

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076405.D
 Acq On : 25 Jan 2023 16:34
 Operator : JC\MD
 Sample : 01291-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-TB-20230120

Quant Time: Jan 26 07:18:36 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)

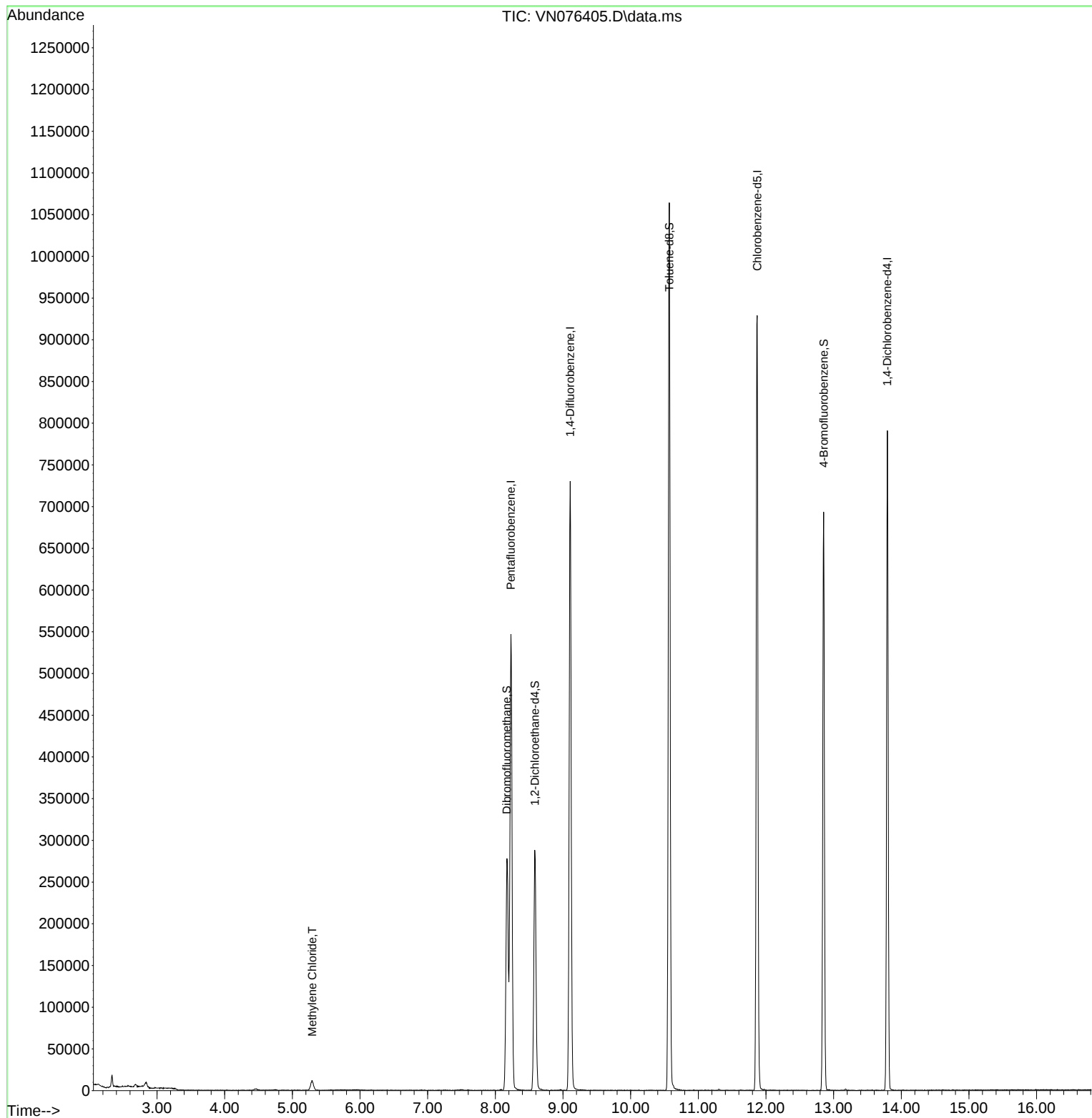
Internal Standards						
1) Pentafluorobenzene	8.230	168	399970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241952	54.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.060%
35) Dibromofluoromethane	8.171	113	203170	49.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	10.571	98	753763	50.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.853	95	227427	46.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
20) Methylene Chloride	5.294	84	9082	1.554	ug/l	Qvalue # 89

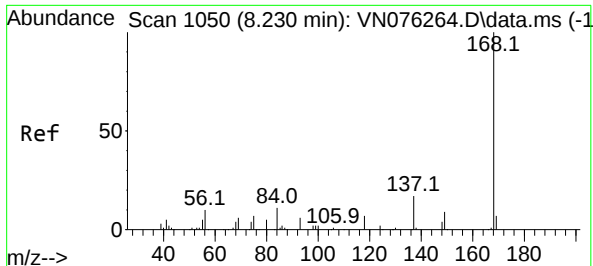
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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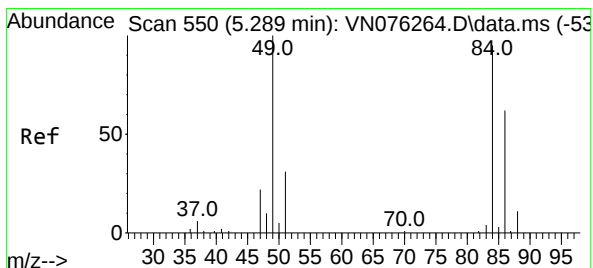
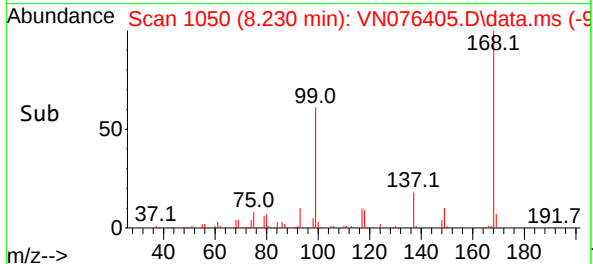
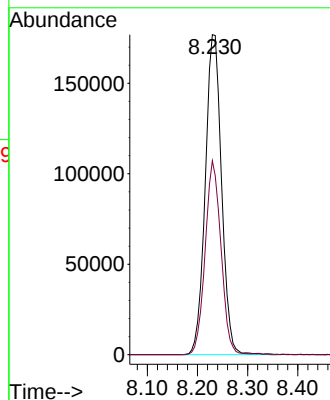
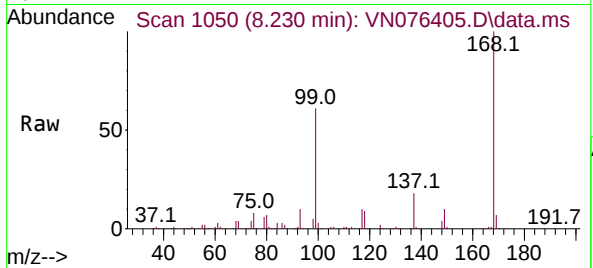




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

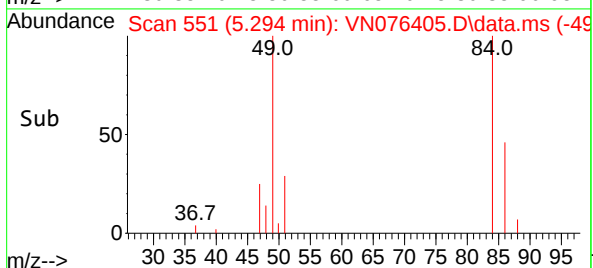
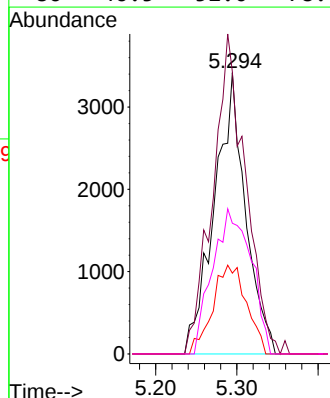
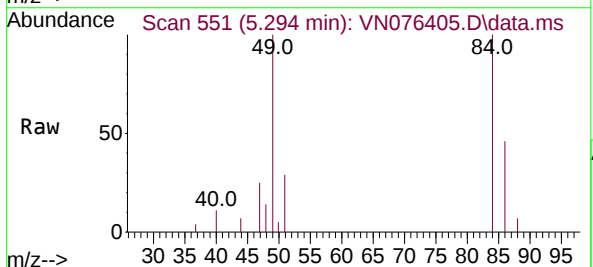
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230120

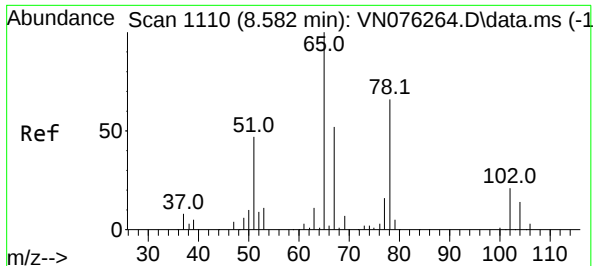
Tgt Ion:168 Resp: 399970
Ion Ratio Lower Upper
168 100
99 60.6 41.6 62.4



#20
Methylene Chloride
Concen: 1.554 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 84 Resp: 9082
Ion Ratio Lower Upper
84 100
49 100.4 84.5 126.7
51 28.7 26.0 39.0
86 46.5 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 54.026 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

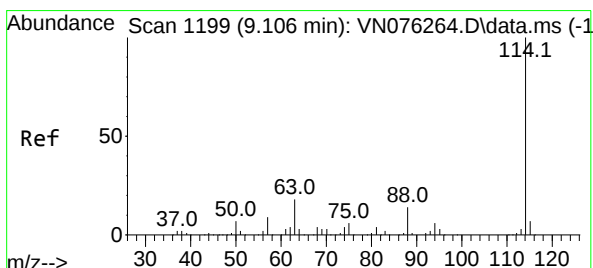
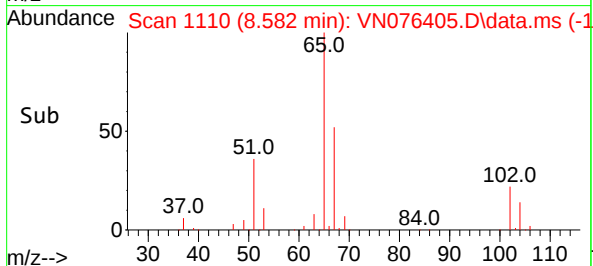
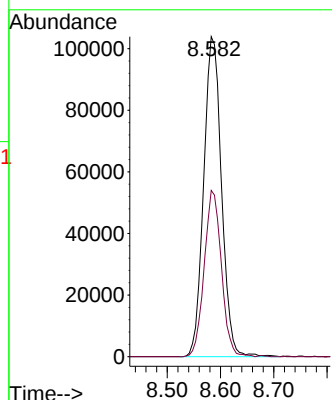
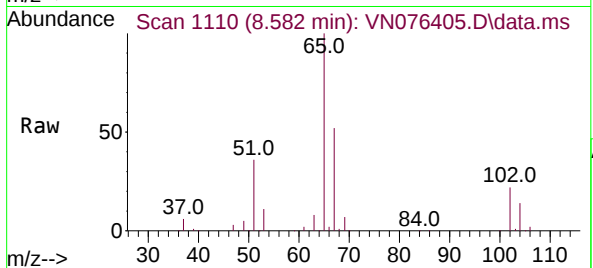
BP-VPB-RW10-TB-20230120

Tgt Ion: 65 Resp: 241952

Ion Ratio Lower Upper

65 100

67 50.0 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: VN076405.D

Acq: 25 Jan 2023 16:34

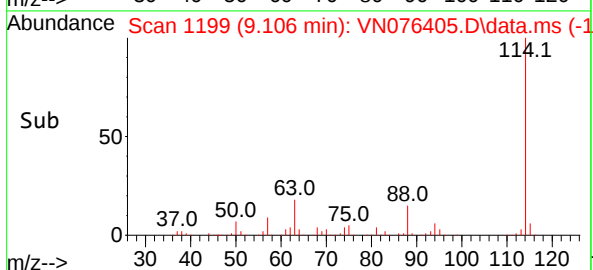
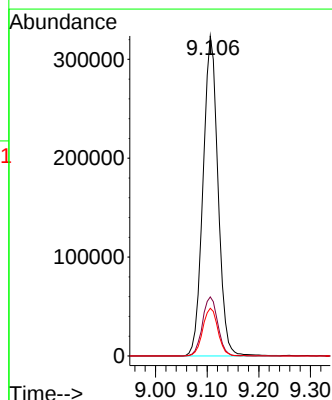
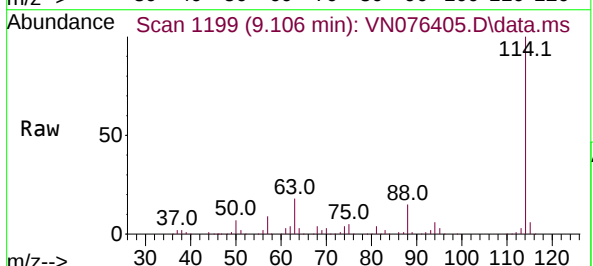
Tgt Ion: 114 Resp: 651754

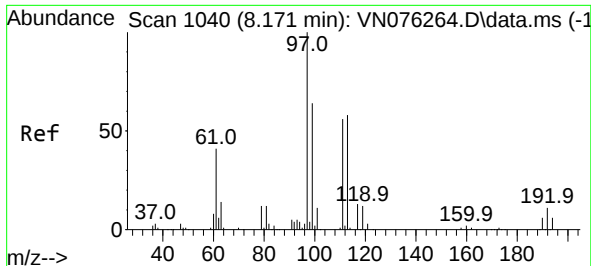
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.9 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.833 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076405.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-TB-20230120

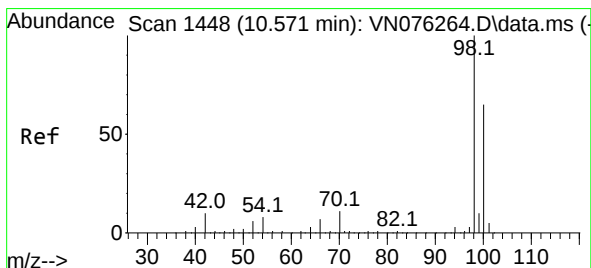
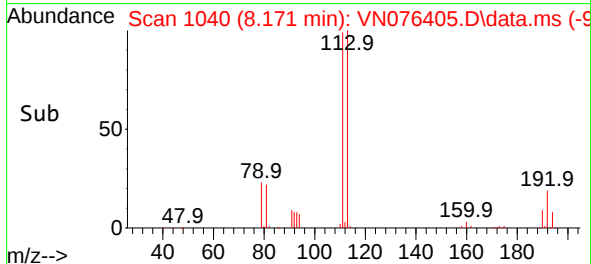
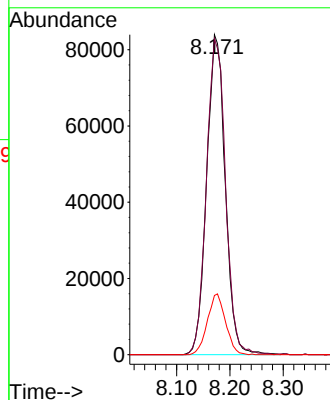
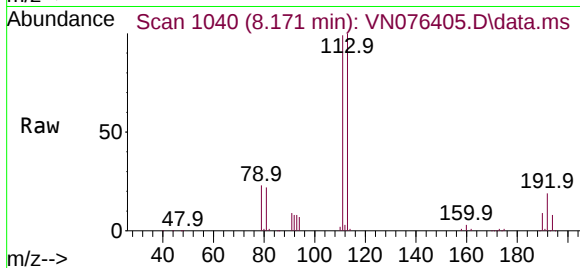
Tgt Ion:113 Resp: 203170

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 18.6 15.6 23.4



#50

Toluene-d8

Concen: 50.061 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076405.D

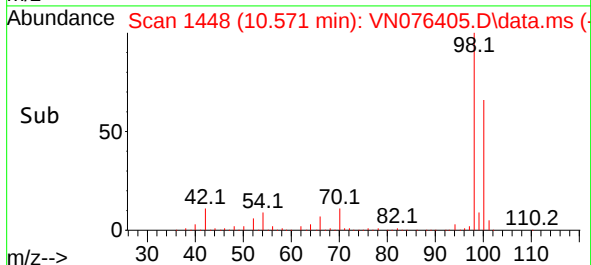
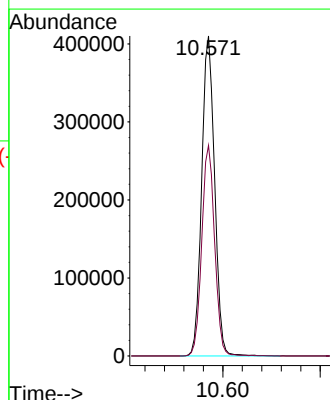
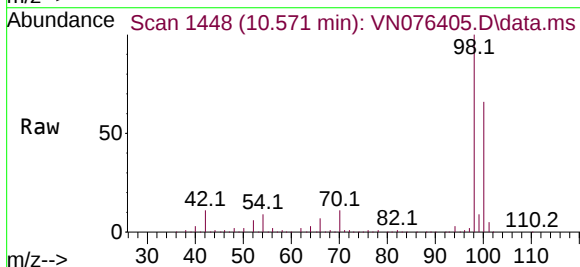
Acq: 25 Jan 2023 16:34

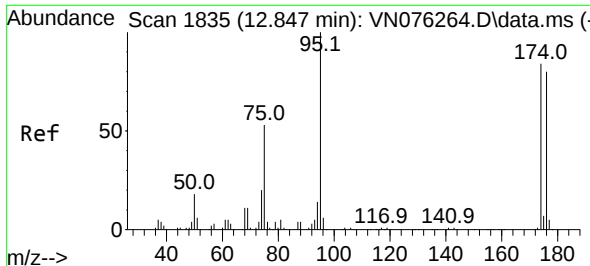
Tgt Ion: 98 Resp: 753763

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4

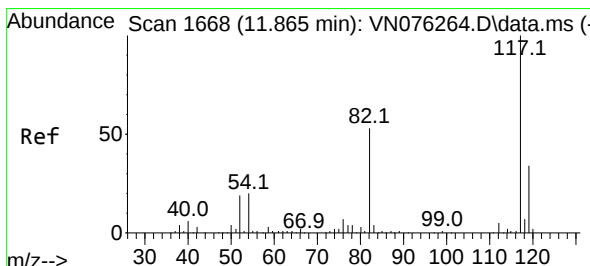
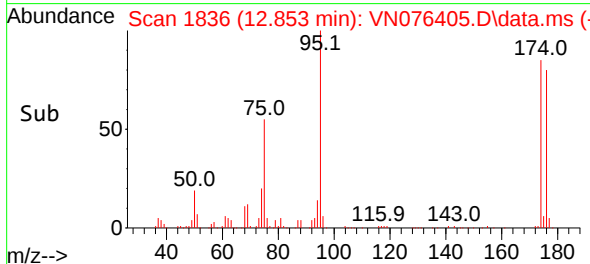
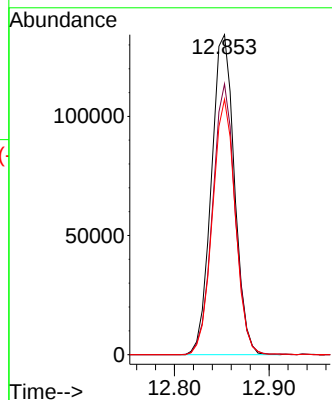
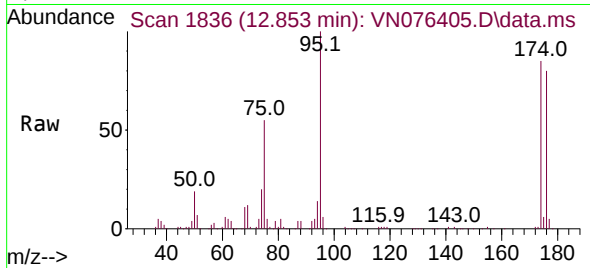




#62
4-Bromofluorobenzene
Concen: 46.269 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

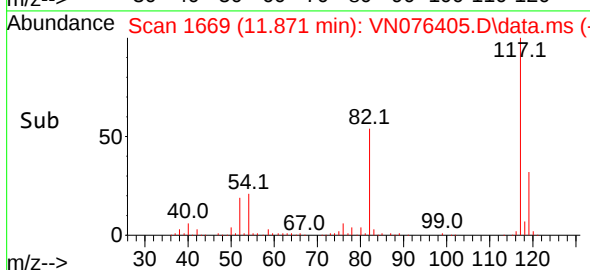
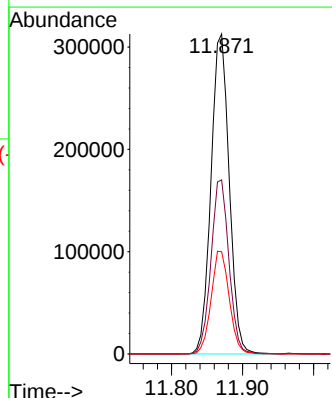
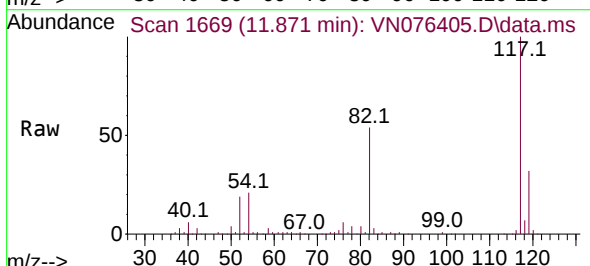
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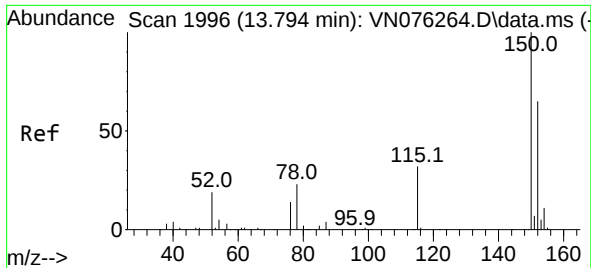
Tgt Ion: 95 Resp: 227427
Ion Ratio Lower Upper
95 100
174 82.7 0.0 174.6
176 79.0 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076405.D
Acq: 25 Jan 2023 16:34

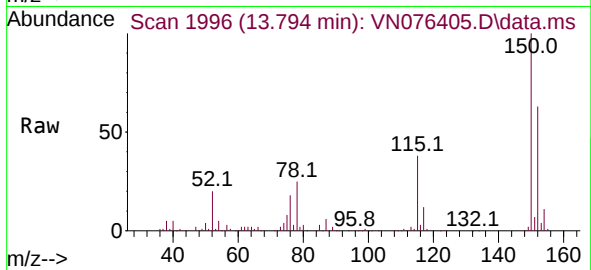
Tgt Ion: 117 Resp: 556632
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.2
119 31.9 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076405.D
 Acq: 25 Jan 2023 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-TB-20230120



Tgt Ion:152 Resp: 210858
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.6 88.9
 150 158.8 0.0 351.4

