

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082890.D
 Acq On : 12 Jul 2024 11:17
 Operator : JC\MD
 Sample : VN0712MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712MBL01

Quant Time: Jul 15 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	93737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	175790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	161161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	79849	60.768	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.540%
35) Dibromofluoromethane	8.171	113	65548	58.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.220%
50) Toluene-d8	10.565	98	210611	50.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.847	95	76016	50.794	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.580%

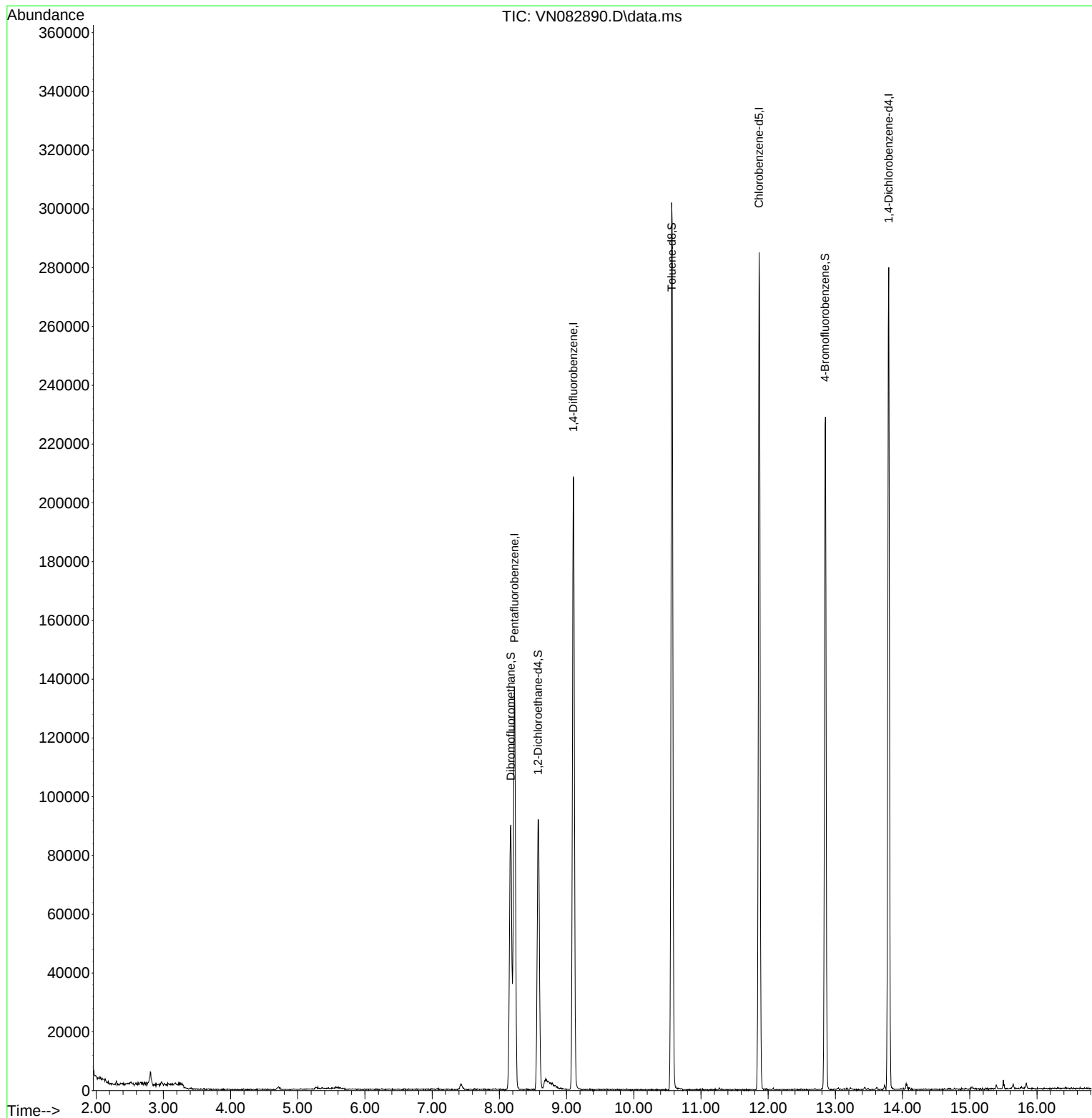
Target Compounds	Qvalue

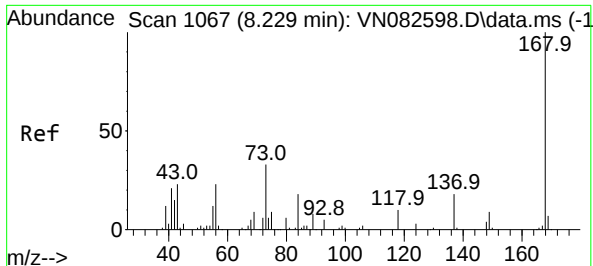
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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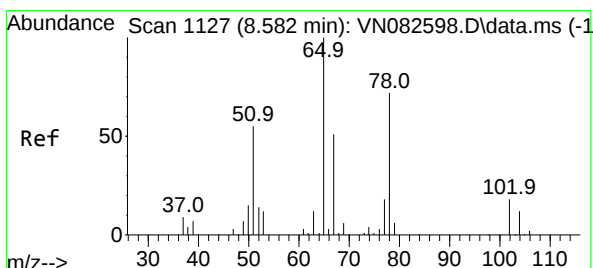
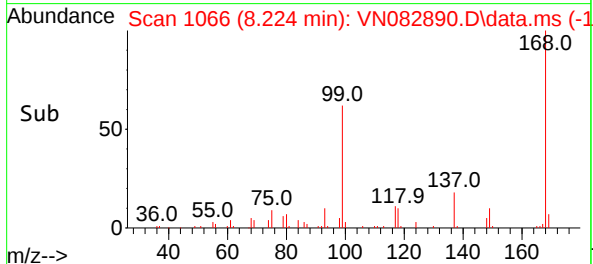
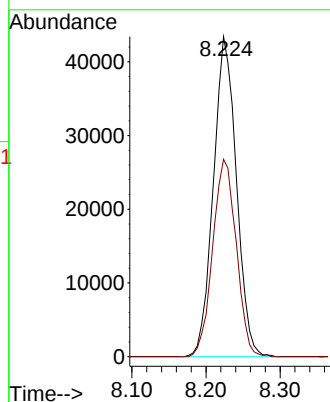
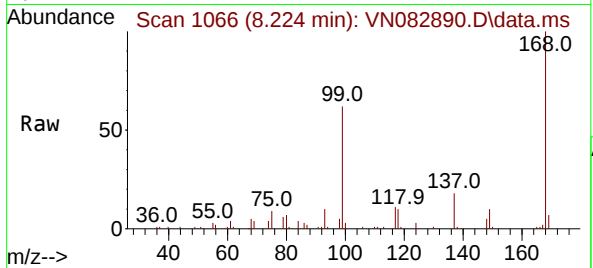




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

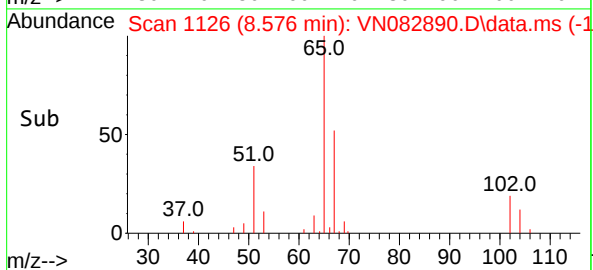
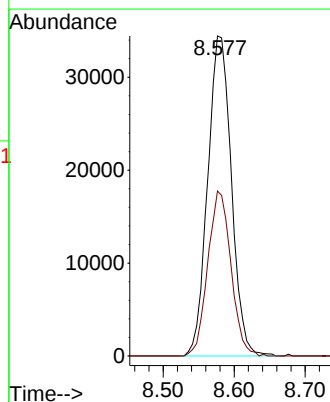
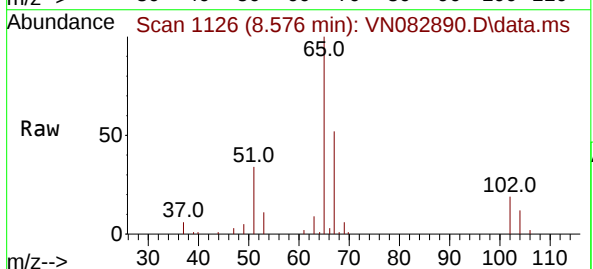
Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

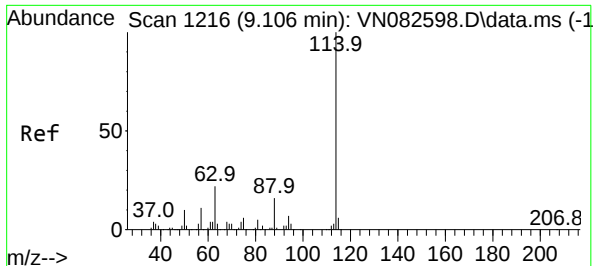
Tgt Ion:168 Resp: 93737
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.768 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion: 65 Resp: 79849
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0712MBL01

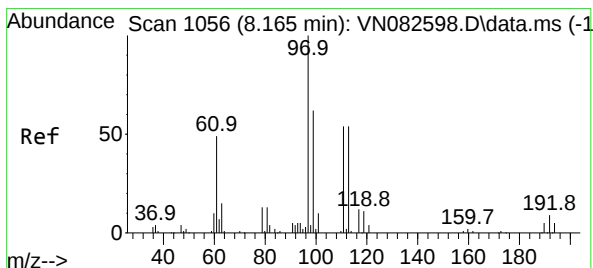
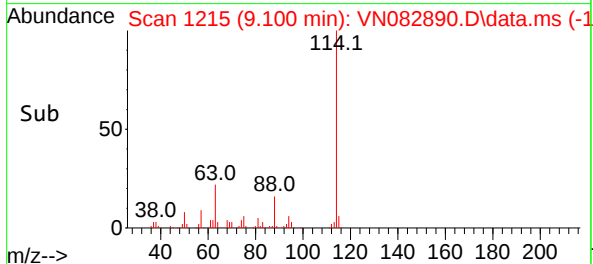
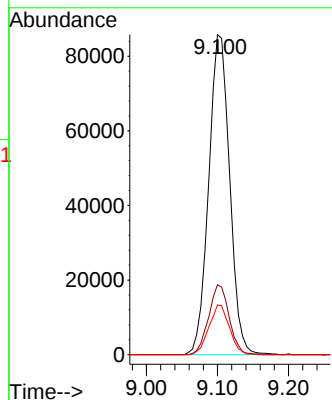
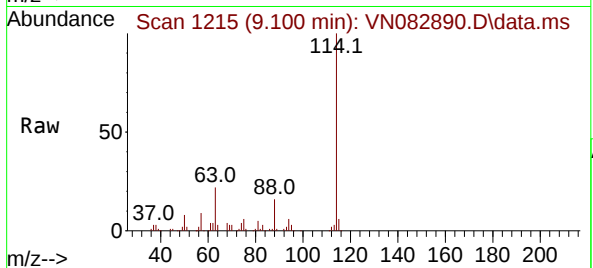
Tgt Ion:114 Resp: 175790

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 58.110 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

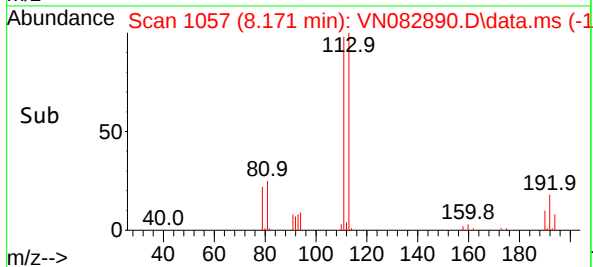
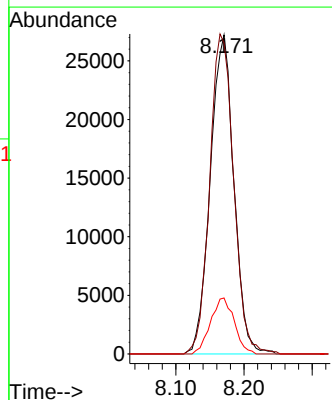
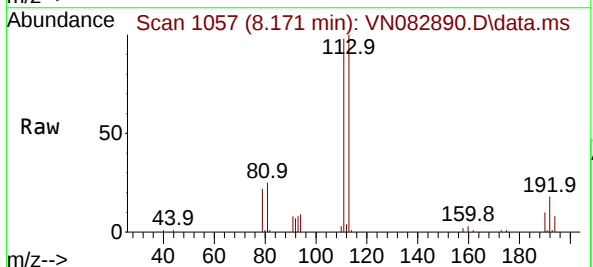
Tgt Ion:113 Resp: 65548

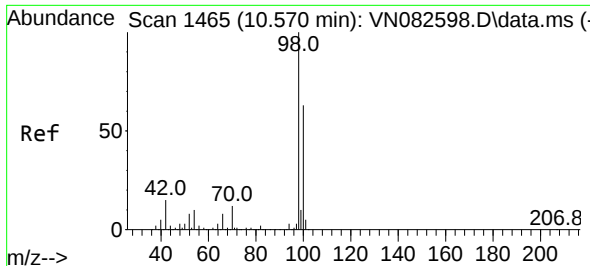
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.6 14.9 22.3

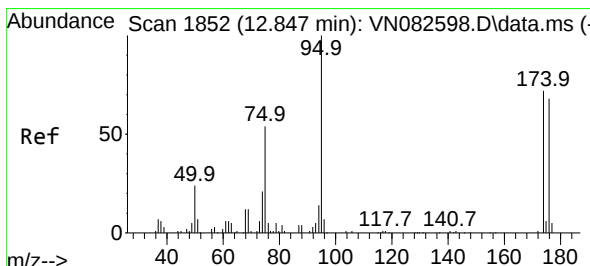
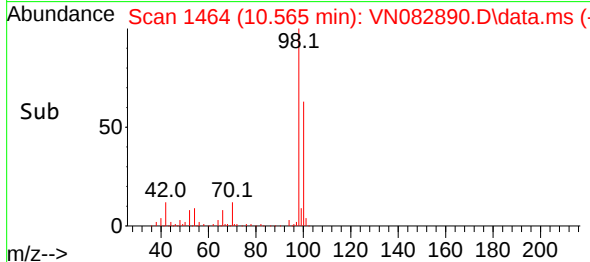
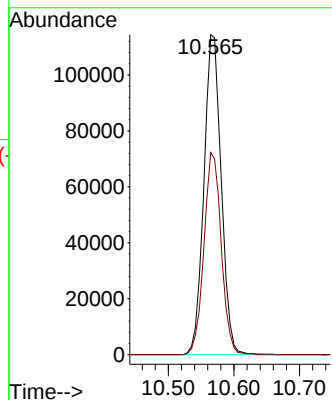
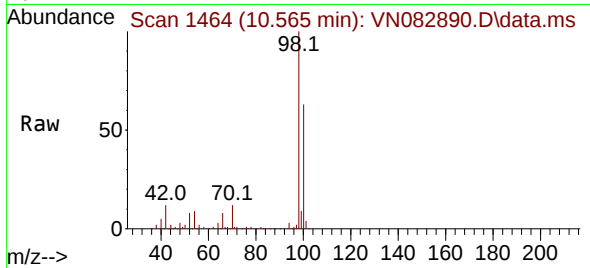




#50
Toluene-d8
Concen: 50.552 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

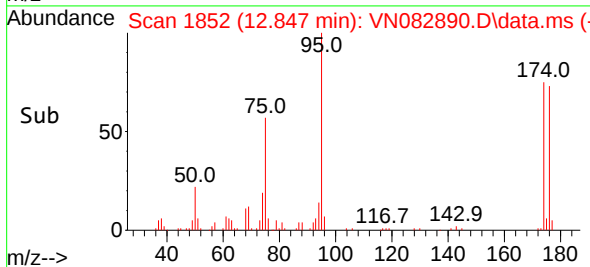
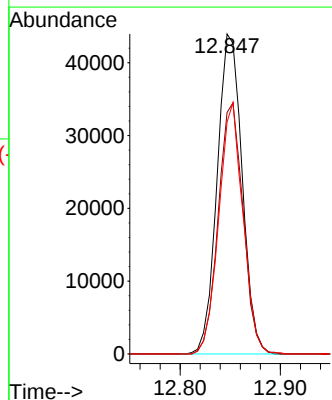
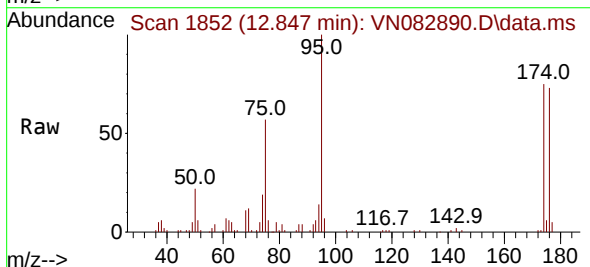
Instrument :
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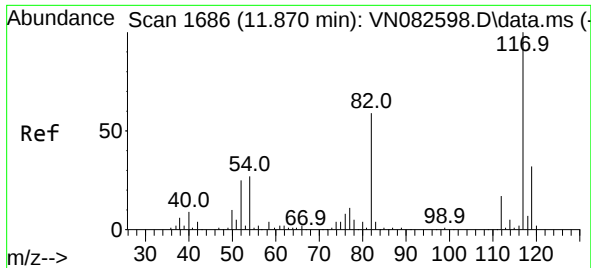
Tgt Ion: 98 Resp: 210611
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.794 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion: 95 Resp: 76016
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 75.9 0.0 147.6

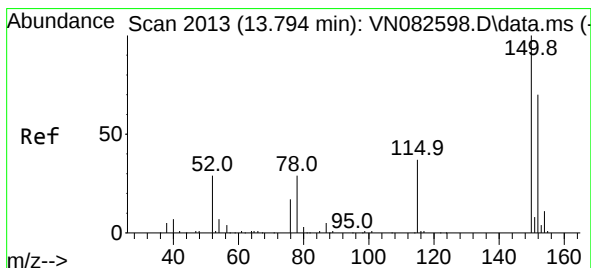
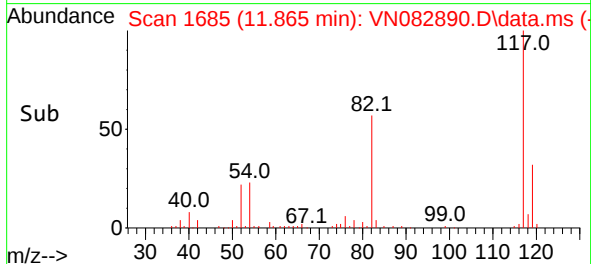
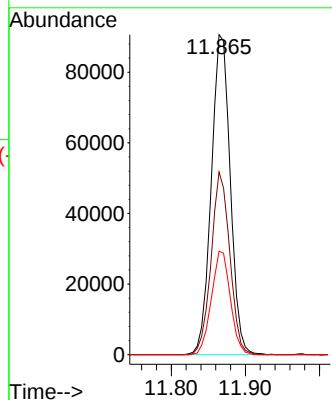
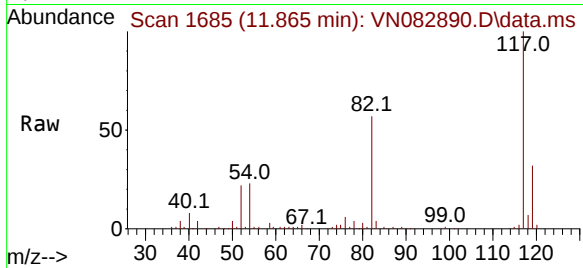




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0712MBL01

Tgt Ion:117 Resp: 161161
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 32.4 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: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion:152 Resp: 71903
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 160.8 0.0 348.6

