

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076494.D
 Acq On : 01 Feb 2023 13:14
 Operator : JC\MD
 Sample : 01354-02
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOC

Quant Time: Feb 01 23:50:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	428211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	686516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	572091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	245672	51.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.480%
35) Dibromofluoromethane	8.171	113	201147	46.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.565	98	777185	49.003	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.853	95	241600	46.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.320%

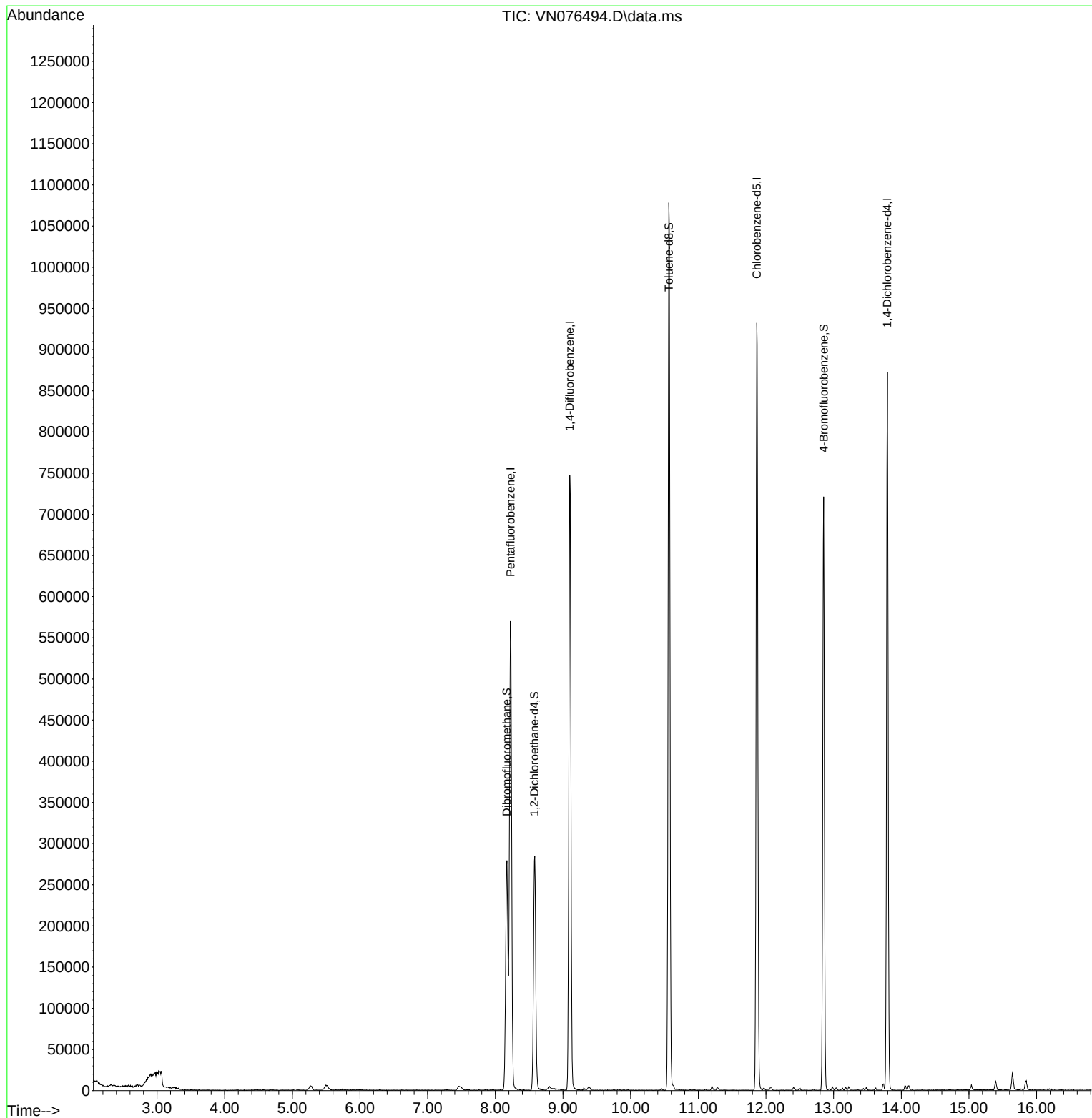
Target Compounds	Qvalue

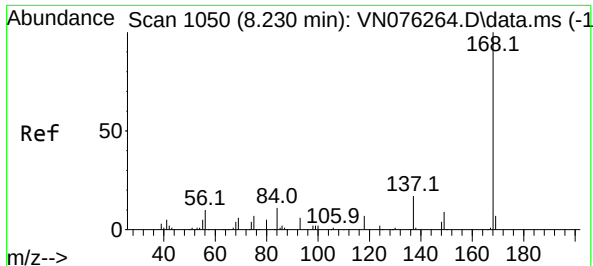
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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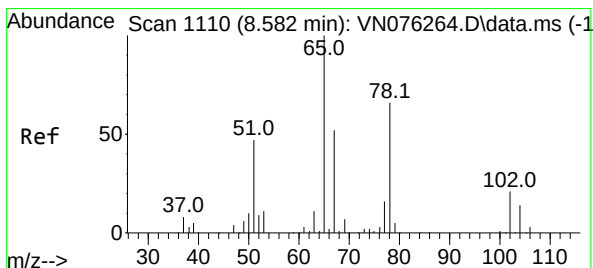
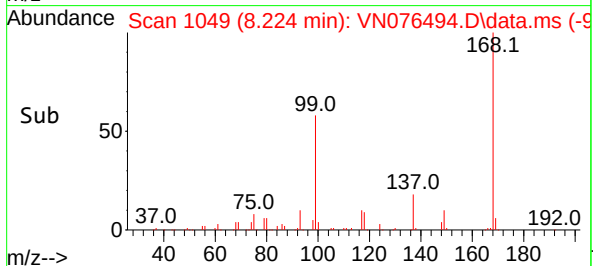
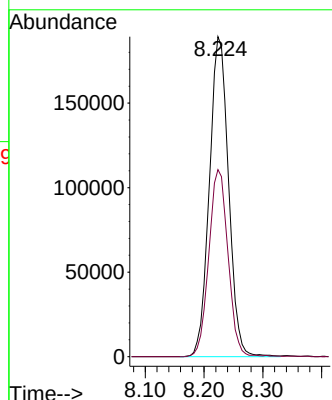
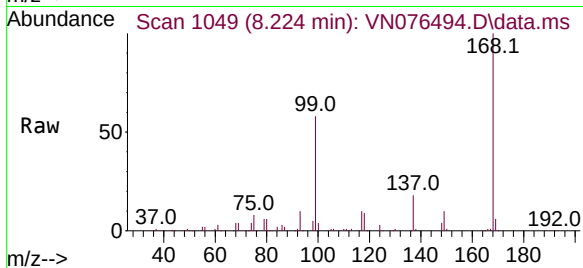




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076494.D
Acq: 01 Feb 2023 13:14

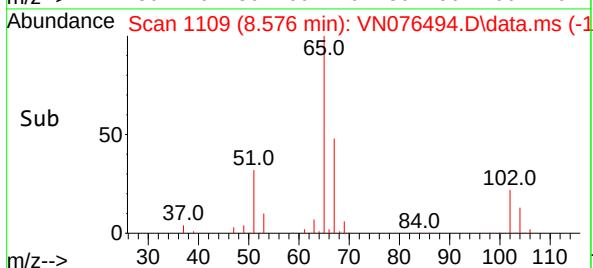
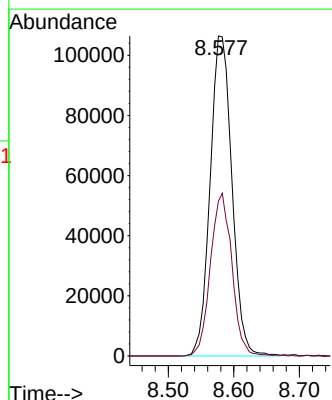
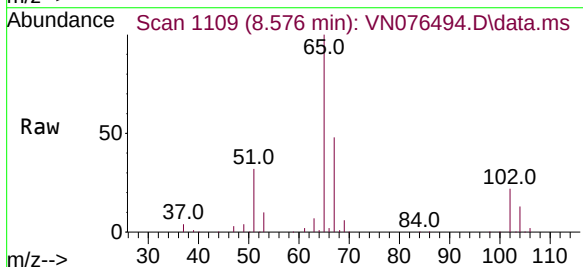
Instrument :
MSVOA_N
ClientSampleId :
VOC

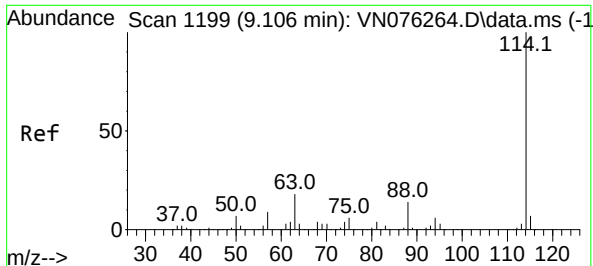
Tgt Ion:168 Resp: 428211
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.239 ug/l
RT: 8.576 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076494.D
Acq: 01 Feb 2023 13:14

Tgt Ion: 65 Resp: 245672
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076494.D

Acq: 01 Feb 2023 13:14

Instrument :

MSVOA_N

ClientSampleId :

VOC

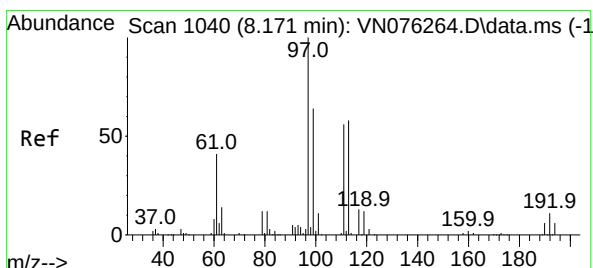
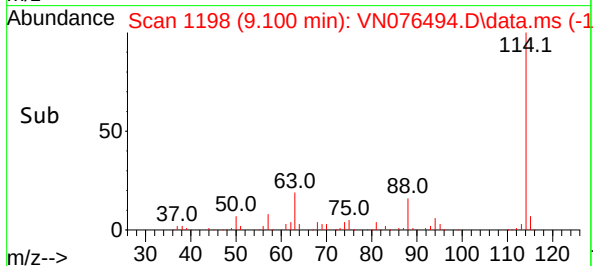
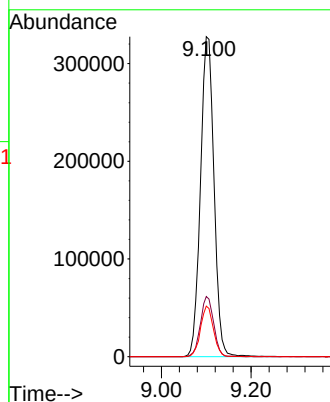
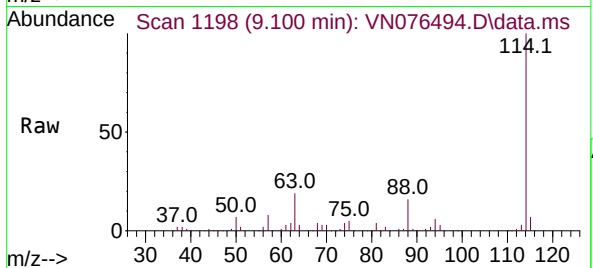
Tgt Ion:114 Resp: 686516

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 15.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076494.D

Acq: 01 Feb 2023 13:14

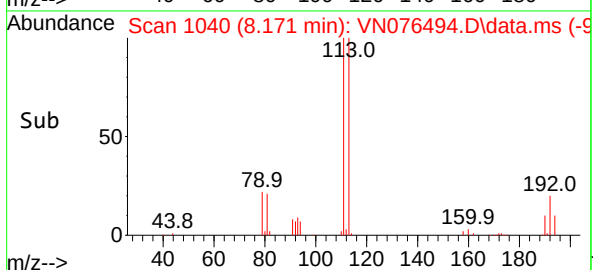
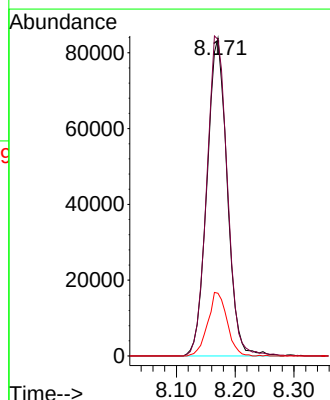
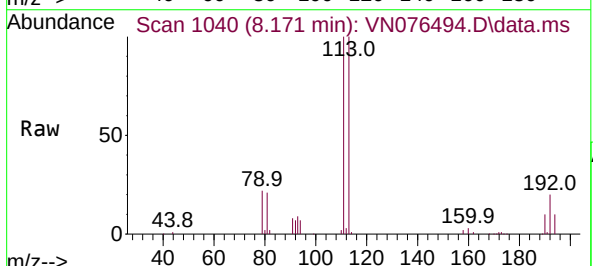
Tgt Ion:113 Resp: 201147

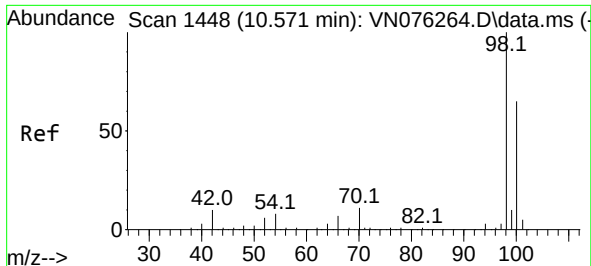
Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 19.0 15.6 23.4





#50

Toluene-d8

Concen: 49.003 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076494.D

Acq: 01 Feb 2023 13:14

Instrument :

MSVOA_N

ClientSampleId :

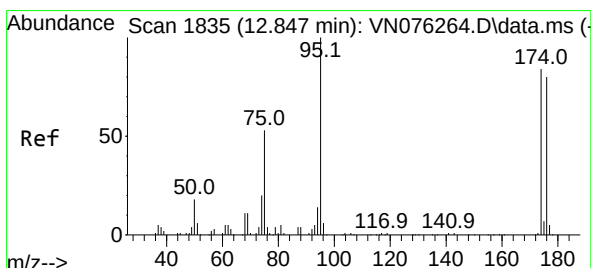
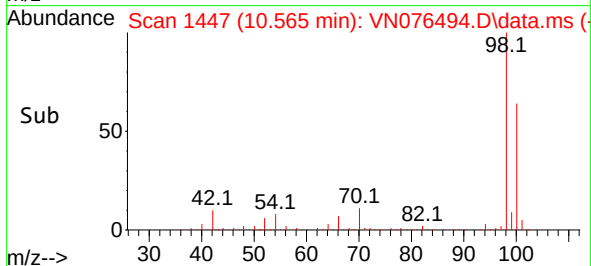
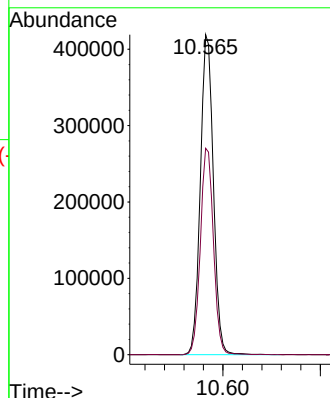
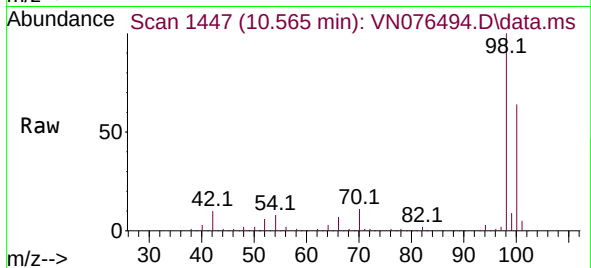
VOC

Tgt Ion: 98 Resp: 777185

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.663 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076494.D

Acq: 01 Feb 2023 13:14

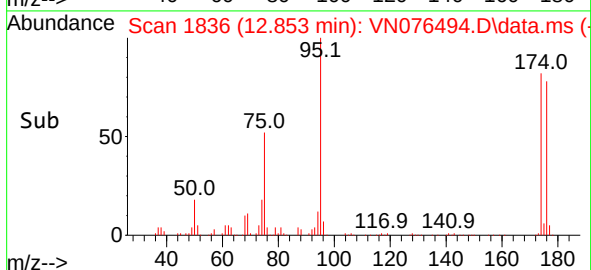
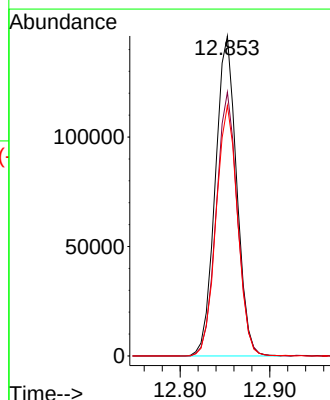
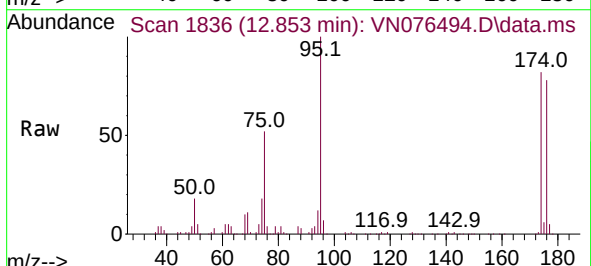
Tgt Ion: 95 Resp: 241600

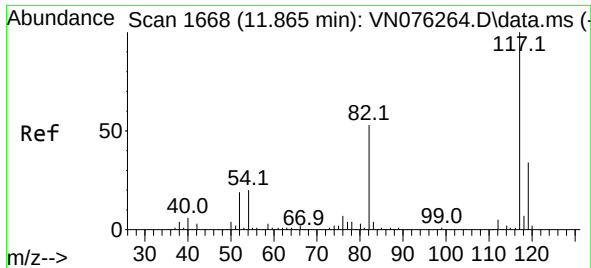
Ion Ratio Lower Upper

95 100

174 81.8 0.0 174.6

176 78.9 0.0 167.8

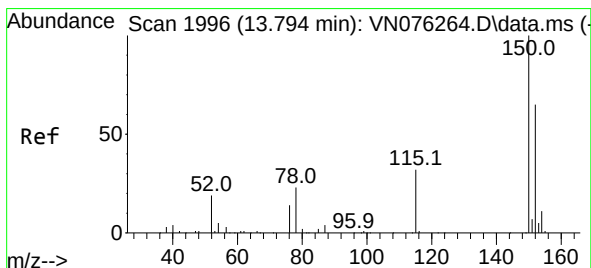
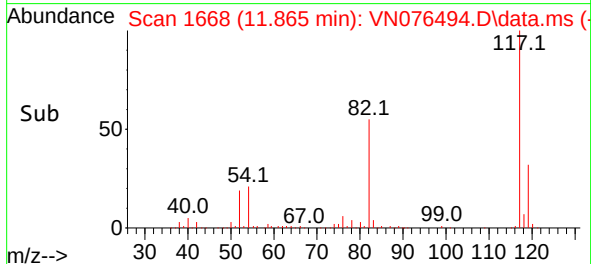
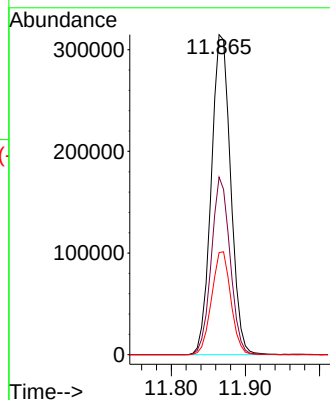
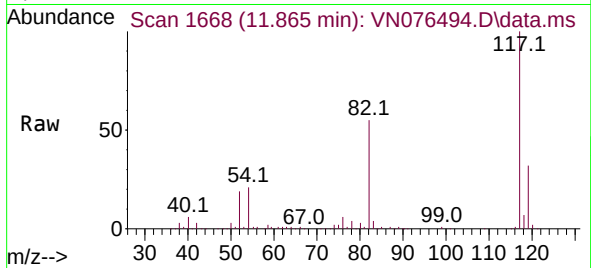




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076494.D
Acq: 01 Feb 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :
VOC

Tgt Ion:117 Resp: 572091
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.2
119 31.9 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076494.D
Acq: 01 Feb 2023 13:14

Tgt Ion:152 Resp: 239442
Ion Ratio Lower Upper
152 100
115 60.0 29.6 88.9
150 155.1 0.0 351.4

