

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079725.D
 Acq On : 30 Oct 2023 16:00
 Operator : JC\MD
 Sample : VN1030MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

Quant Time: Oct 31 07:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	107355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	175402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	197139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83153	48.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.171	113	97011	77.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	154.800%#
50) Toluene-d8	10.571	98	146174	31.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	62.580%#
62) 4-Bromofluorobenzene	12.853	95	101292	68.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	137.680%#

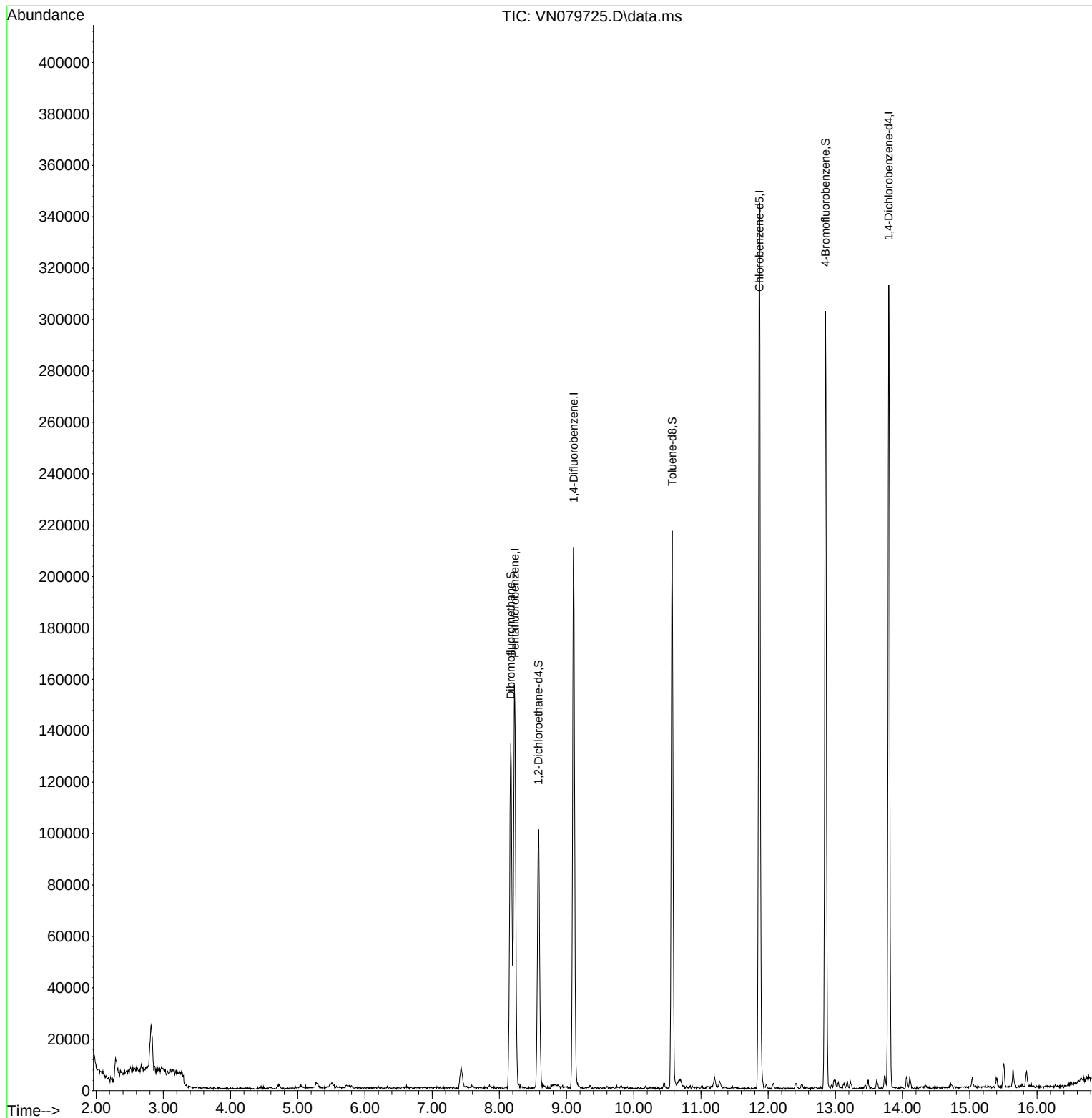
Target Compounds	Qvalue

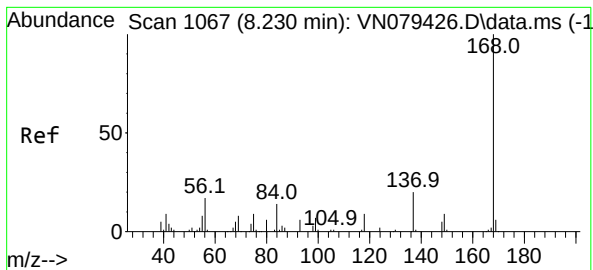
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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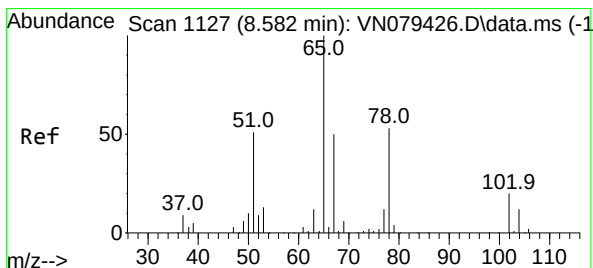
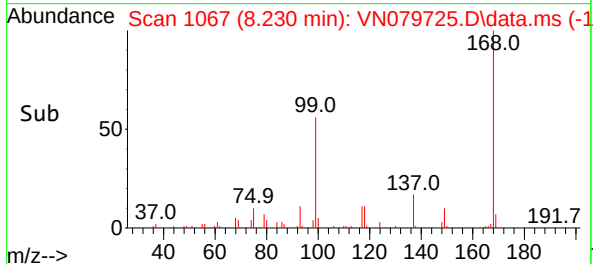
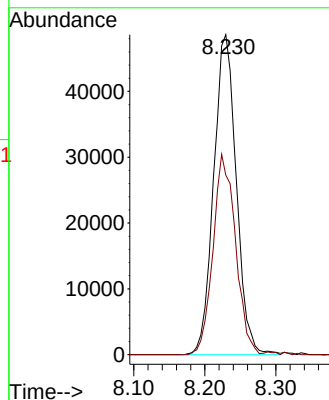
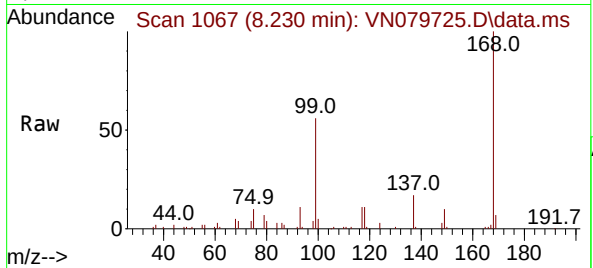




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

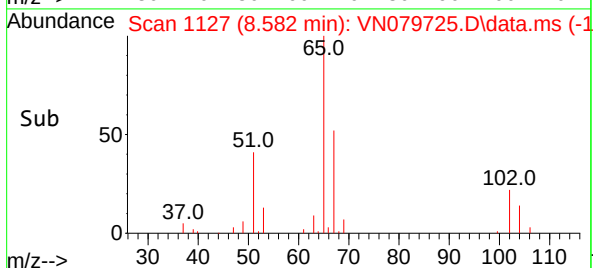
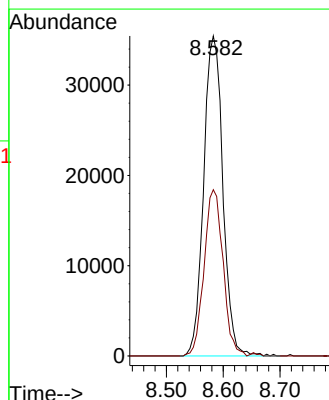
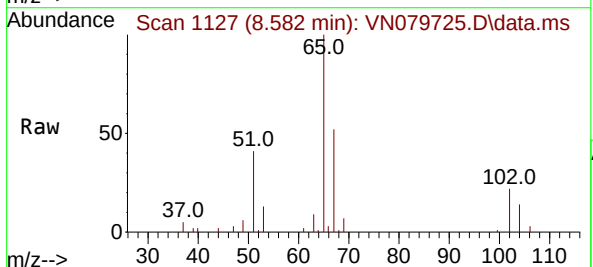
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

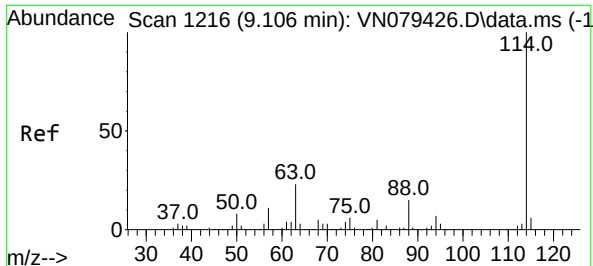
Tgt Ion:168 Resp: 107355
Ion Ratio Lower Upper
168 100
99 56.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.232 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 65 Resp: 83153
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

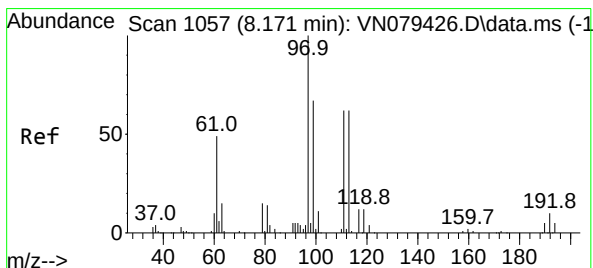
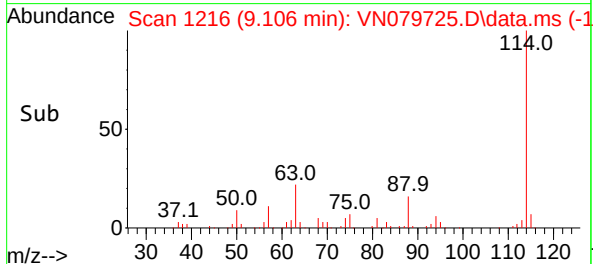
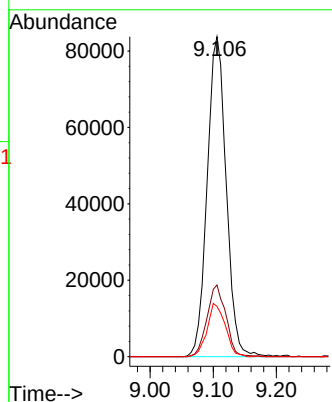
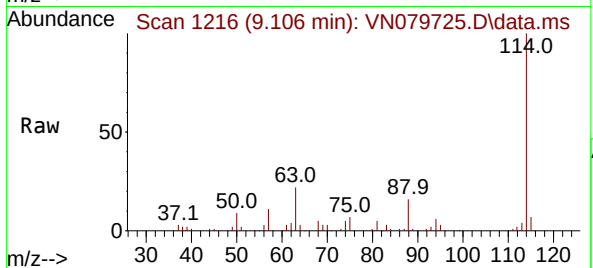
Tgt Ion:114 Resp: 175402

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 77.402 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

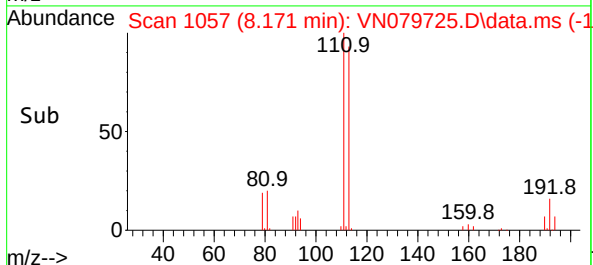
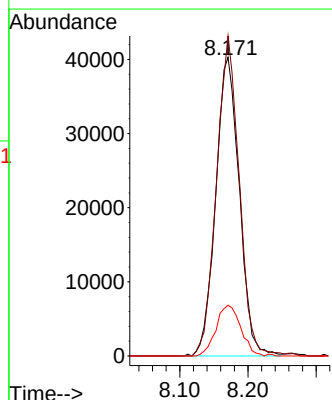
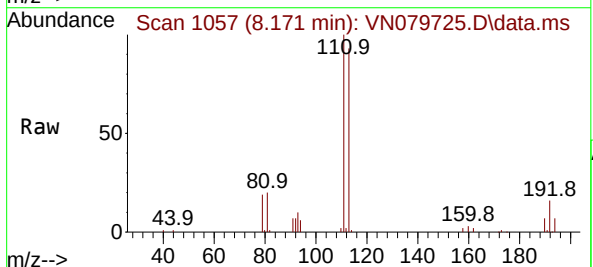
Tgt Ion:113 Resp: 97011

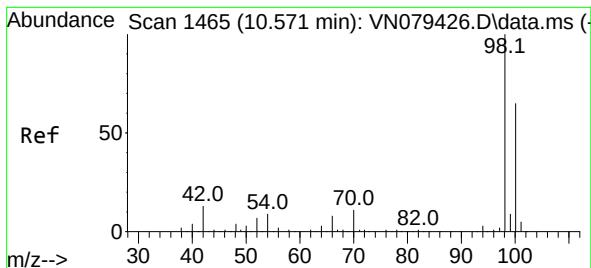
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.8 12.7 19.1

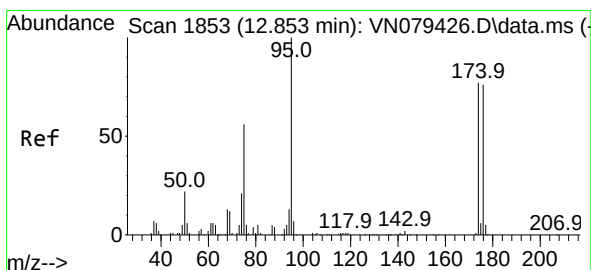
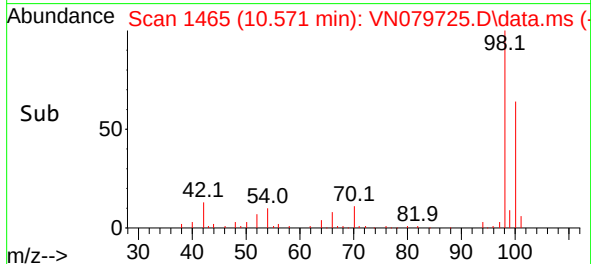
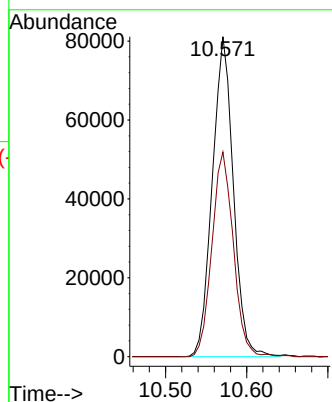
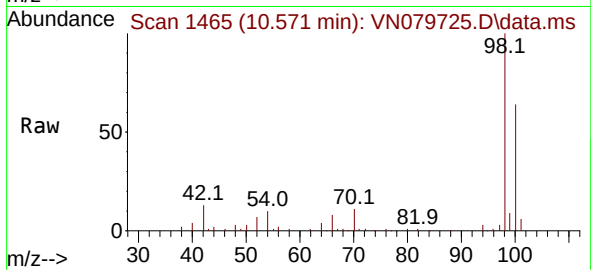




#50
Toluene-d8
Concen: 31.286 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

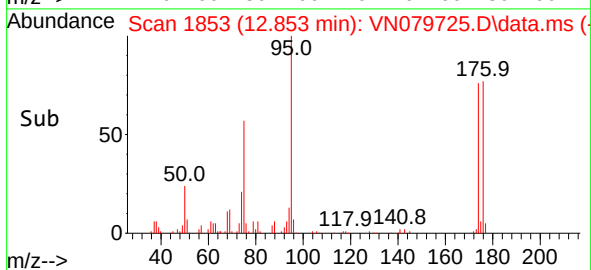
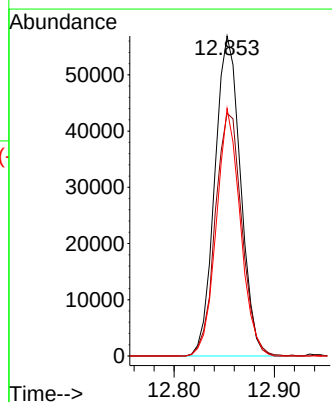
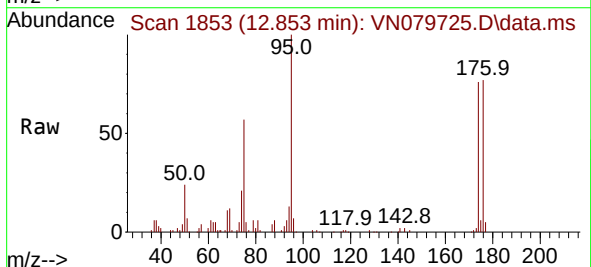
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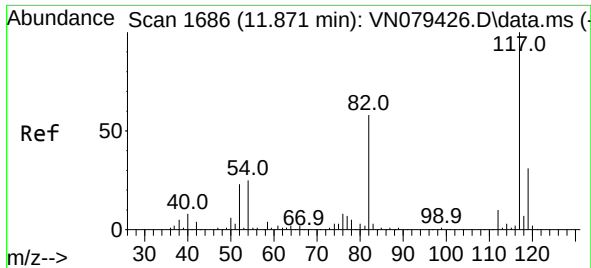
Tgt Ion: 98 Resp: 146174
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 68.843 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 95 Resp: 101292
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 72.1 0.0 135.8

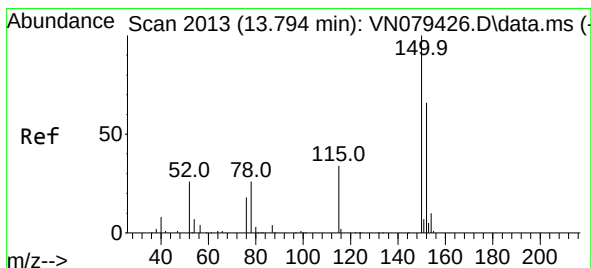
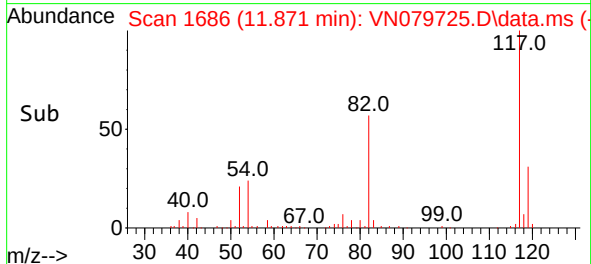
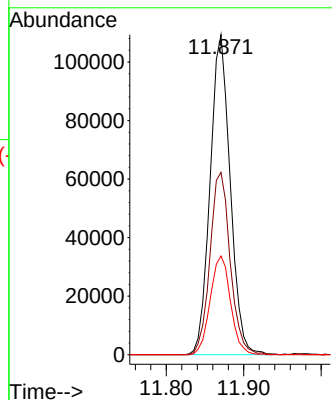
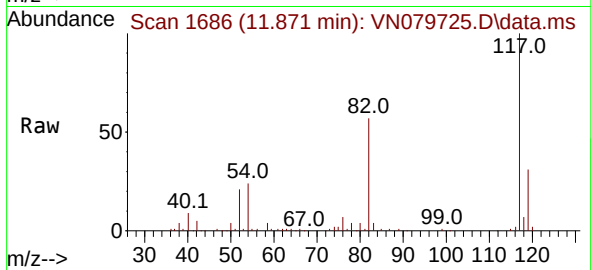




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

Tgt Ion:117 Resp: 197139
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion:152 Resp: 82045
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 158.3 0.0 355.8

