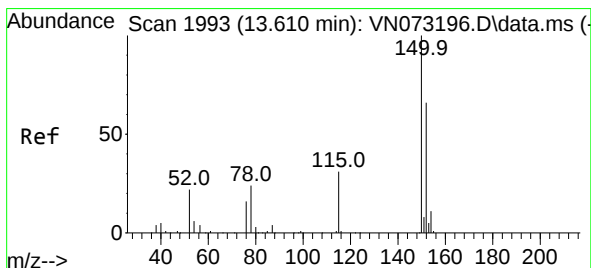
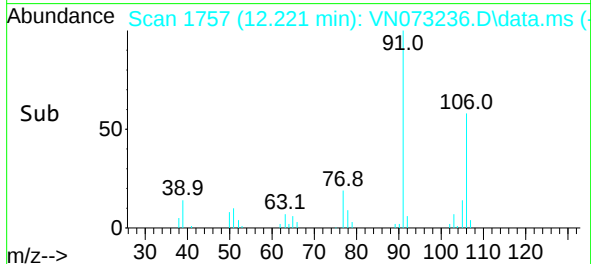
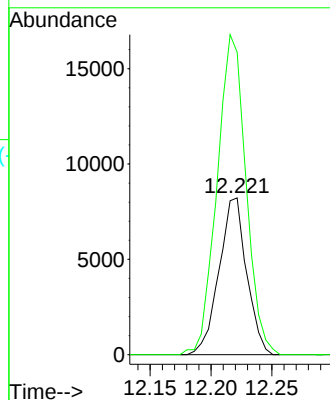
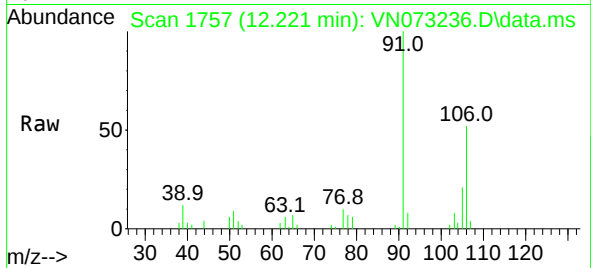




#69
o-Xylene
Concen: 1.872 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

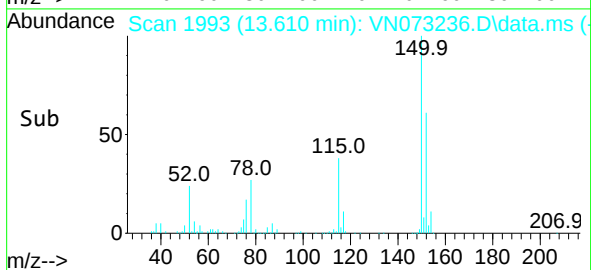
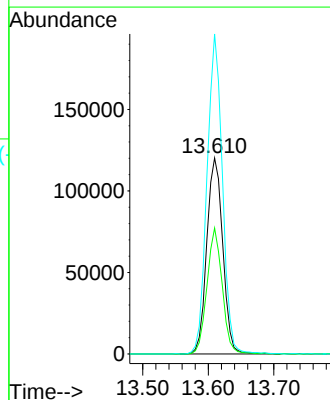
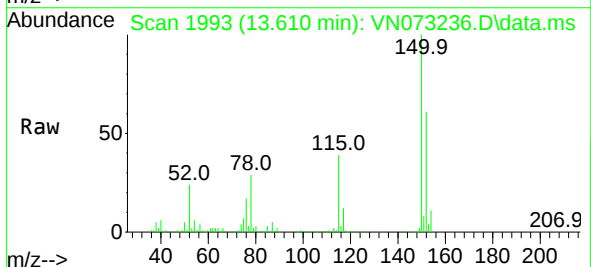
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

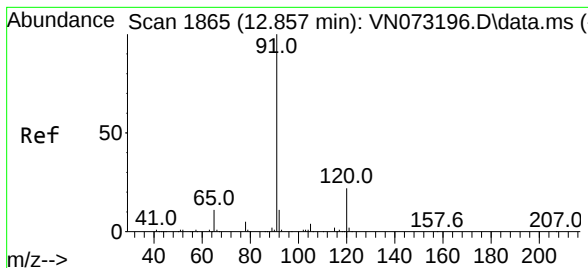
Tgt Ion:106 Resp: 12980
Ion Ratio Lower Upper
106 100
91 213.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073236.D
Acq: 29 Jun 2022 12:09

Tgt Ion:152 Resp: 204298
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 157.2 0.0 356.2





#78

n-propylbenzene

Concen: 0.845 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

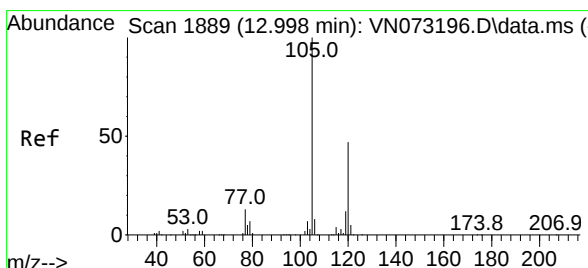
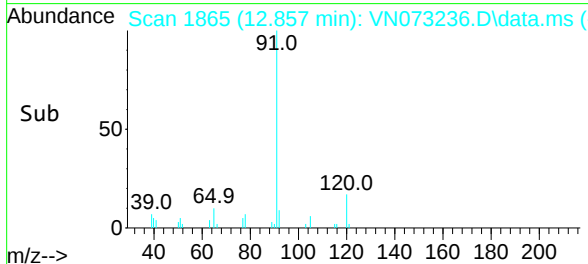
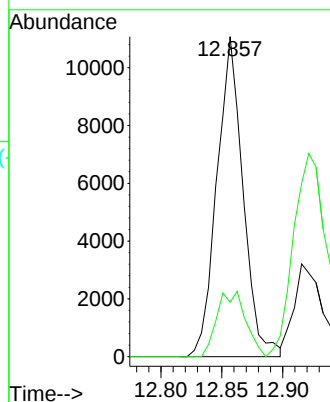
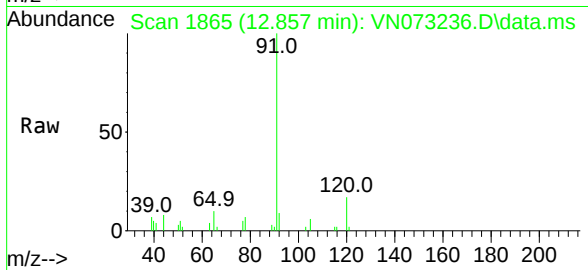
MW-4DL

Tgt Ion: 91 Resp: 16568

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.526 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073236.D

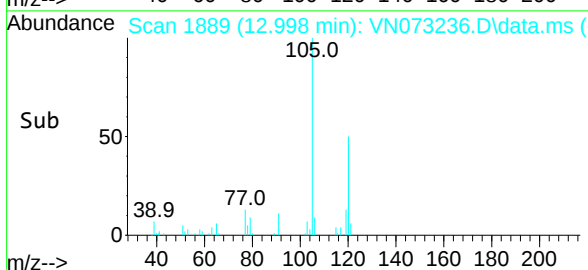
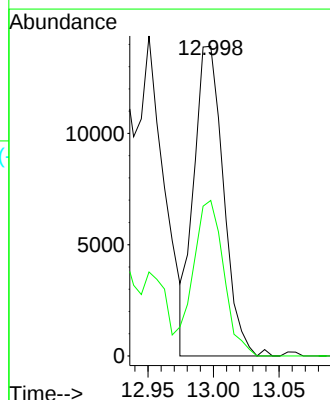
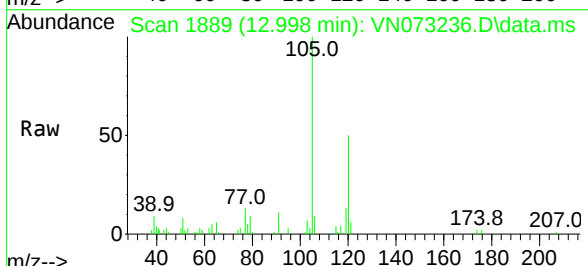
Acq: 29 Jun 2022 12:09

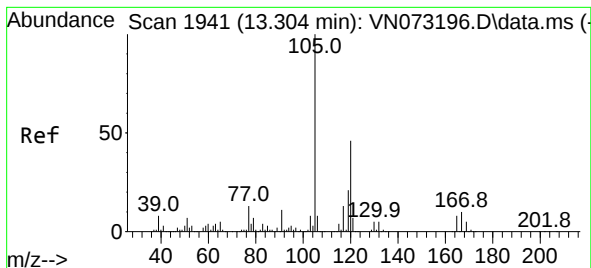
Tgt Ion:105 Resp: 21939

Ion Ratio Lower Upper

105 100

120 52.4 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 6.117 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

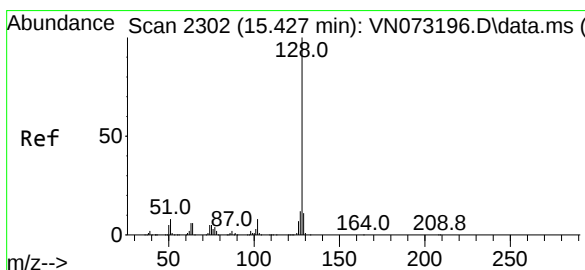
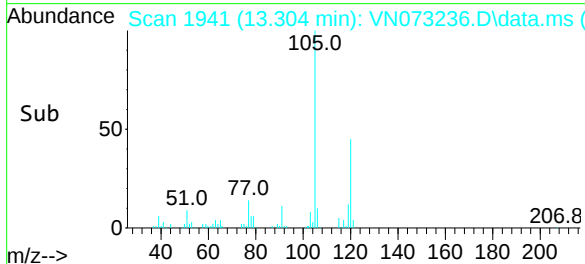
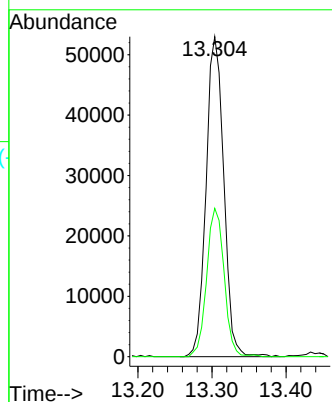
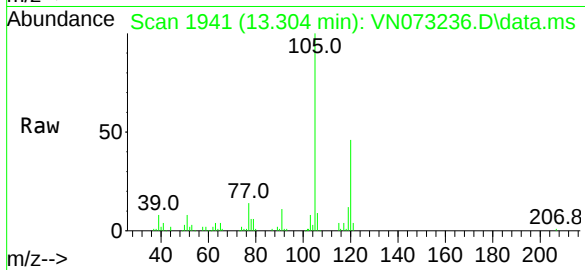
MW-4DL

Tgt Ion:105 Resp: 87819

Ion Ratio Lower Upper

105 100

120 45.8 23.3 69.8



#95

Naphthalene

Concen: 1.447 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073236.D

Acq: 29 Jun 2022 12:09

Tgt Ion:128 Resp: 22777

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.6 8.6 13.0

