

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076789.D
 Acq On : 23 Feb 2023 13:22
 Operator : JC\MD
 Sample : 01664-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Feb 24 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	489998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	163394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196358	51.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.780%	
35) Dibromofluoromethane	8.172	113	152938	47.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.320%	
50) Toluene-d8	10.571	98	591699	49.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.854	95	173449	43.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.400%	

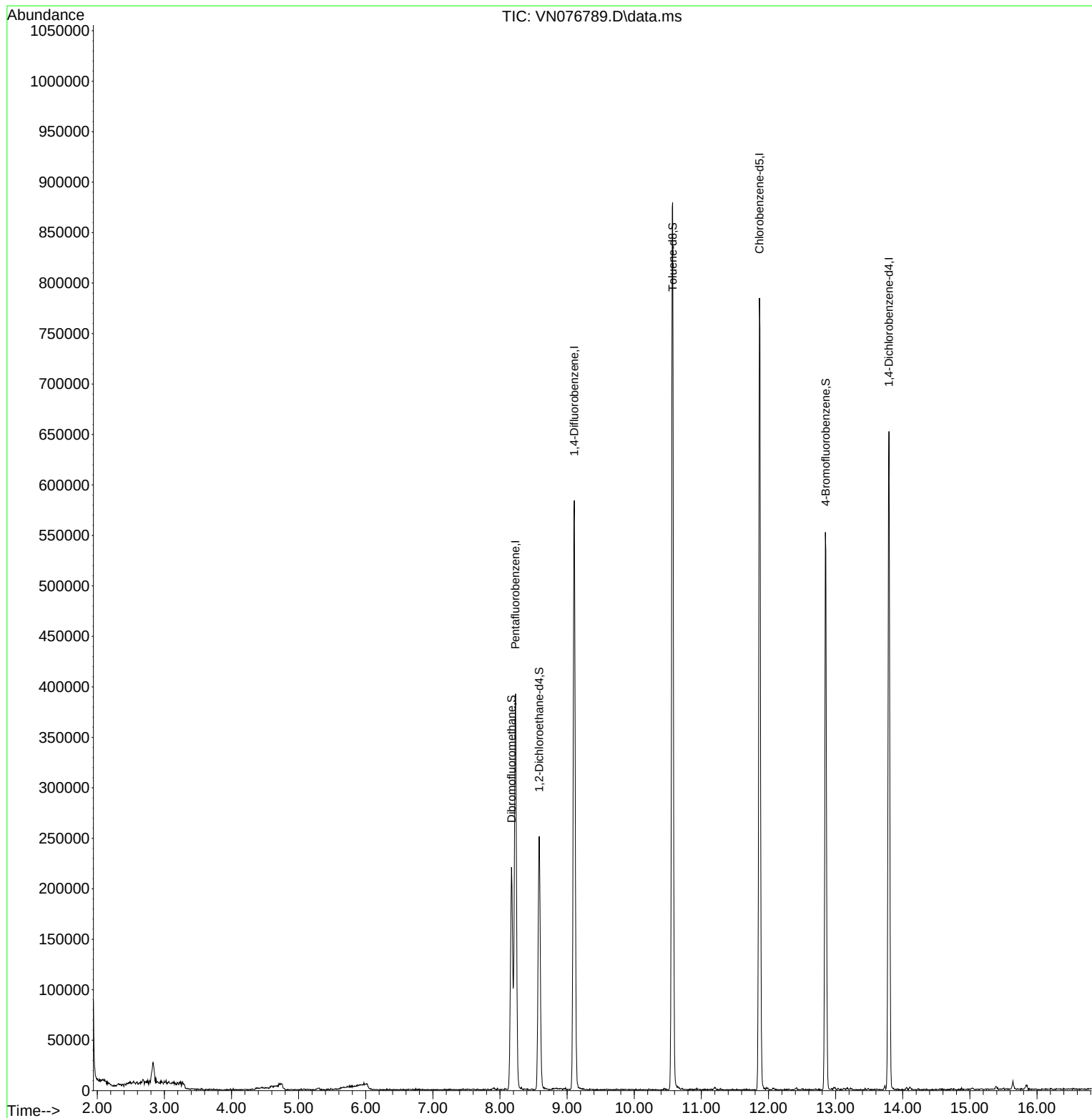
Target Compounds	Qvalue

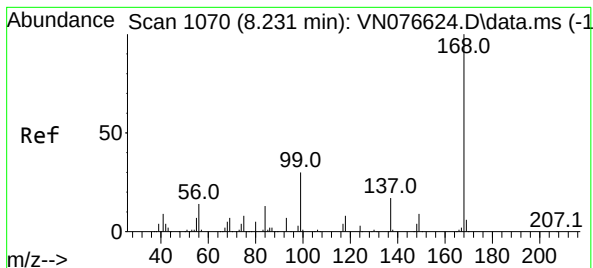
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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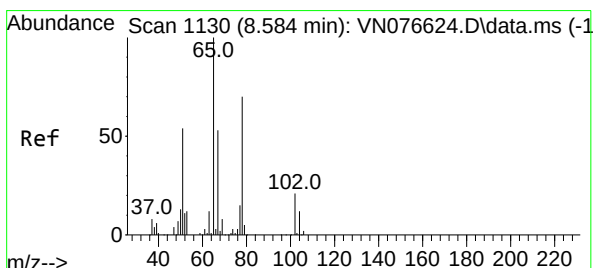
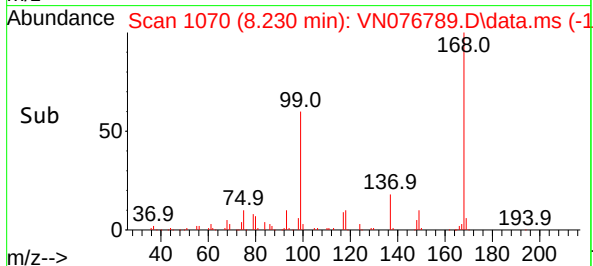
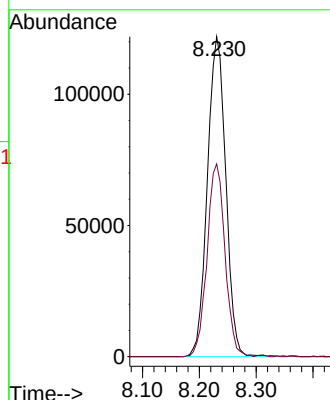
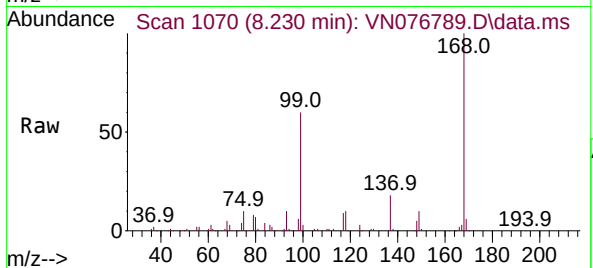




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

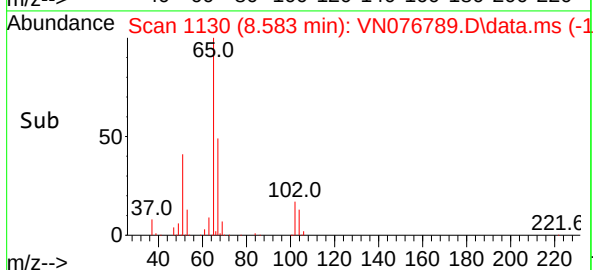
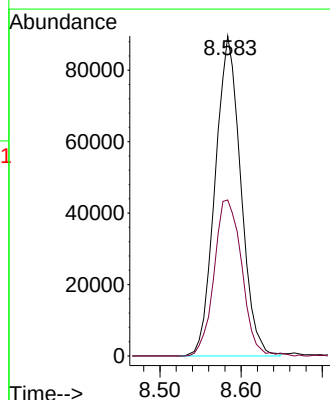
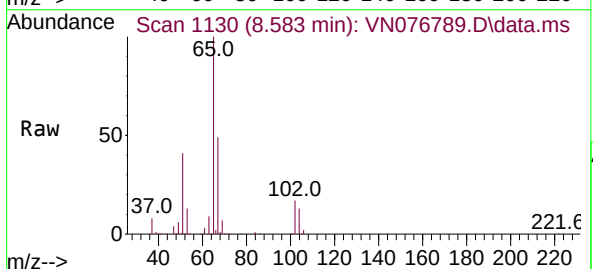
Instrument :
MSVOA_N
ClientSampleId :
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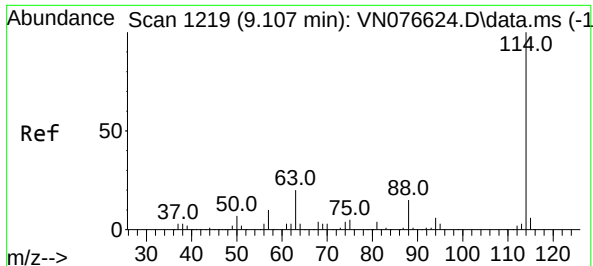
Tgt Ion:168 Resp: 274063
Ion Ratio Lower Upper
168 100
99 60.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.886 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

Tgt Ion: 65 Resp: 196358
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076789.D

Acq: 23 Feb 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

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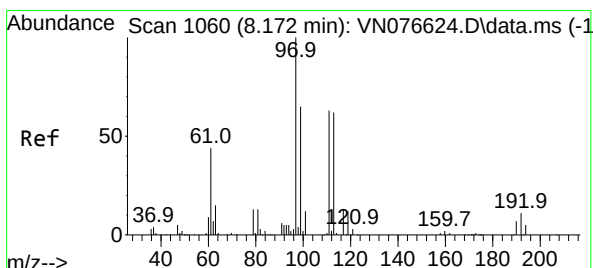
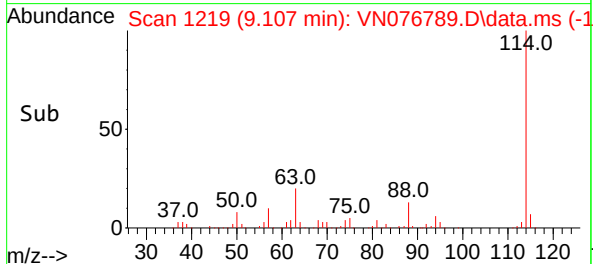
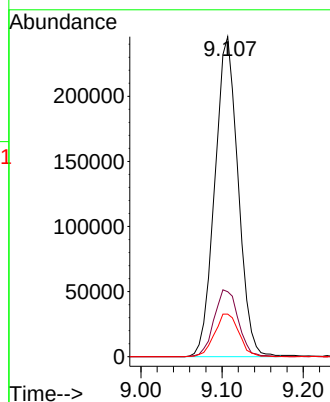
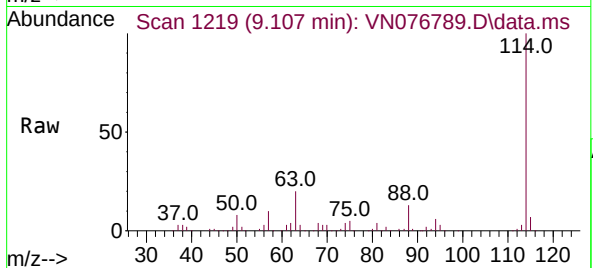
Tgt Ion:114 Resp: 489998

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 13.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.660 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076789.D

Acq: 23 Feb 2023 13:22

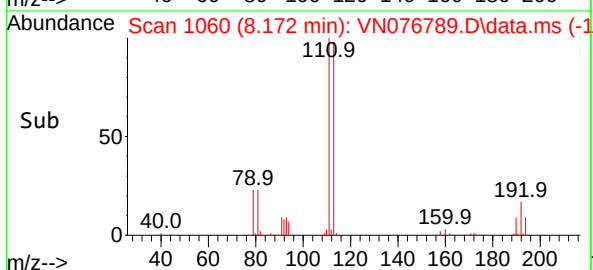
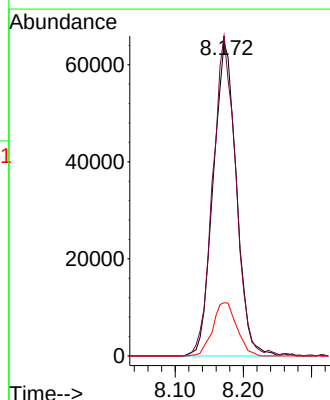
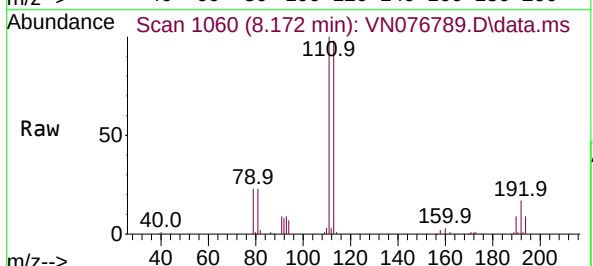
Tgt Ion:113 Resp: 152938

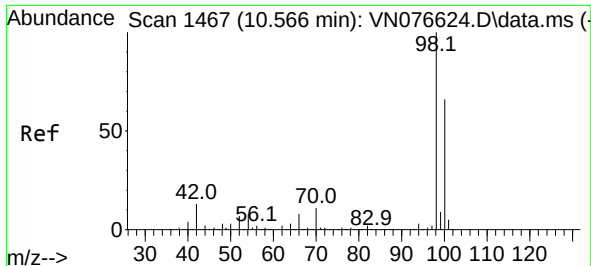
Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

192 17.6 15.6 23.4

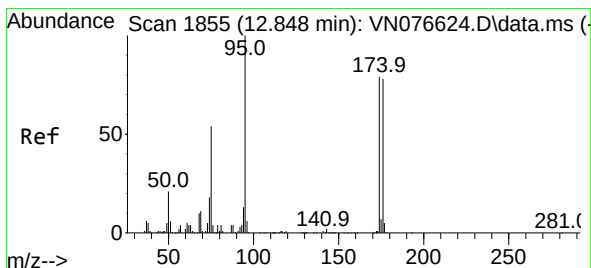
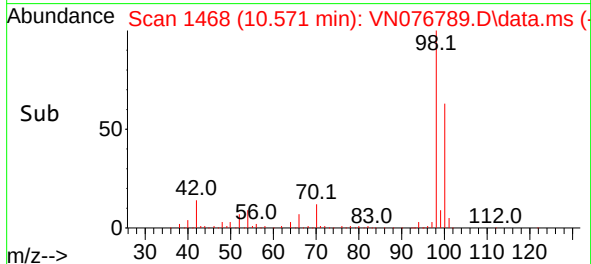
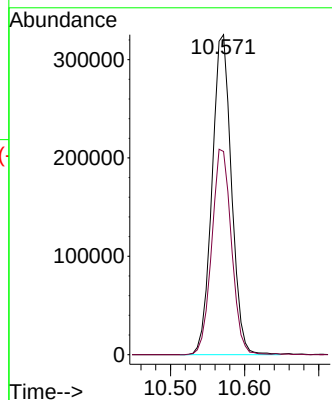
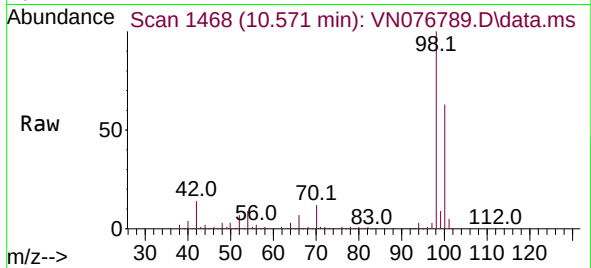




#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

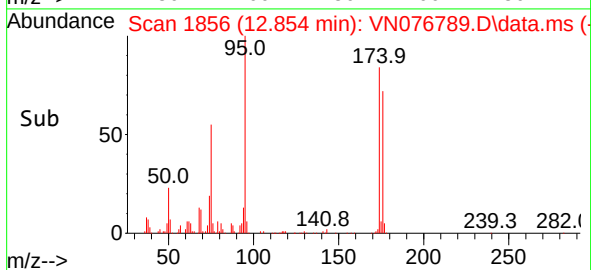
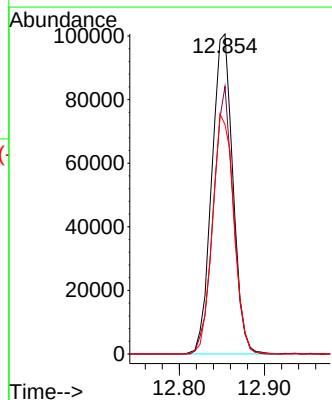
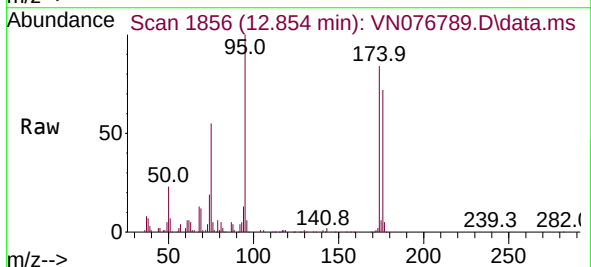
Instrument :
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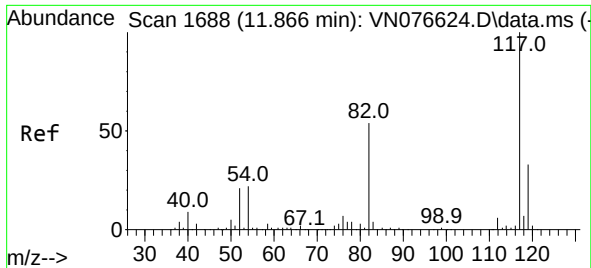
Tgt Ion: 98 Resp: 591699
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.700 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

Tgt Ion: 95 Resp: 173449
Ion Ratio Lower Upper
95 100
174 78.8 0.0 169.2
176 75.9 0.0 163.4

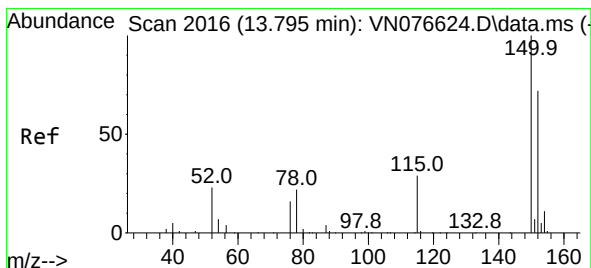
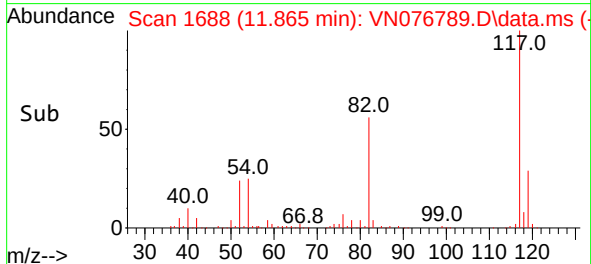
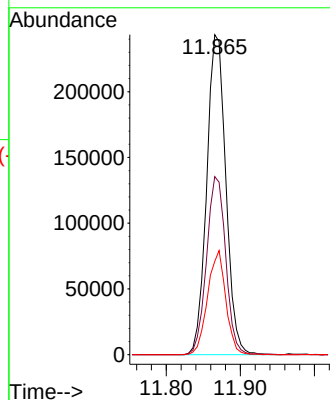
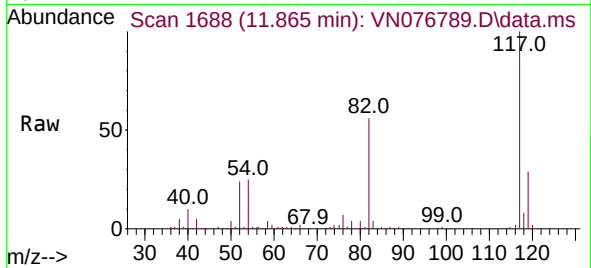




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 436149
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 29.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076789.D
Acq: 23 Feb 2023 13:22

Tgt Ion:152 Resp: 163394
Ion Ratio Lower Upper
152 100
115 60.2 29.3 87.9
150 161.7 0.0 349.8

