

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081954.D
 Acq On : 01 May 2024 14:14
 Operator : JC\MD
 Sample : P2306-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429

Quant Time: May 02 01:36:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	148055	45.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.600%
35) Dibromofluoromethane	8.171	113	113251	49.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	476189	52.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.847	95	159520	44.774	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.540%

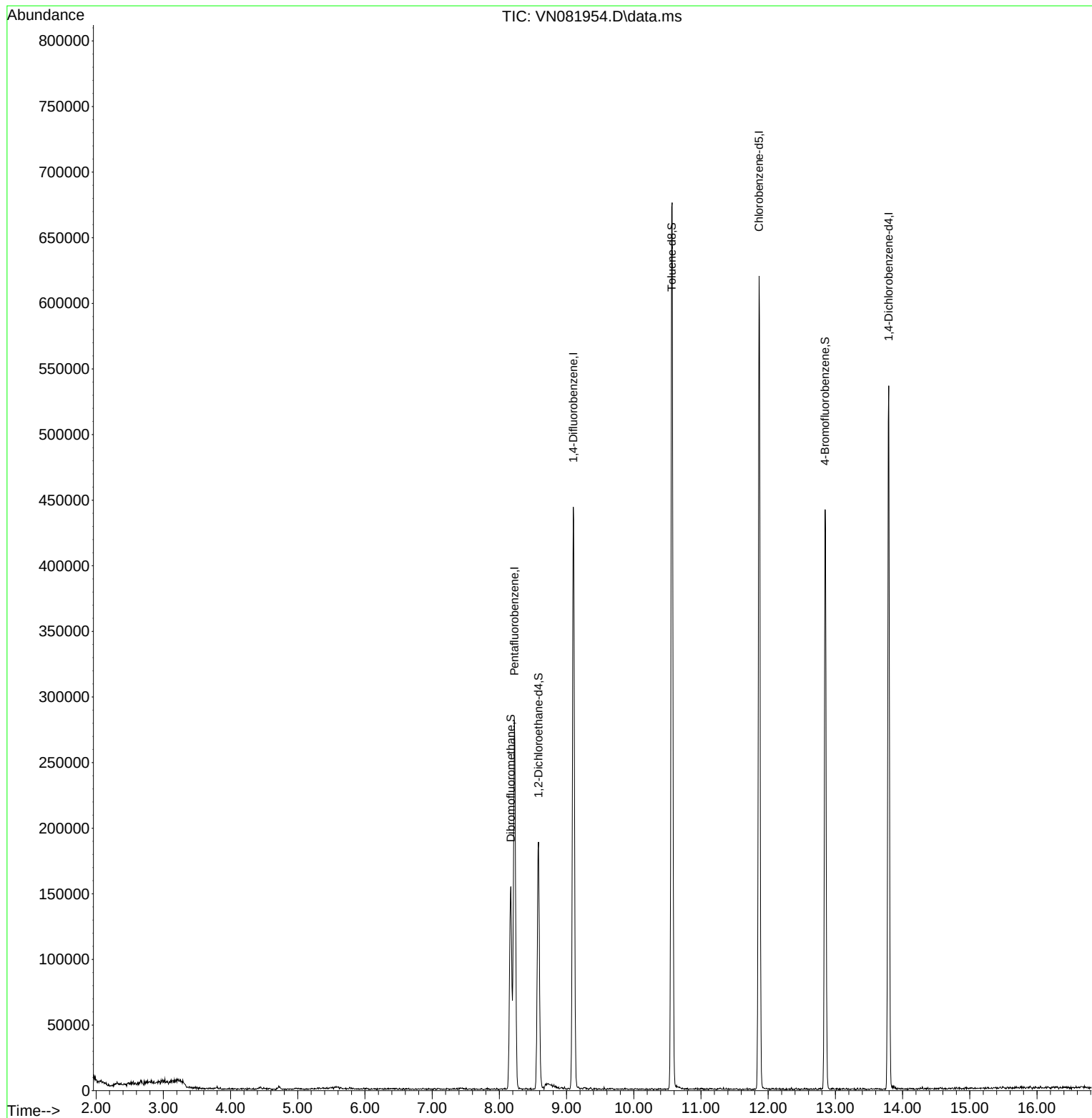
Target Compounds	Qvalue

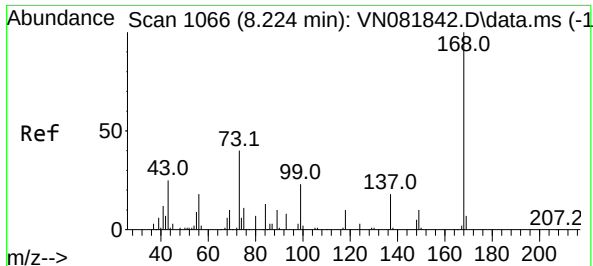
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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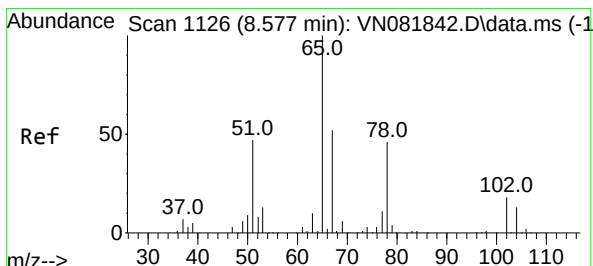
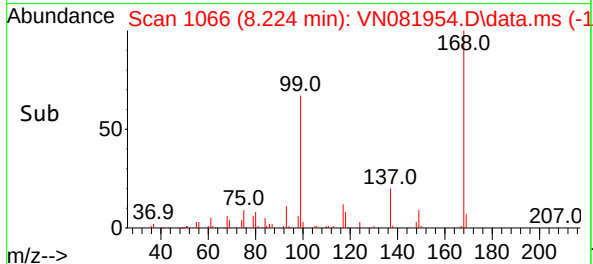
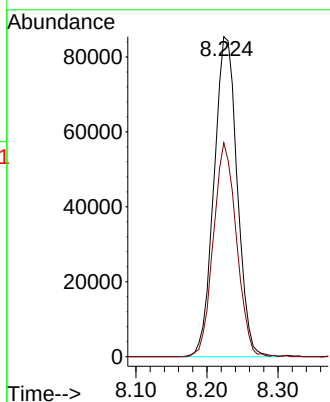
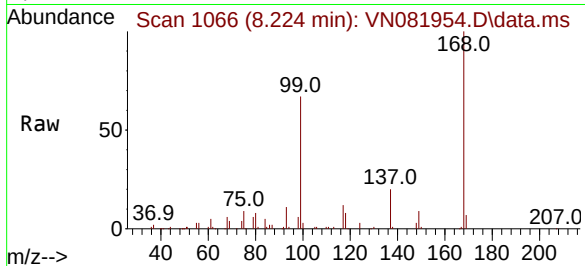




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

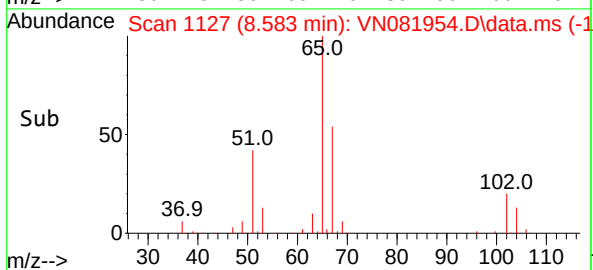
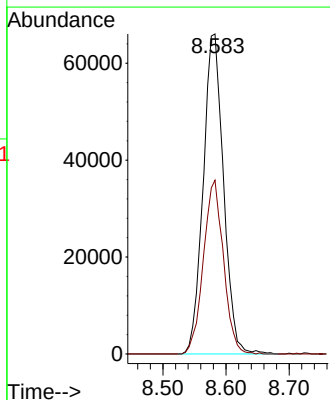
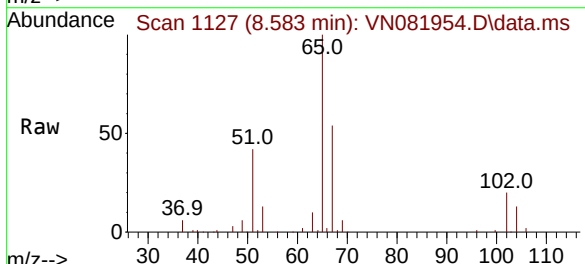
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429

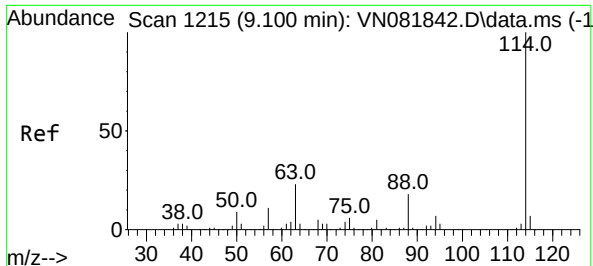
Tgt Ion:168 Resp: 193662
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.298 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

Tgt Ion: 65 Resp: 148055
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

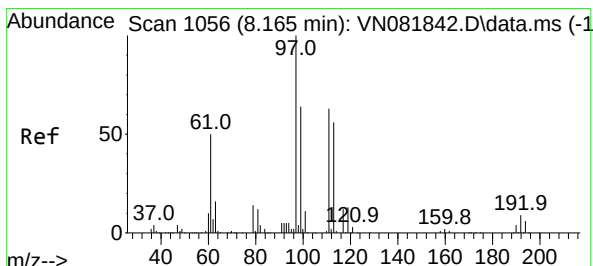
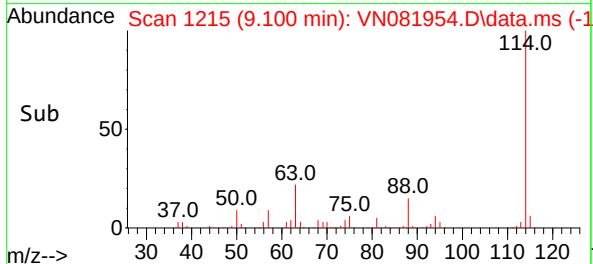
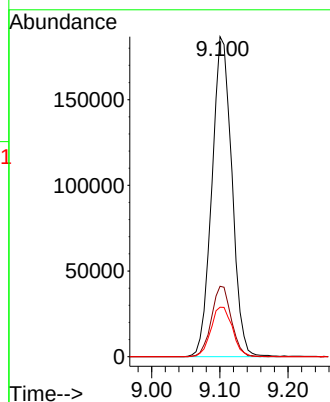
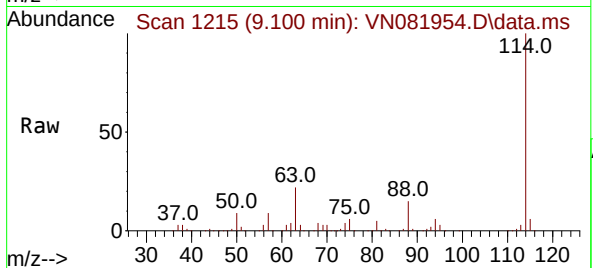




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

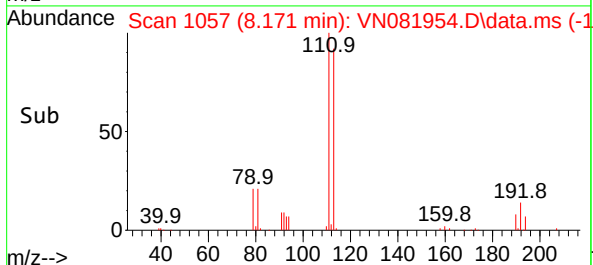
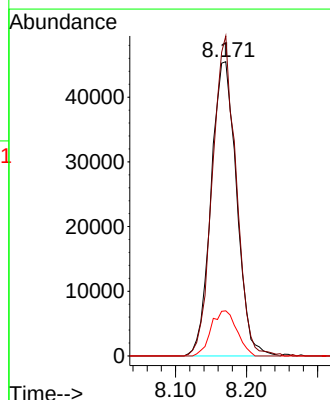
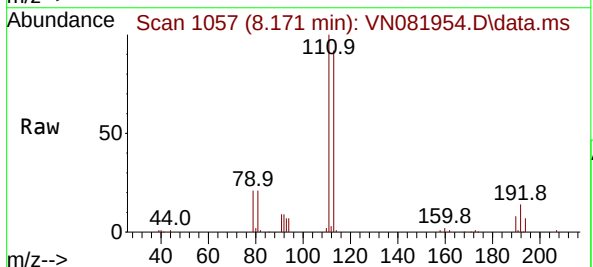
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429

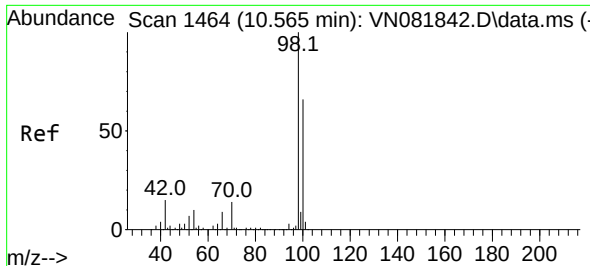
Tgt Ion:114 Resp: 381144
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.0
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

Tgt Ion:113 Resp: 113251
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.2
192 15.5 14.0 21.0

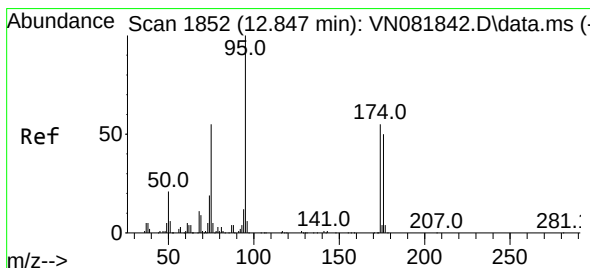
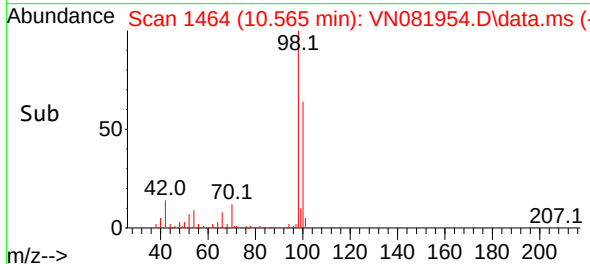
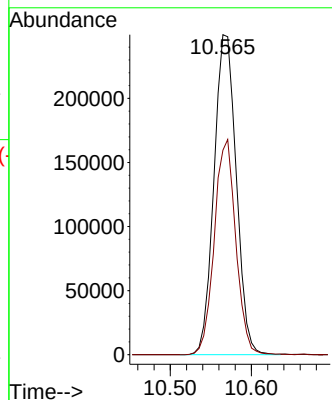
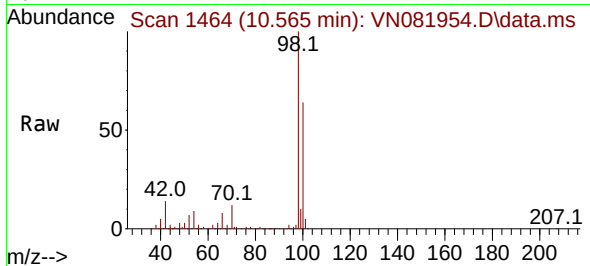




#50
Toluene-d8
Concen: 52.835 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

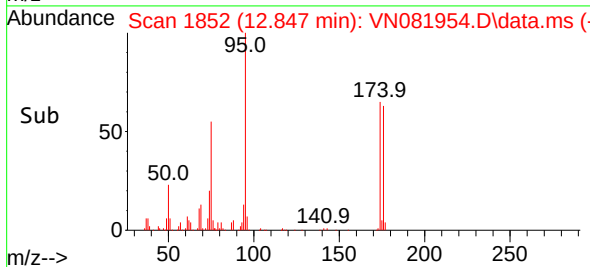
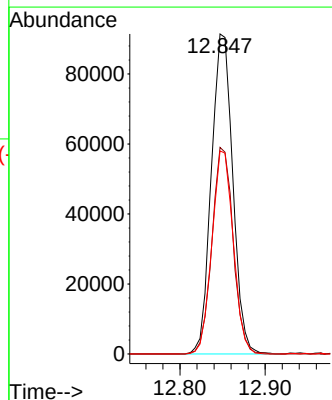
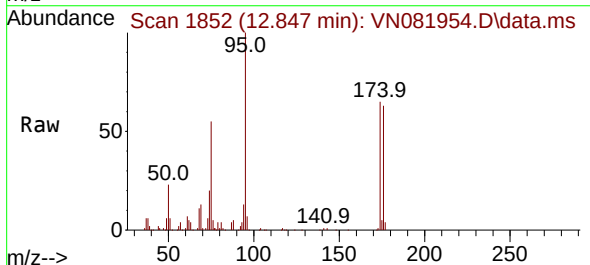
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429

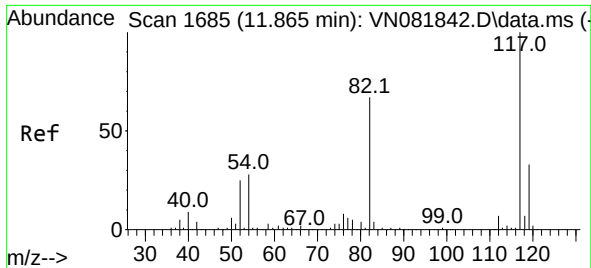
Tgt Ion: 98 Resp: 476189
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.774 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

Tgt Ion: 95 Resp: 159520
Ion Ratio Lower Upper
95 100
174 63.9 0.0 160.6
176 63.0 0.0 152.8

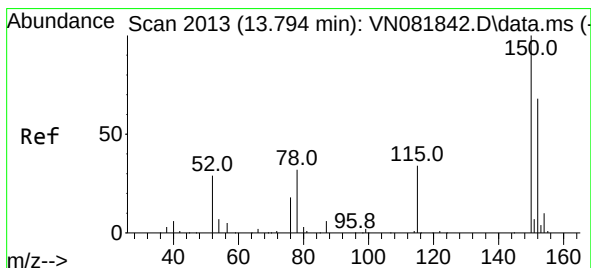
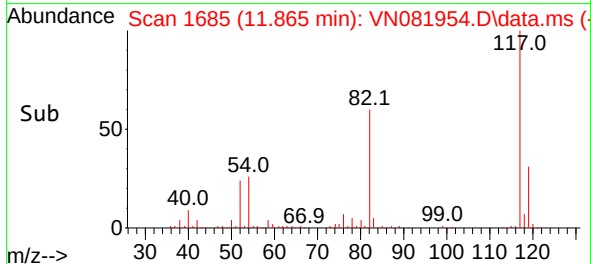
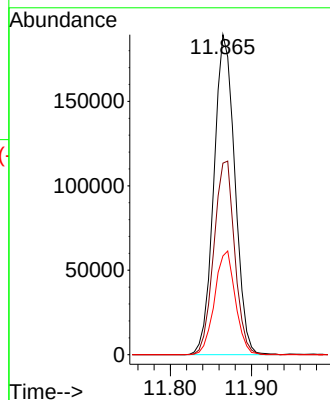
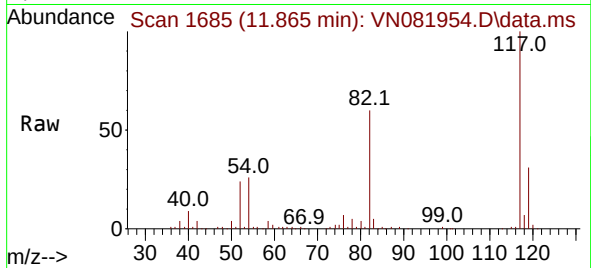




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429

Tgt Ion:117 Resp: 340567
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081954.D
Acq: 01 May 2024 14:14

Tgt Ion:152 Resp: 134472
Ion Ratio Lower Upper
152 100
115 63.3 30.4 91.3
150 154.5 0.0 353.2

