

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081274.D
 Acq On : 01 Mar 2024 10:25
 Operator : JC\MD
 Sample : VN0301MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301MBL01

Quant Time: Mar 01 22:12:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	288998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	536728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	454976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214327	60.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.000%
35) Dibromofluoromethane	8.165	113	162737	53.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.240%
50) Toluene-d8	10.565	98	637470	59.137	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	118.280%#
62) 4-Bromofluorobenzene	12.847	95	189915	46.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.780%

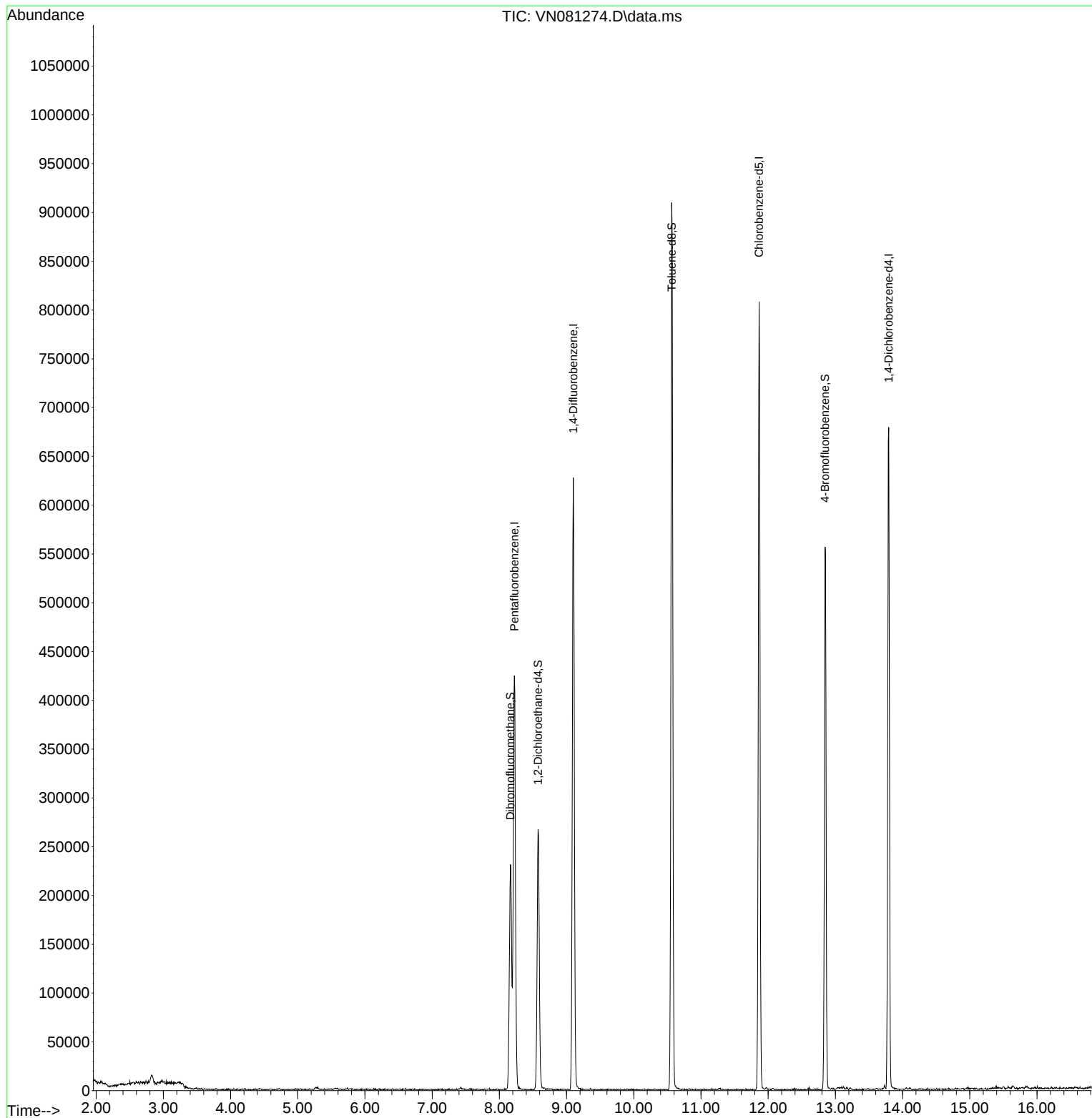
Target Compounds	Qvalue

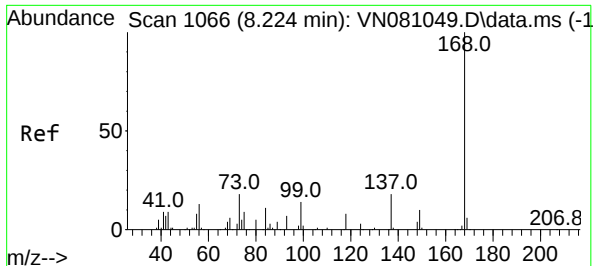
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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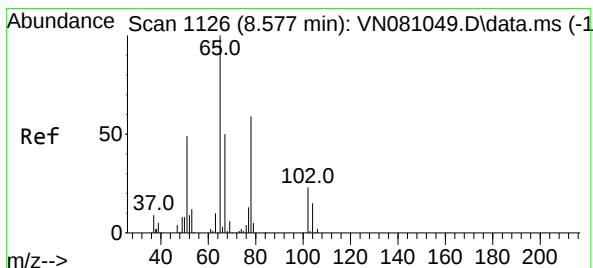
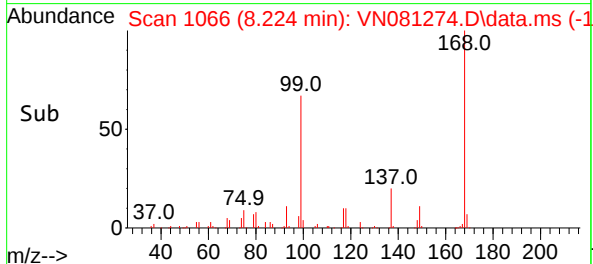
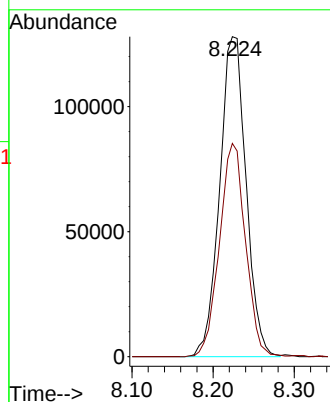
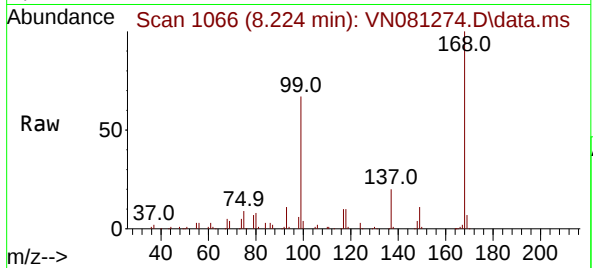




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

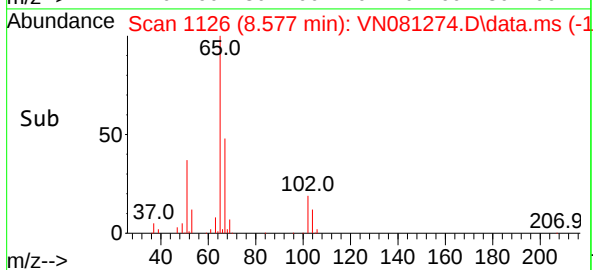
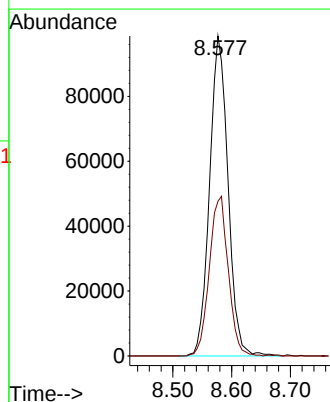
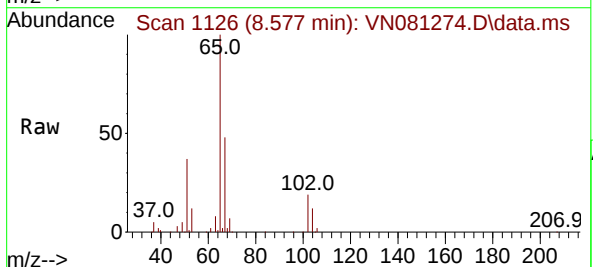
Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

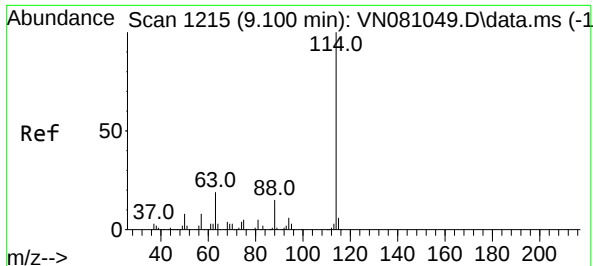
Tgt Ion:168 Resp: 288998
Ion Ratio Lower Upper
168 100
99 66.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 60.505 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 65 Resp: 214327
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0301MBL01

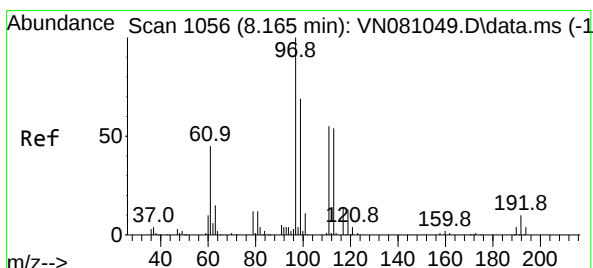
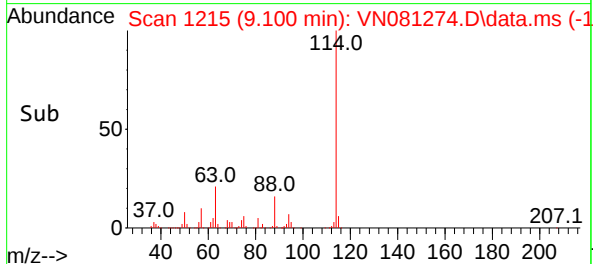
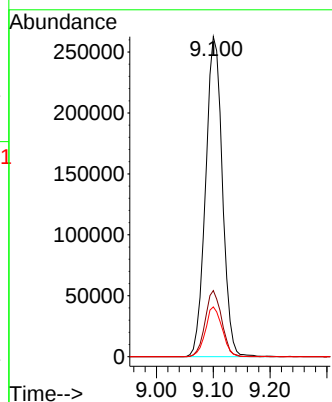
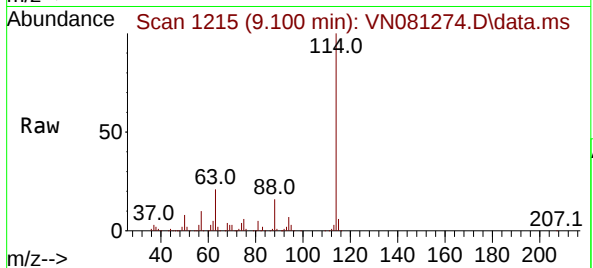
Tgt Ion:114 Resp: 536728

Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.620 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081274.D

Acq: 01 Mar 2024 10:25

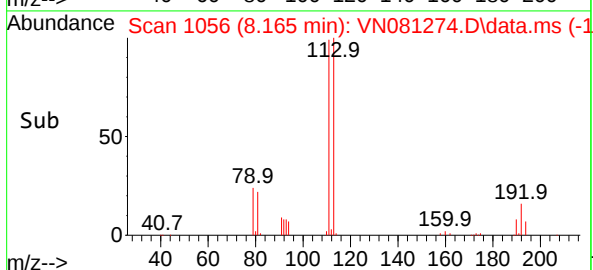
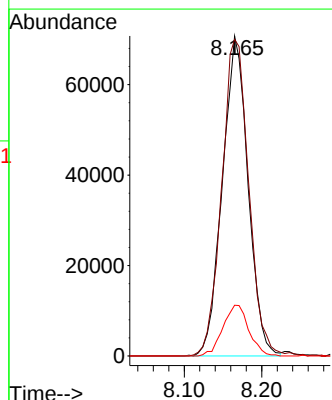
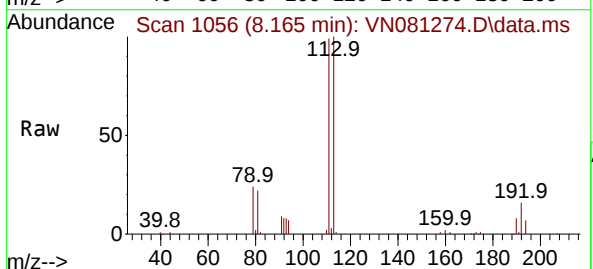
Tgt Ion:113 Resp: 162737

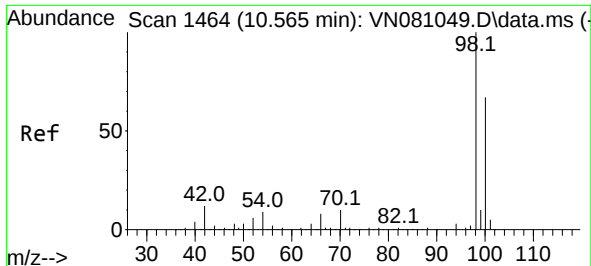
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 16.1 12.5 18.7

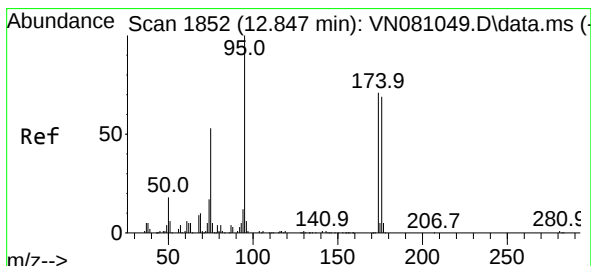
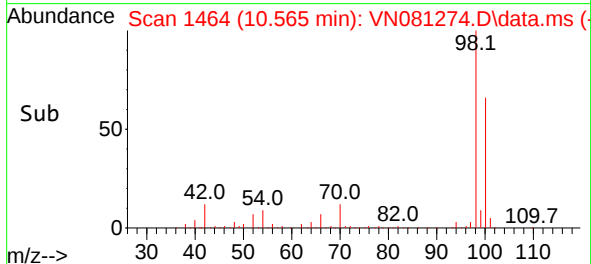
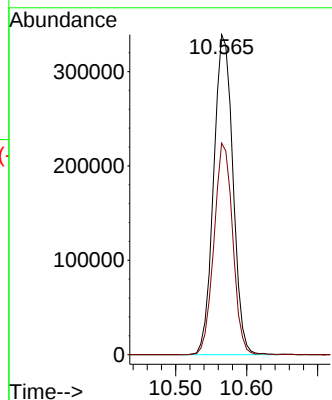
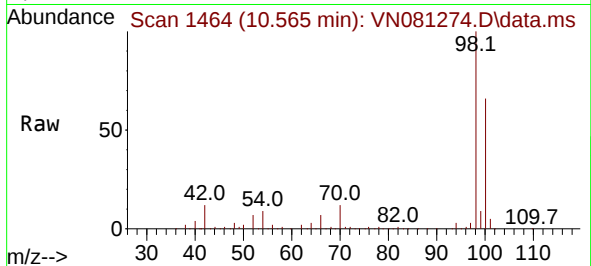




#50
Toluene-d8
Concen: 59.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

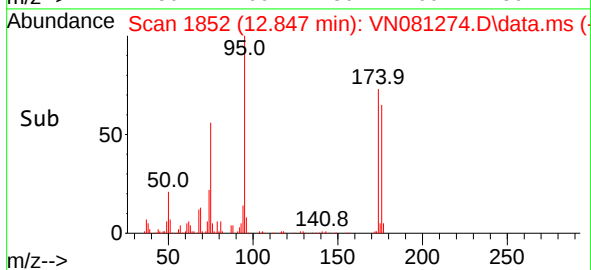
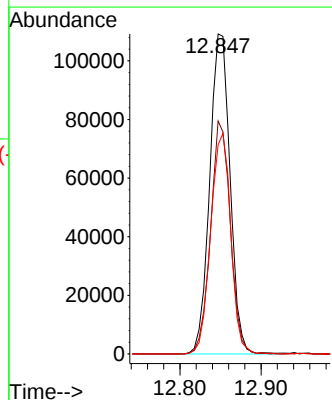
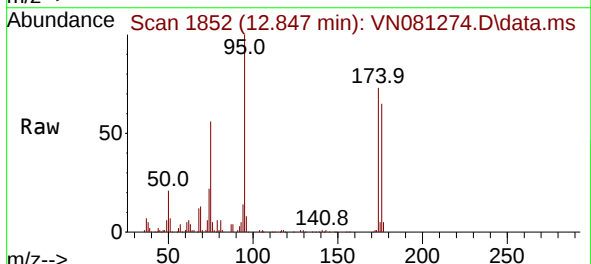
Instrument :
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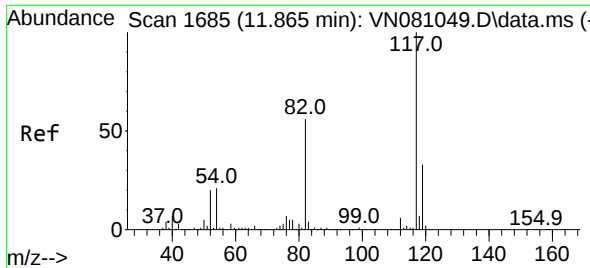
Tgt Ion: 98 Resp: 637470
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion: 95 Resp: 189915
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 68.0 0.0 121.0

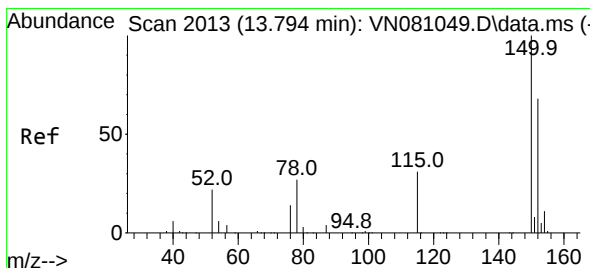
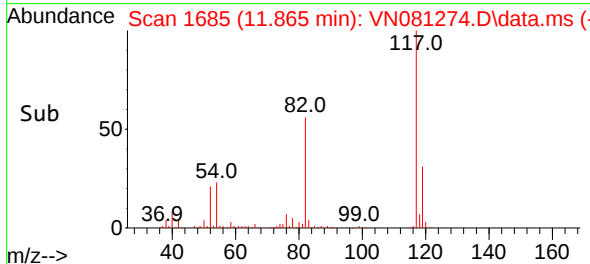
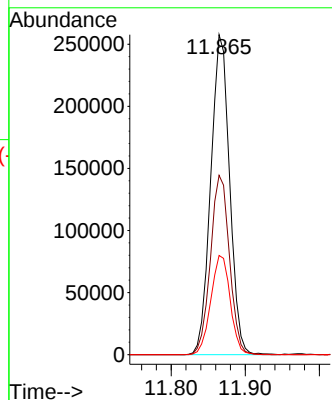
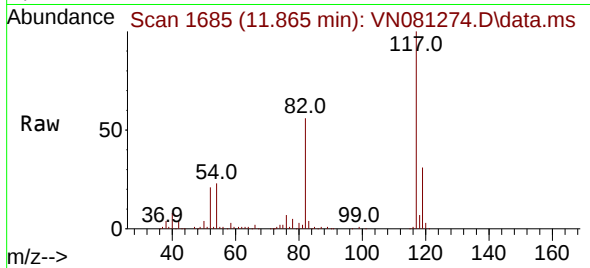




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081274.D
Acq: 01 Mar 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0301MBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	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: VN081274.D
Acq: 01 Mar 2024 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	155.2	0.0	339.8

