

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076641.D
 Acq On : 13 Feb 2023 20:44
 Operator : JC\MD
 Sample : 01536-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 14 05:27:42 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	317467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	575182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	507985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	198672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222935	50.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.700%
35) Dibromofluoromethane	8.172	113	180896	48.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.571	98	688216	48.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.854	95	210513	45.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.360%

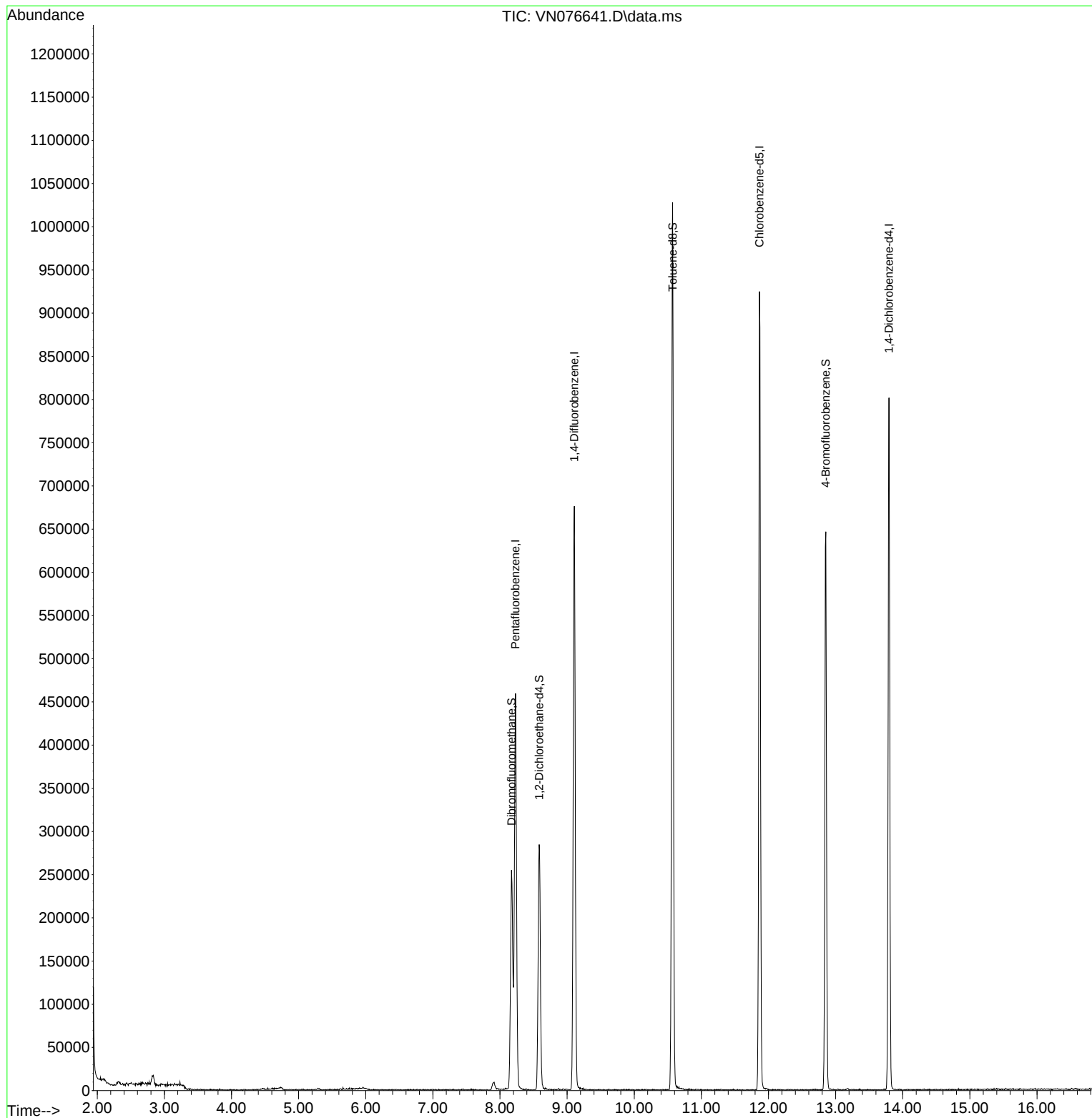
Target Compounds	Qvalue

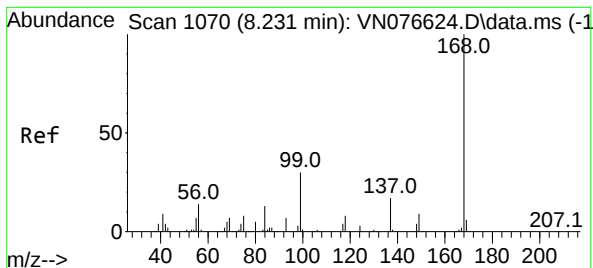
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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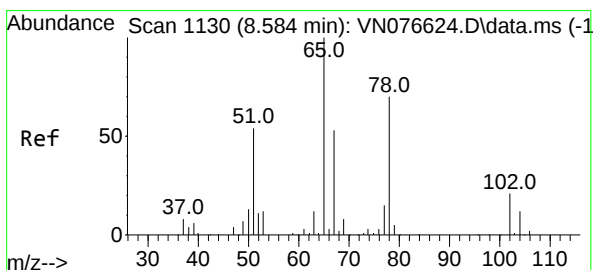
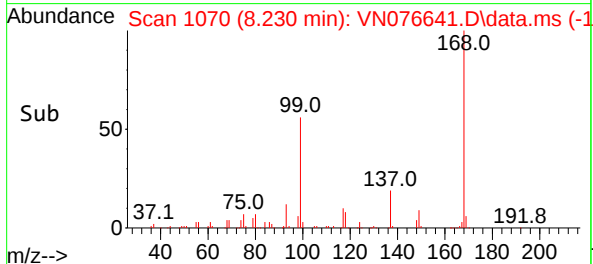
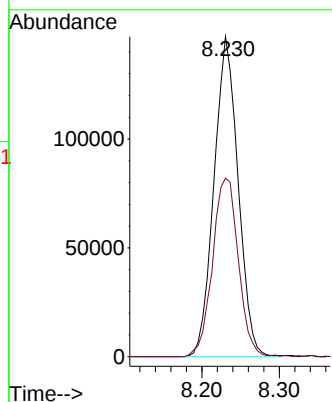
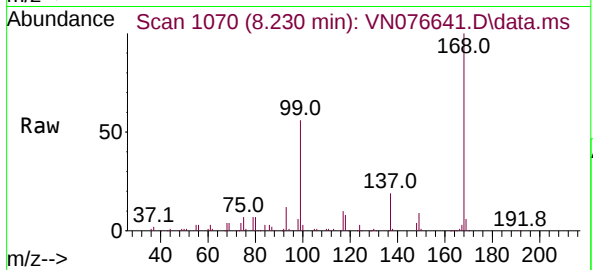




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076641.D
Acq: 13 Feb 2023 20:44

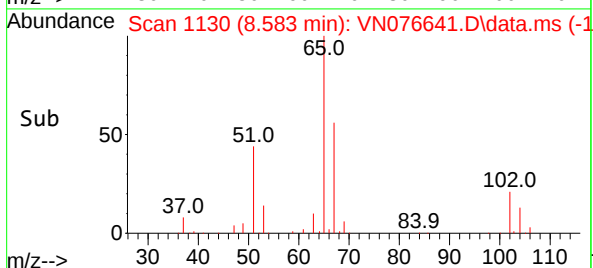
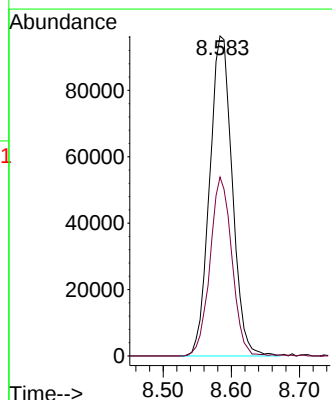
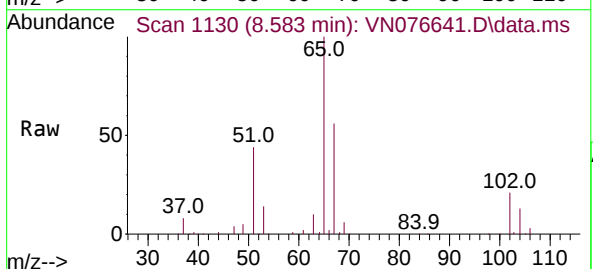
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

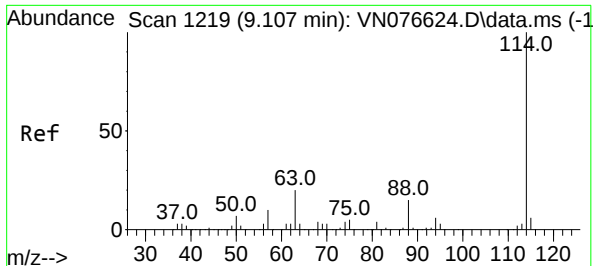
Tgt Ion:168 Resp: 317467
Ion Ratio Lower Upper
168 100
99 55.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.855 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076641.D
Acq: 13 Feb 2023 20:44

Tgt Ion: 65 Resp: 222935
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076641.D

Acq: 13 Feb 2023 20:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

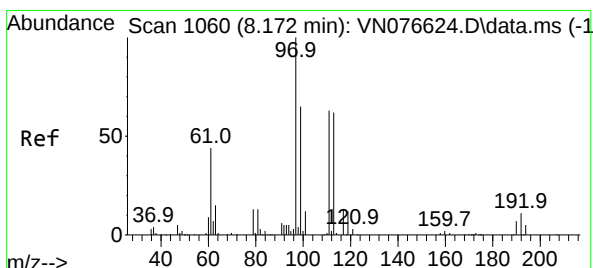
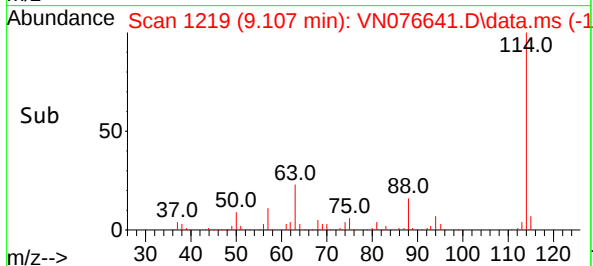
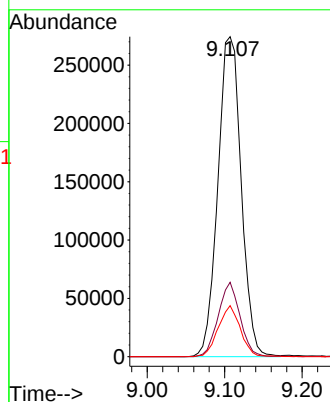
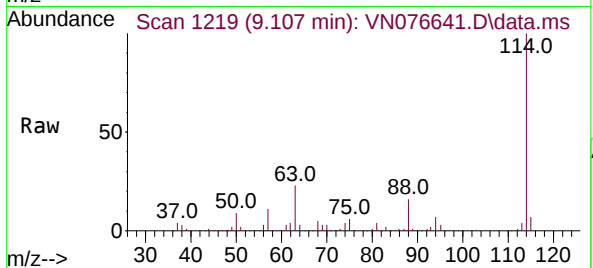
Tgt Ion:114 Resp: 575182

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 15.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.024 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076641.D

Acq: 13 Feb 2023 20:44

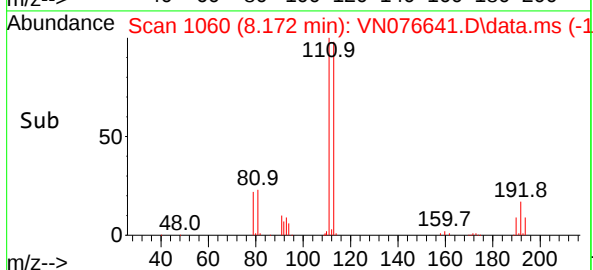
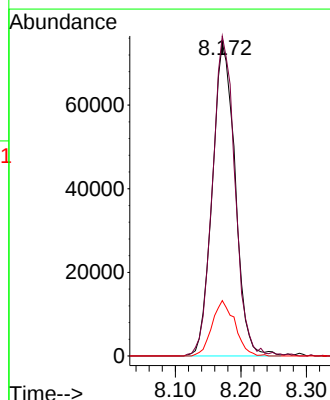
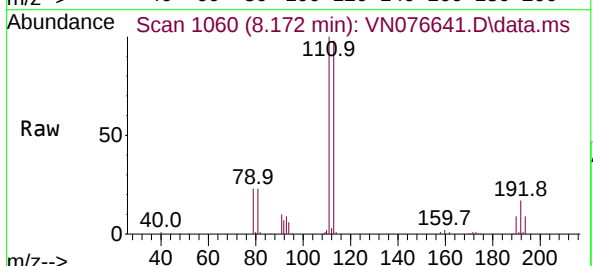
Tgt Ion:113 Resp: 180896

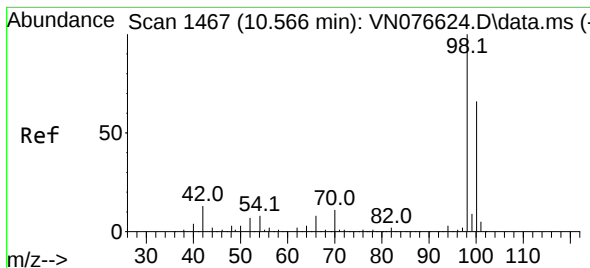
Ion Ratio Lower Upper

113 100

111 100.3 83.1 124.7

192 17.8 15.6 23.4





#50

Toluene-d8

Concen: 48.924 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076641.D

Acq: 13 Feb 2023 20:44

Instrument :

MSVOA_N

ClientSampleId :

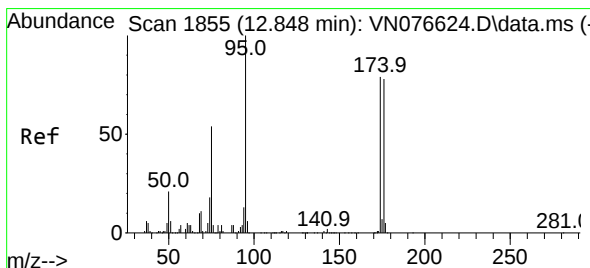
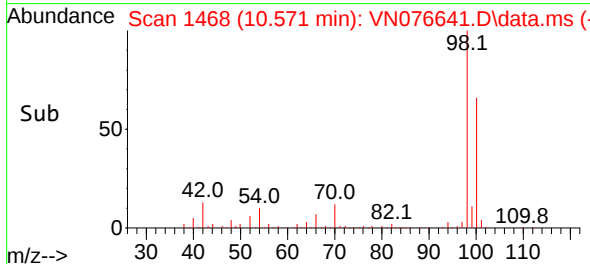
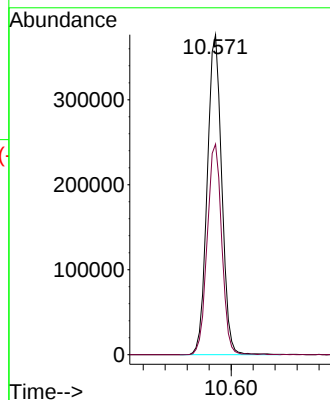
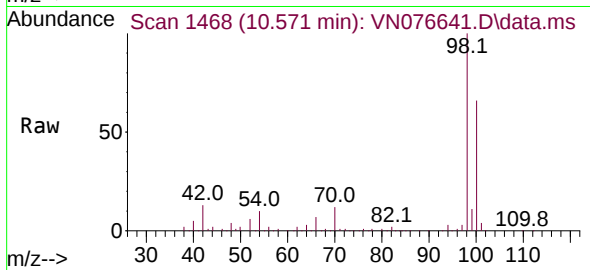
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 688216

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.183 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076641.D

Acq: 13 Feb 2023 20:44

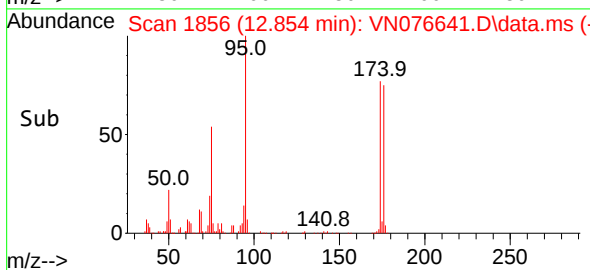
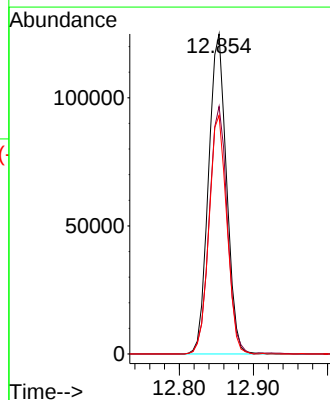
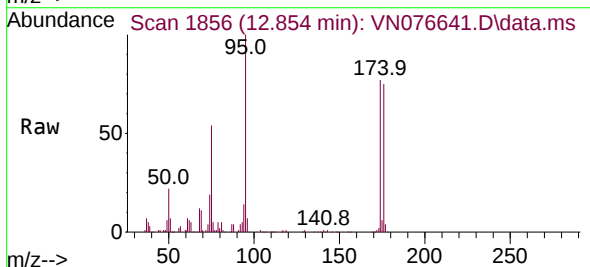
Tgt Ion: 95 Resp: 210513

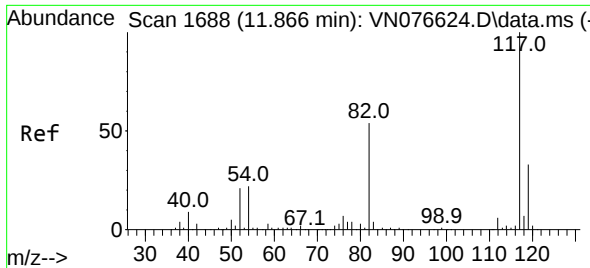
Ion Ratio Lower Upper

95 100

174 77.3 0.0 169.2

176 73.9 0.0 163.4

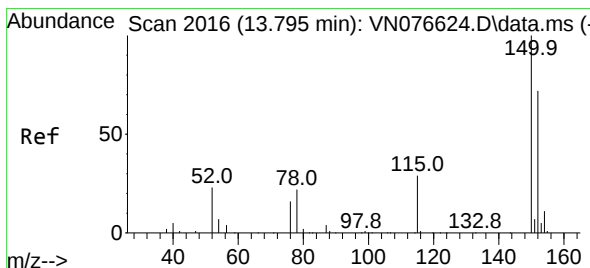
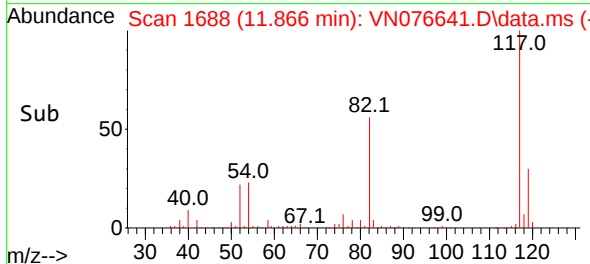
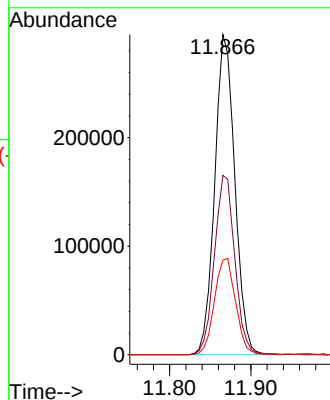
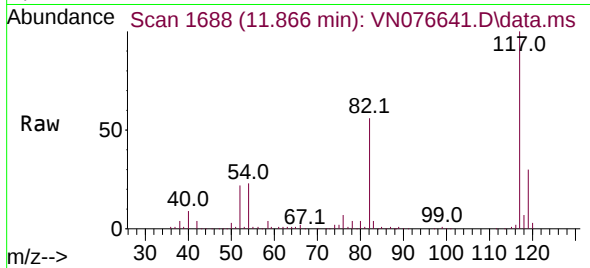




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076641.D
Acq: 13 Feb 2023 20:44

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Tgt Ion:117 Resp: 507985
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.2
119 29.6 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: VN076641.D
Acq: 13 Feb 2023 20:44

Tgt Ion:152 Resp: 198672
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.9
150 159.5 0.0 349.8

