

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076395.D
 Acq On : 25 Jan 2023 12:34
 Operator : JC\MD
 Sample : 01291-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-318-320

Quant Time: Jan 26 07:15:22 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)

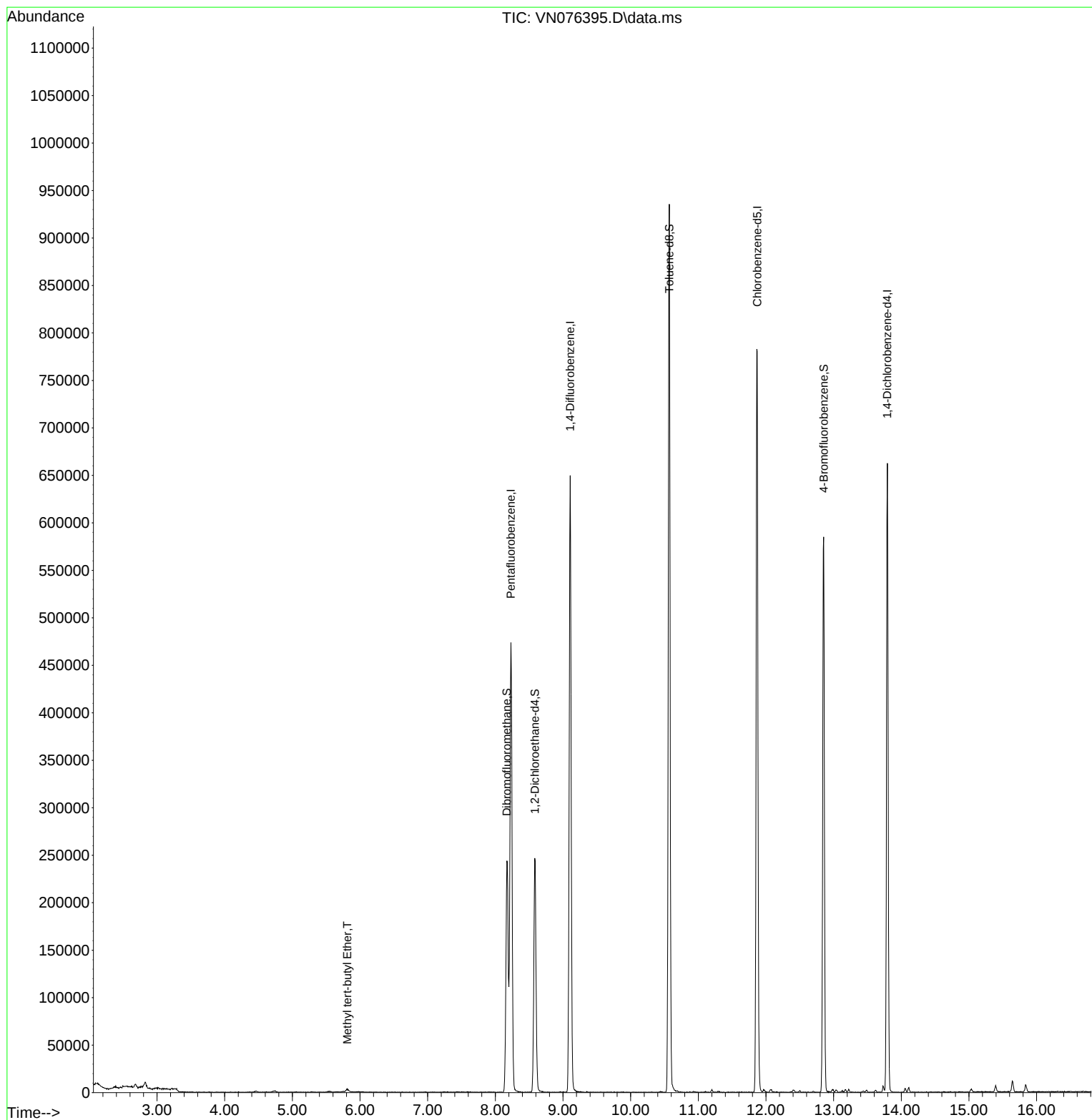
Internal Standards						
1) Pentafluorobenzene	8.230	168	348884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205645	52.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.280%
35) Dibromofluoromethane	8.171	113	175061	49.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.571	98	650023	49.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	197144	46.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	4830	0.444	ug/l	Qvalue # 88

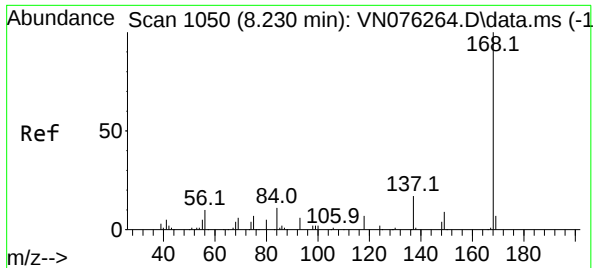
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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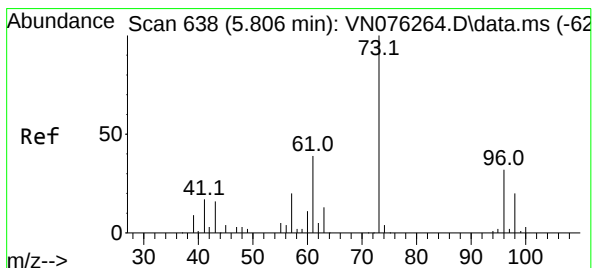
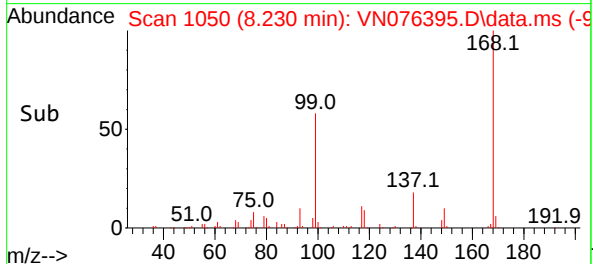
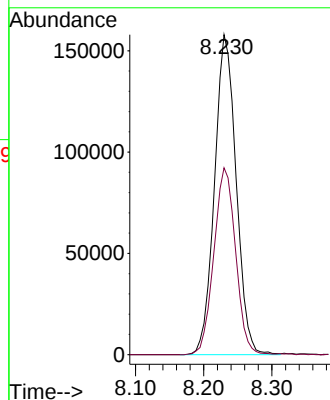
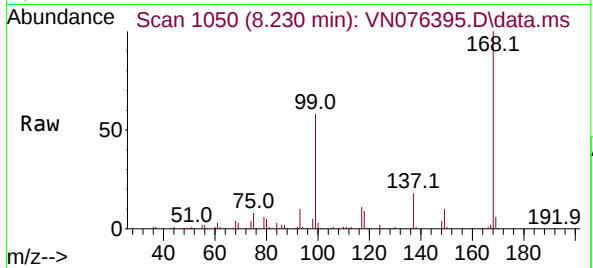




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076395.D
Acq: 25 Jan 2023 12:34

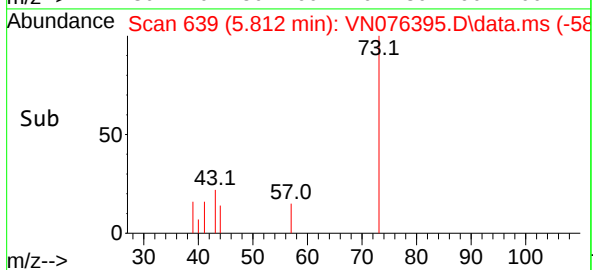
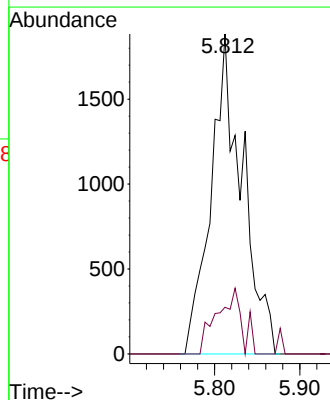
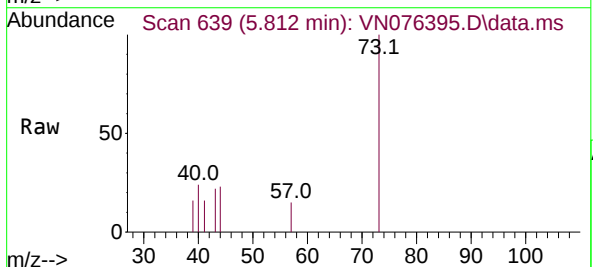
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-318-320

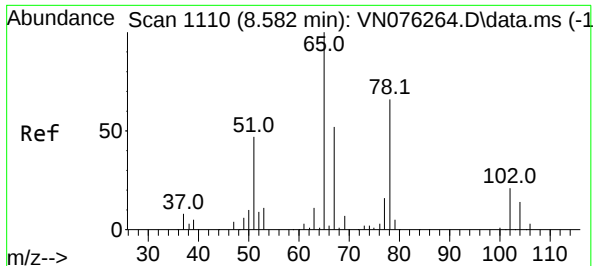
Tgt Ion:168 Resp: 348884
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



#19
Methyl tert-butyl Ether
Concen: 0.444 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076395.D
Acq: 25 Jan 2023 12:34

Tgt Ion: 73 Resp: 4830
Ion Ratio Lower Upper
73 100
57 14.6 15.9 23.9#





#33

1,2-Dichloroethane-d4

Concen: 52.643 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076395.D

Acq: 25 Jan 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

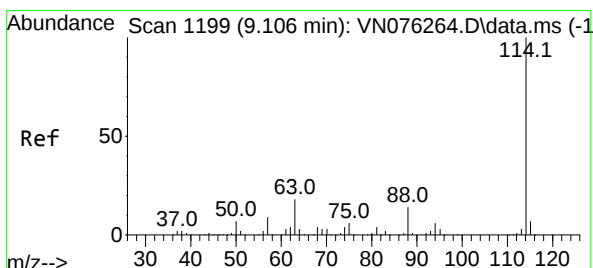
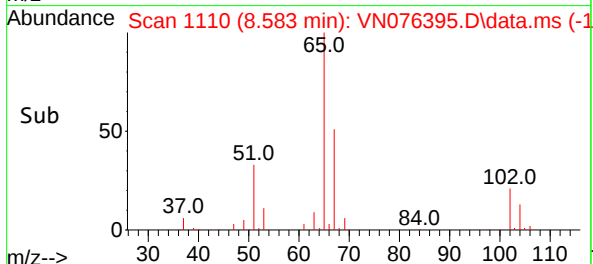
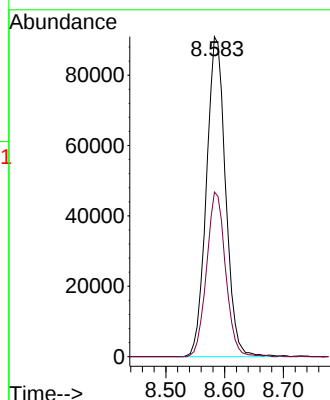
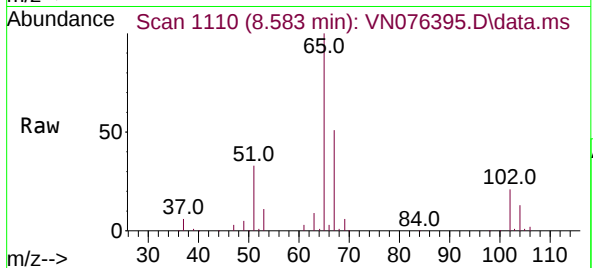
BP-VPB-RW10-GW-318-320

Tgt Ion: 65 Resp: 205645

Ion Ratio Lower Upper

65 100

67 51.1 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: VN076395.D

Acq: 25 Jan 2023 12:34

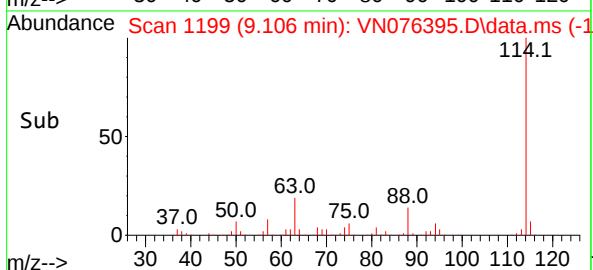
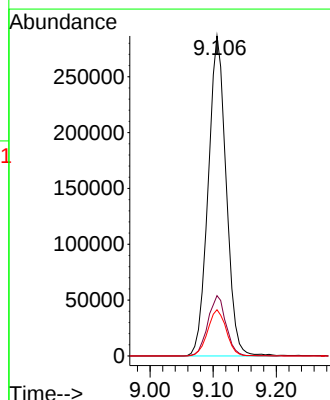
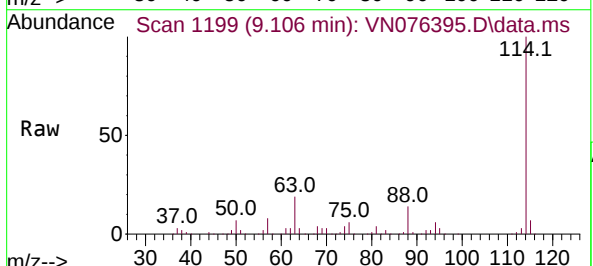
Tgt Ion: 114 Resp: 567426

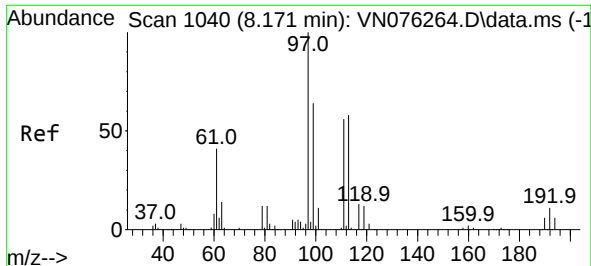
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 14.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.320 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076395.D

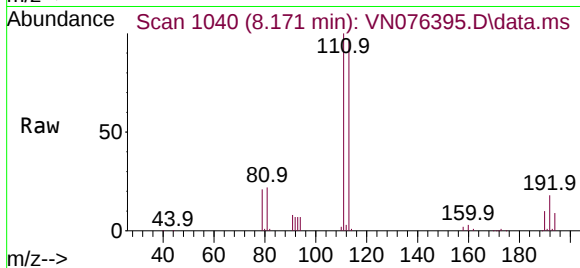
Acq: 25 Jan 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-318-320



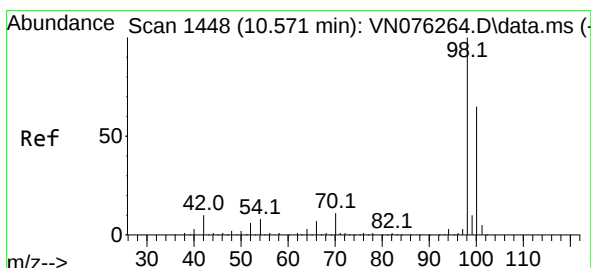
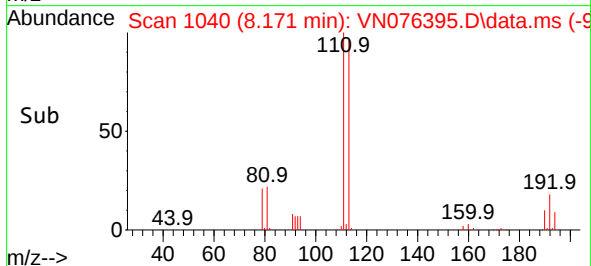
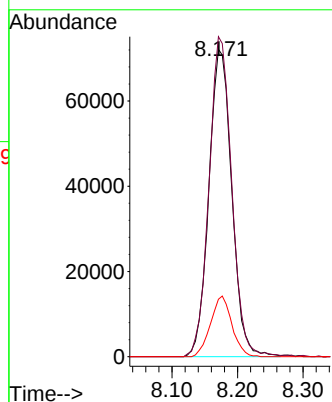
Tgt Ion:113 Resp: 175061

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 18.4 15.6 23.4



#50

Toluene-d8

Concen: 49.587 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076395.D

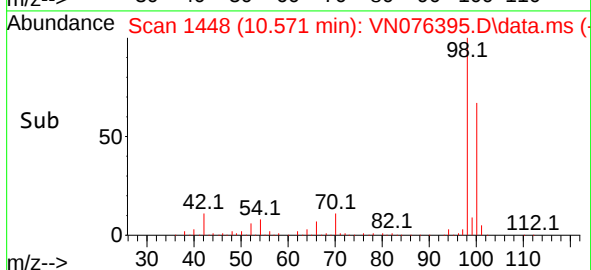
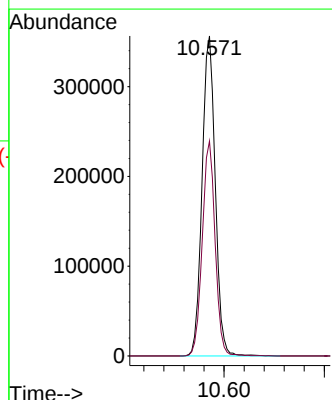
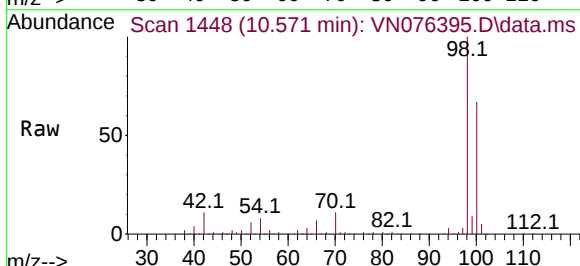
Acq: 25 Jan 2023 12:34

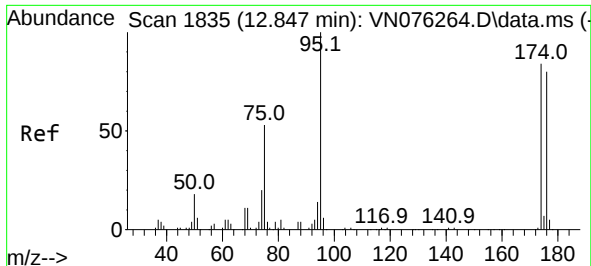
Tgt Ion: 98 Resp: 650023

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

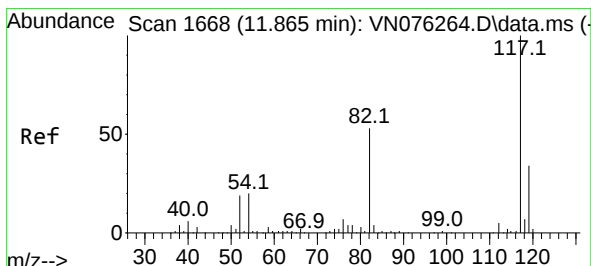
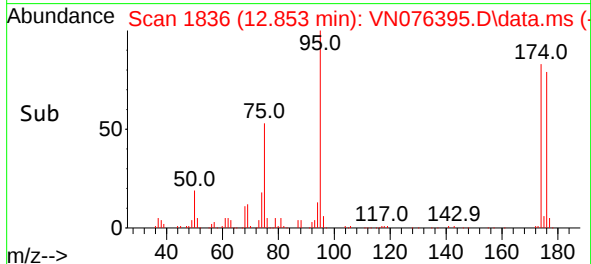
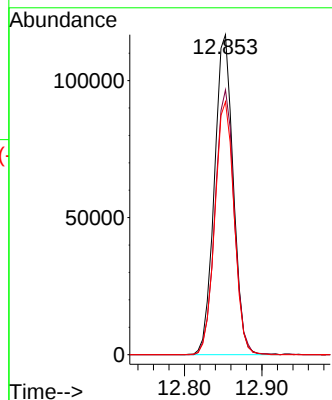
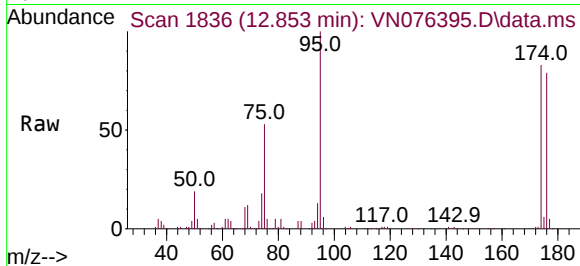




#62
4-Bromofluorobenzene
Concen: 46.068 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076395.D
Acq: 25 Jan 2023 12:34

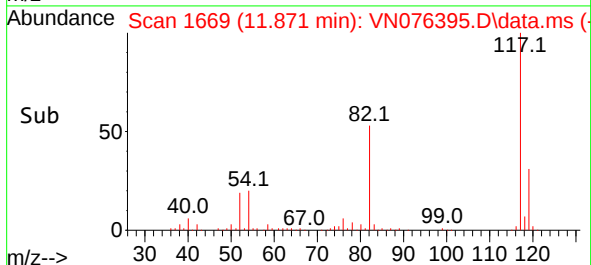
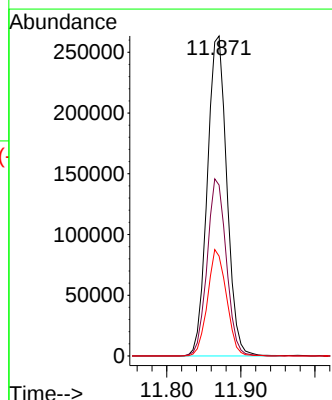
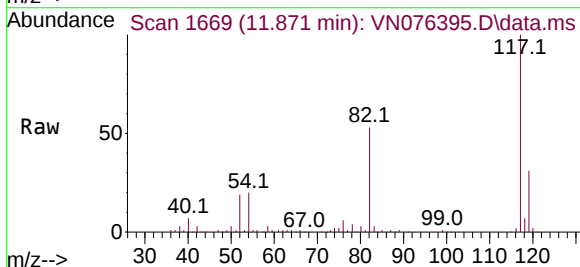
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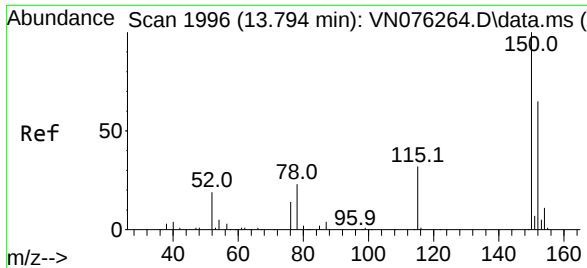
Tgt Ion: 95 Resp: 197144
Ion Ratio Lower Upper
95 100
174 83.8 0.0 174.6
176 80.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076395.D
Acq: 25 Jan 2023 12:34

Tgt Ion: 117 Resp: 481966
Ion Ratio Lower Upper
117 100
82 53.4 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: VN076395.D

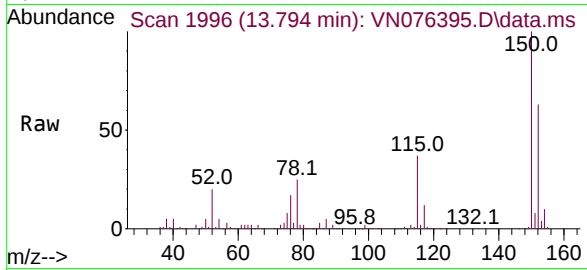
Acq: 25 Jan 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-318-320



Tgt Ion:152 Resp: 184941

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.9

150 157.2 0.0 351.4

