

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076967.D
 Acq On : 13 Mar 2023 17:21
 Operator : JC\MD
 Sample : 01880-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20230309

Quant Time: Mar 14 07:04:59 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)

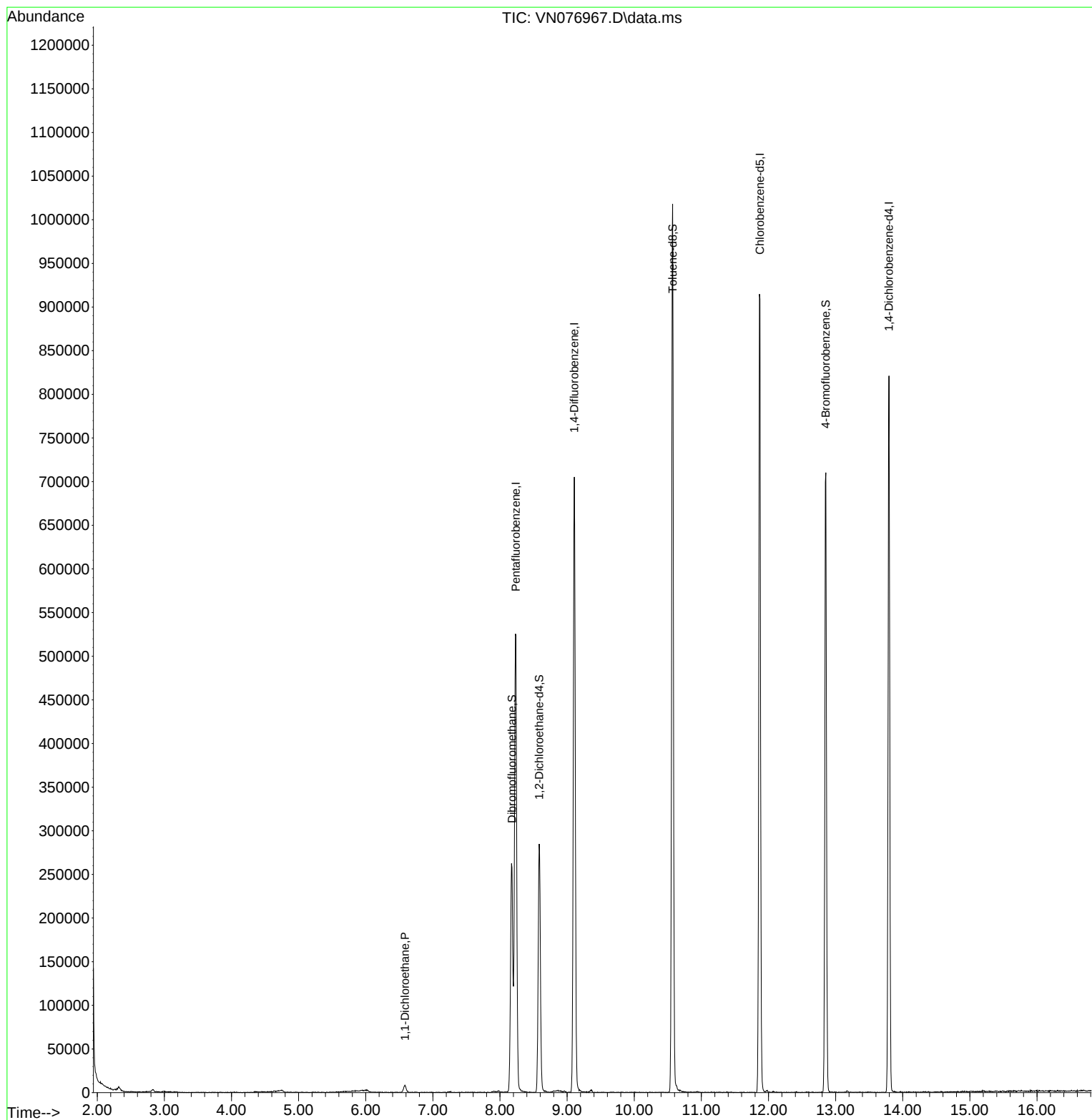
Internal Standards						
1) Pentafluorobenzene	8.236	168	375675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	600108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261084	46.571	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.140%
35) Dibromofluoromethane	8.178	113	186019	46.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	10.572	98	713151	48.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.854	95	253214	46.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.940%
Target Compounds						
					Qvalue	
24) 1,1-Dichloroethane	6.584	63	11627	1.381	ug/l #	89

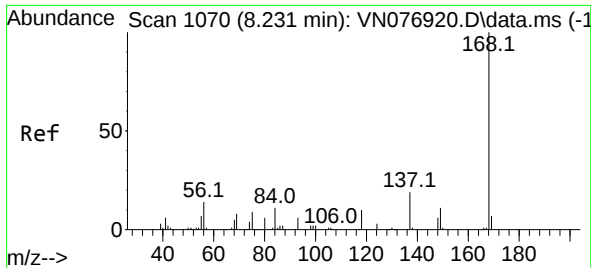
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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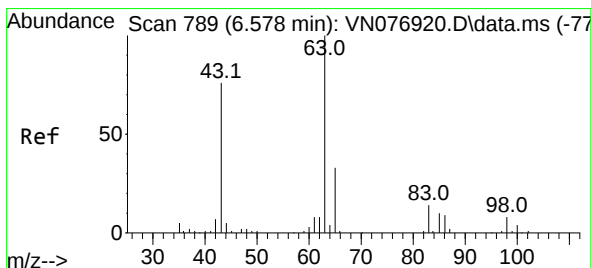
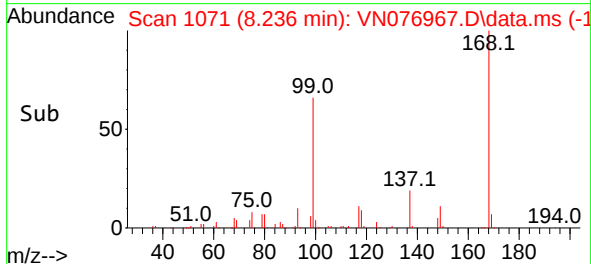
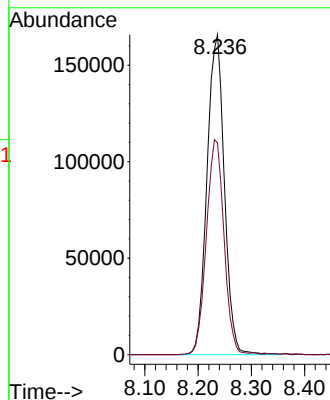
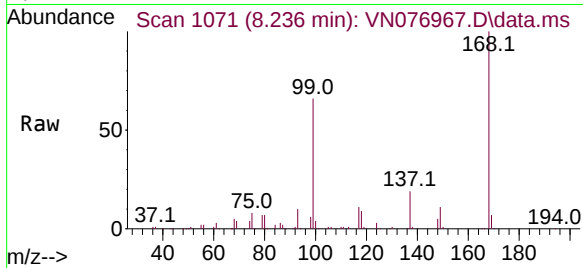




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

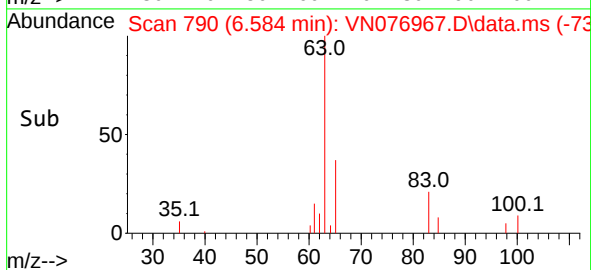
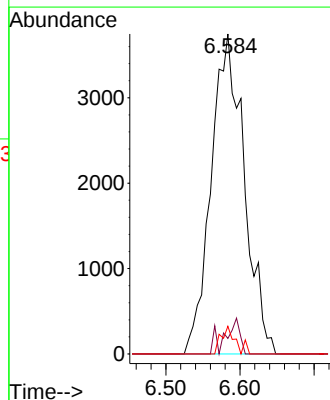
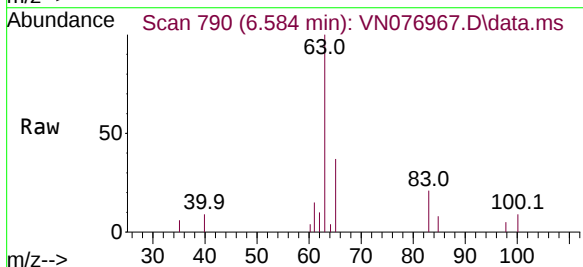
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

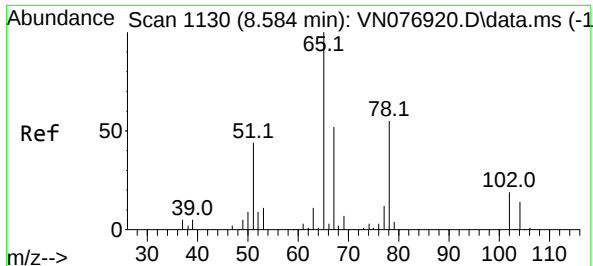
Tgt Ion:168 Resp: 375675
Ion Ratio Lower Upper
168 100
99 66.1 48.6 73.0



#24
1,1-Dichloroethane
Concen: 1.381 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 63 Resp: 11627
Ion Ratio Lower Upper
63 100
98 4.9 4.2 12.6
100 8.7 2.2 6.6#





#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

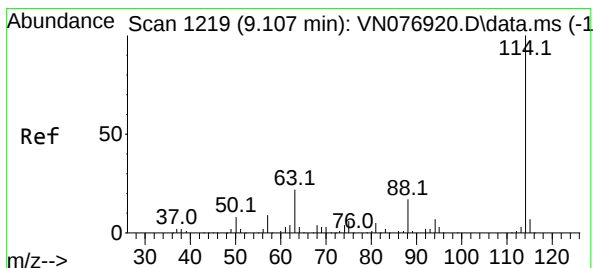
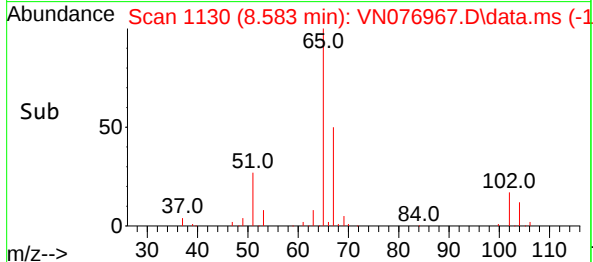
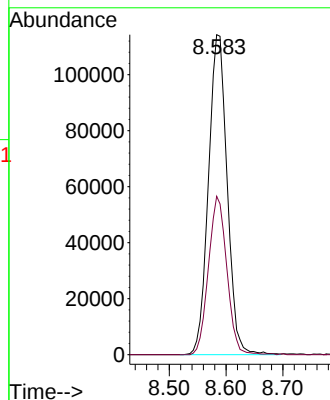
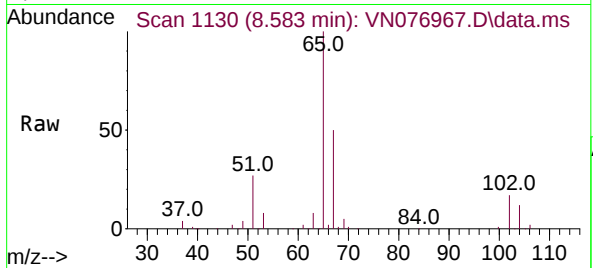
TT158S1-20230309

Tgt Ion: 65 Resp: 261084

Ion Ratio Lower Upper

65 100

67 48.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

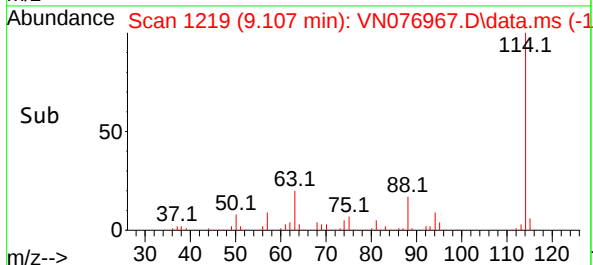
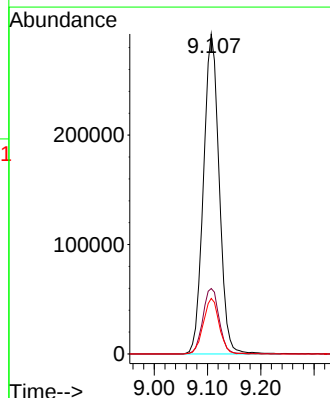
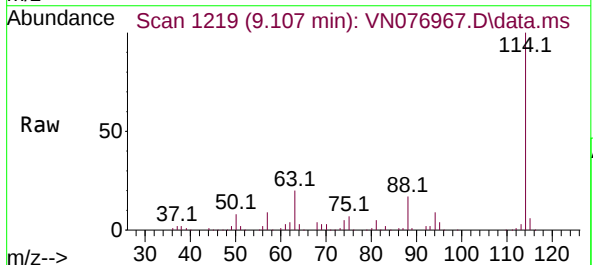
Tgt Ion: 114 Resp: 600108

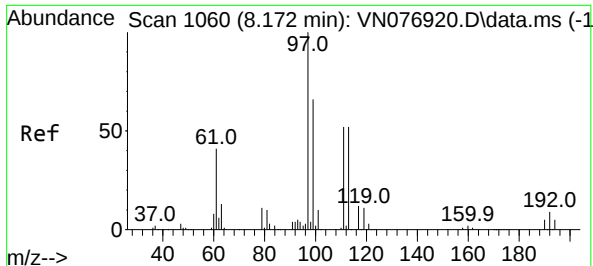
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 17.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.510 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20230309

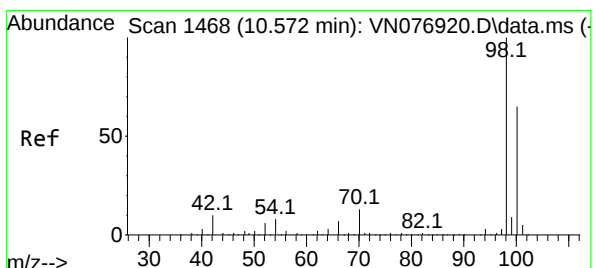
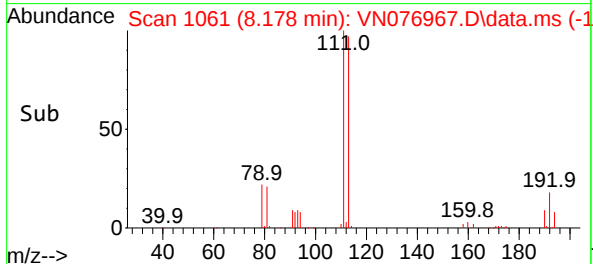
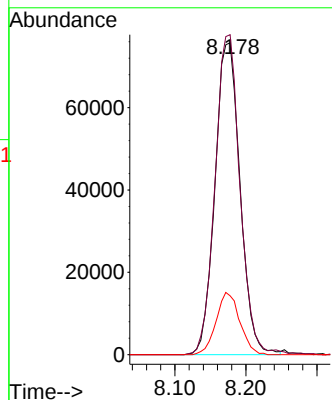
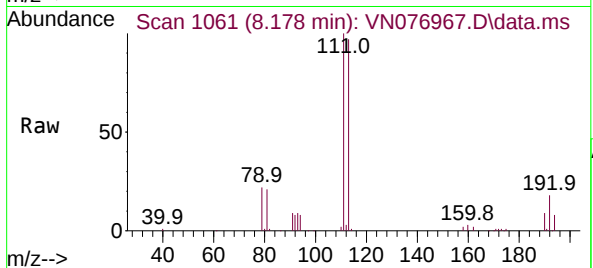
Tgt Ion:113 Resp: 186019

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.8 13.9 20.9



#50

Toluene-d8

Concen: 48.381 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076967.D

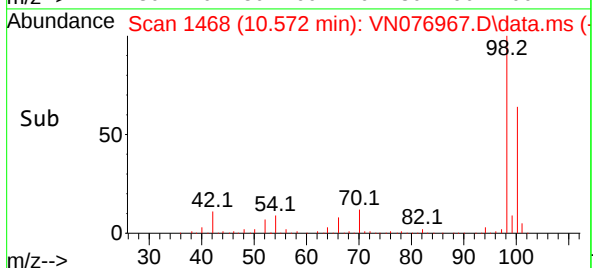
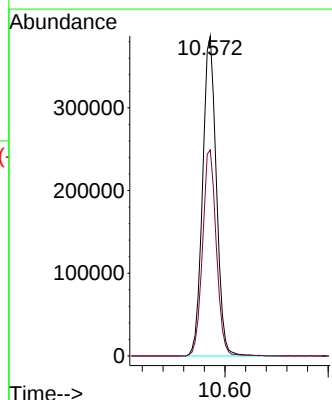
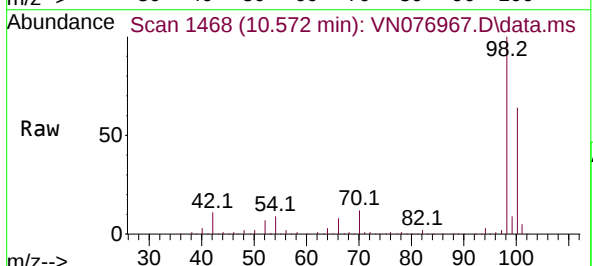
Acq: 13 Mar 2023 17:21

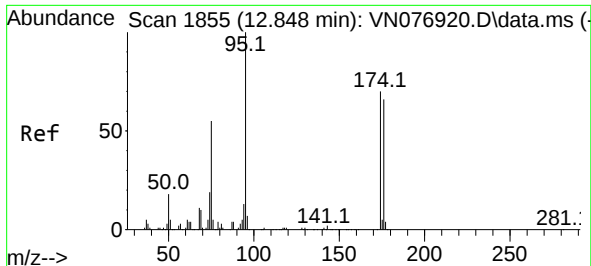
Tgt Ion: 98 Resp: 713151

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2

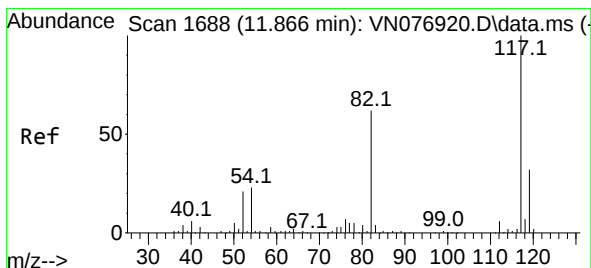
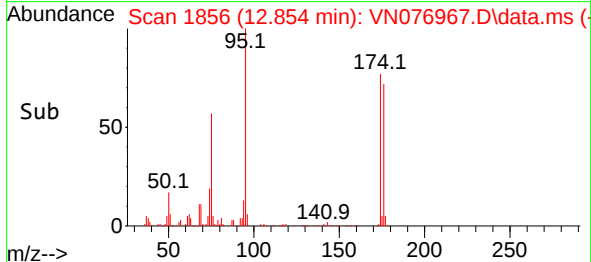
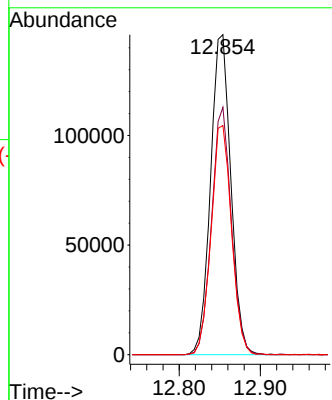
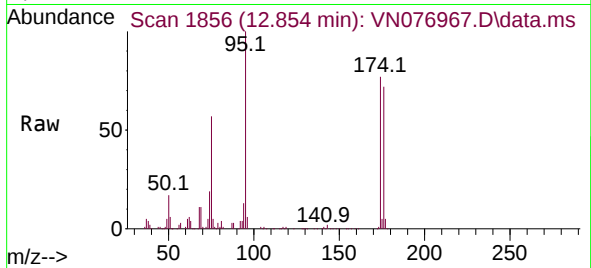




#62
4-Bromofluorobenzene
Concen: 46.966 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

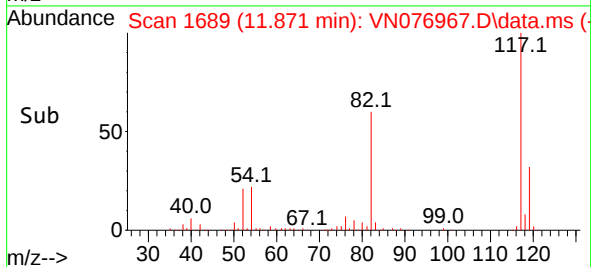
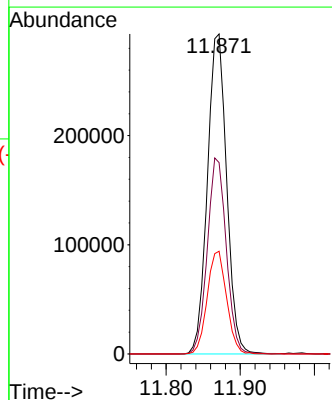
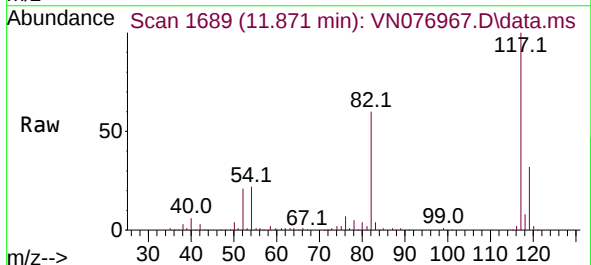
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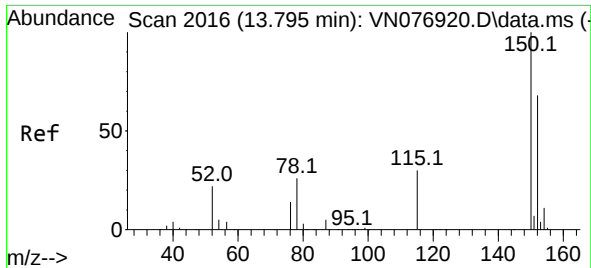
Tgt Ion: 95 Resp: 253214
Ion Ratio Lower Upper
95 100
174 75.4 0.0 162.4
176 72.1 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

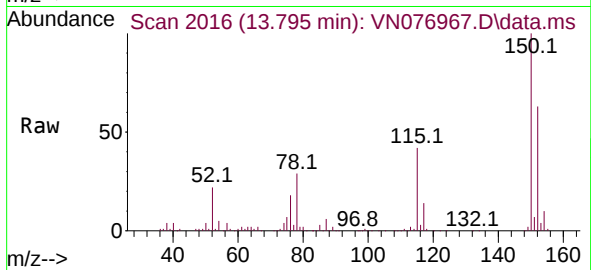
Tgt Ion: 117 Resp: 529343
Ion Ratio Lower Upper
117 100
82 59.8 43.5 65.3
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076967.D
 Acq: 13 Mar 2023 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20230309



Tgt Ion:152 Resp: 216601
 Ion Ratio Lower Upper
 152 100
 115 66.6 30.3 90.9
 150 157.5 0.0 353.6

