

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081357.D
 Acq On : 11 Mar 2024 12:41
 Operator : JC\MD
 Sample : P1683-07 100X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3524

Quant Time: Mar 12 04:51:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	310435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	558200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229799	51.197	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.400%
35) Dibromofluoromethane	8.165	113	176624	51.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	10.565	98	660140	51.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.853	95	204305	45.215	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.440%

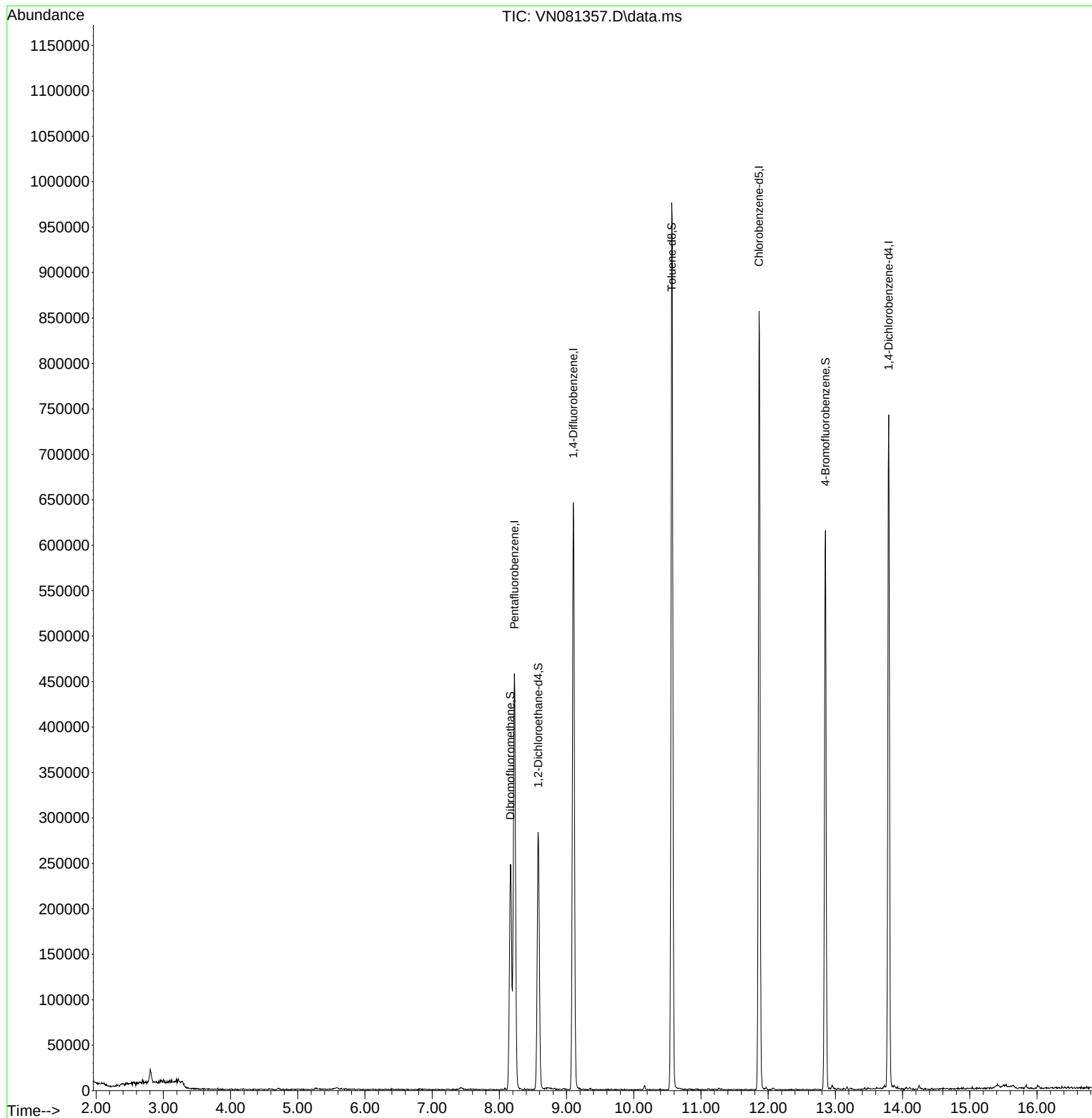
Target Compounds	Qvalue

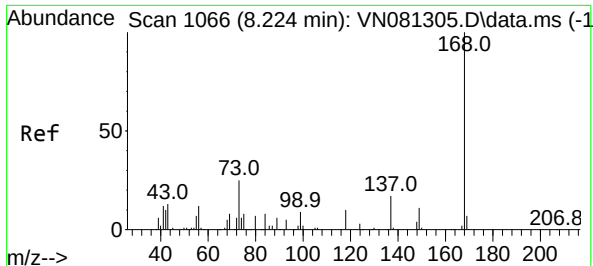
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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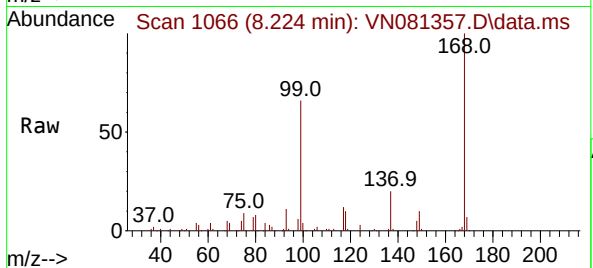
Quant Time: Mar 12 04:51:25 2024
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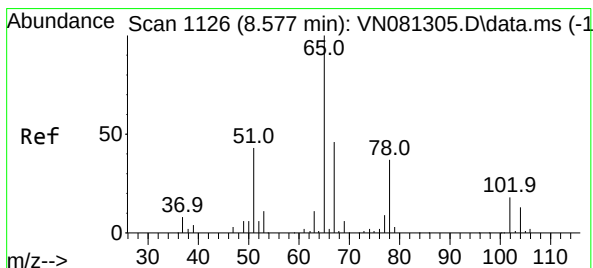
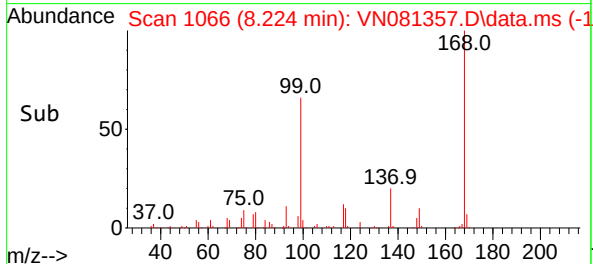
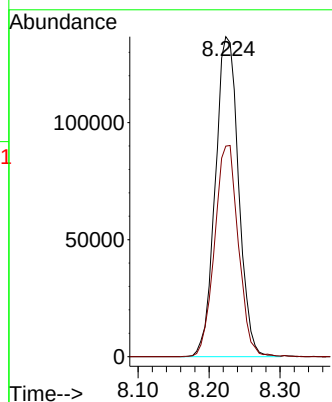


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Instrument :
MSVOA_N
ClientSampleId :
3524

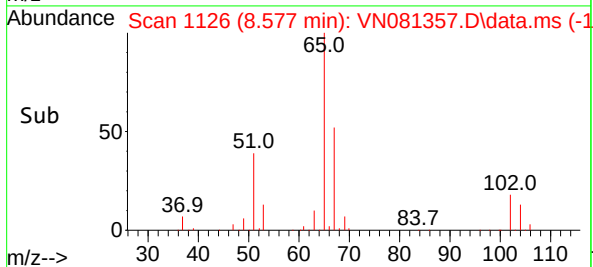
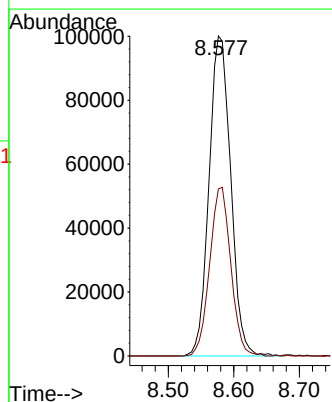
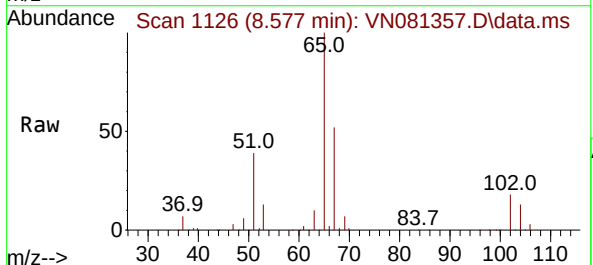


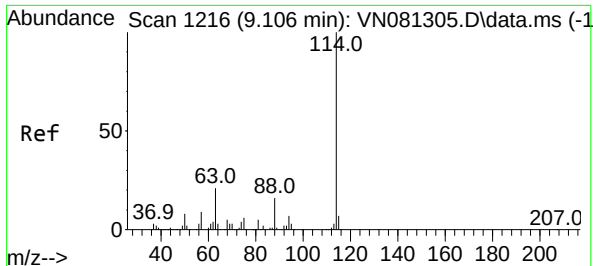
Tgt Ion:168 Resp: 310435
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.197 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 65 Resp: 229799
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

3524

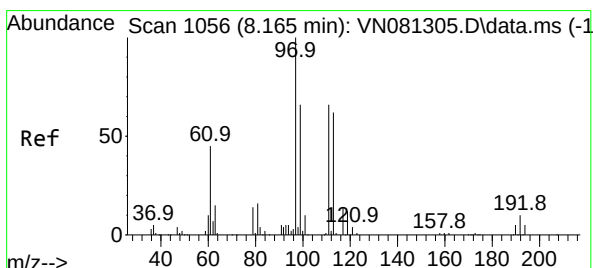
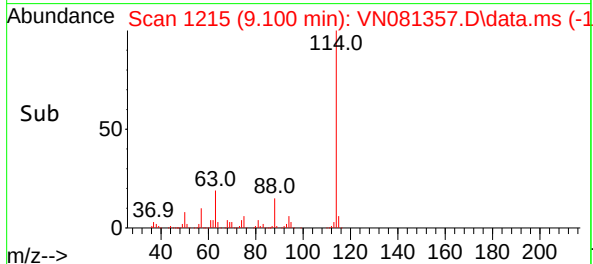
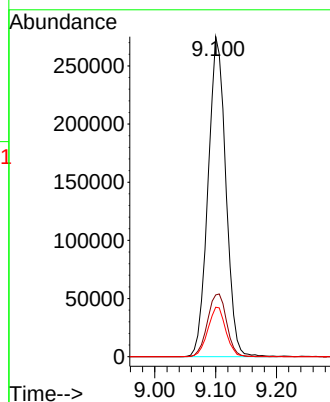
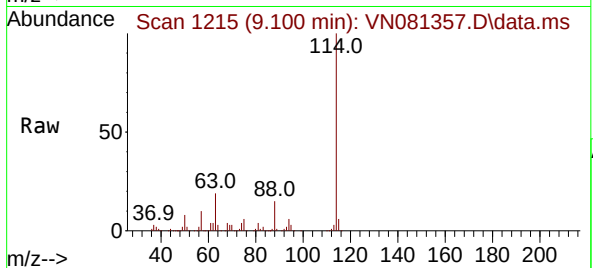
Tgt Ion:114 Resp: 558200

Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.646 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

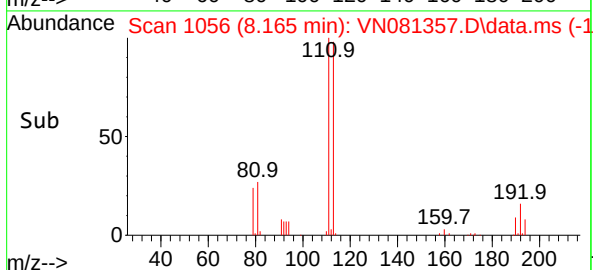
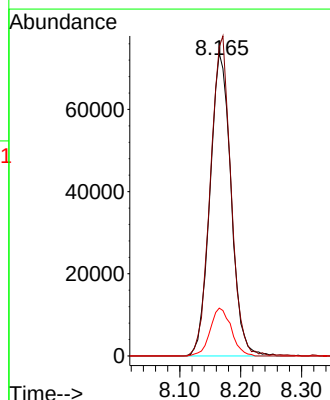
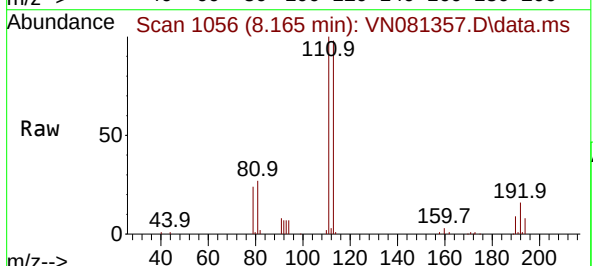
Tgt Ion:113 Resp: 176624

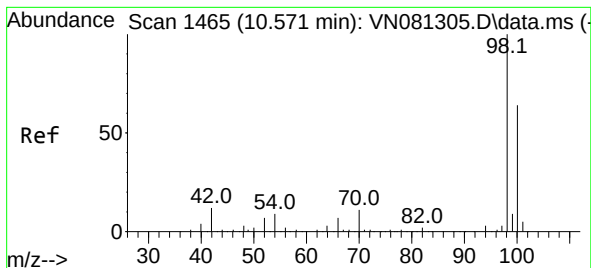
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 15.9 12.5 18.7





#50

Toluene-d8

Concen: 51.636 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

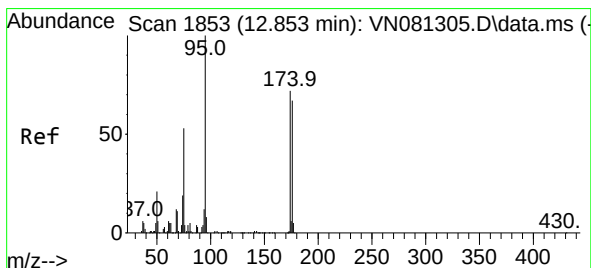
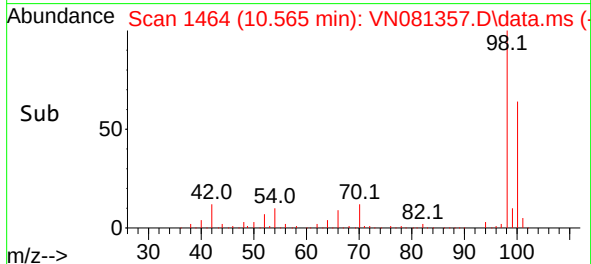
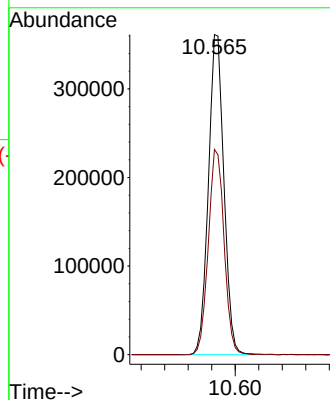
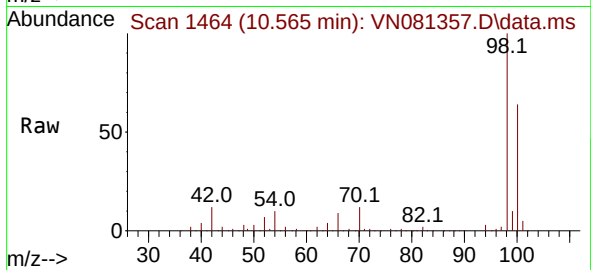
3524

Tgt Ion: 98 Resp: 660140

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.215 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

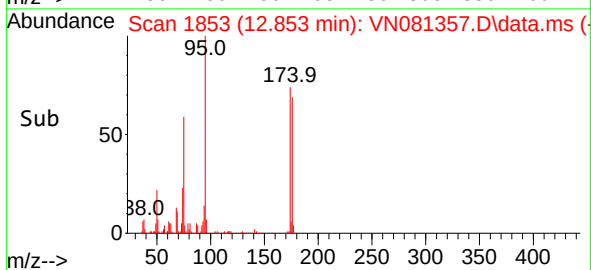
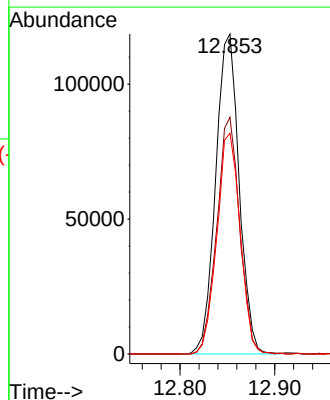
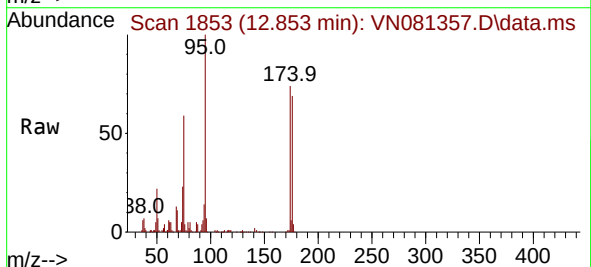
Tgt Ion: 95 Resp: 204305

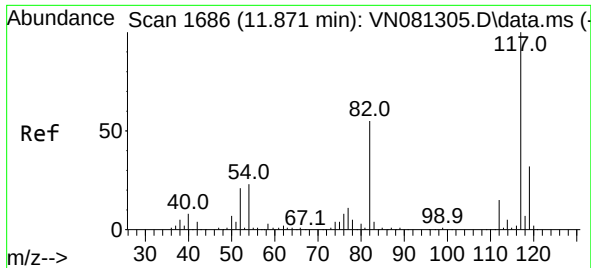
Ion Ratio Lower Upper

95 100

174 72.1 0.0 120.4

176 68.4 0.0 121.0

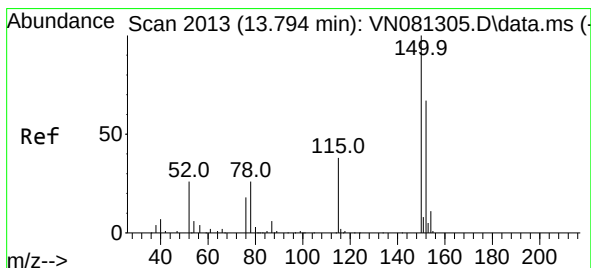
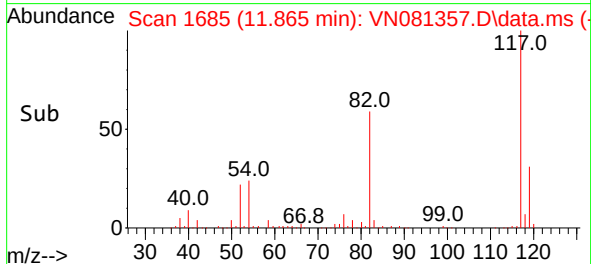
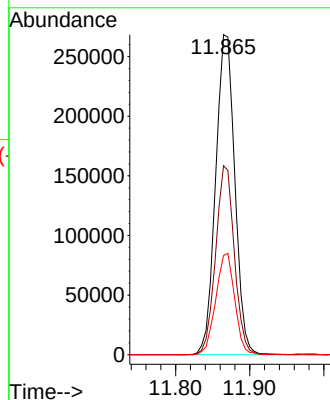
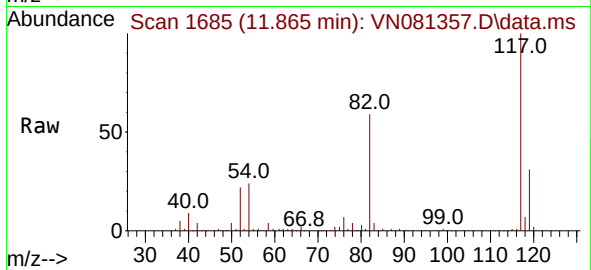




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Instrument :
MSVOA_N
ClientSampleId :
3524

Tgt Ion:117 Resp: 482708
Ion Ratio Lower Upper
117 100
82 59.0 52.7 79.1
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion:152 Resp: 186315
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 161.8 0.0 339.8

