

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081574.D
 Acq On : 26 Mar 2024 12:29
 Operator : JC\MD
 Sample : VN0326MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBL01

Quant Time: Mar 27 04:34:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	434520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	752130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	652876	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	268219	48.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.165	113	234180	49.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.565	98	870084	50.708	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.847	95	275886	45.630	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.260%

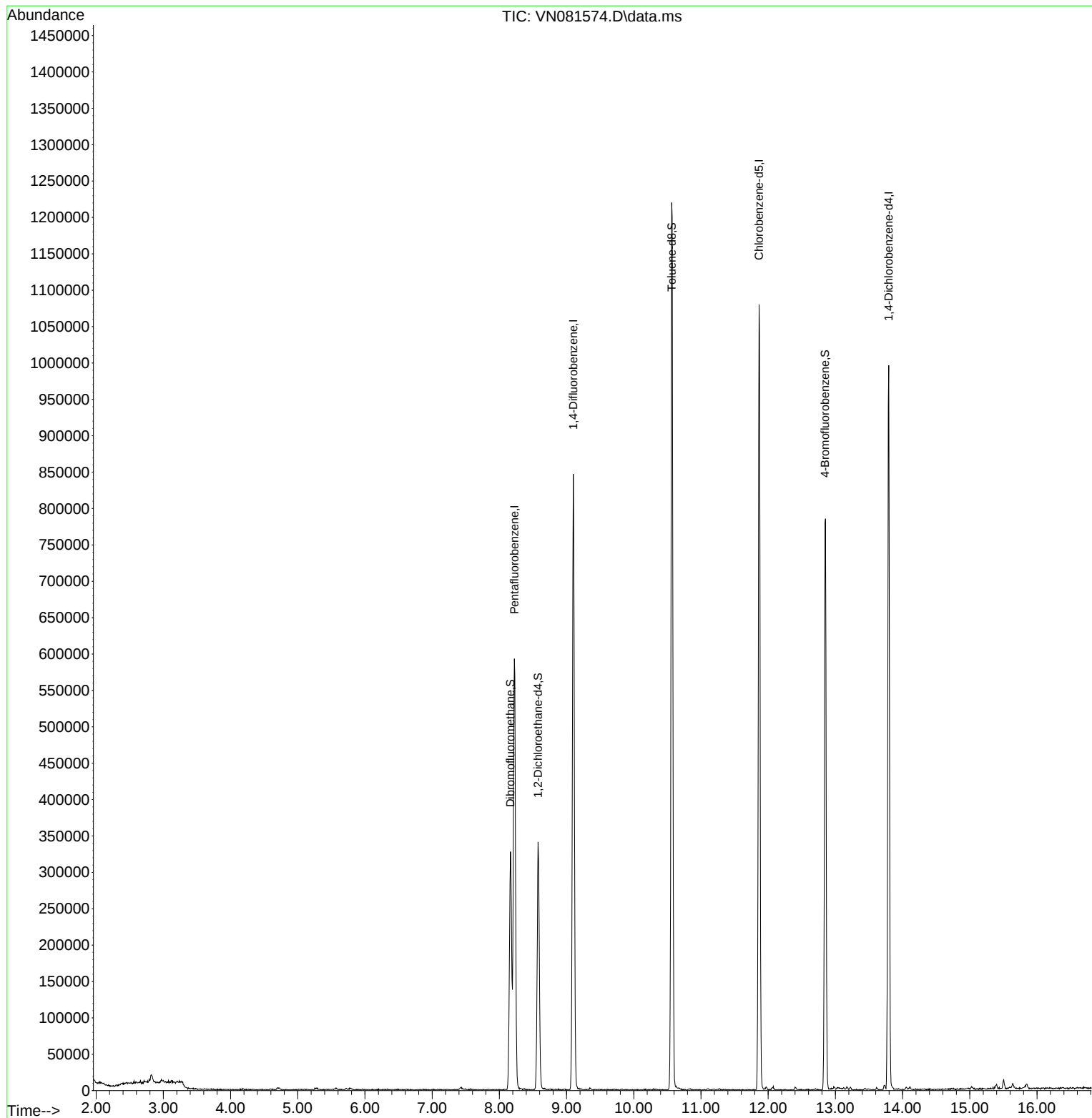
Target Compounds	Qvalue

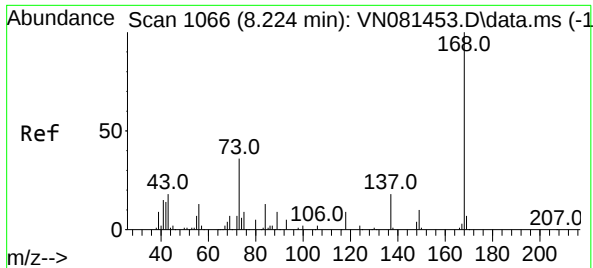
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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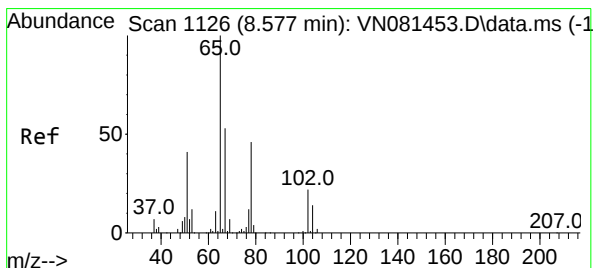
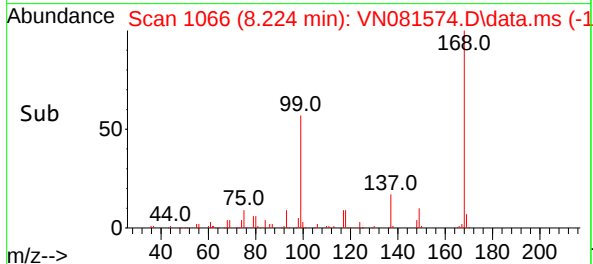
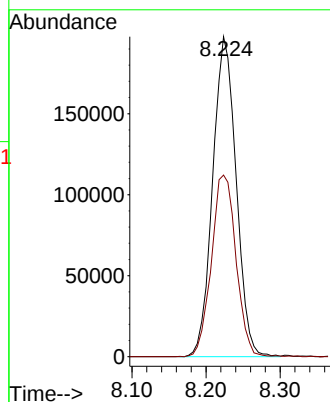
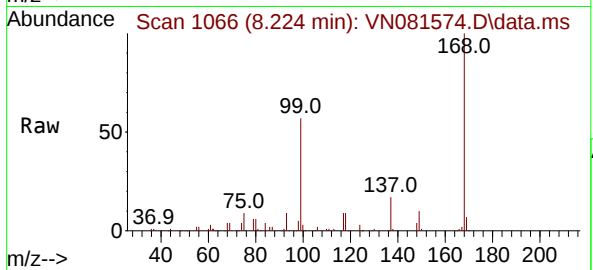




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081574.D
Acq: 26 Mar 2024 12:29

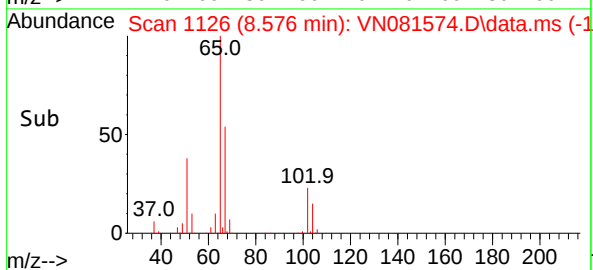
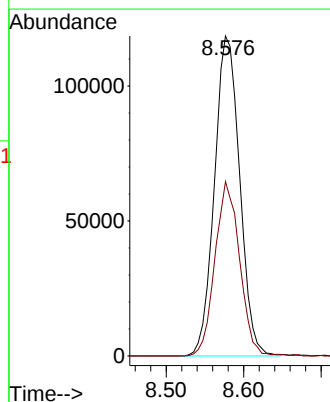
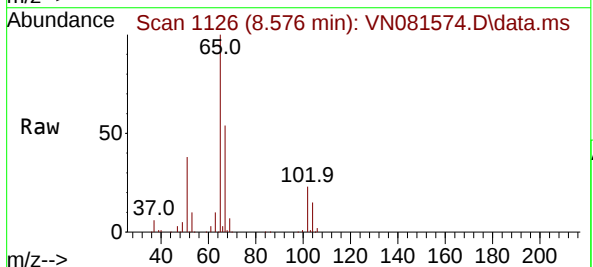
Instrument :
MSVOA_N
ClientSampleId :
VN0326MBL01

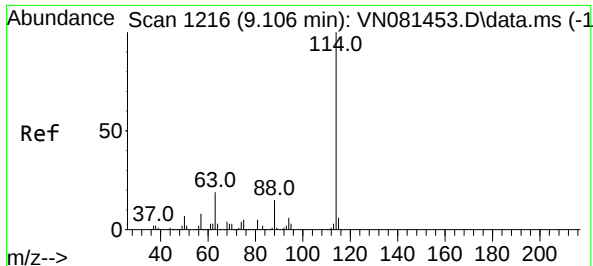
Tgt Ion:168 Resp: 434520
Ion Ratio Lower Upper
168 100
99 56.6 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081574.D
Acq: 26 Mar 2024 12:29

Tgt Ion: 65 Resp: 268219
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081574.D

Acq: 26 Mar 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0326MBL01

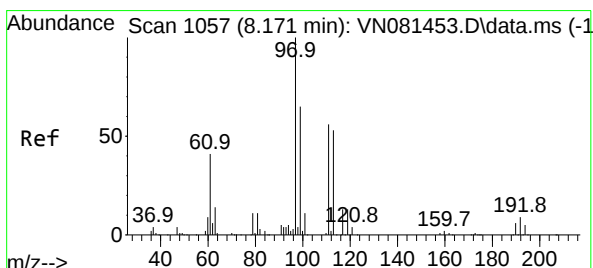
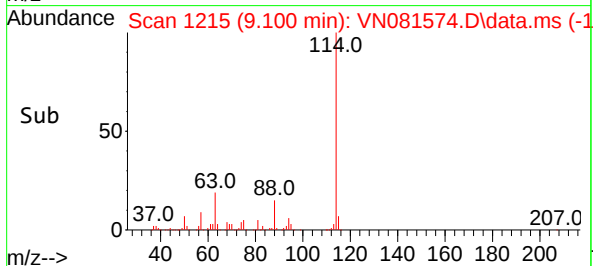
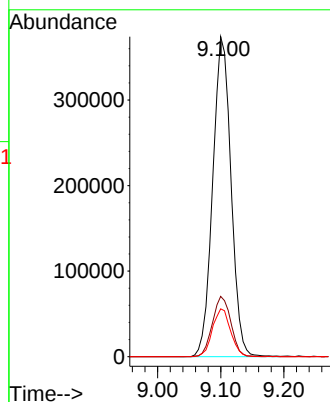
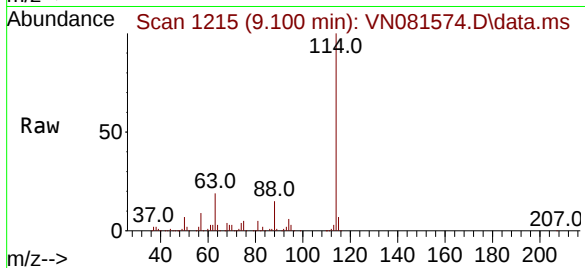
Tgt Ion:114 Resp: 752130

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.335 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081574.D

Acq: 26 Mar 2024 12:29

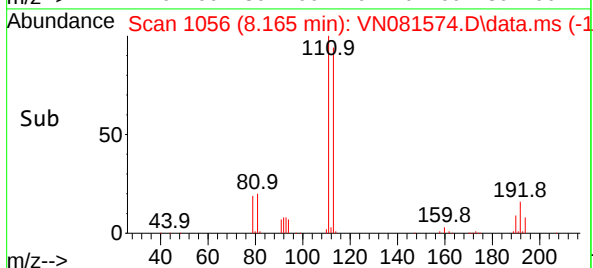
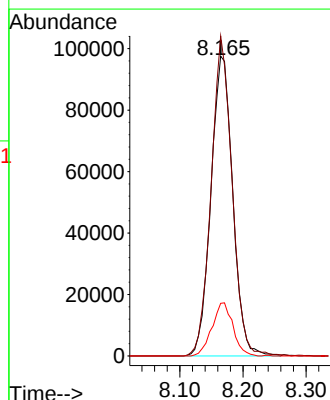
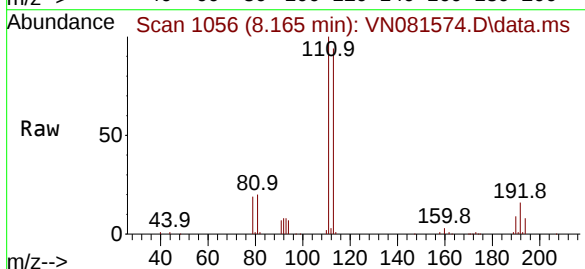
Tgt Ion:113 Resp: 234180

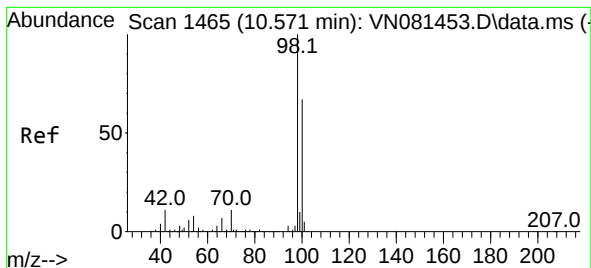
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.0 12.5 18.7





#50

Toluene-d8

Concen: 50.708 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081574.D

Acq: 26 Mar 2024 12:29

Instrument :

MSVOA_N

ClientSampleId :

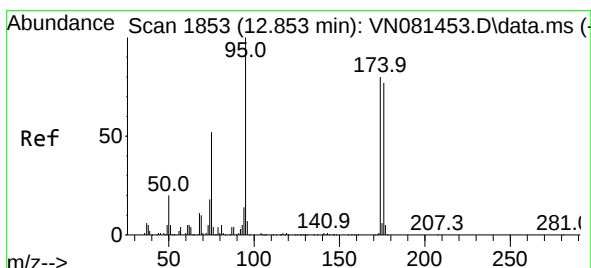
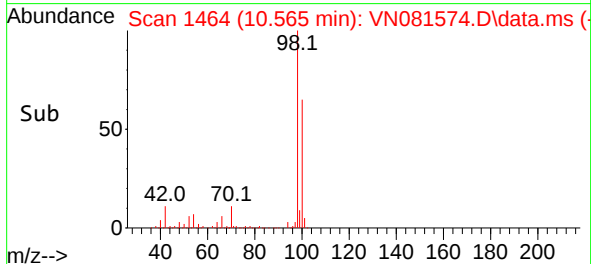
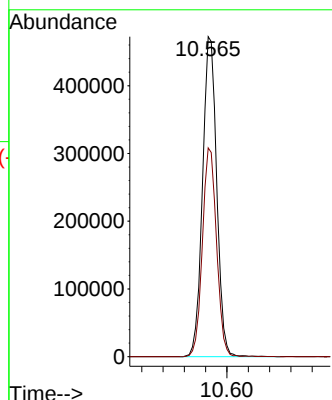
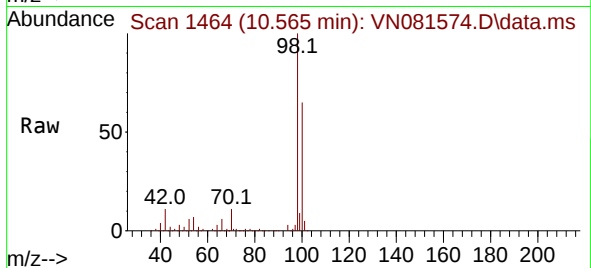
VN0326MBL01

Tgt Ion: 98 Resp: 870084

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.630 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081574.D

Acq: 26 Mar 2024 12:29

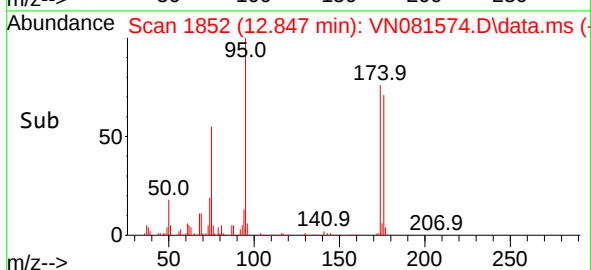
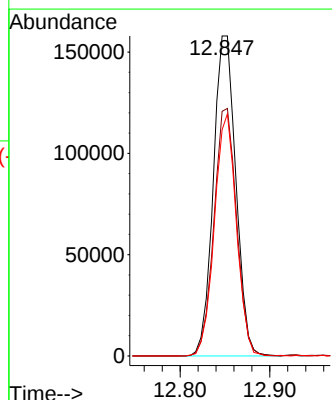
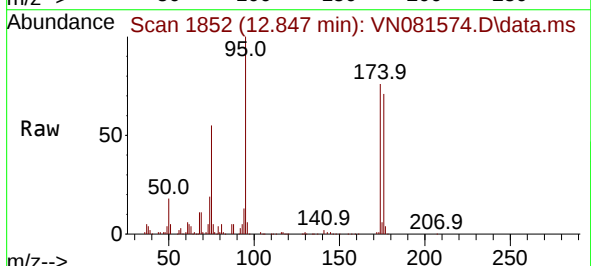
Tgt Ion: 95 Resp: 275886

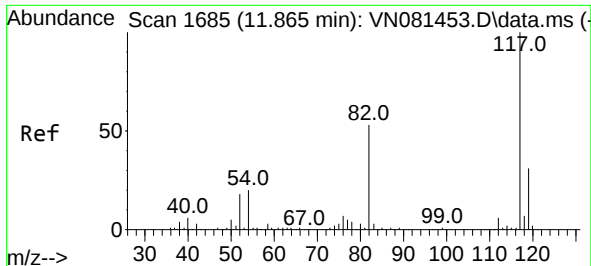
Ion Ratio Lower Upper

95 100

174 77.6 0.0 120.4

176 73.4 0.0 121.0

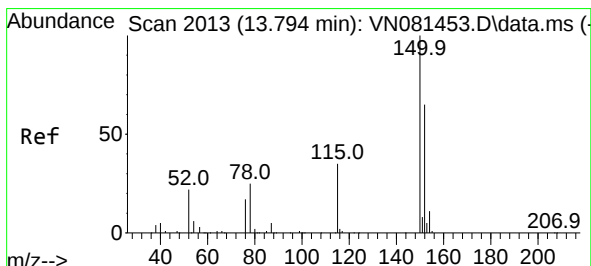
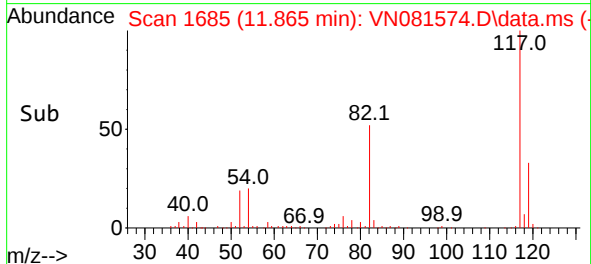
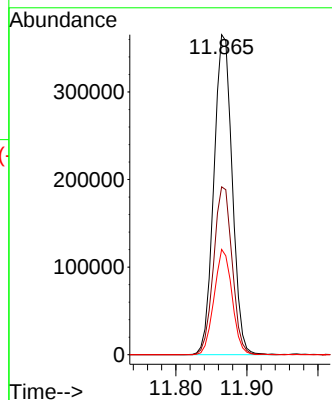
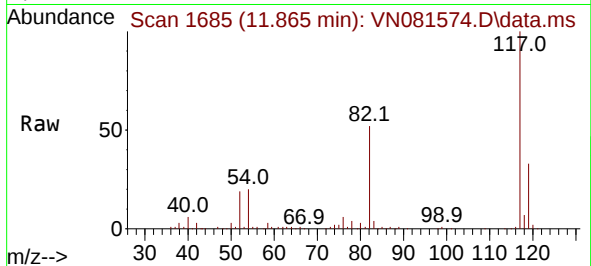




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081574.D
Acq: 26 Mar 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0326MBL01

Tgt Ion:117 Resp: 652876
Ion Ratio Lower Upper
117 100
82 52.5 52.7 79.1#
119 32.9 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: VN081574.D
Acq: 26 Mar 2024 12:29

Tgt Ion:152 Resp: 270445
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.8 0.0 339.8

