

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076530.D
 Acq On : 03 Feb 2023 14:11
 Operator : JC\MD
 Sample : 01415-03 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-0202

Quant Time: Feb 03 22:17:21 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)

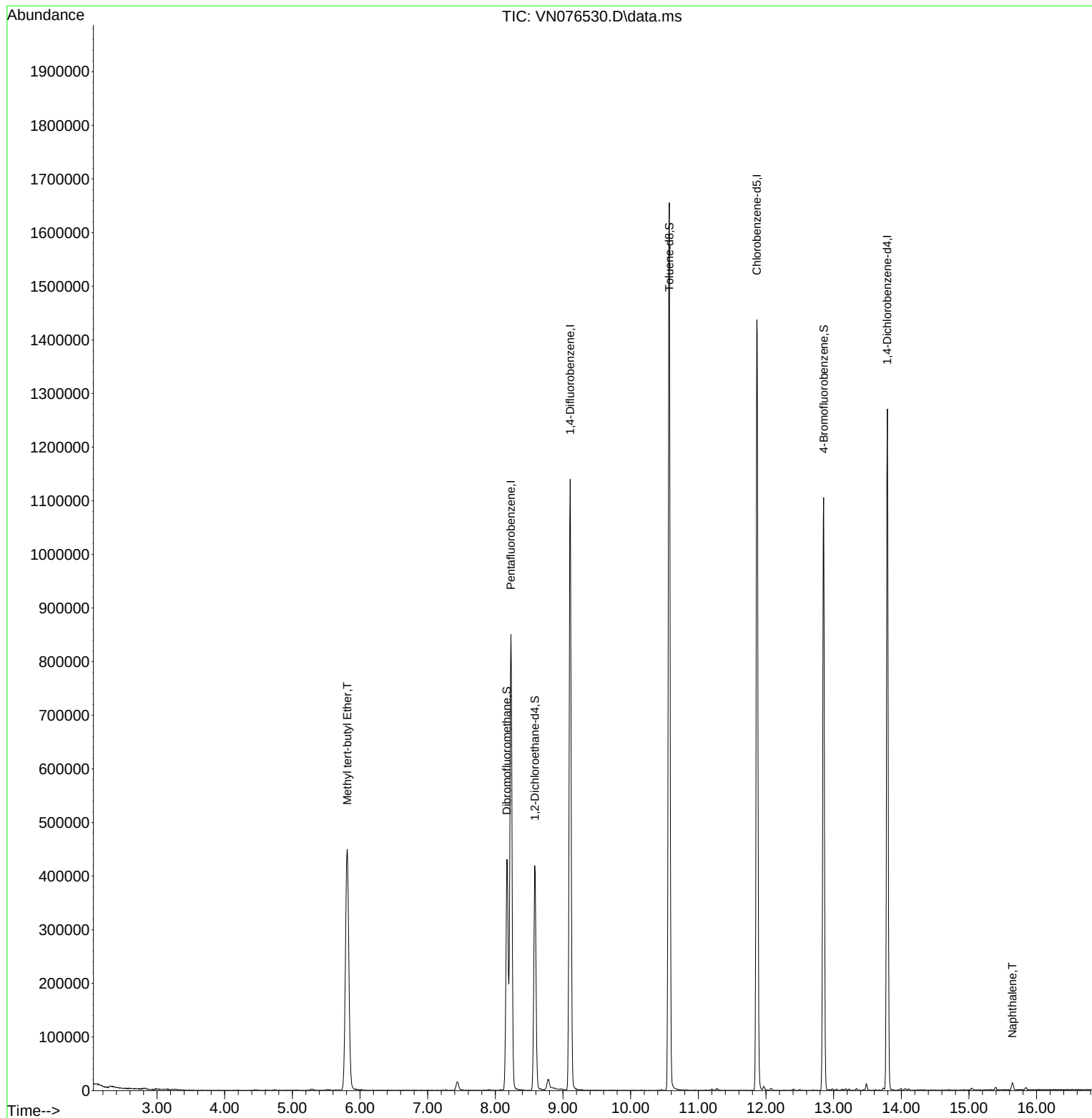
Internal Standards						
1) Pentafluorobenzene	8.230	168	633775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1037717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	905819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	357228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	355744	50.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.260%
35) Dibromofluoromethane	8.171	113	312344	48.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	10.571	98	1190384	49.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	394946	50.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.812	73	814386	41.209	ug/l	98
95) Naphthalene	15.641	128	14226	2.577	ug/l	100

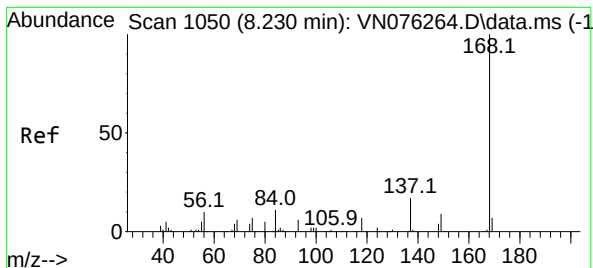
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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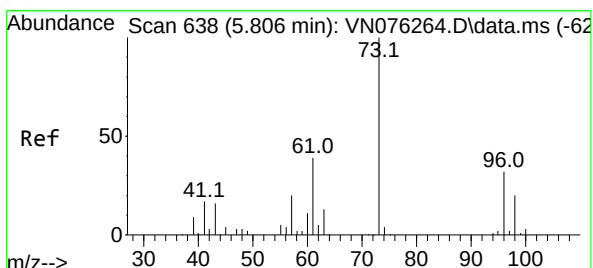
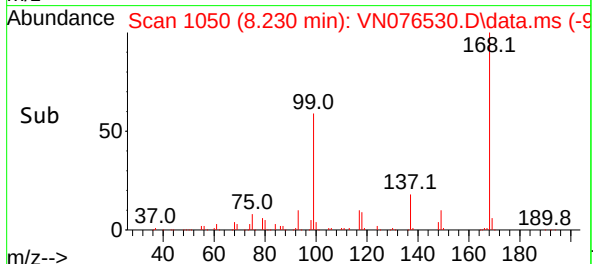
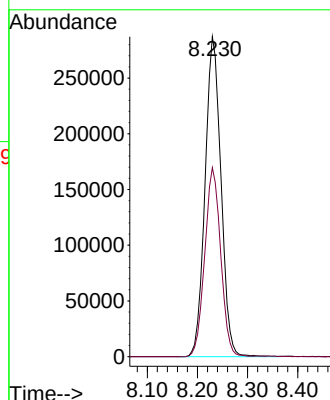
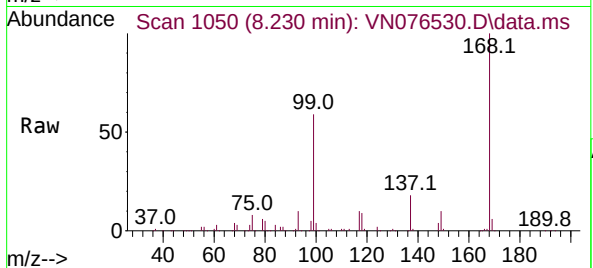




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076530.D
Acq: 03 Feb 2023 14:11

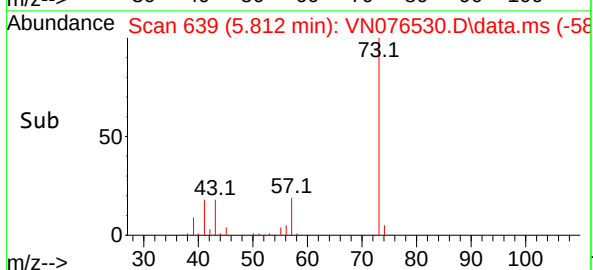
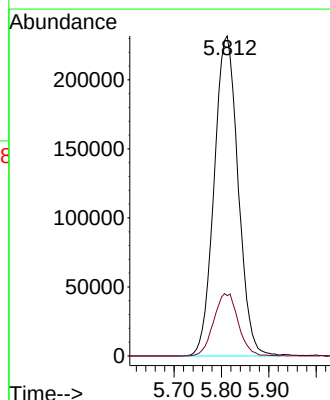
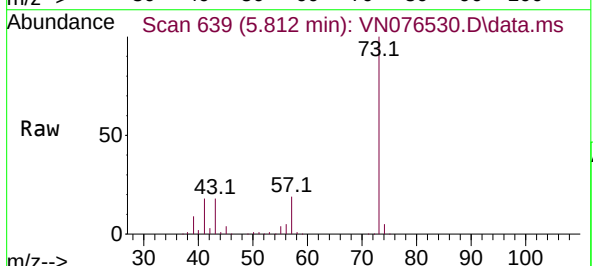
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0202

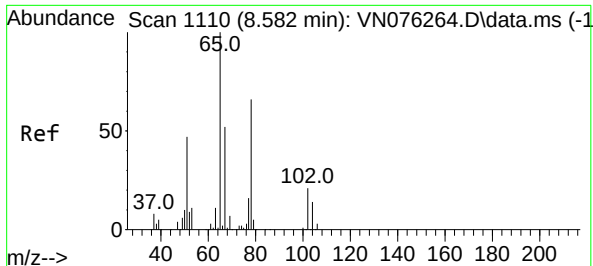
Tgt Ion:168 Resp: 633775
Ion Ratio Lower Upper
168 100
99 59.1 41.6 62.4



#19
Methyl tert-butyl Ether
Concen: 41.209 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076530.D
Acq: 03 Feb 2023 14:11

Tgt Ion: 73 Resp: 814386
Ion Ratio Lower Upper
73 100
57 18.8 15.9 23.9





#33

1,2-Dichloroethane-d4

Concen: 50.131 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076530.D

Acq: 03 Feb 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

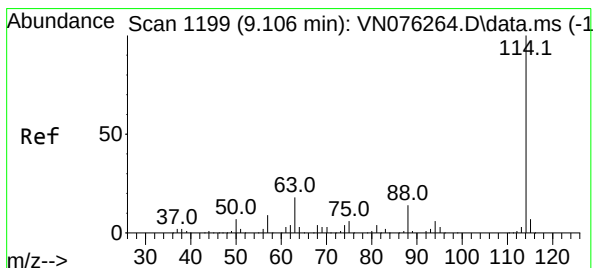
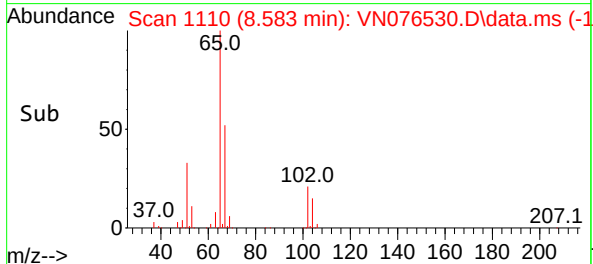
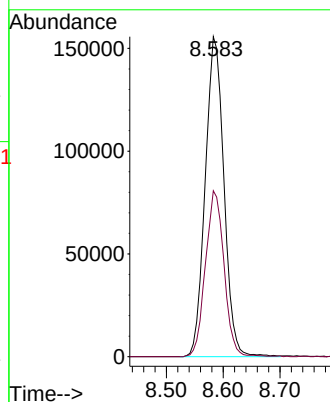
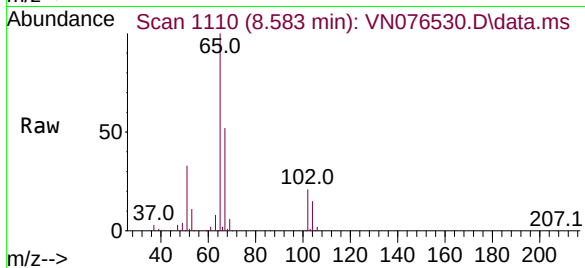
MW-13-0202

Tgt Ion: 65 Resp: 355744

Ion Ratio Lower Upper

65 100

67 51.5 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: VN076530.D

Acq: 03 Feb 2023 14:11

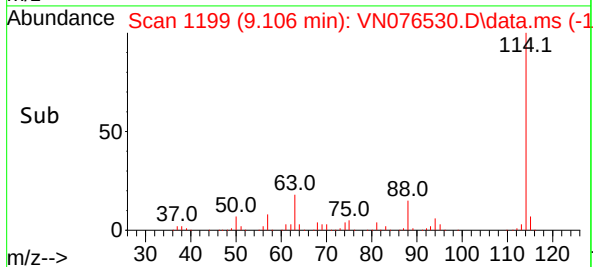
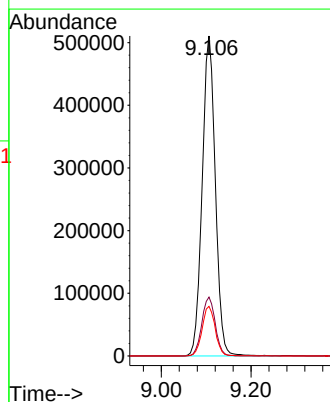
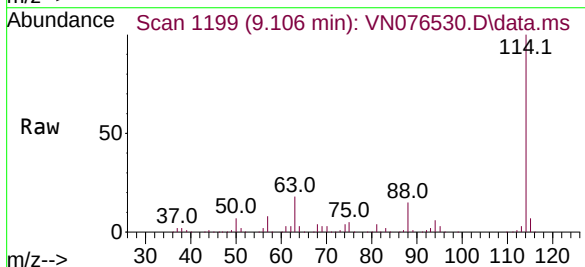
Tgt Ion: 114 Resp: 1037717

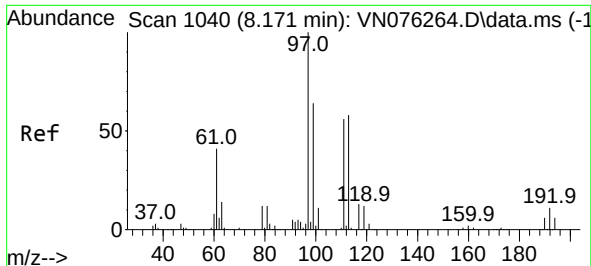
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 15.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.117 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076530.D

Acq: 03 Feb 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0202

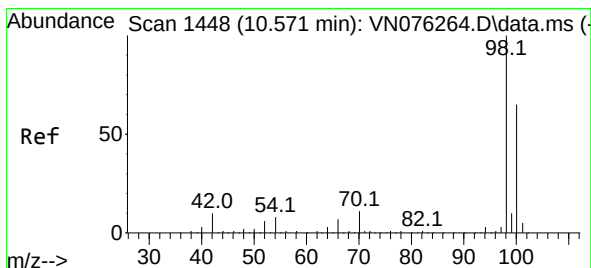
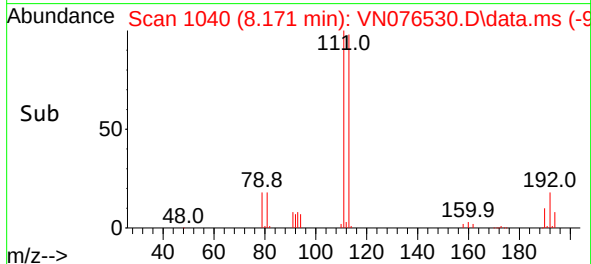
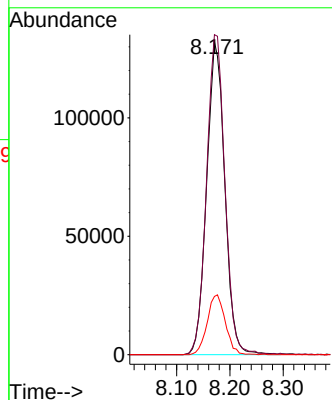
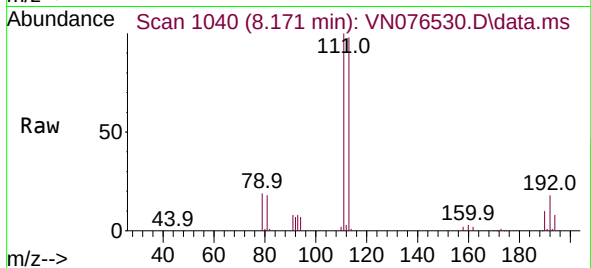
Tgt Ion:113 Resp: 312344

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 19.1 15.6 23.4



#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076530.D

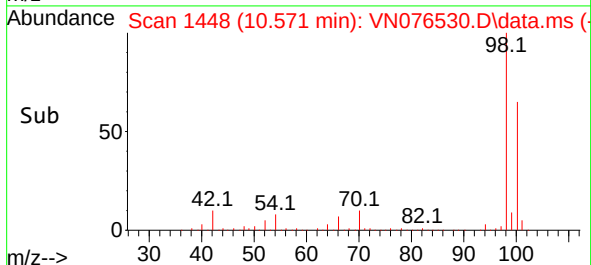
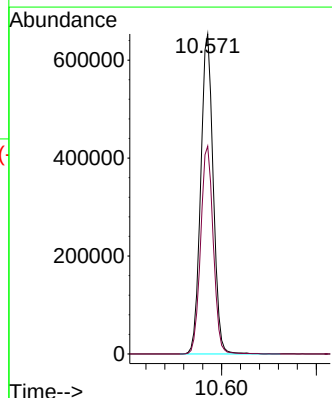
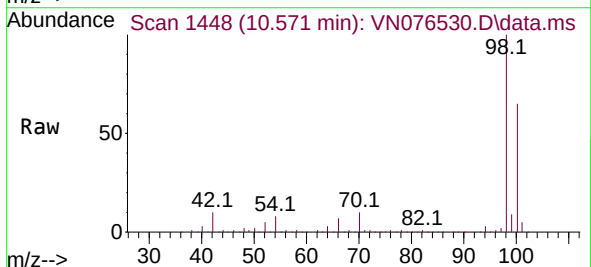
Acq: 03 Feb 2023 14:11

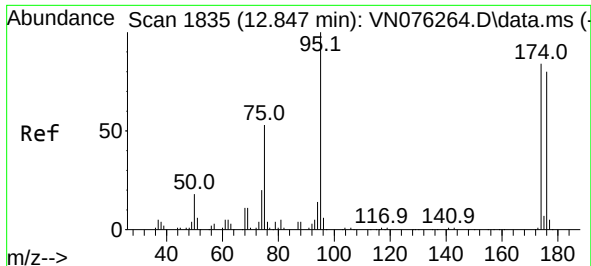
Tgt Ion: 98 Resp: 1190384

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 50.465 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076530.D

Acq: 03 Feb 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0202

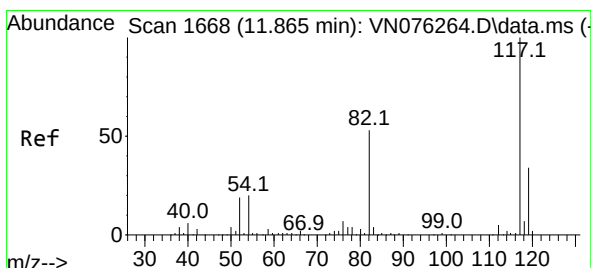
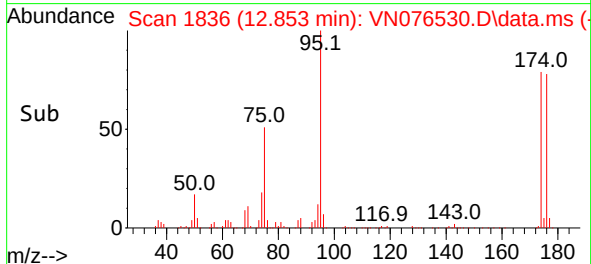
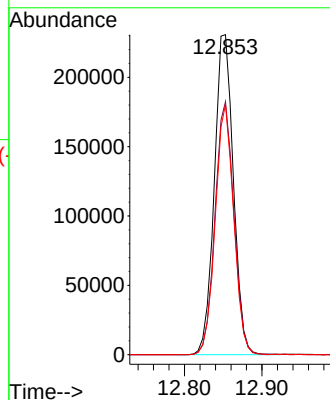
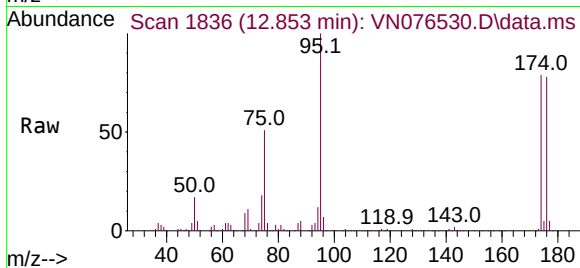
Tgt Ion: 95 Resp: 394946

Ion Ratio Lower Upper

95 100

174 78.4 0.0 174.6

176 75.3 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: VN076530.D

Acq: 03 Feb 2023 14:11

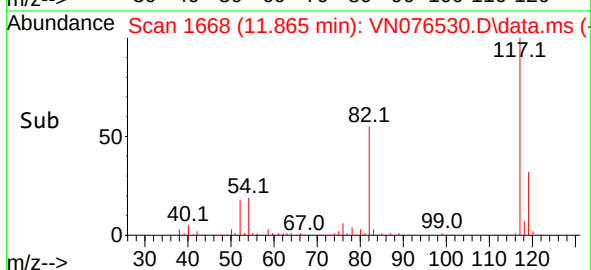
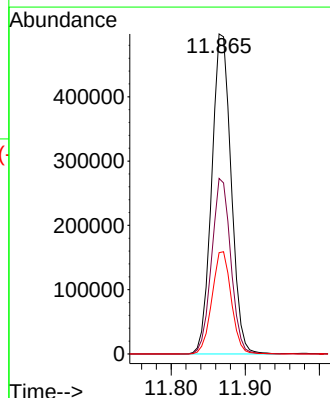
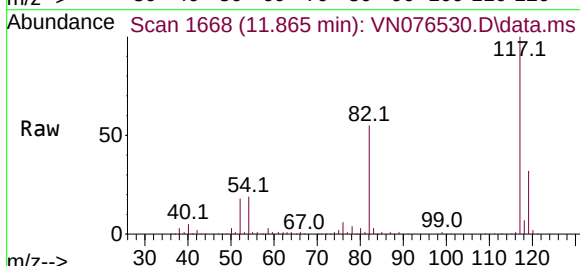
Tgt Ion: 117 Resp: 905819

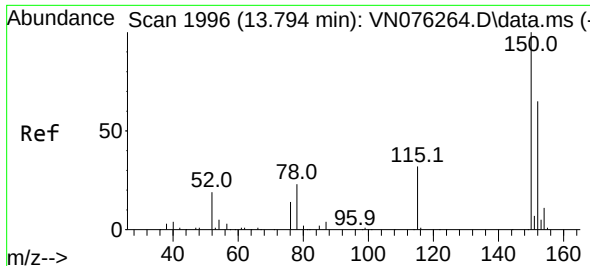
Ion Ratio Lower Upper

117 100

82 54.8 42.2 63.2

119 31.7 26.9 40.3

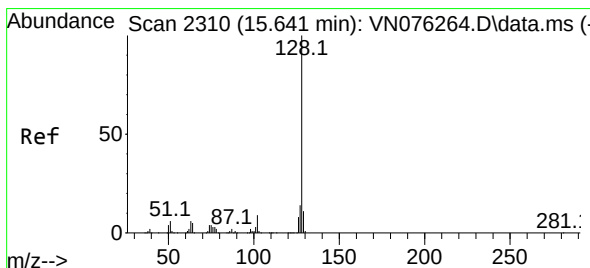
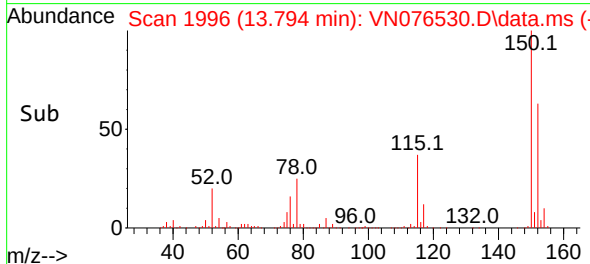
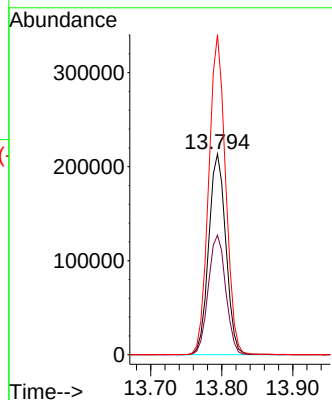
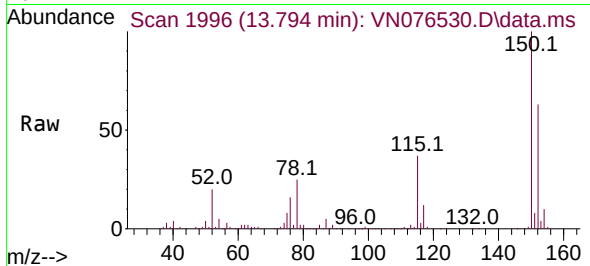




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076530.D
Acq: 03 Feb 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0202

Tgt Ion:152 Resp: 357228
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.9
150 157.3 0.0 351.4



#95
Naphthalene
Concen: 2.577 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076530.D
Acq: 03 Feb 2023 14:11

Tgt Ion:128 Resp: 14226
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0

