

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076772.D
 Acq On : 22 Feb 2023 15:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 22 15:59:01 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	304003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	536816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	470530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	180434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	215986	51.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.172	113	163467	46.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	10.572	98	659180	50.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.848	95	189673	43.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.240%

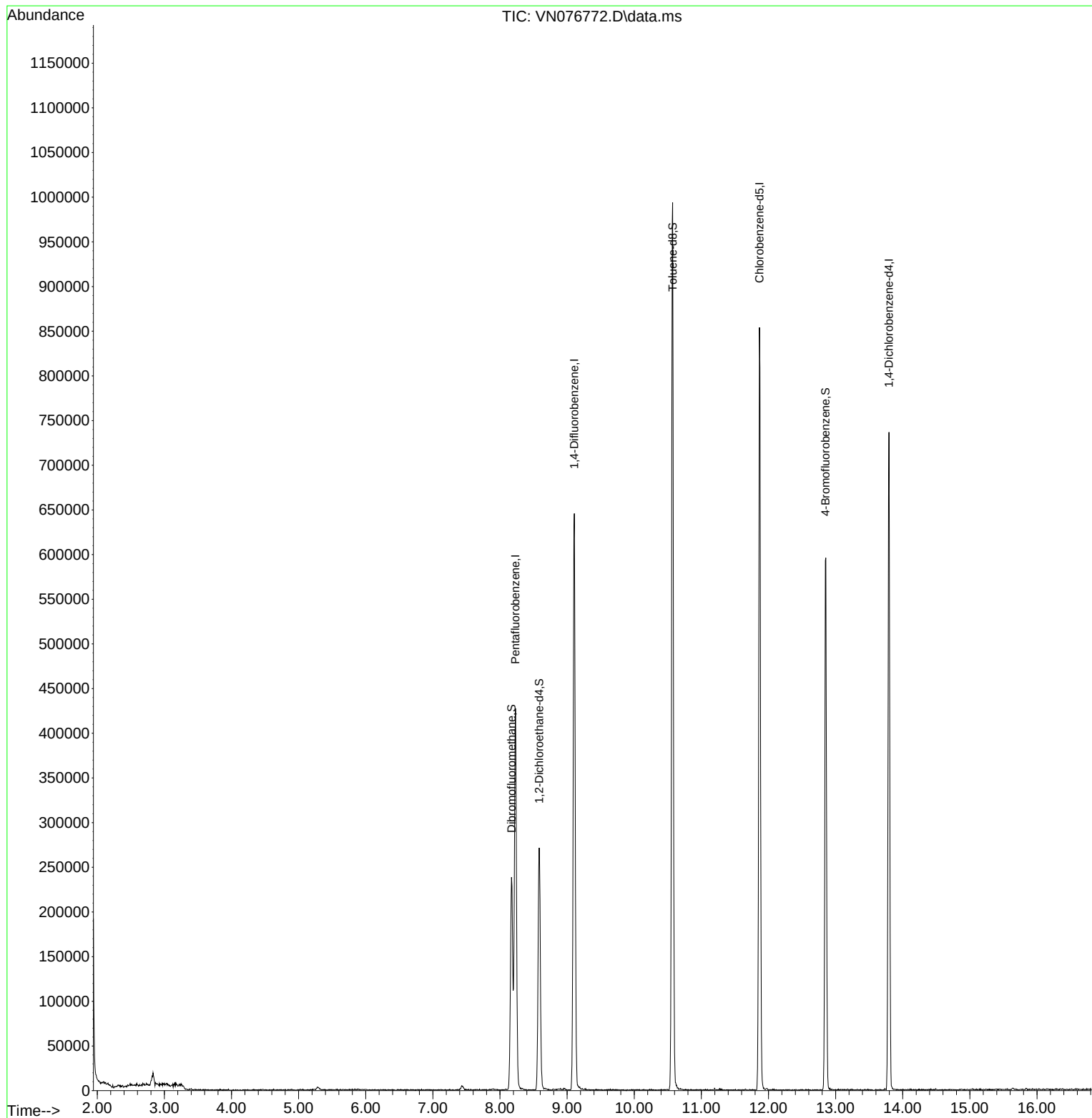
Target Compounds	Qvalue

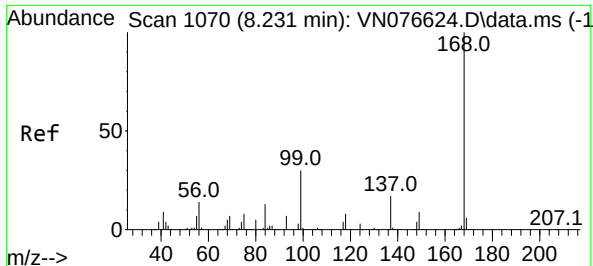
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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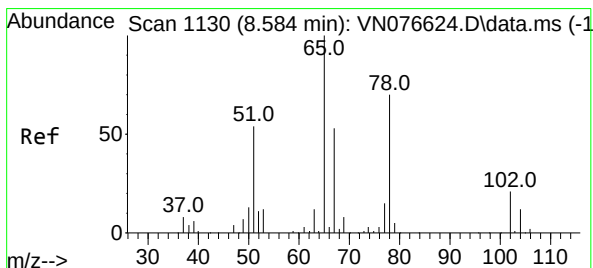
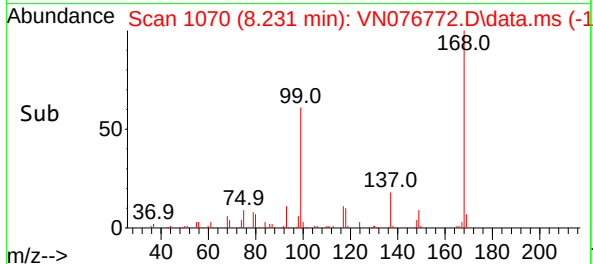
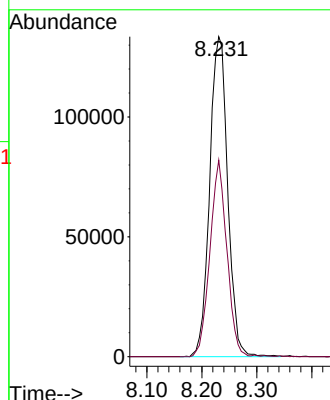
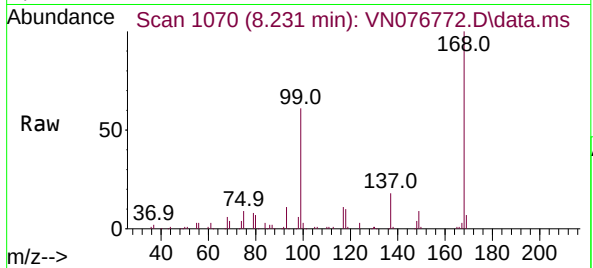




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN076772.D
Acq: 22 Feb 2023 15:41

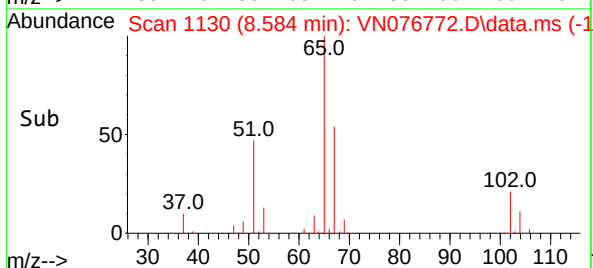
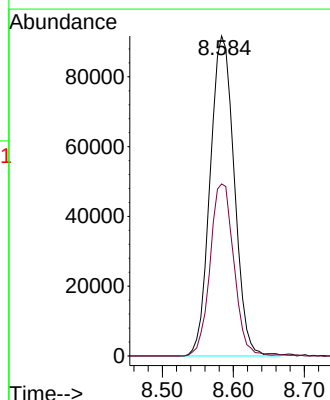
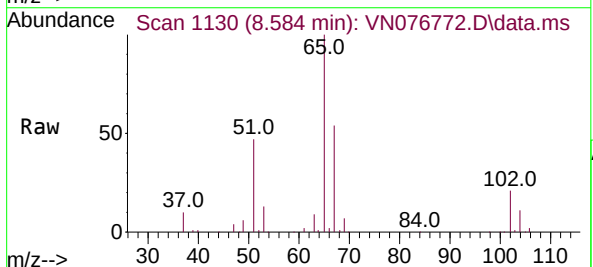
Instrument :
MSVOA_N
ClientSampleId :
IBLK

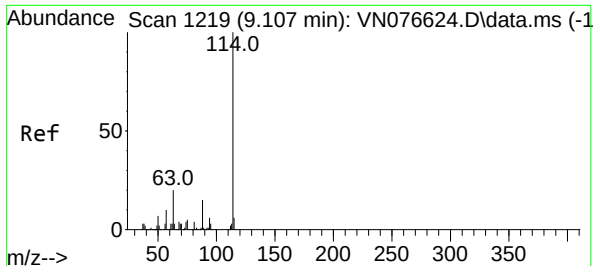
Tgt Ion:168 Resp: 304003
Ion Ratio Lower Upper
168 100
99 61.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.452 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076772.D
Acq: 22 Feb 2023 15:41

Tgt Ion: 65 Resp: 215986
Ion Ratio Lower Upper
65 100
67 52.9 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: VN076772.D

Acq: 22 Feb 2023 15:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

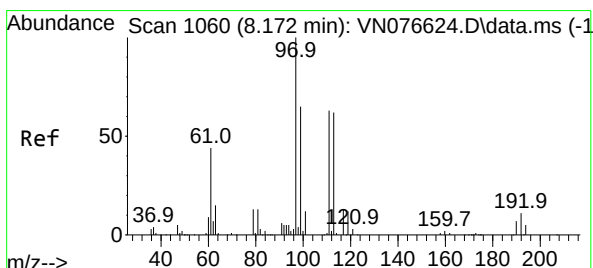
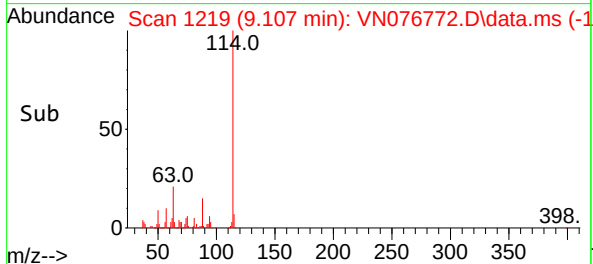
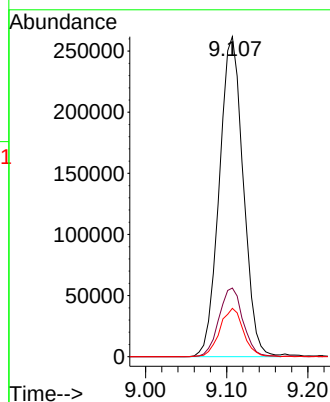
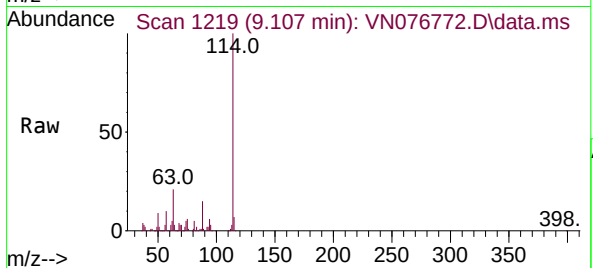
Tgt Ion:114 Resp: 536816

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.499 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076772.D

Acq: 22 Feb 2023 15:41

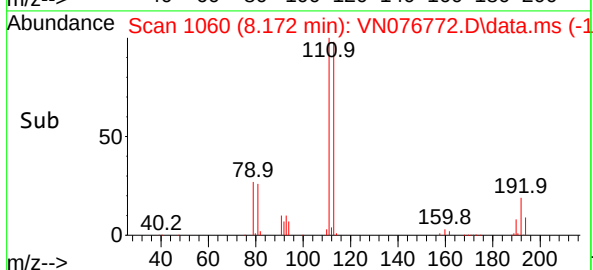
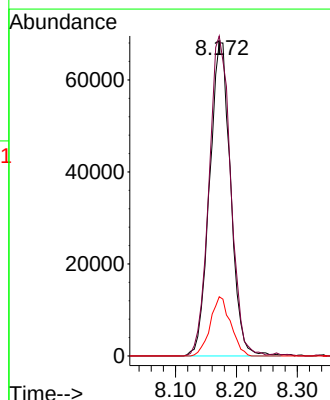
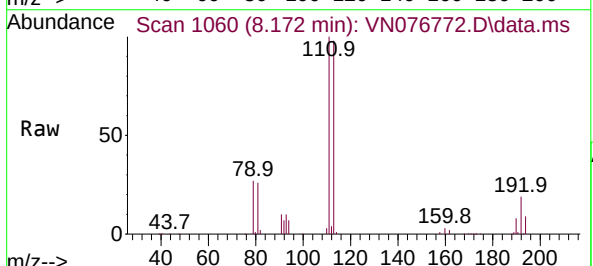
Tgt Ion:113 Resp: 163467

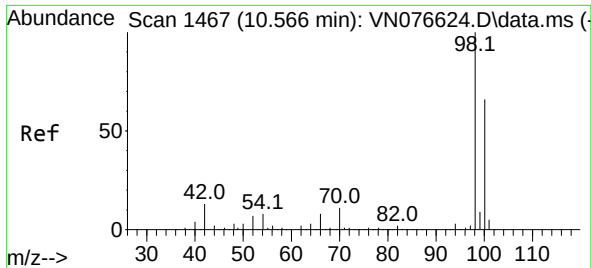
Ion Ratio Lower Upper

113 100

111 105.1 83.1 124.7

192 18.2 15.6 23.4

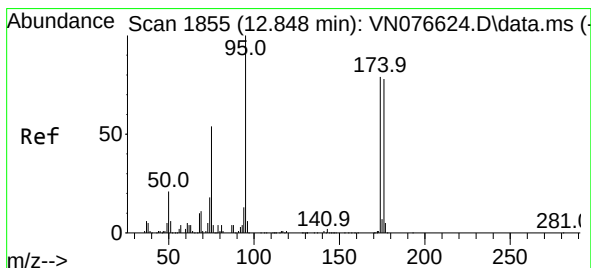
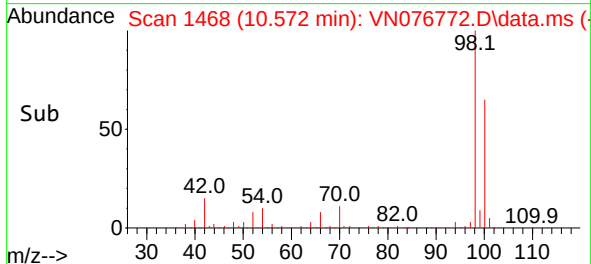
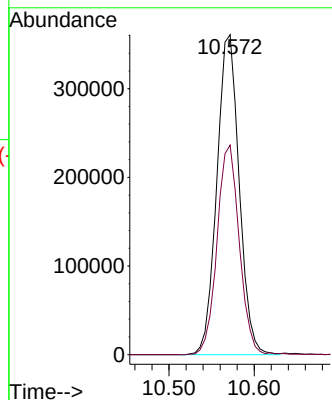
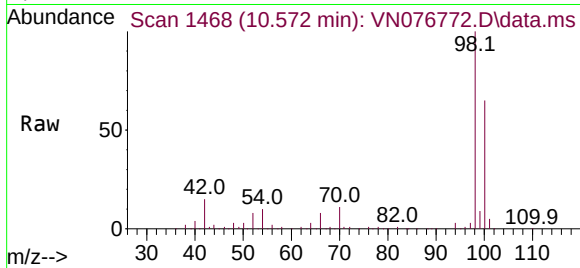




#50
Toluene-d8
Concen: 50.209 ug/l
RT: 10.572 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VN076772.D
Acq: 22 Feb 2023 15:41

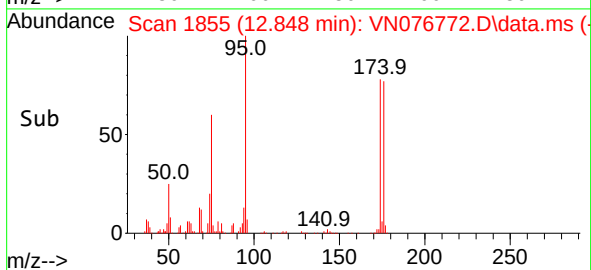
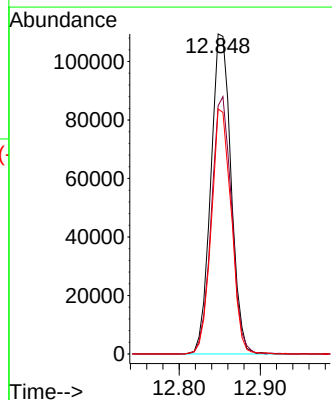
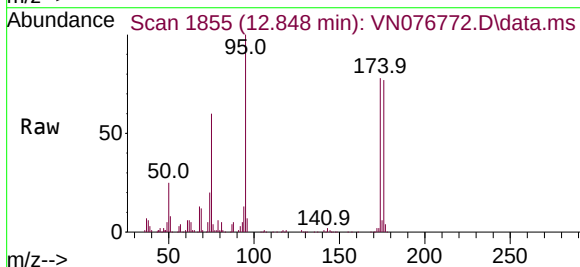
Instrument :
MSVOA_N
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IBLK

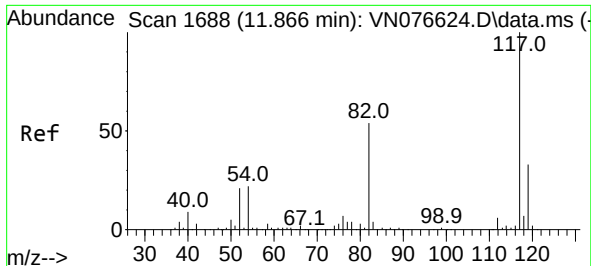
Tgt Ion: 98 Resp: 659180
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.620 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076772.D
Acq: 22 Feb 2023 15:41

Tgt Ion: 95 Resp: 189673
Ion Ratio Lower Upper
95 100
174 80.3 0.0 169.2
176 75.1 0.0 163.4

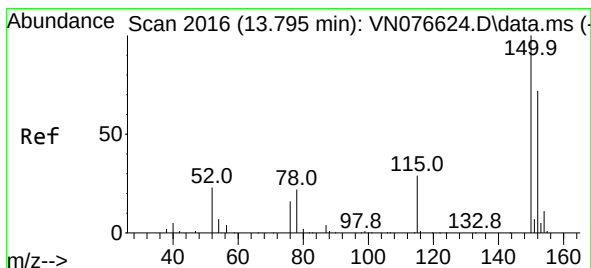
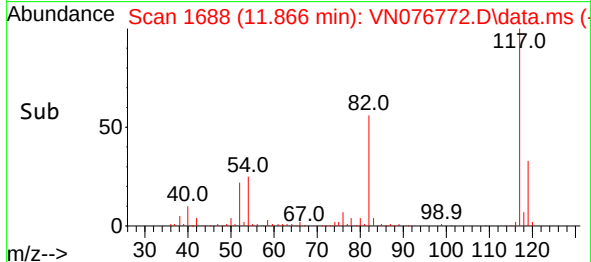
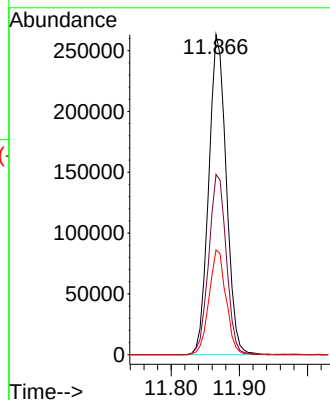
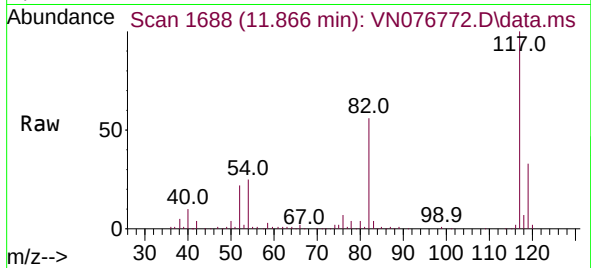




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076772.D
Acq: 22 Feb 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 470530
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 32.8 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: VN076772.D
Acq: 22 Feb 2023 15:41

Tgt Ion:152 Resp: 180434
Ion Ratio Lower Upper
152 100
115 60.8 29.3 87.9
150 160.6 0.0 349.8

