

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076936.D
 Acq On : 10 Mar 2023 20:02
 Operator : JC\MD
 Sample : 01849-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-030823

Quant Time: Mar 13 01:23:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

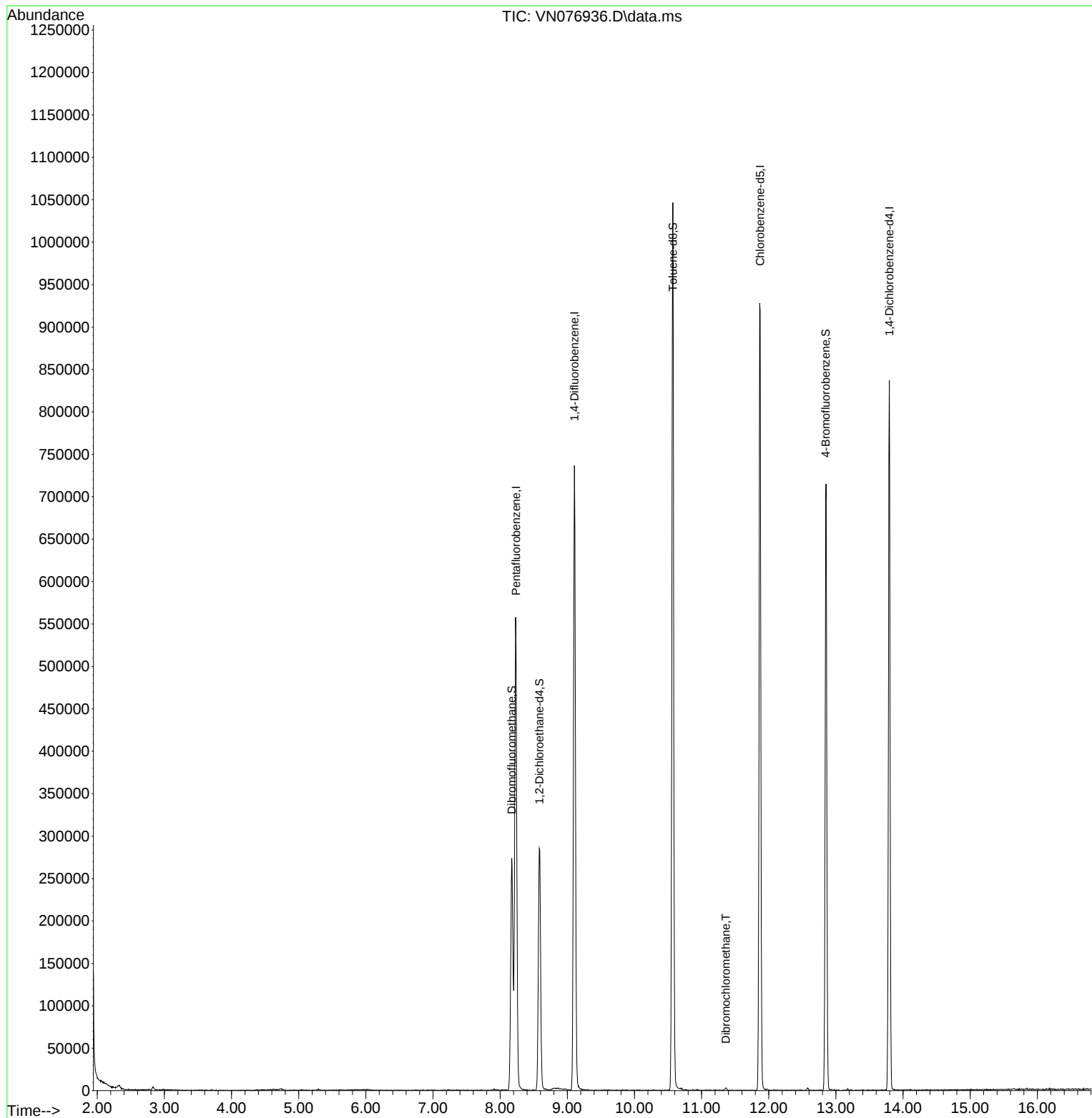
Internal Standards						
1) Pentafluorobenzene	8.236	168	376395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	609339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	530160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265391	47.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.172	113	191379	47.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.572	98	722686	48.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.848	95	254447	46.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%
Target Compounds						
60) Dibromochloromethane	11.360	129	1876	0.384	ug/l	92

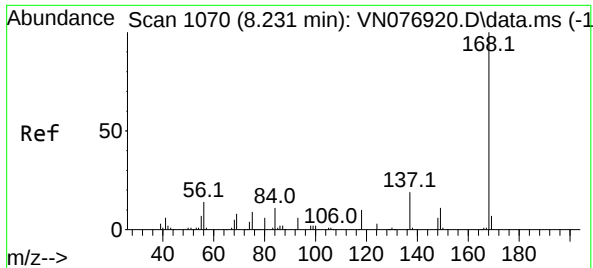
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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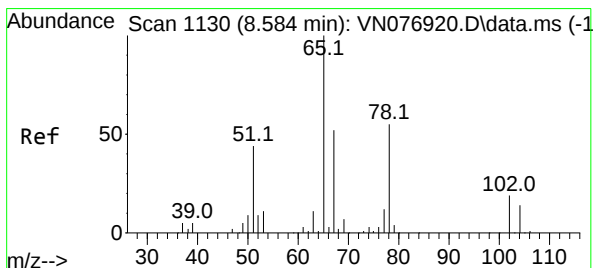
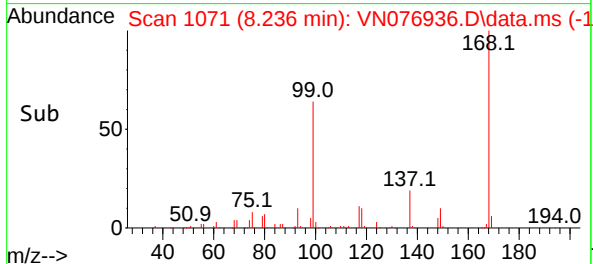
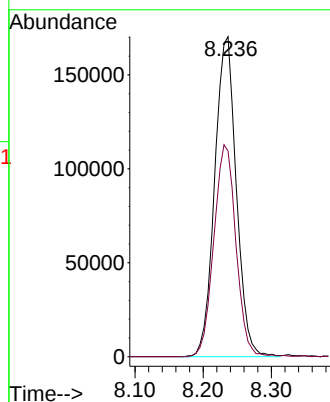
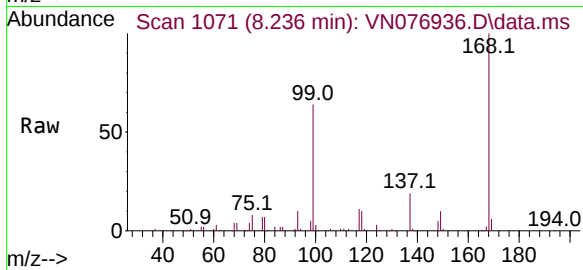




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

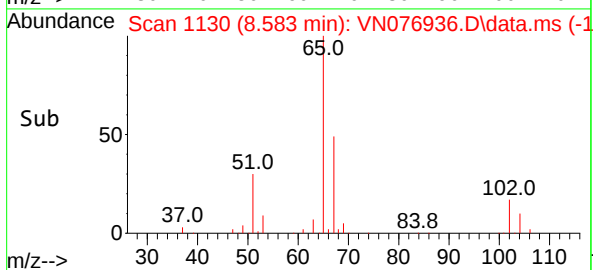
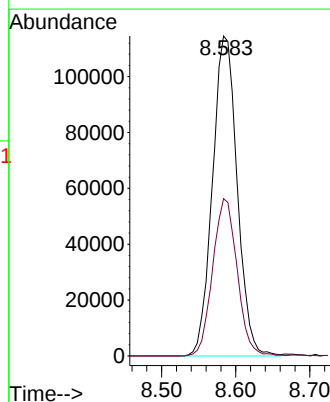
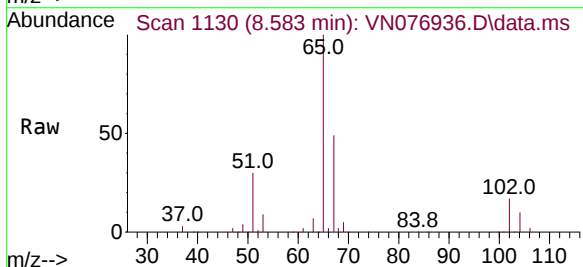
Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

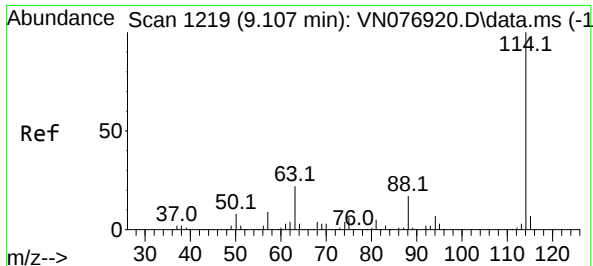
Tgt Ion:168 Resp: 376395
Ion Ratio Lower Upper
168 100
99 64.2 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.249 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 65 Resp: 265391
Ion Ratio Lower Upper
65 100
67 48.7 0.0 107.2

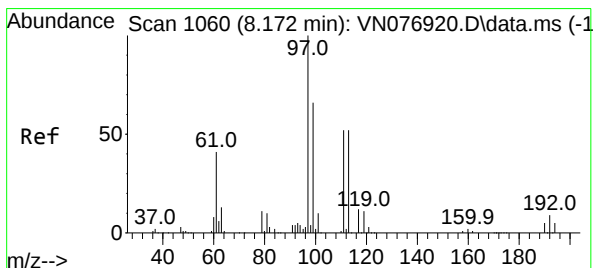
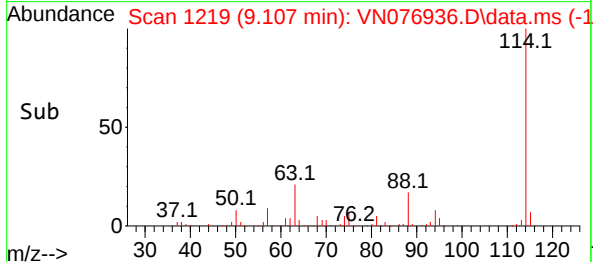
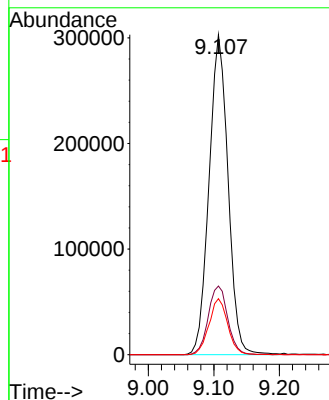
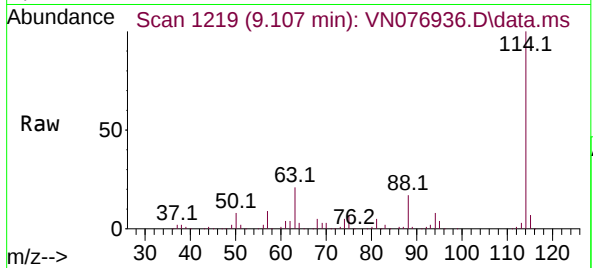




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

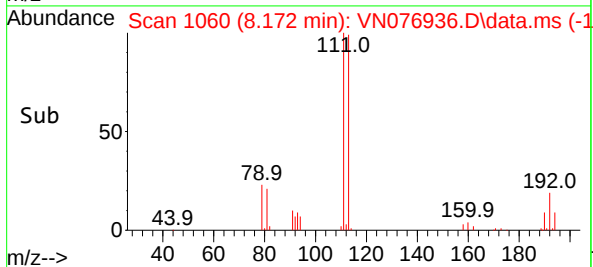
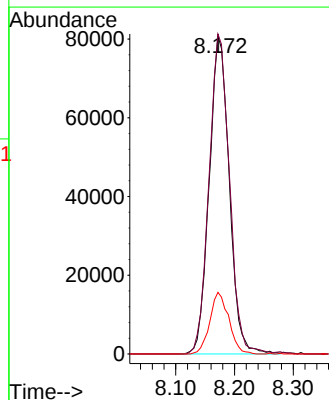
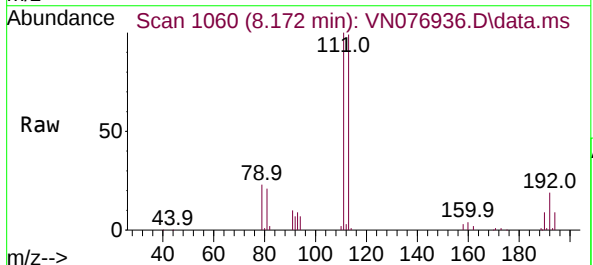
Instrument :
MSVOA_N
ClientSampleId :
TB-01-030823

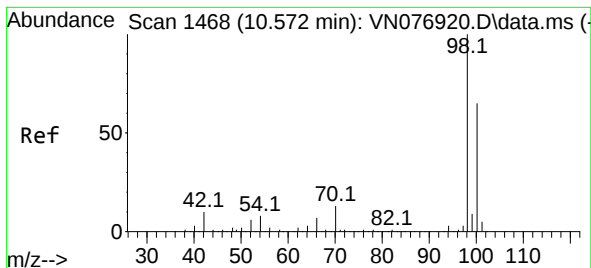
Tgt Ion:114 Resp: 609339
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 17.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 47.126 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion:113 Resp: 191379
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 18.4 13.9 20.9





#50

Toluene-d8

Concen: 48.286 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076936.D

Acq: 10 Mar 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

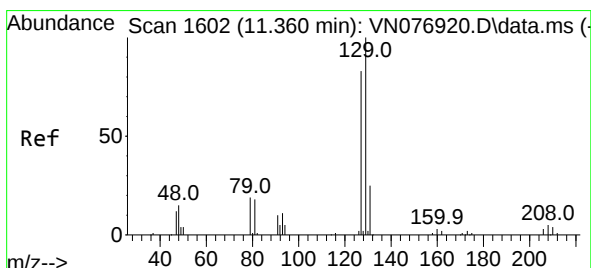
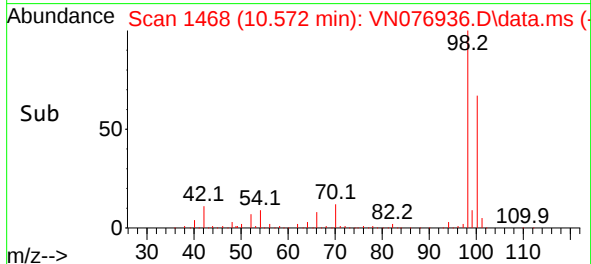
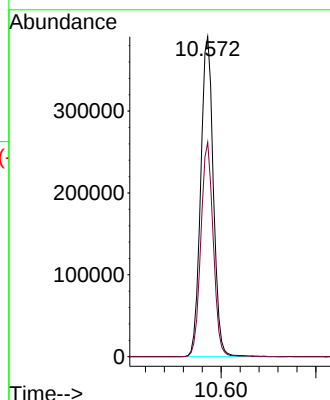
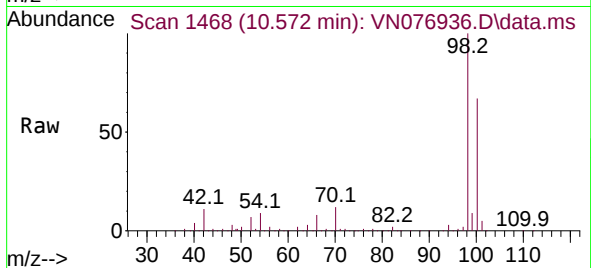
TB-01-030823

Tgt Ion: 98 Resp: 722686

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



#60

Dibromochloromethane

Concen: 0.384 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN076936.D

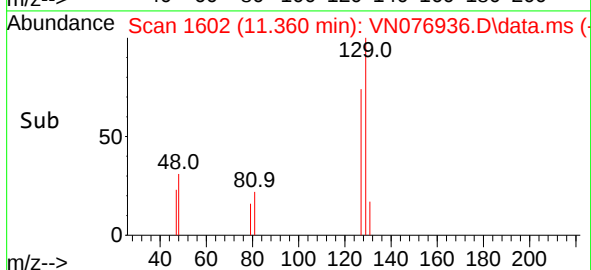
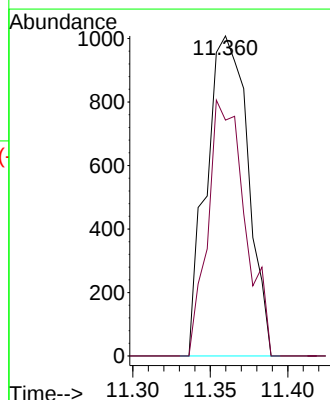
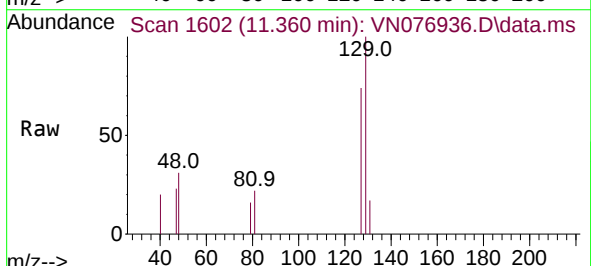
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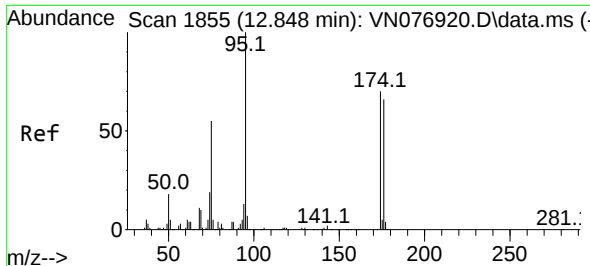
Tgt Ion:129 Resp: 1876

Ion Ratio Lower Upper

129 100

127 71.8 39.6 118.8

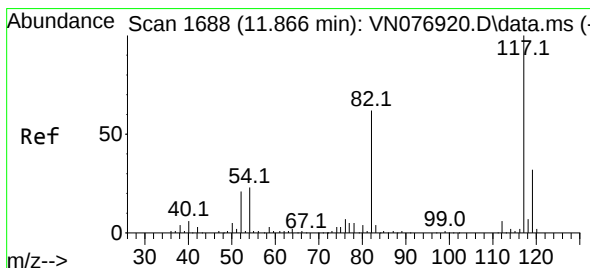
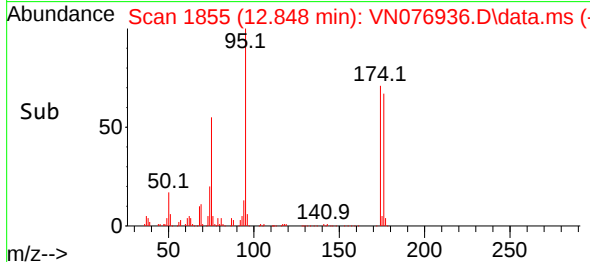
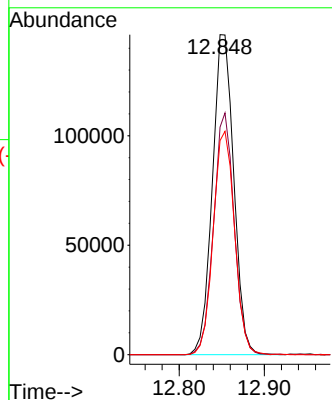
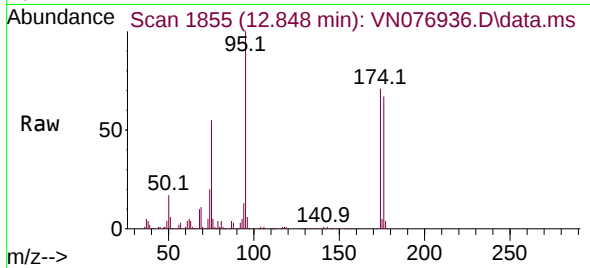




#62
4-Bromofluorobenzene
Concen: 46.479 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

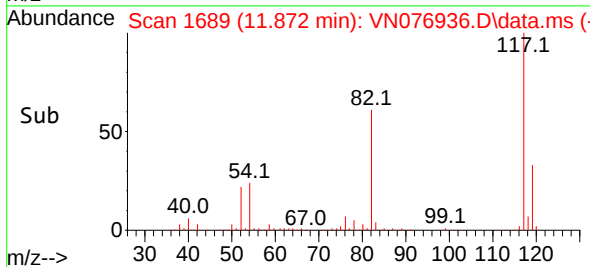
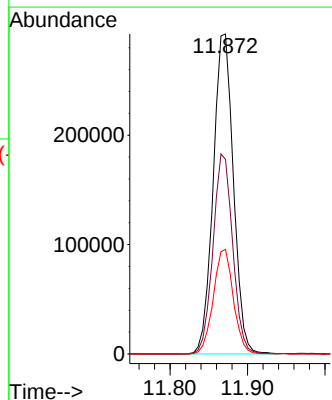
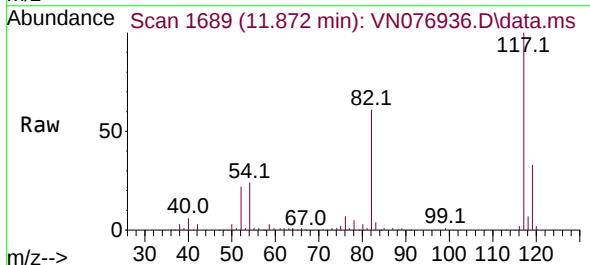
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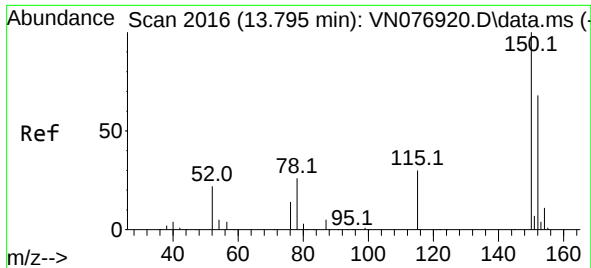
Tgt Ion: 95 Resp: 254447
Ion Ratio Lower Upper
95 100
174 72.7 0.0 162.4
176 69.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076936.D
Acq: 10 Mar 2023 20:02

Tgt Ion: 117 Resp: 530160
Ion Ratio Lower Upper
117 100
82 60.8 43.5 65.3
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN076936.D

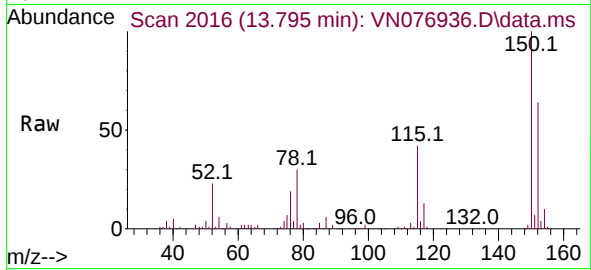
Acq: 10 Mar 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

TB-01-030823



Tgt Ion:152 Resp: 223404

Ion Ratio Lower Upper

152 100

115 65.3 30.3 90.9

150 154.7 0.0 353.6

