

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076771.D
 Acq On : 22 Feb 2023 15:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 22 15:35:00 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	301503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	547521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	469916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	182715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	224883	54.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.040%
35) Dibromofluoromethane	8.172	113	171096	47.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	10.572	98	655206	48.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.848	95	195849	44.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.320%

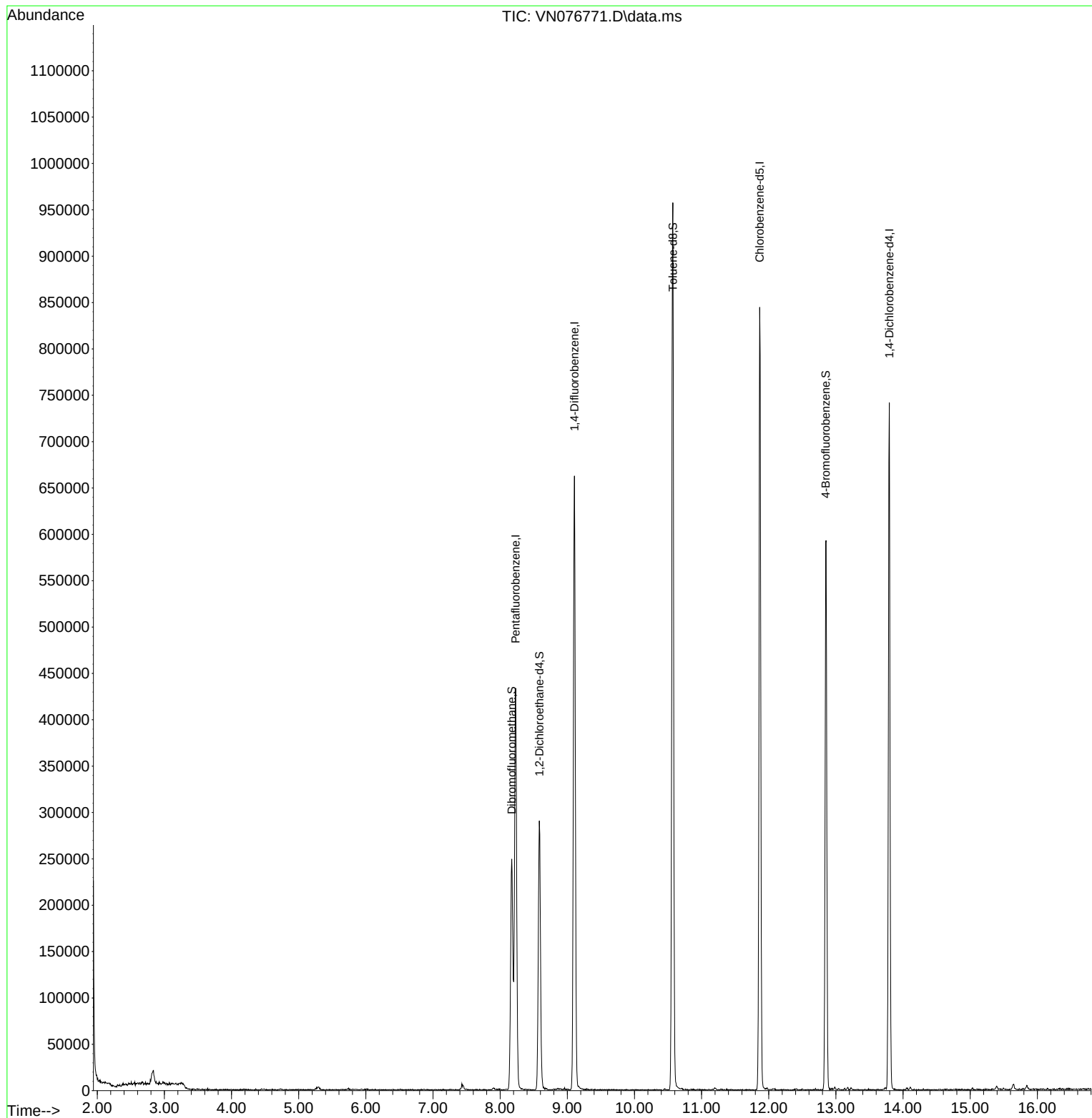
Target Compounds	Qvalue

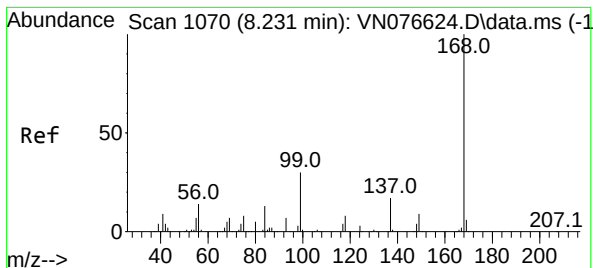
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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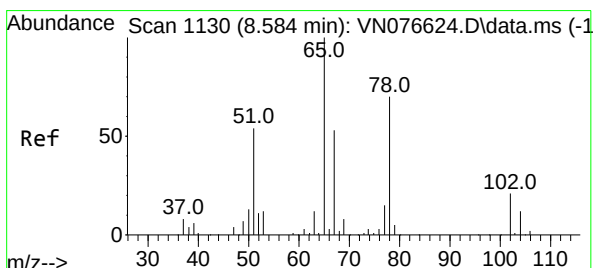
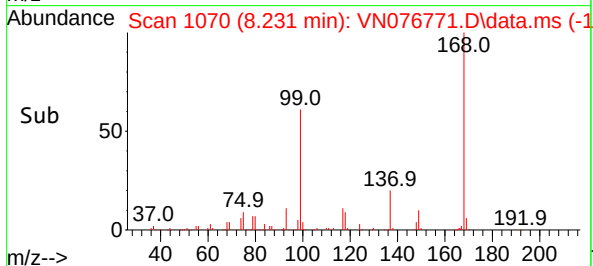
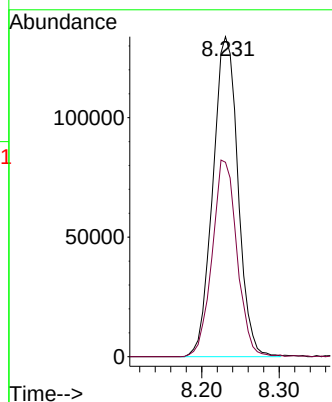
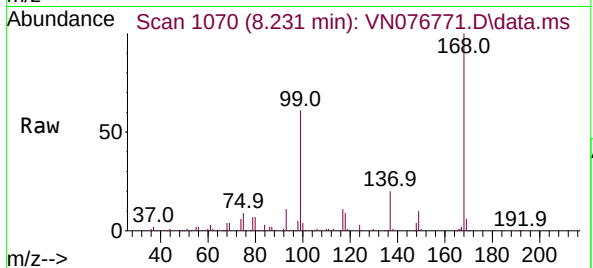




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076771.D
Acq: 22 Feb 2023 15:17

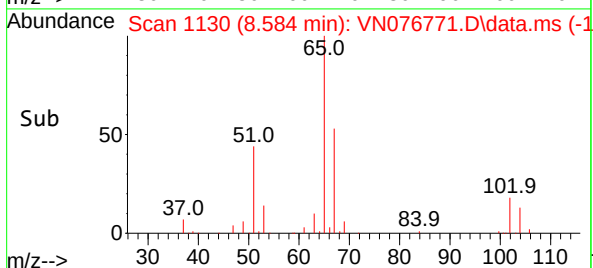
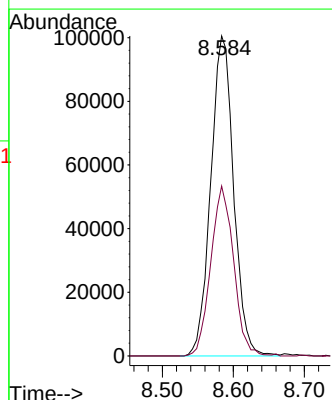
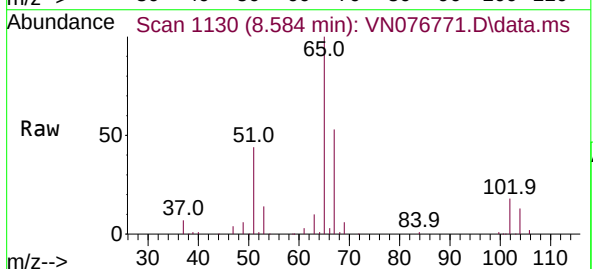
Instrument :
MSVOA_N
ClientSampleId :
IBLK

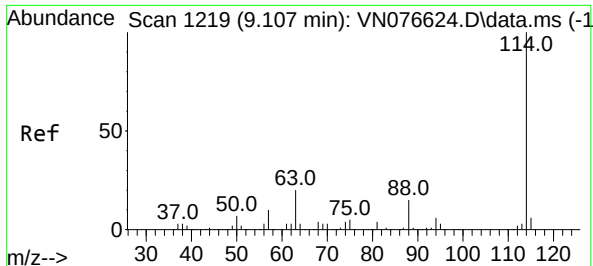
Tgt Ion:168 Resp: 301503
Ion Ratio Lower Upper
168 100
99 60.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.015 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076771.D
Acq: 22 Feb 2023 15:17

Tgt Ion: 65 Resp: 224883
Ion Ratio Lower Upper
65 100
67 53.0 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: VN076771.D

Acq: 22 Feb 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

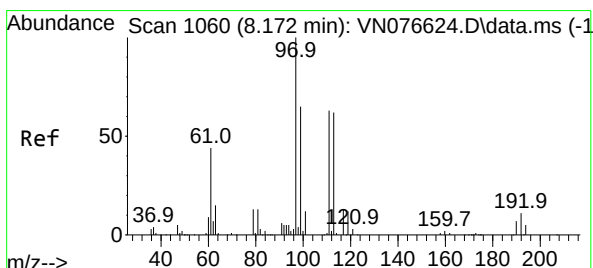
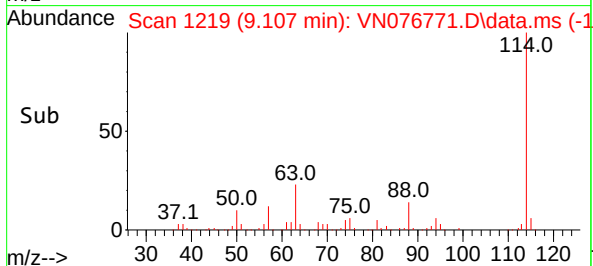
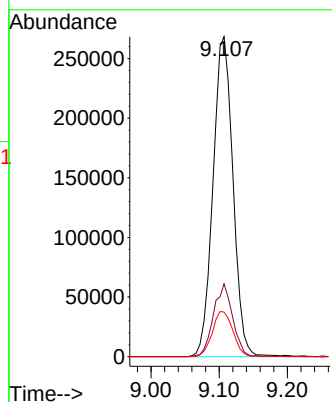
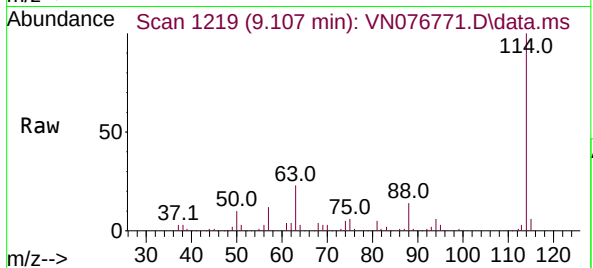
Tgt Ion:114 Resp: 547521

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 14.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.717 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076771.D

Acq: 22 Feb 2023 15:17

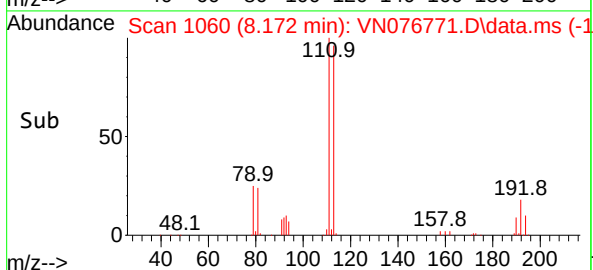
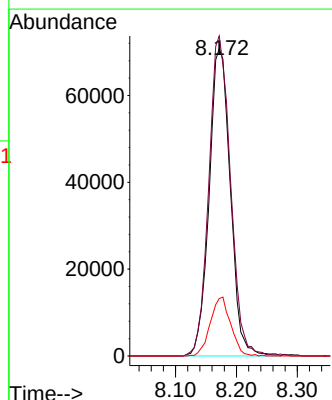
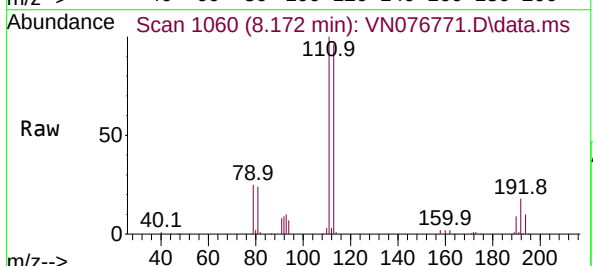
Tgt Ion:113 Resp: 171096

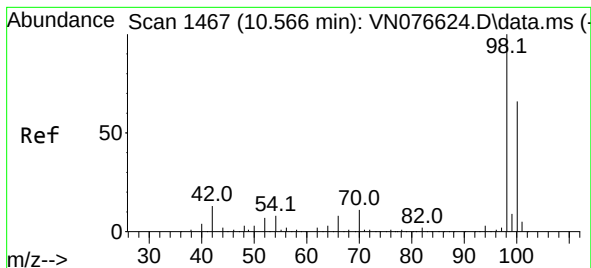
Ion Ratio Lower Upper

113 100

111 106.6 83.1 124.7

192 18.4 15.6 23.4





#50

Toluene-d8

Concen: 48.930 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076771.D

Acq: 22 Feb 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

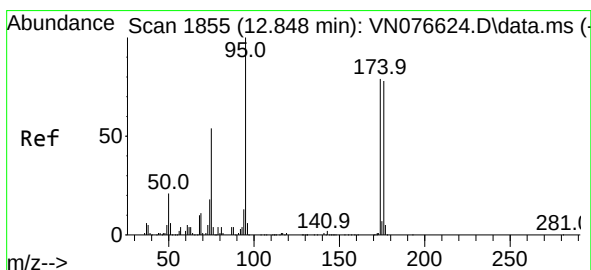
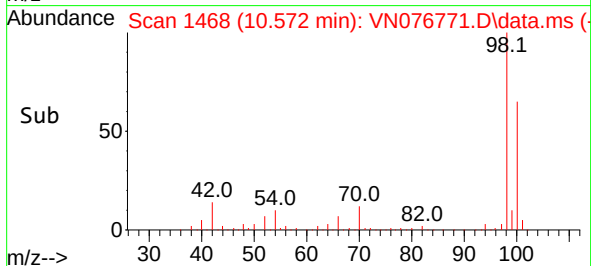
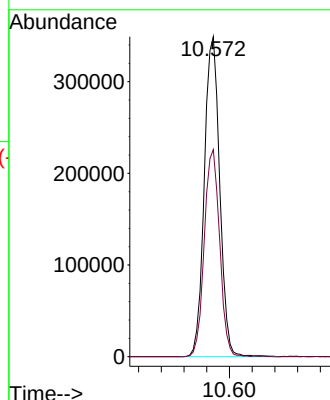
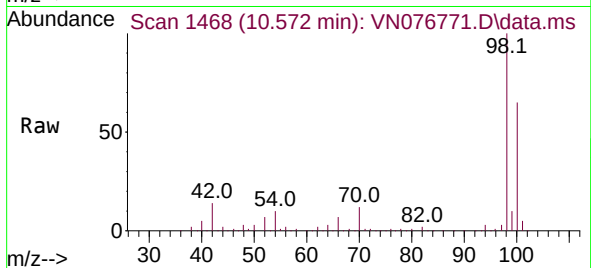
IBLK

Tgt Ion: 98 Resp: 655206

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.160 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN076771.D

Acq: 22 Feb 2023 15:17

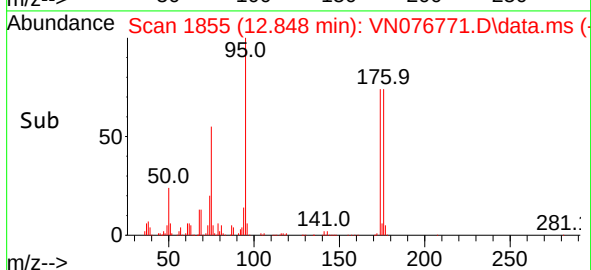
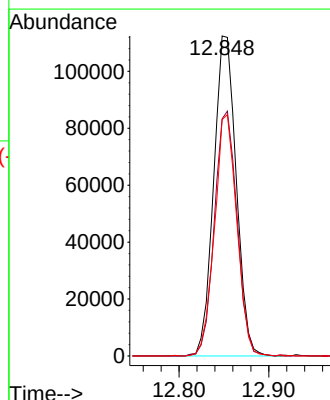
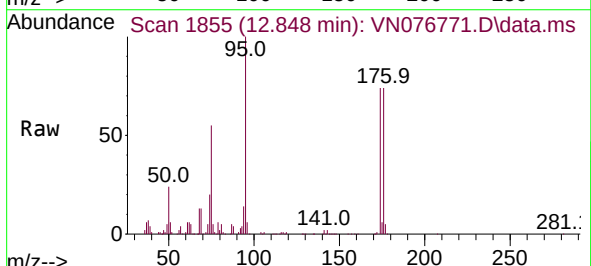
Tgt Ion: 95 Resp: 195849

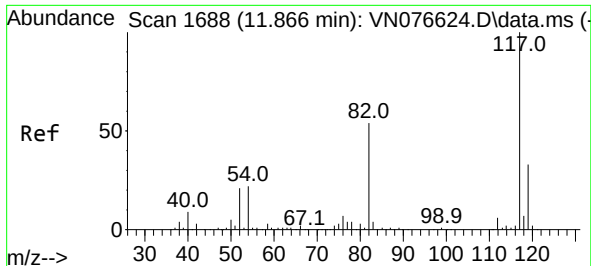
Ion Ratio Lower Upper

95 100

174 76.6 0.0 169.2

176 74.4 0.0 163.4

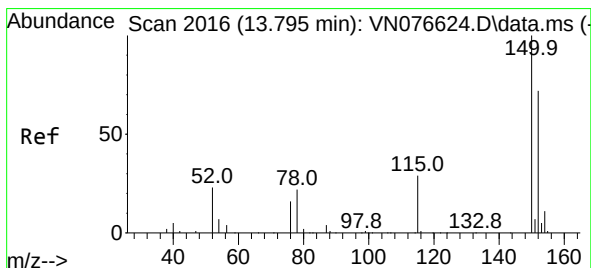
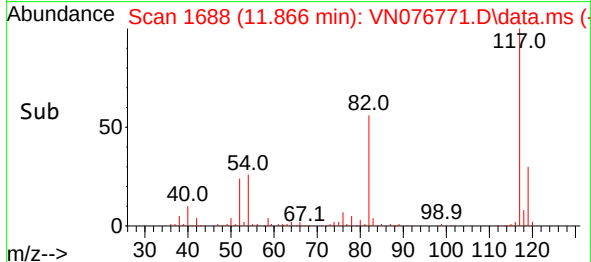
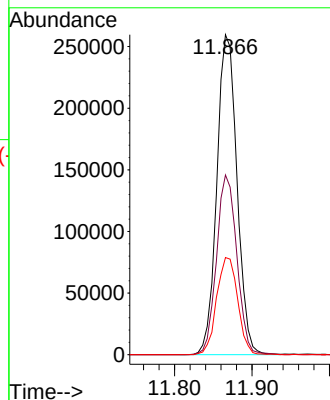
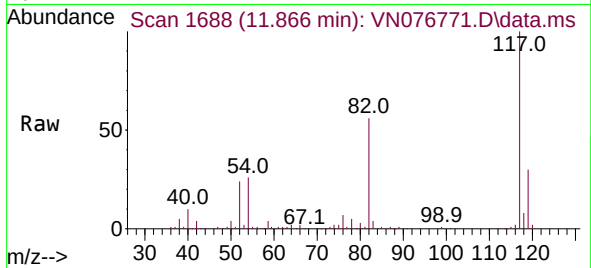




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076771.D
Acq: 22 Feb 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 469916
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.2
119 30.3 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: VN076771.D
Acq: 22 Feb 2023 15:17

Tgt Ion:152 Resp: 182715
Ion Ratio Lower Upper
152 100
115 60.2 29.3 87.9
150 156.6 0.0 349.8

