

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076640.D
 Acq On : 13 Feb 2023 20:20
 Operator : JC\MD
 Sample : 01536-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 14 05:27:20 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	8.231	168	322155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	590126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	499906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	200698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	224667	50.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.000%
35) Dibromofluoromethane	8.172	113	179566	46.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.572	98	699408	48.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.854	95	209828	43.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.800%

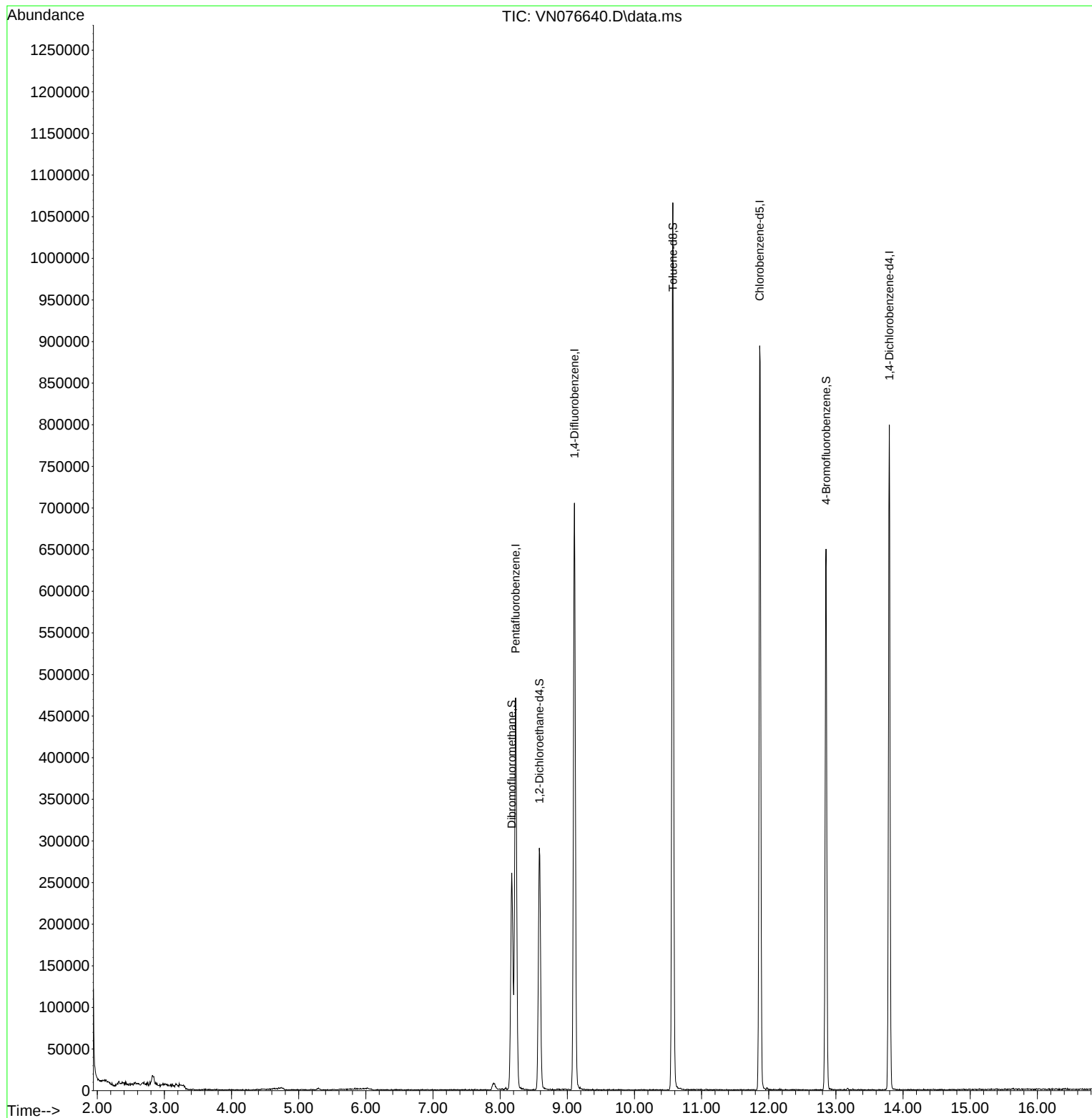
Target Compounds	Qvalue

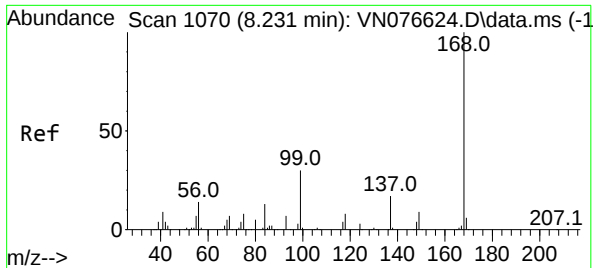
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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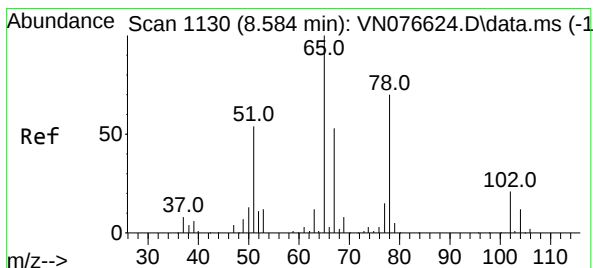
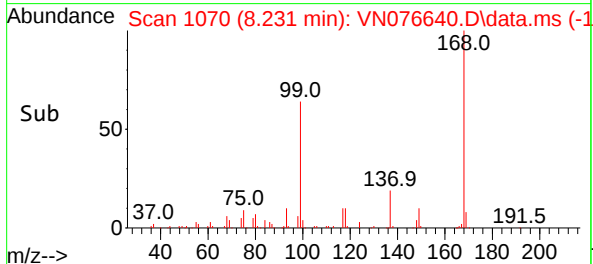
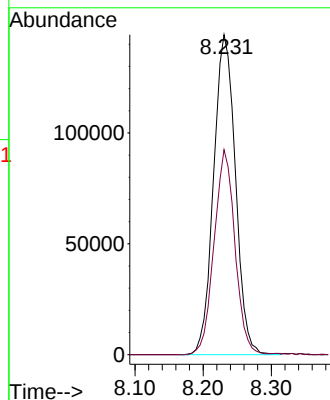
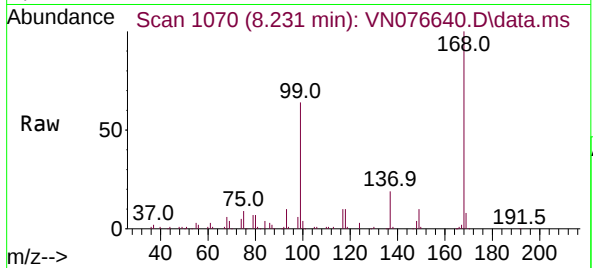




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

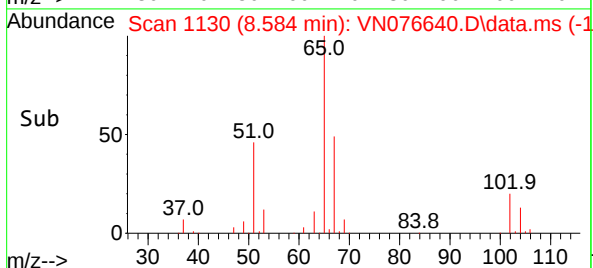
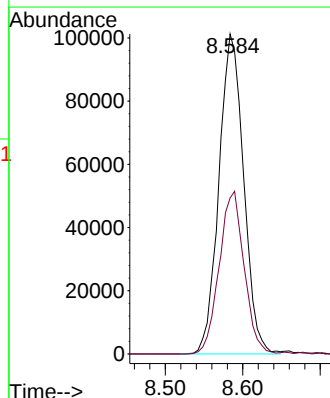
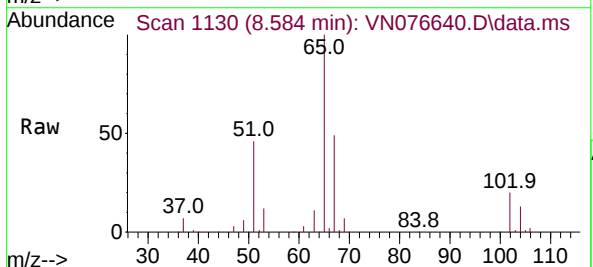
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

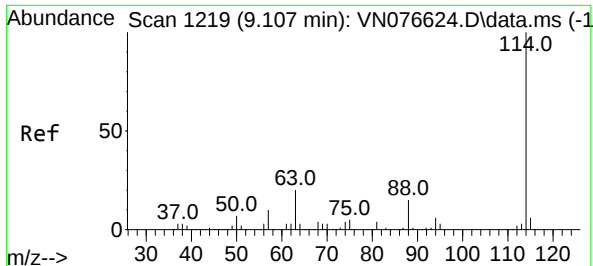
Tgt Ion:168 Resp: 322155
Ion Ratio Lower Upper
168 100
99 64.1 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.504 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 65 Resp: 224667
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076640.D

Acq: 13 Feb 2023 20:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

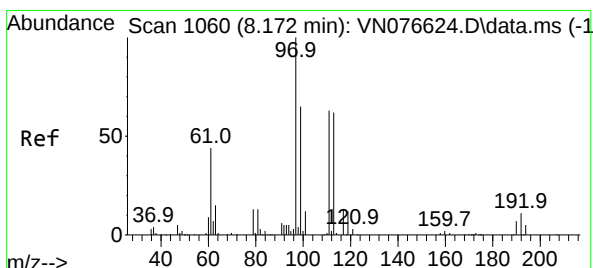
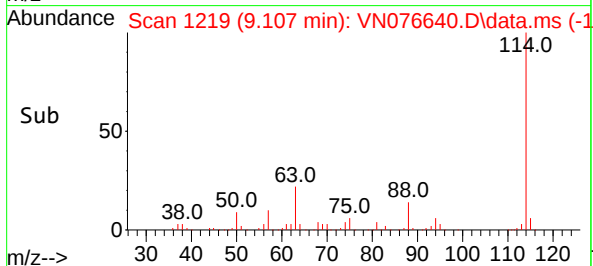
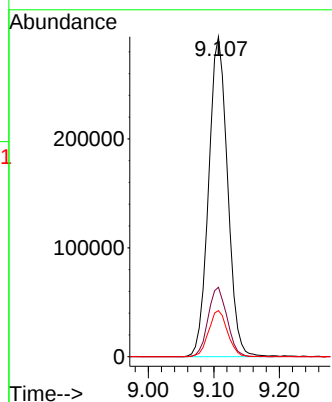
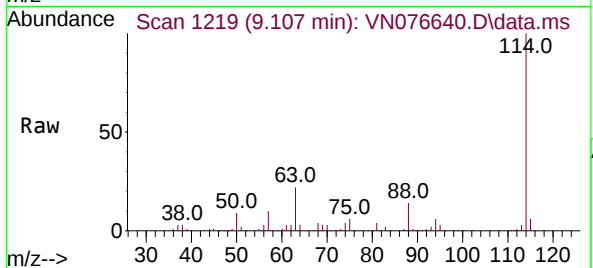
Tgt Ion:114 Resp: 590126

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076640.D

Acq: 13 Feb 2023 20:20

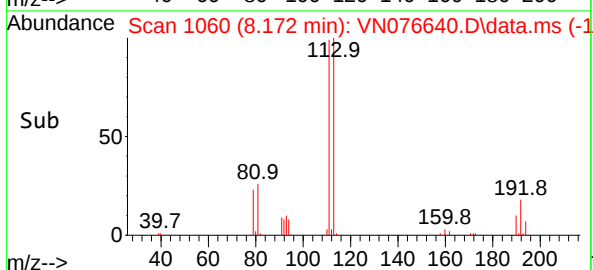
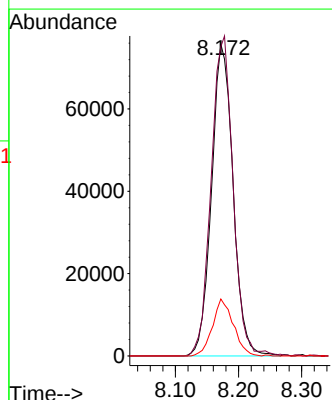
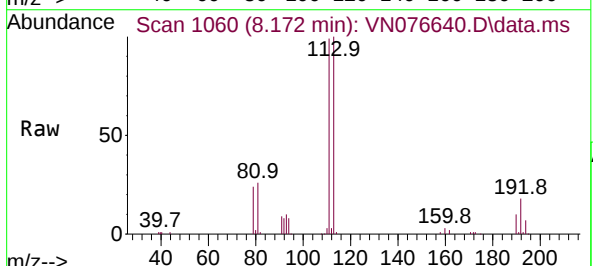
Tgt Ion:113 Resp: 179566

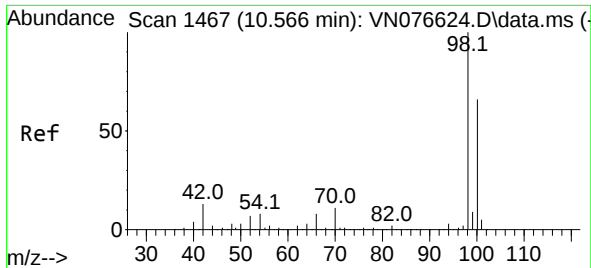
Ion Ratio Lower Upper

113 100

111 104.5 83.1 124.7

192 17.7 15.6 23.4

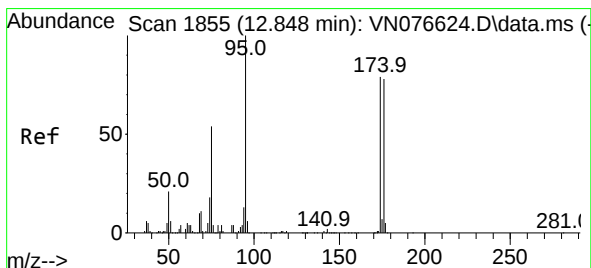
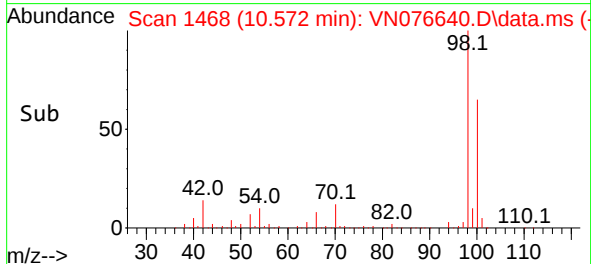
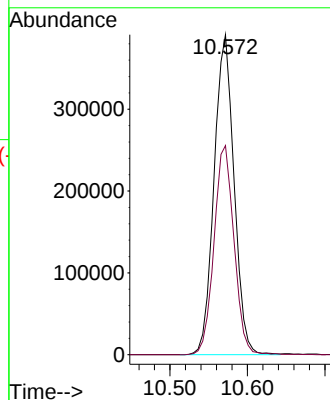
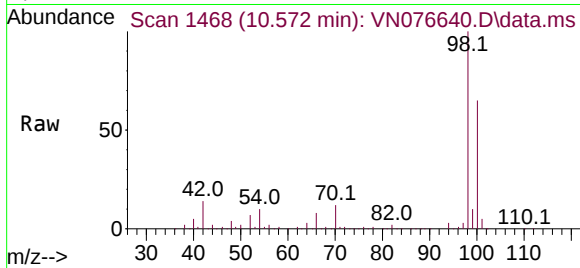




#50
Toluene-d8
Concen: 48.460 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

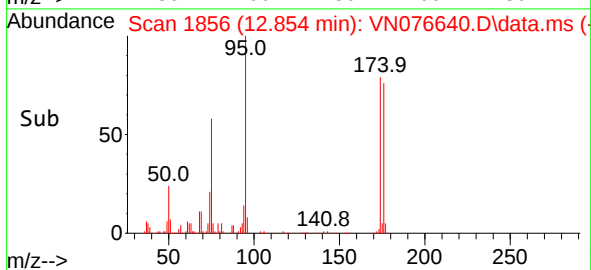
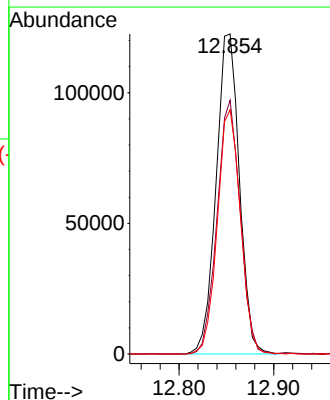
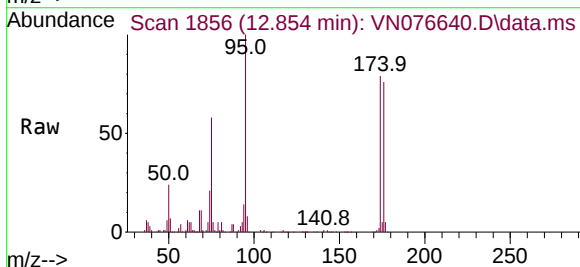
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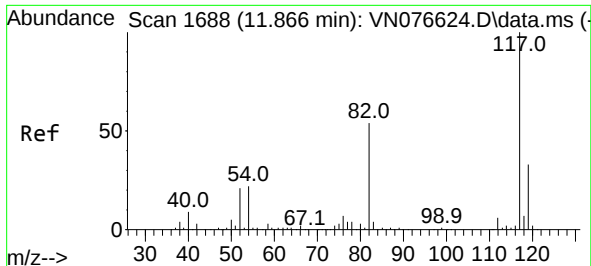
Tgt Ion: 98 Resp: 699408
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.896 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion: 95 Resp: 209828
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.2
176 75.4 0.0 163.4

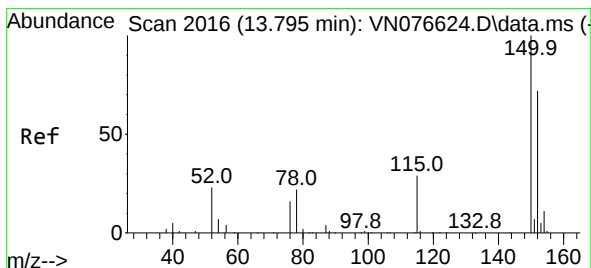
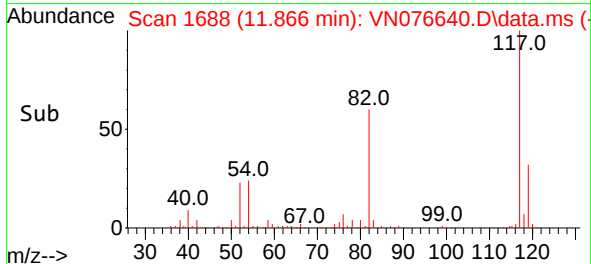
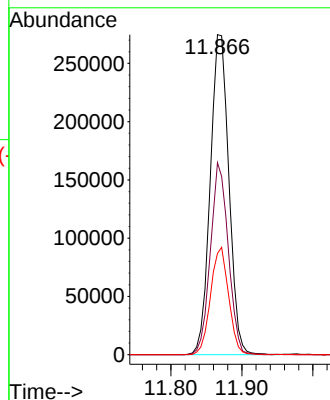
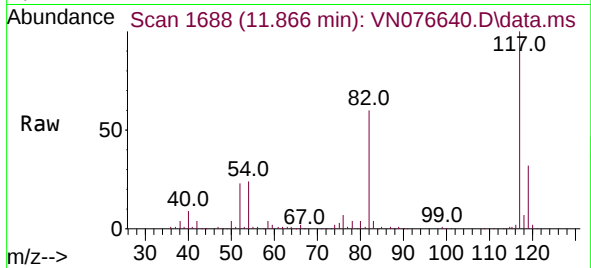




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076640.D
Acq: 13 Feb 2023 20:20

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 499906
Ion Ratio Lower Upper
117 100
82 60.0 43.4 65.2
119 31.7 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: VN076640.D
Acq: 13 Feb 2023 20:20

Tgt Ion:152 Resp: 200698
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 158.0 0.0 349.8

