

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076328.D
 Acq On : 19 Jan 2023 17:19
 Operator : JC\MD
 Sample : 01221-04DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-0118DL

Quant Time: Jan 20 00:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

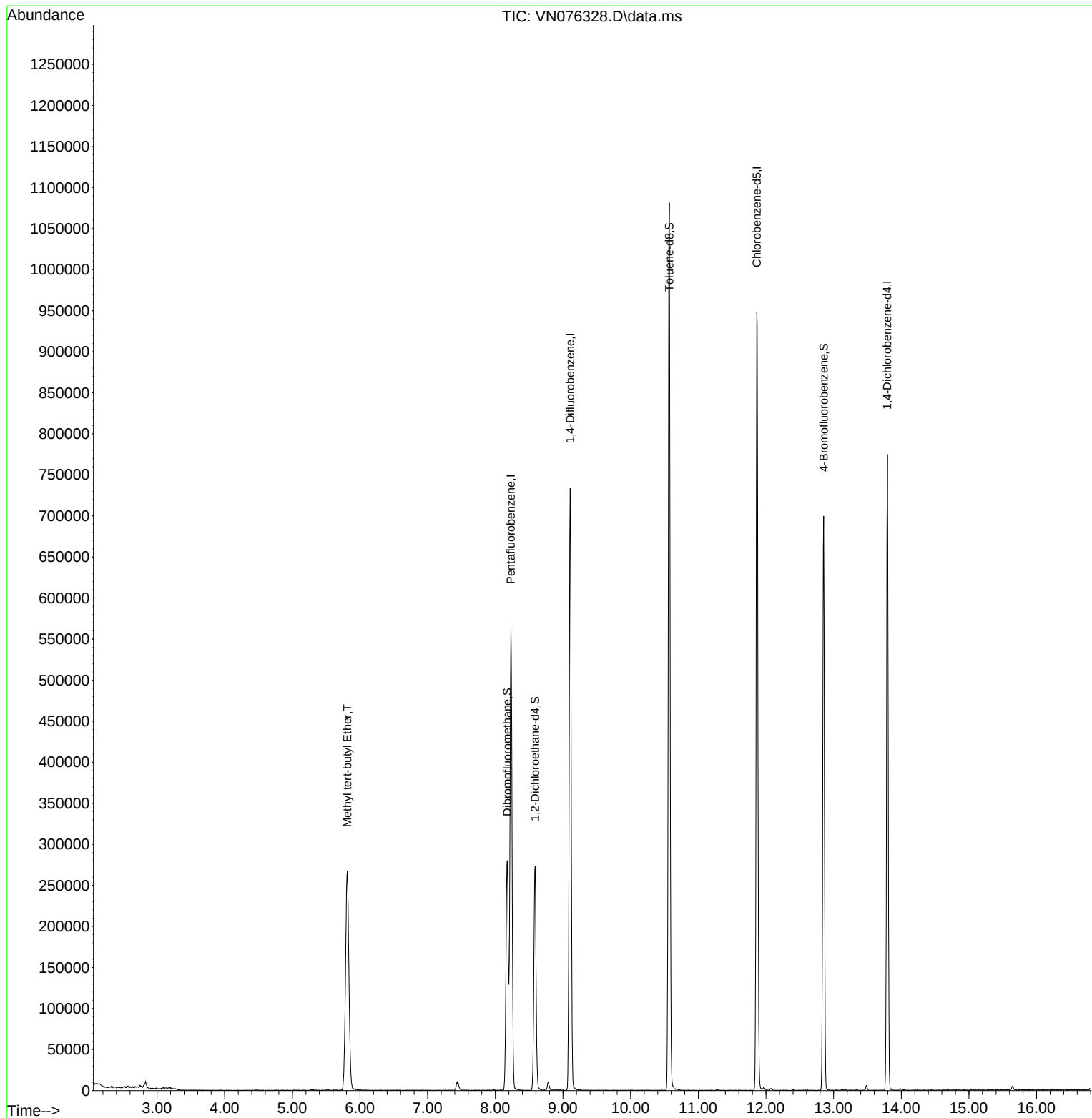
Internal Standards						
1) Pentafluorobenzene	8.229	168	431125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	674389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	223061	46.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.420%
35) Dibromofluoromethane	8.177	113	202271	47.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.570	98	773495	49.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	231887	45.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	472411	35.141	ug/l	Qvalue 100

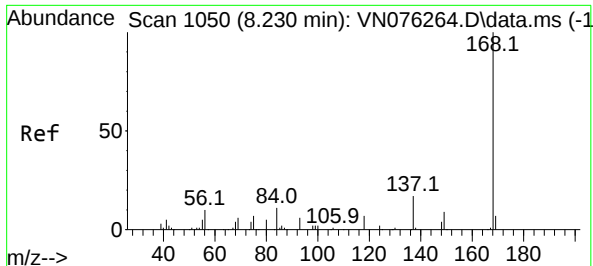
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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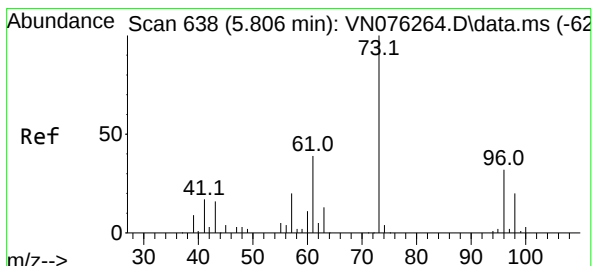
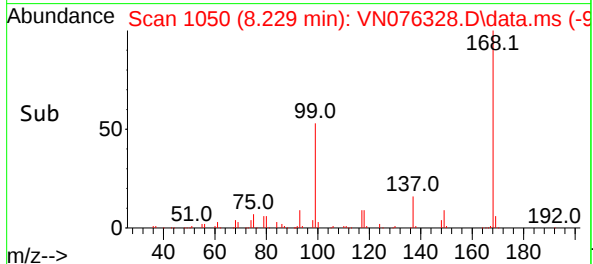
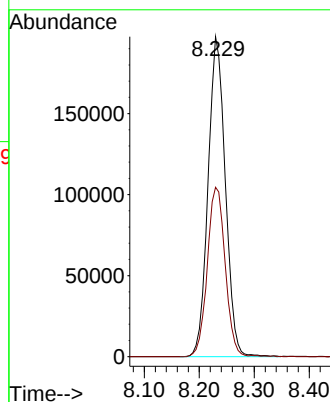
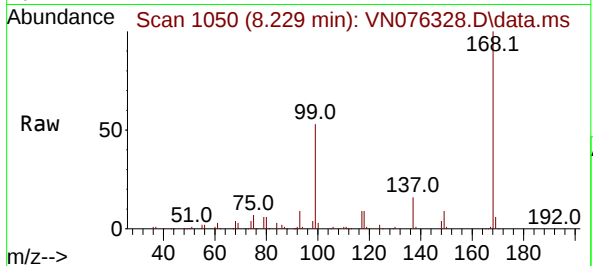




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076328.D
Acq: 19 Jan 2023 17:19

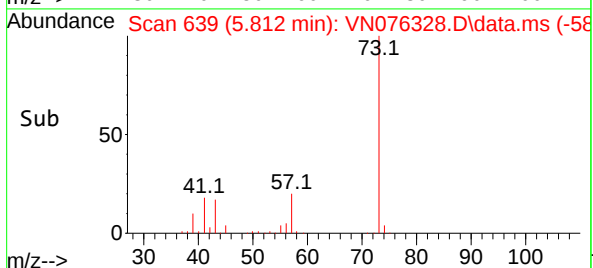
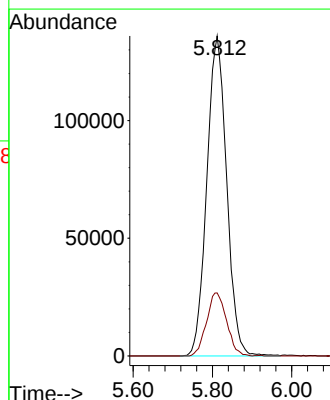
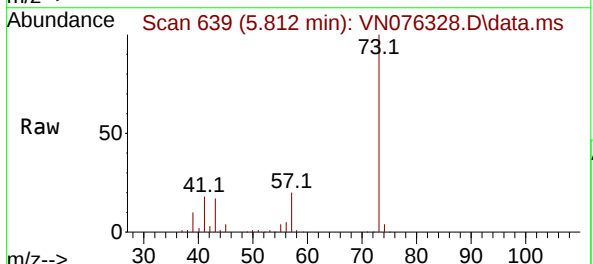
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118DL

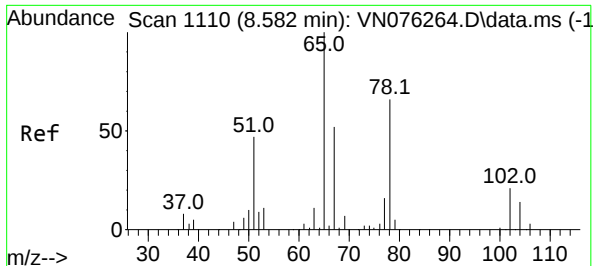
Tgt Ion:168 Resp: 431125
Ion Ratio Lower Upper
168 100
99 53.0 41.6 62.4



#19
Methyl tert-butyl Ether
Concen: 35.141 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076328.D
Acq: 19 Jan 2023 17:19

Tgt Ion: 73 Resp: 472411
Ion Ratio Lower Upper
73 100
57 19.7 15.9 23.9





#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076328.D

Acq: 19 Jan 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

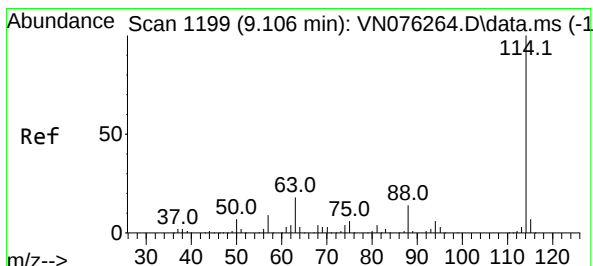
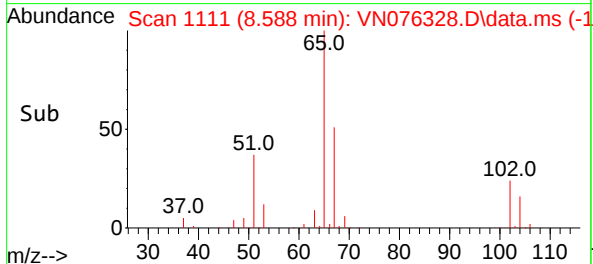
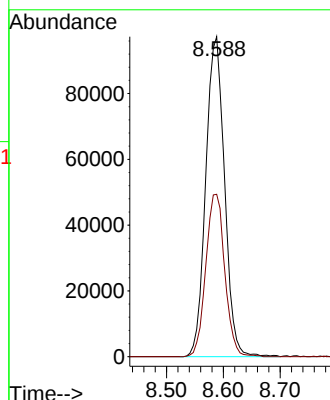
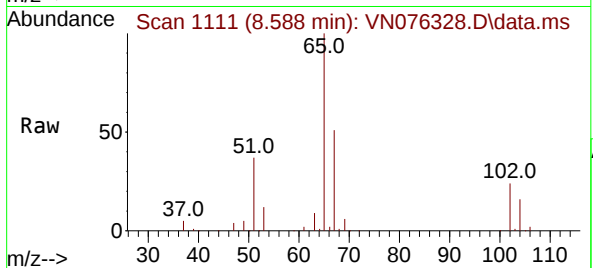
MW-13-0118DL

Tgt Ion: 65 Resp: 223061

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076328.D

Acq: 19 Jan 2023 17:19

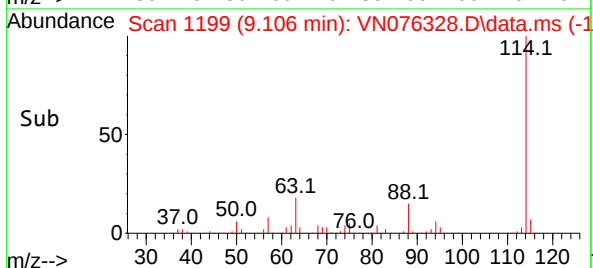
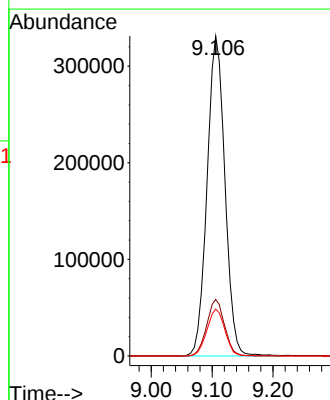
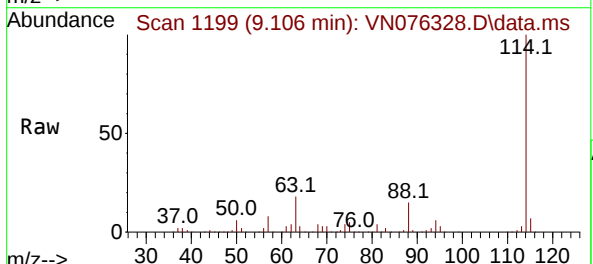
Tgt Ion: 114 Resp: 674389

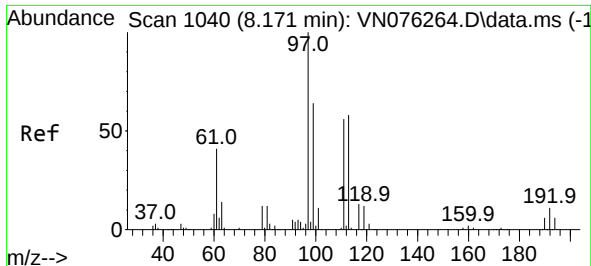
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.948 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076328.D

Acq: 19 Jan 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0118DL

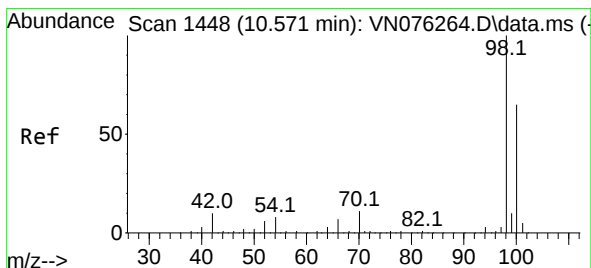
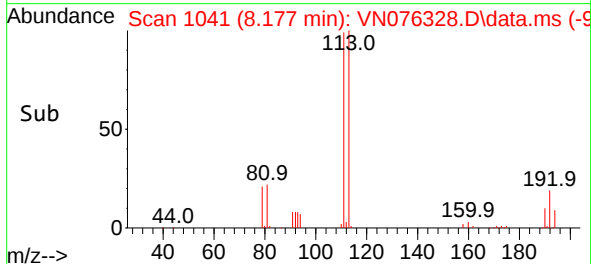
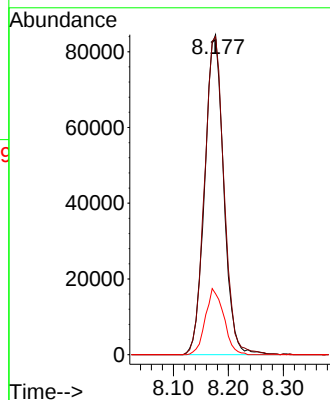
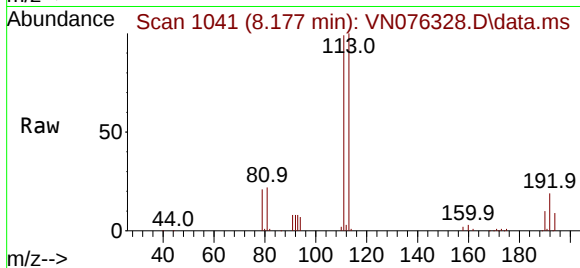
Tgt Ion:113 Resp: 202271

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 20.1 15.6 23.4



#50

Toluene-d8

Concen: 49.648 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076328.D

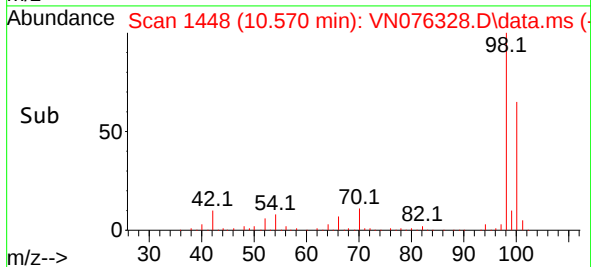
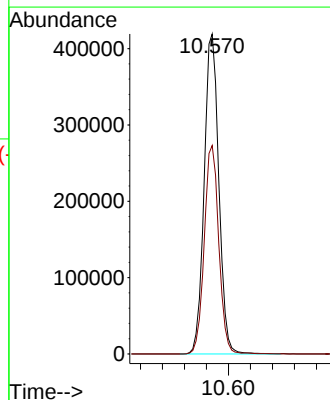
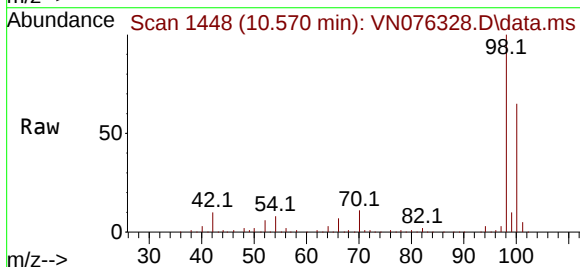
Acq: 19 Jan 2023 17:19

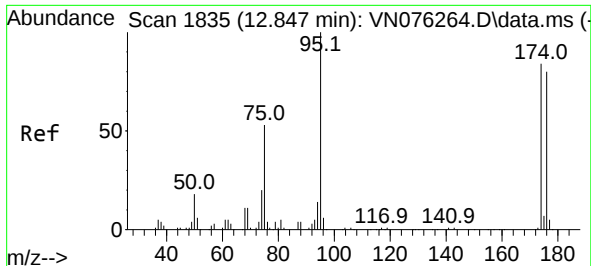
Tgt Ion: 98 Resp: 773495

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

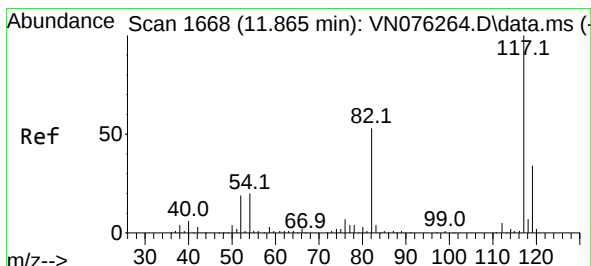
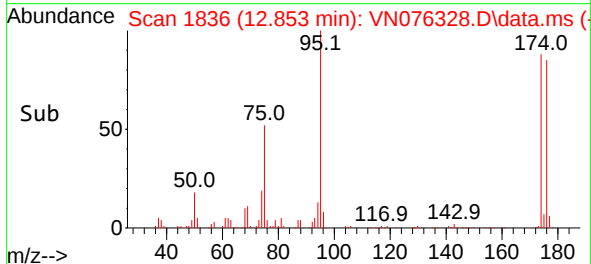
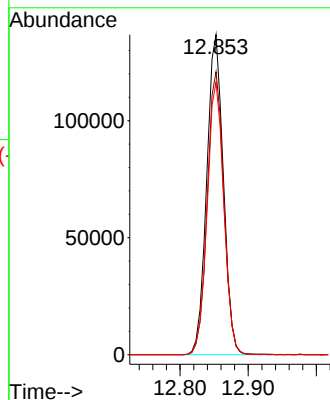
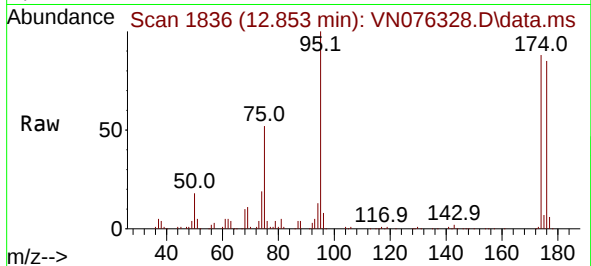




#62
4-Bromofluorobenzene
Concen: 45.593 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076328.D
Acq: 19 Jan 2023 17:19

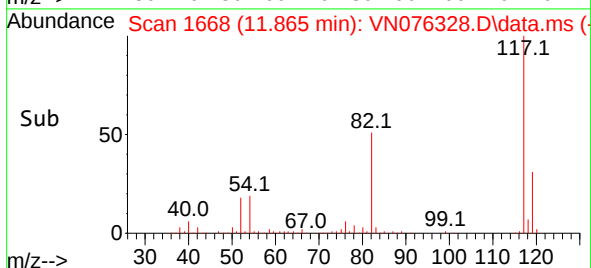
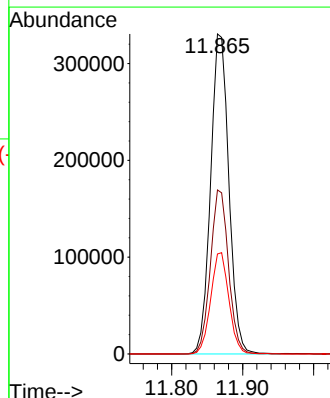
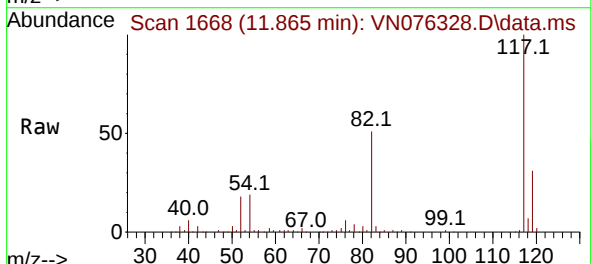
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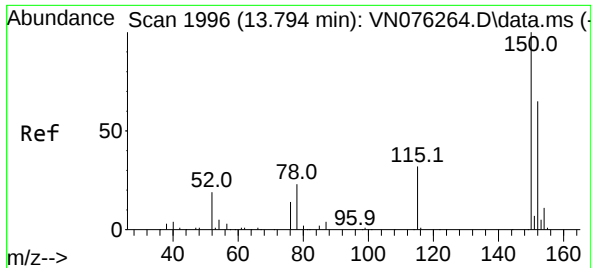
Tgt Ion: 95 Resp: 231887
Ion Ratio Lower Upper
95 100
174 88.2 0.0 174.6
176 85.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076328.D
Acq: 19 Jan 2023 17:19

Tgt Ion: 117 Resp: 590289
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 31.2 26.9 40.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076328.D

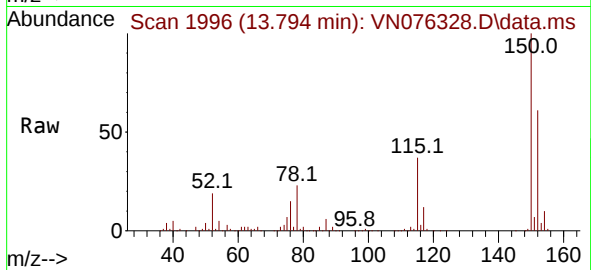
Acq: 19 Jan 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0118DL



Tgt Ion:152 Resp: 216456

Ion Ratio Lower Upper

152 100

115 59.7 29.6 88.9

150 160.5 0.0 351.4

