

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075734.D
 Acq On : 13 Dec 2022 02:28
 Operator : JC\MD
 Sample : VN1212WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL03

Quant Time: Dec 13 03:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	402005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131015	48.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.171	113	117877	48.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	10.571	98	461469	50.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.853	95	146408	46.489	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

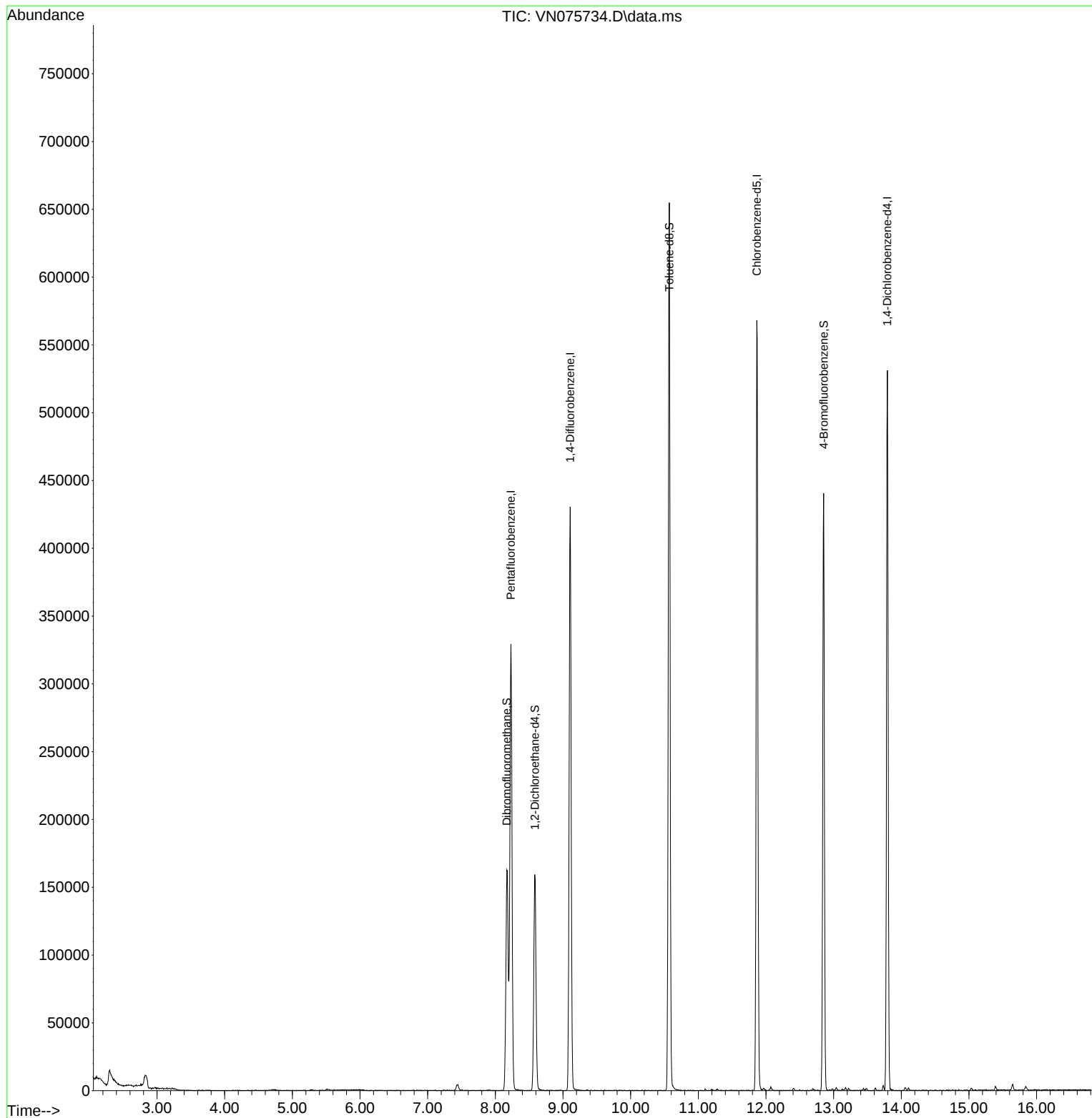
Target Compounds	Qvalue

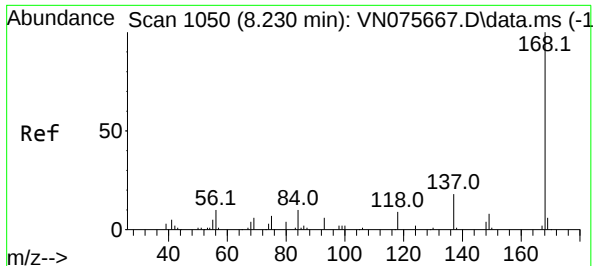
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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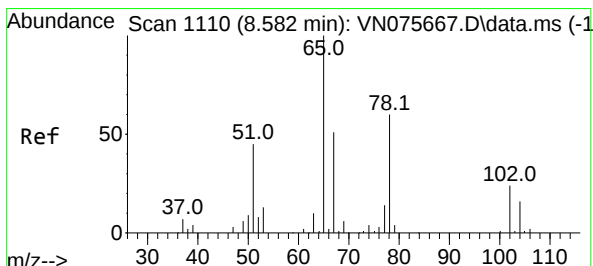
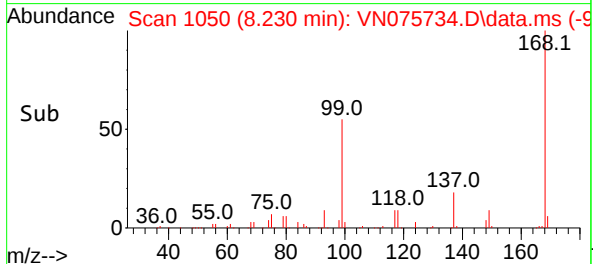
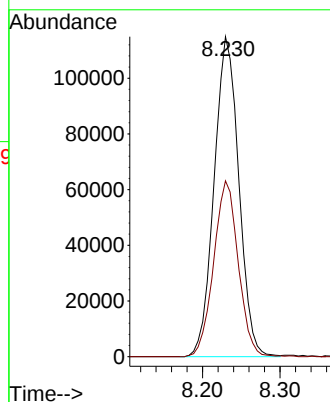
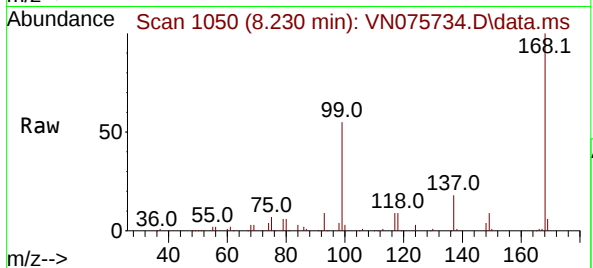




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075734.D
Acq: 13 Dec 2022 02:28

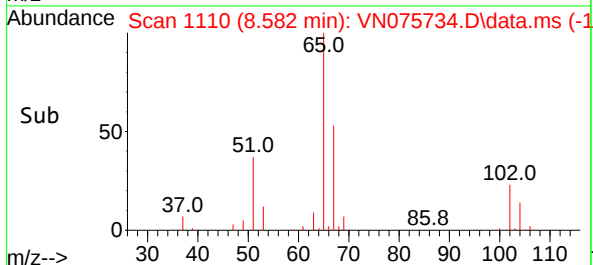
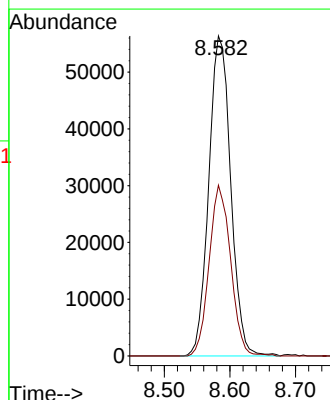
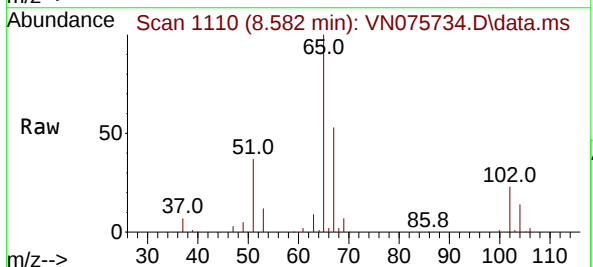
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL03

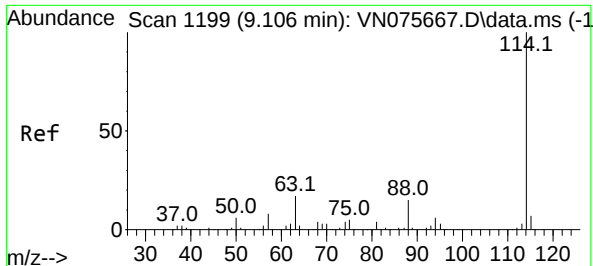
Tgt Ion:168 Resp: 254672
Ion Ratio Lower Upper
168 100
99 55.0 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 48.486 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075734.D
Acq: 13 Dec 2022 02:28

Tgt Ion: 65 Resp: 131015
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075734.D

Acq: 13 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBL03

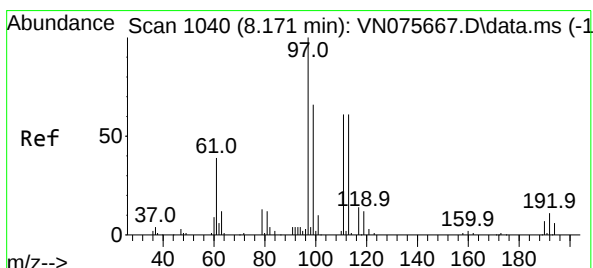
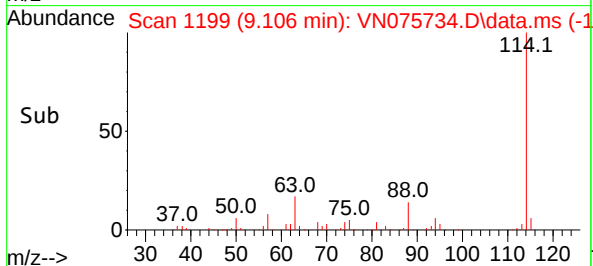
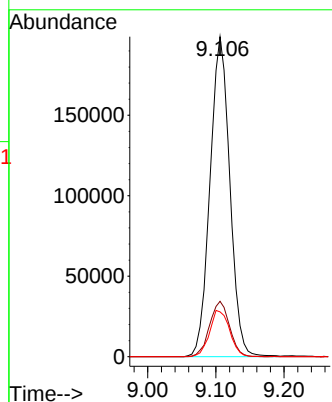
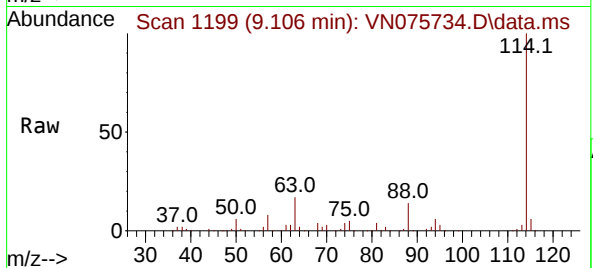
Tgt Ion:114 Resp: 402005

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 48.060 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075734.D

Acq: 13 Dec 2022 02:28

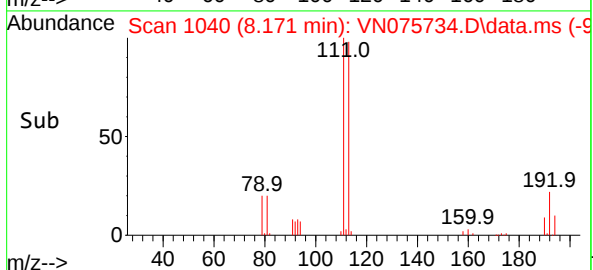
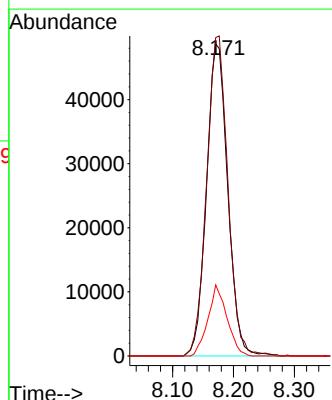
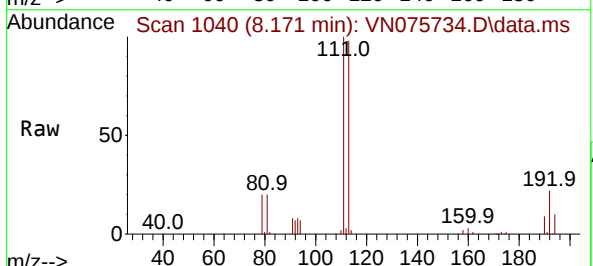
Tgt Ion:113 Resp: 117877

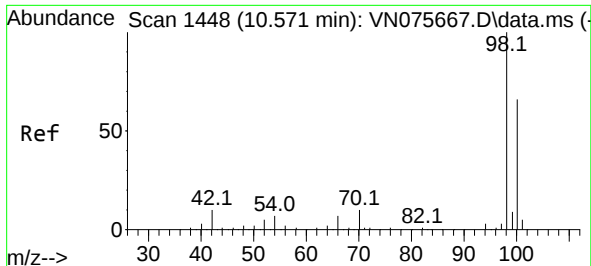
Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

192 20.4 16.2 24.2





#50

Toluene-d8

Concen: 50.100 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075734.D

Acq: 13 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

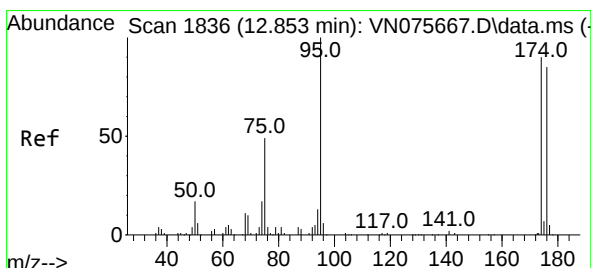
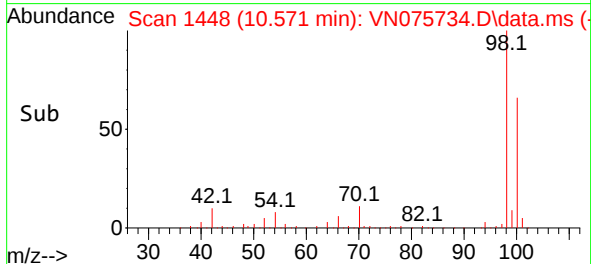
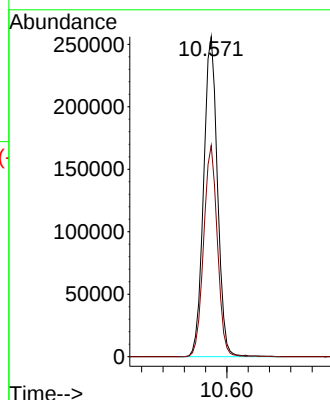
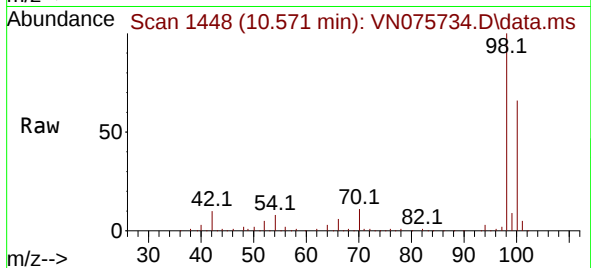
VN1212WBL03

Tgt Ion: 98 Resp: 461469

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.489 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075734.D

Acq: 13 Dec 2022 02:28

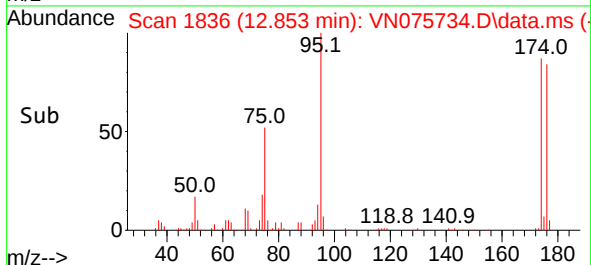
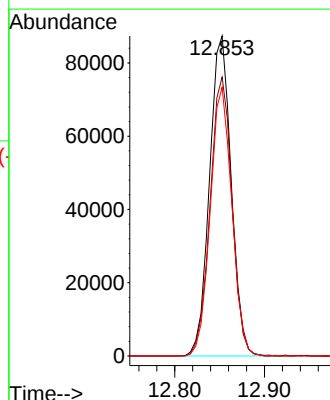
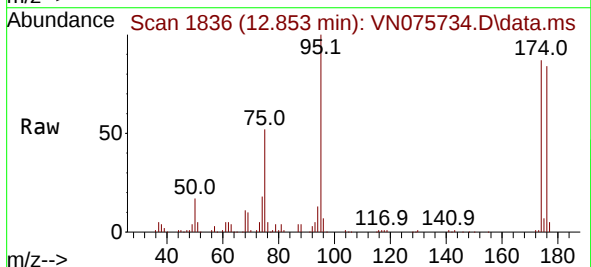
Tgt Ion: 95 Resp: 146408

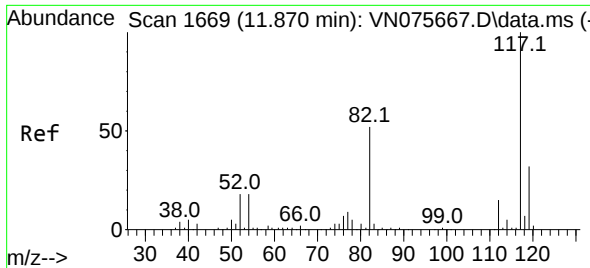
Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.6

176 83.4 0.0 170.8

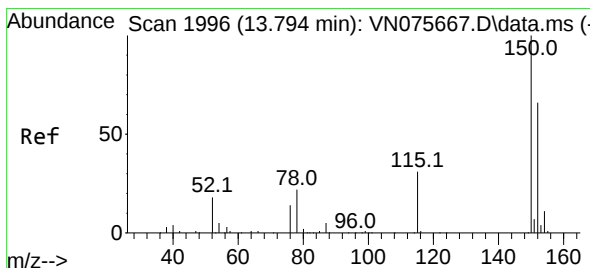
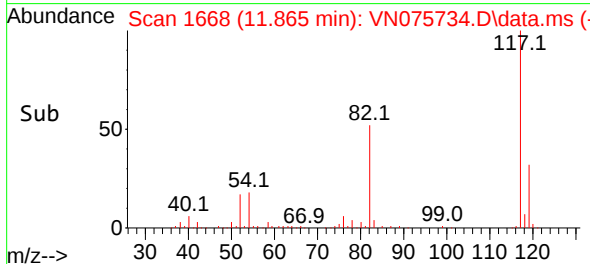
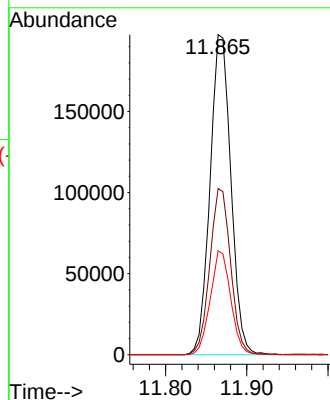
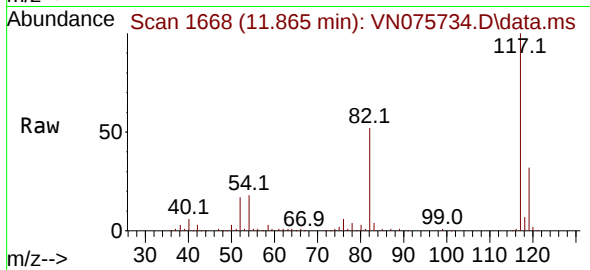




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075734.D
Acq: 13 Dec 2022 02:28

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL03

Tgt Ion:117 Resp: 352123
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075734.D
Acq: 13 Dec 2022 02:28

Tgt Ion:152 Resp: 153250
Ion Ratio Lower Upper
152 100
115 57.5 28.4 85.2
150 157.9 0.0 347.6

