

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076627.D
 Acq On : 13 Feb 2023 13:03
 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 14 01:47:30 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	334524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	564461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	481630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	196460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	208186	45.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.140%
35) Dibromofluoromethane	8.172	113	172807	46.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	10.572	98	649149	47.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.854	95	202608	44.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.620%

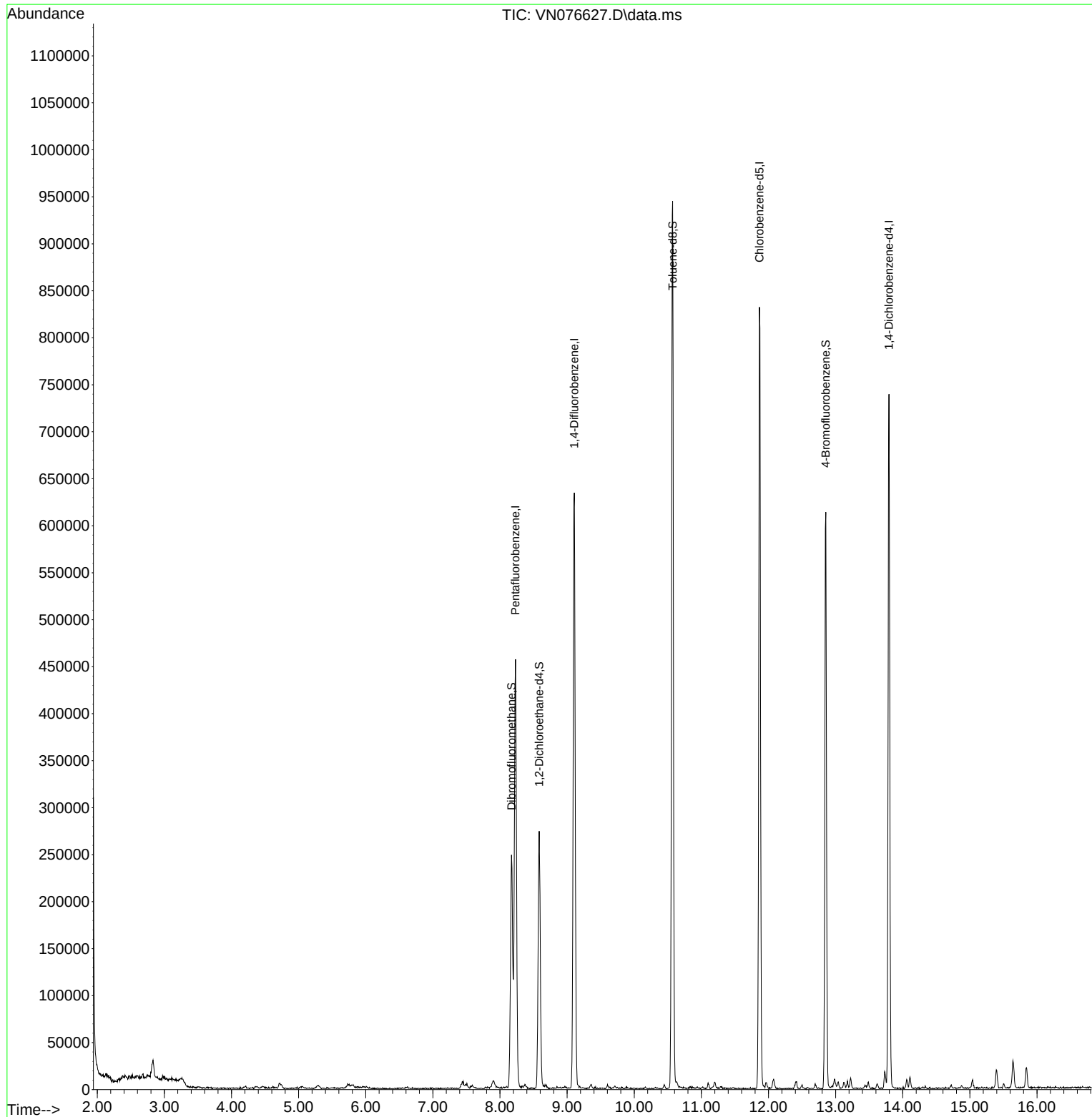
Target Compounds	Qvalue

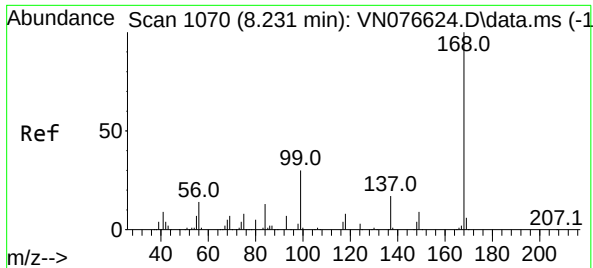
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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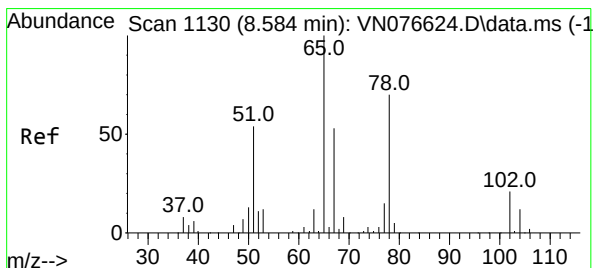
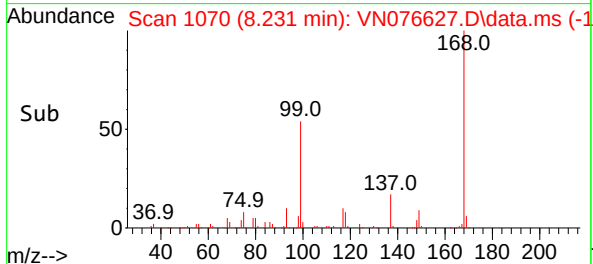
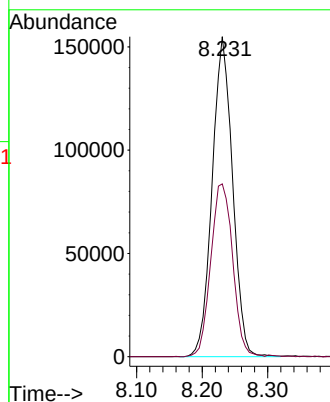
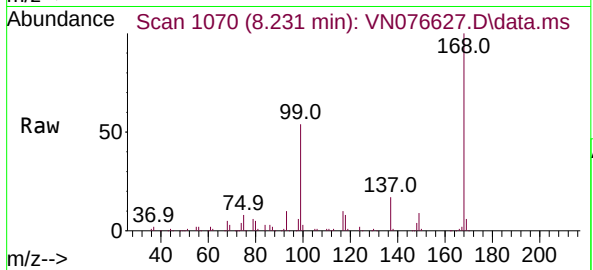




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076627.D
Acq: 13 Feb 2023 13:03

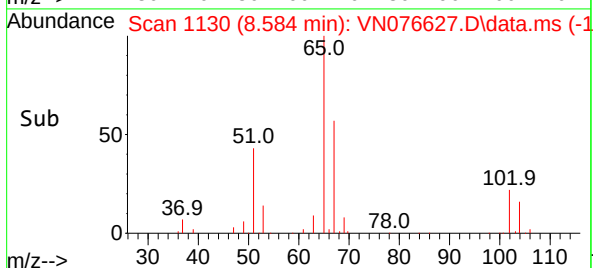
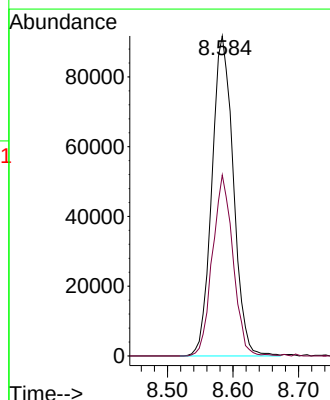
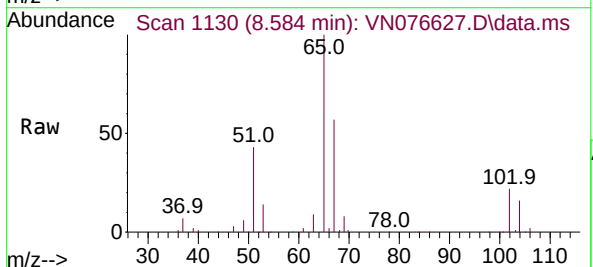
Instrument :
MSVOA_N
ClientSampleId :
IBLK

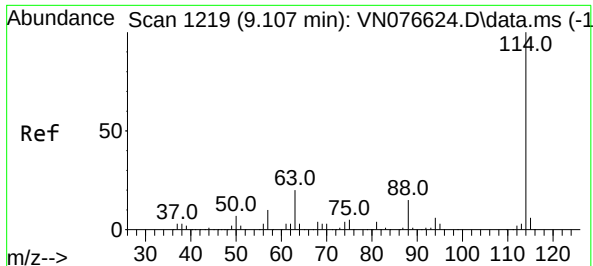
Tgt Ion:168 Resp: 334524
Ion Ratio Lower Upper
168 100
99 54.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 45.069 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076627.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 65 Resp: 208186
Ion Ratio Lower Upper
65 100
67 54.2 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: VN076627.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

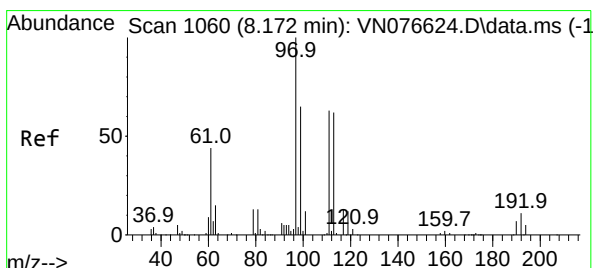
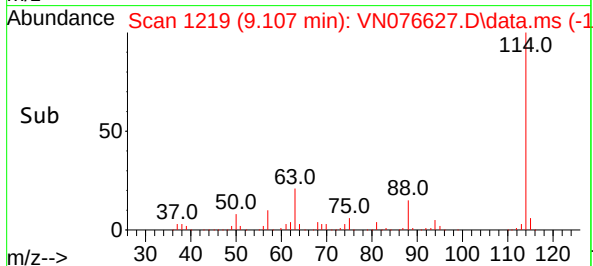
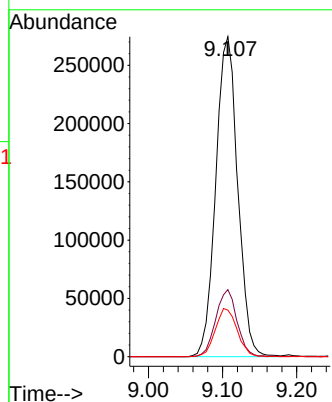
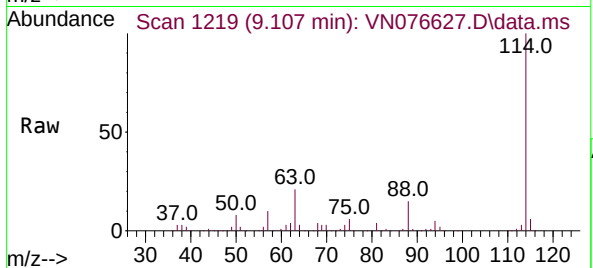
Tgt Ion:114 Resp: 564461

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.6 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.748 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076627.D

Acq: 13 Feb 2023 13:03

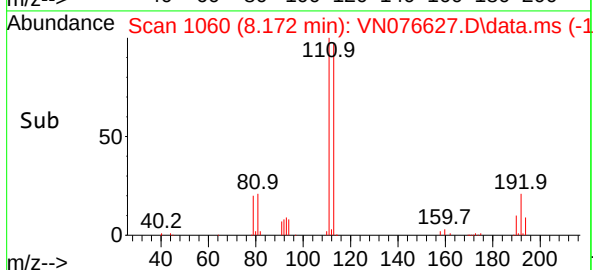
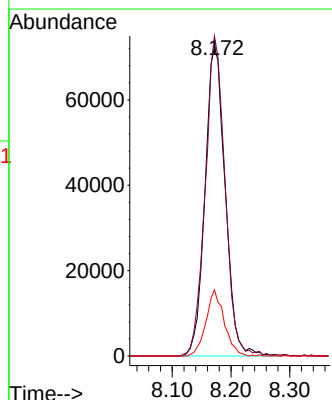
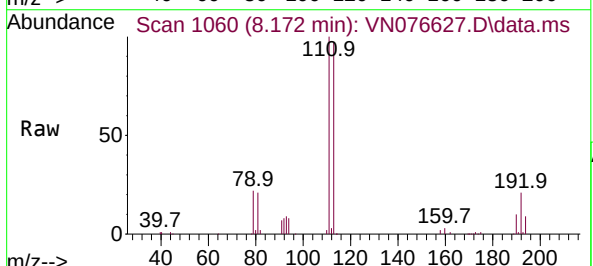
Tgt Ion:113 Resp: 172807

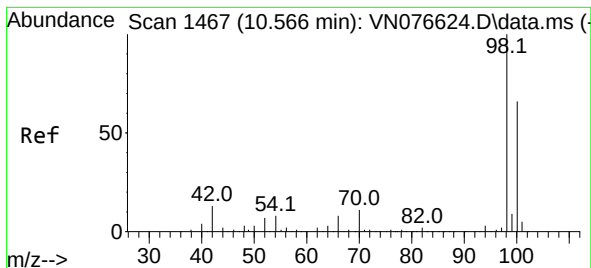
Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

192 19.3 15.6 23.4





#50

Toluene-d8

Concen: 47.023 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076627.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

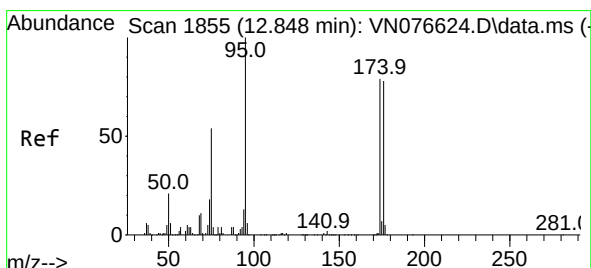
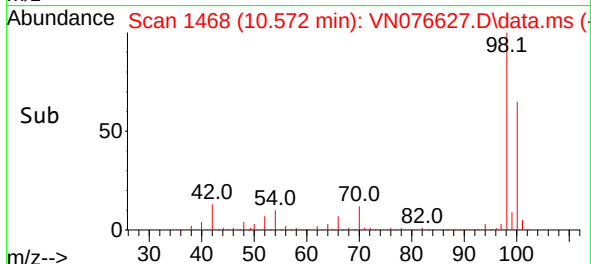
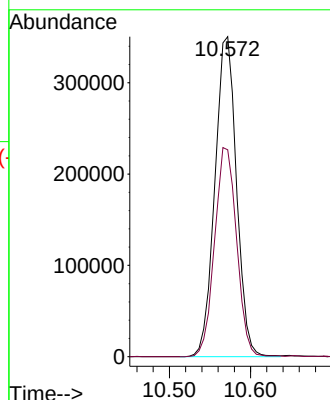
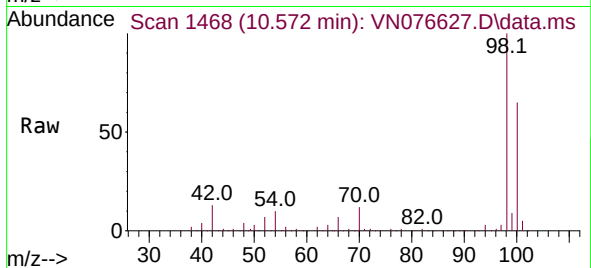
IBLK

Tgt Ion: 98 Resp: 649149

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.313 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076627.D

Acq: 13 Feb 2023 13:03

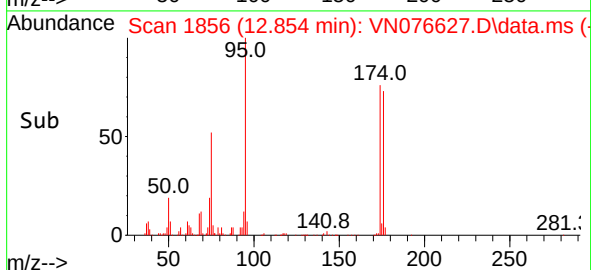
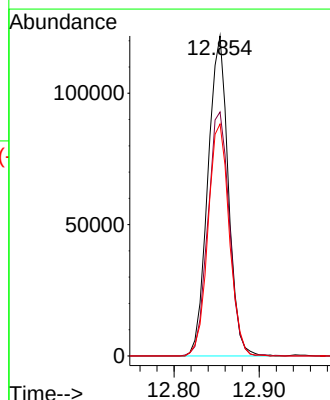
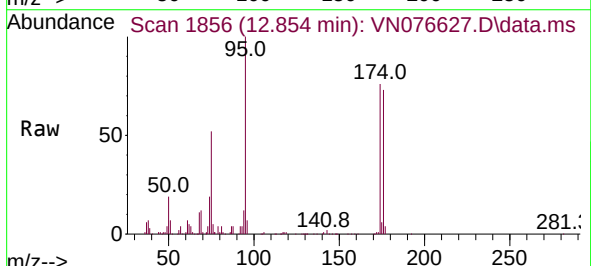
Tgt Ion: 95 Resp: 202608

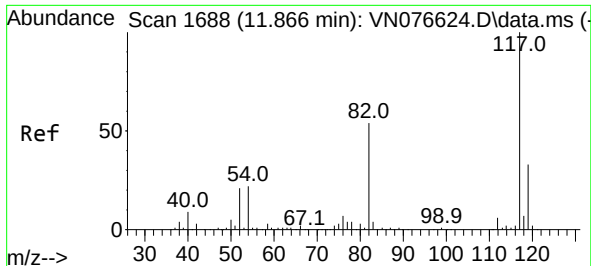
Ion Ratio Lower Upper

95 100

174 80.2 0.0 169.2

176 75.3 0.0 163.4

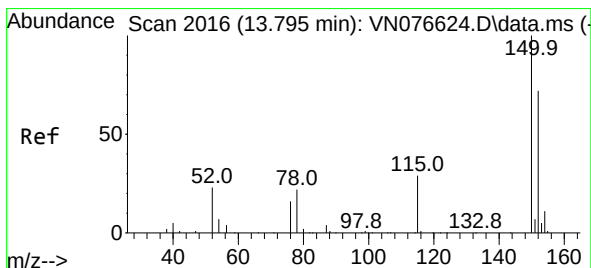
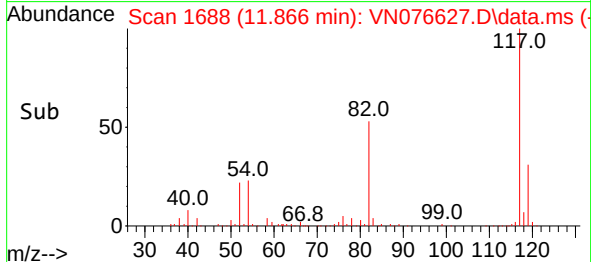
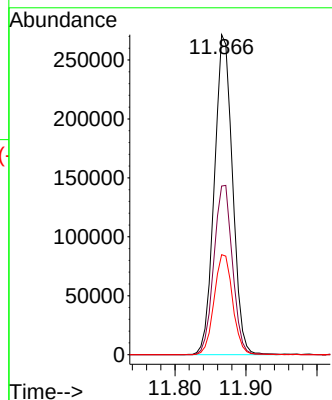
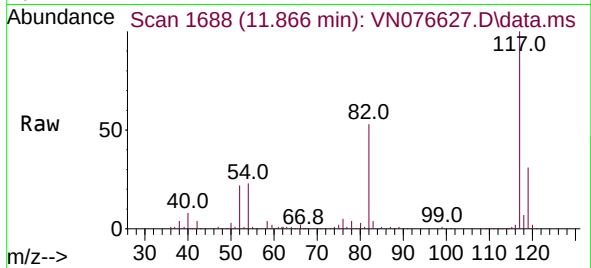




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076627.D
Acq: 13 Feb 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 481630
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.2
119 31.3 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: VN076627.D
Acq: 13 Feb 2023 13:03

Tgt Ion:152 Resp: 196460
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 154.9 0.0 349.8

