

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081113.D
 Acq On : 21 Feb 2024 12:24
 Operator : JC\MD
 Sample : P1528-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-20240215

Quant Time: Feb 22 04:45:09 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	398255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	721068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	613194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	219550	44.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.960%
35) Dibromofluoromethane	8.165	113	185972	45.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	10.565	98	621109	42.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.780%#
62) 4-Bromofluorobenzene	12.847	95	230092	42.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.560%

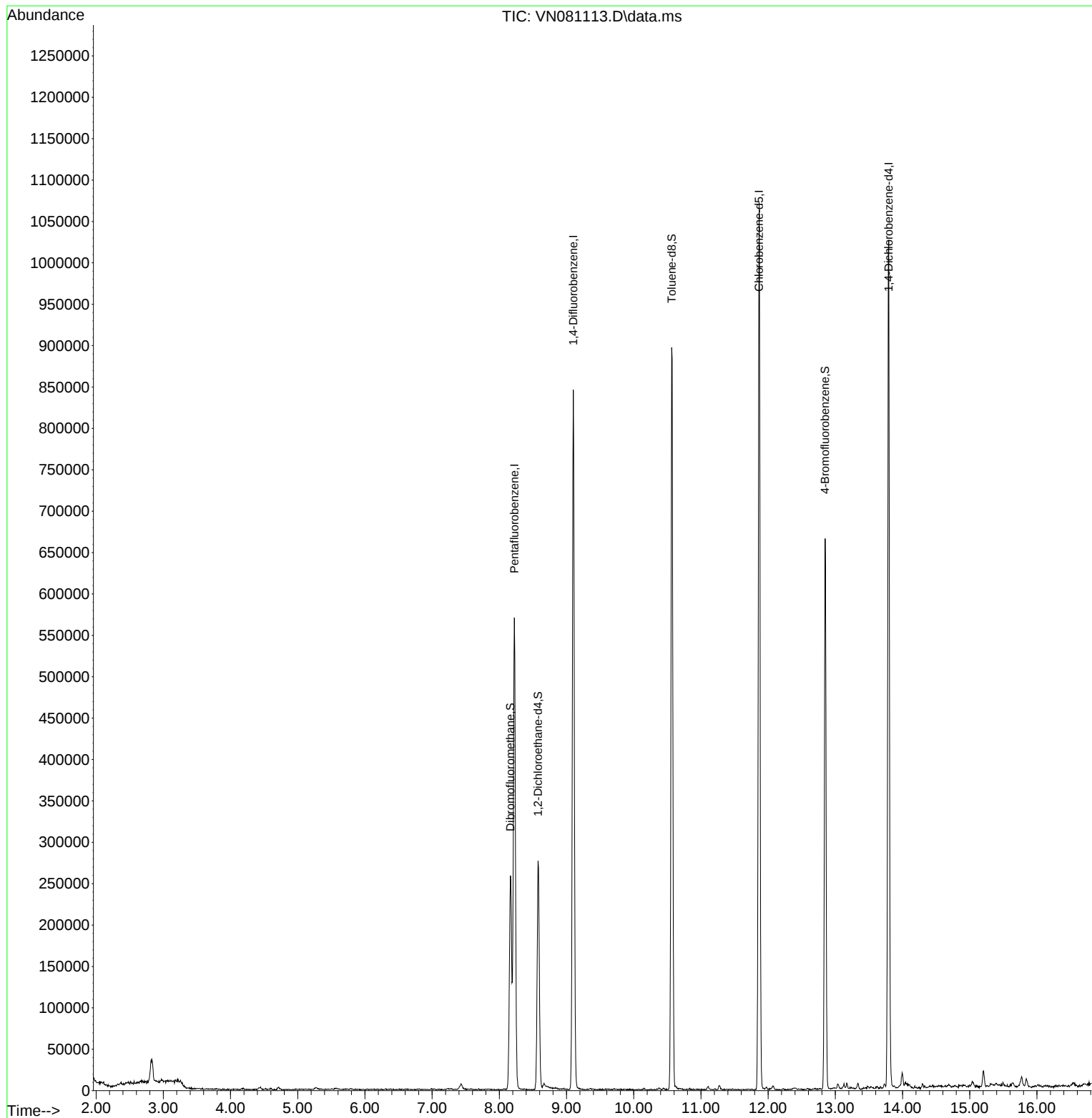
Target Compounds	Qvalue

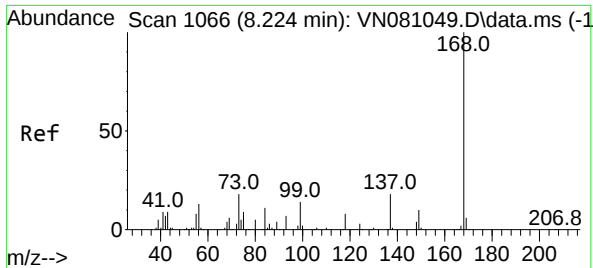
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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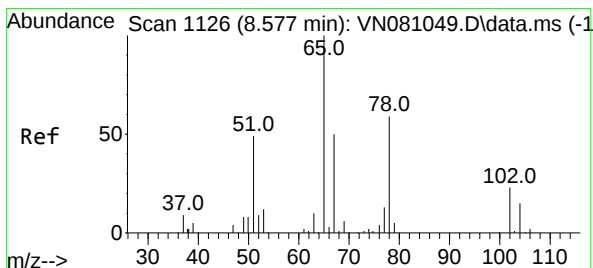
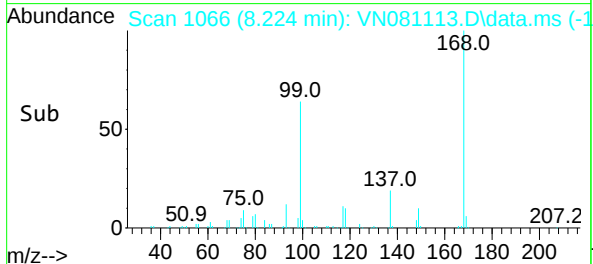
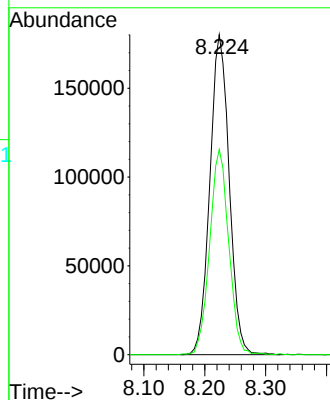
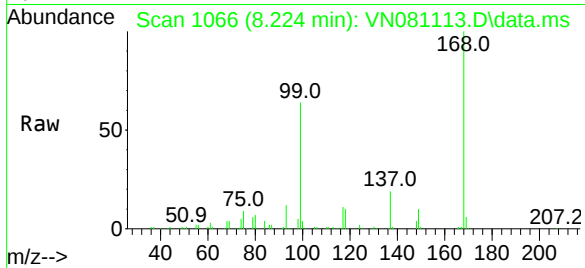




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

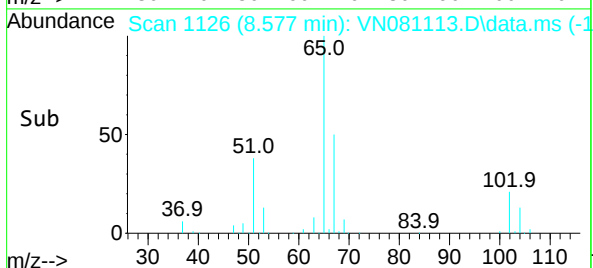
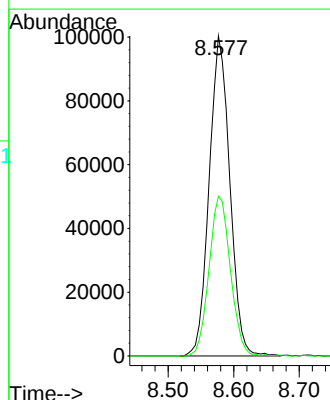
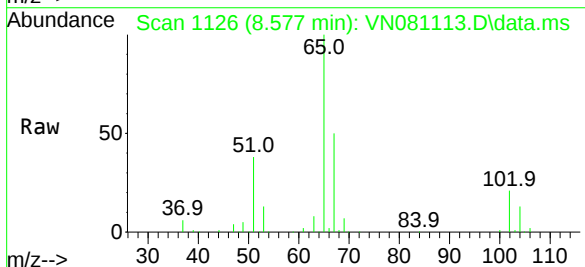
Instrument :
MSVOA_N
ClientSampleId :
IDW-20240215

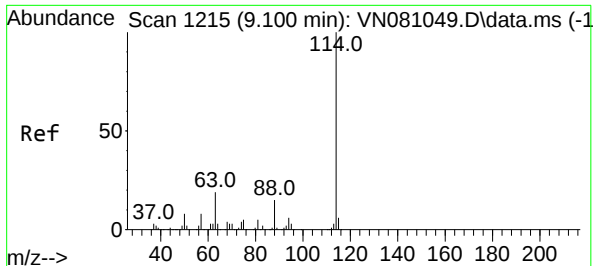
Tgt Ion:168 Resp: 398255
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 44.976 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

Tgt Ion: 65 Resp: 219550
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

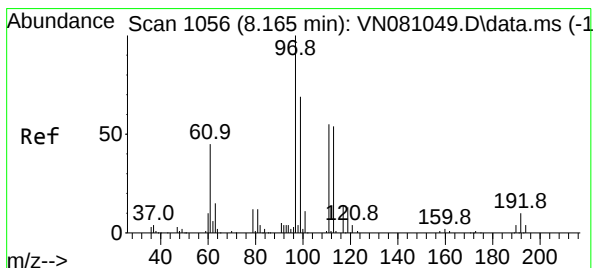
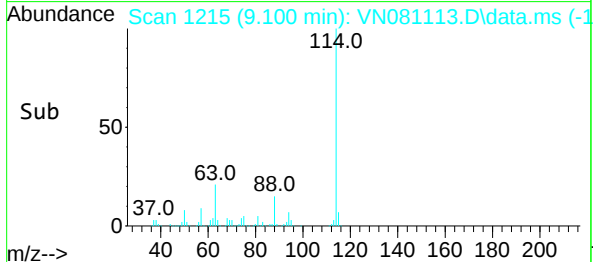
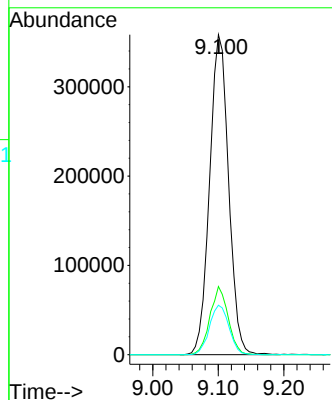
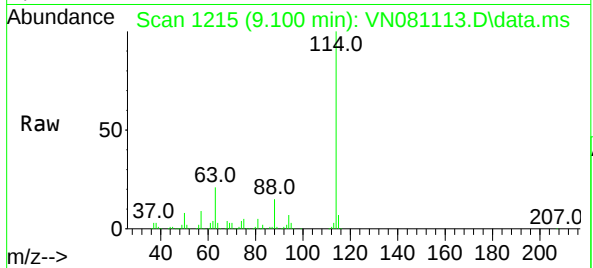




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

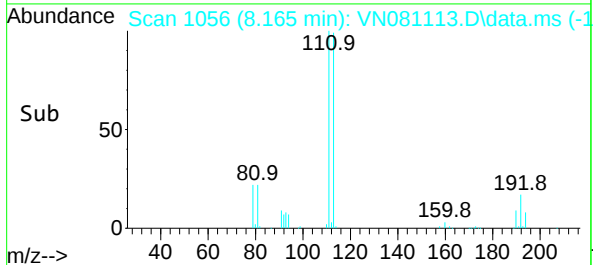
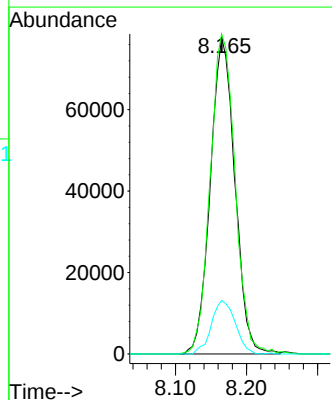
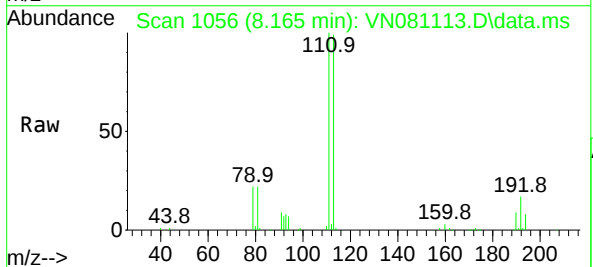
Instrument :
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IDW-20240215

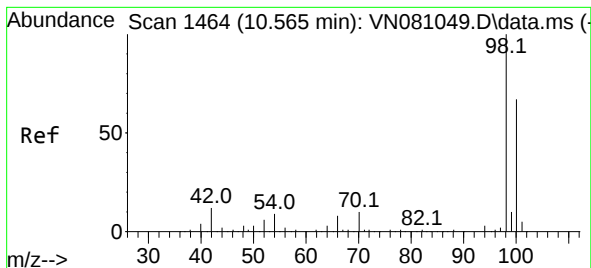
Tgt Ion:114 Resp: 721068
Ion Ratio Lower Upper
114 100
63 21.3 0.0 48.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 45.610 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

Tgt Ion:113 Resp: 185972
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.5 12.5 18.7

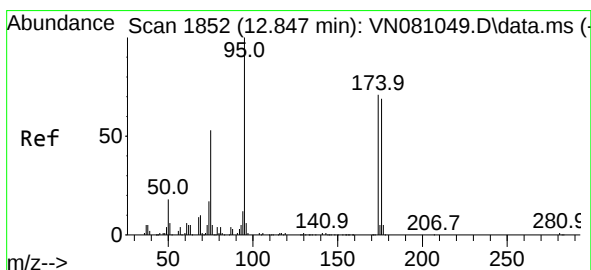
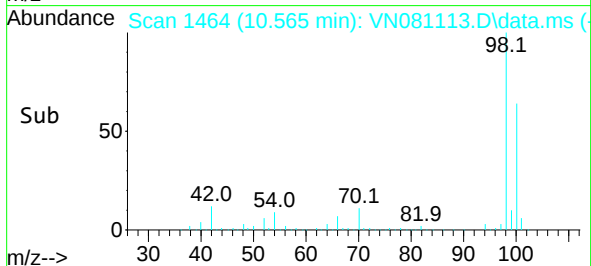
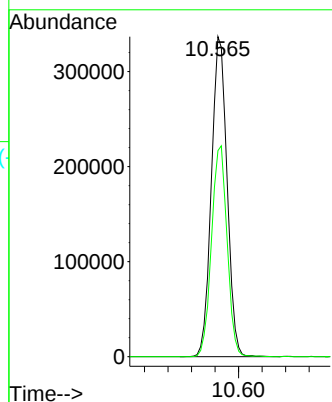
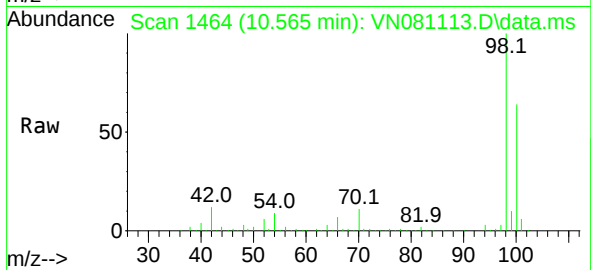




#50
Toluene-d8
Concen: 42.889 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

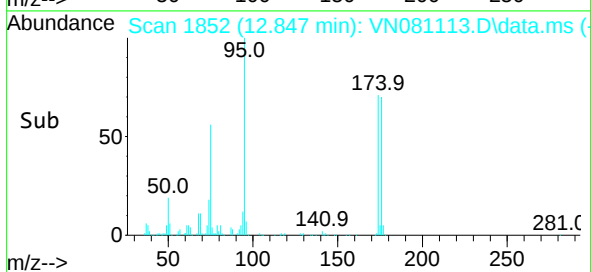
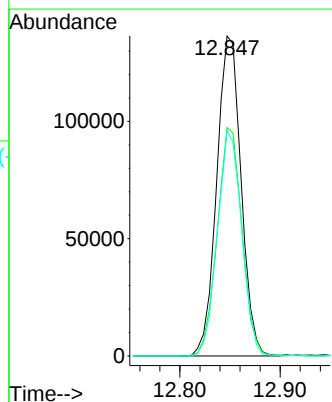
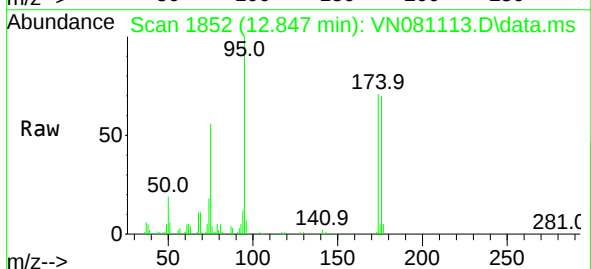
Instrument :
MSVOA_N
ClientSampleId :
IDW-20240215

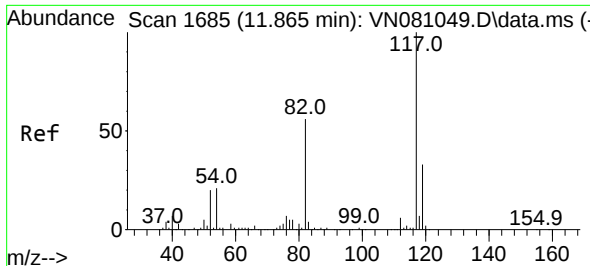
Tgt Ion: 98 Resp: 621109
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.284 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

Tgt Ion: 95 Resp: 230092
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 70.1 0.0 121.0

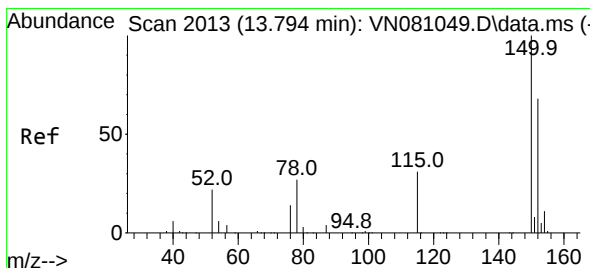
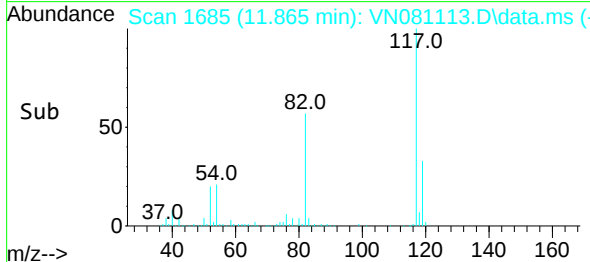
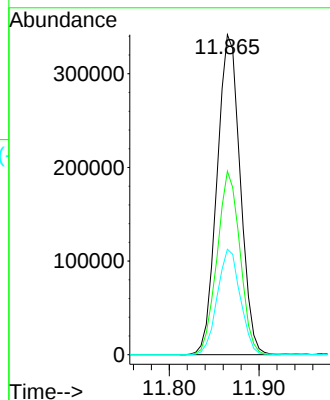
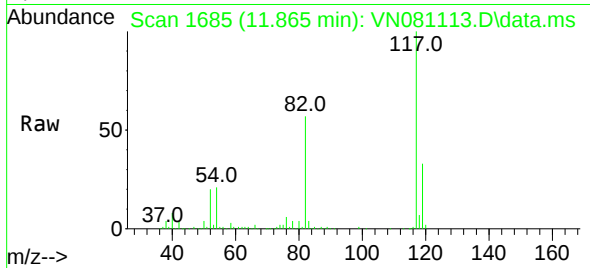




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081113.D
Acq: 21 Feb 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
IDW-20240215

Tgt Ion:117 Resp: 613194
Ion Ratio Lower Upper
117 100
82 57.3 52.7 79.1
119 33.0 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: VN081113.D
Acq: 21 Feb 2024 12:24

Tgt Ion:152 Resp: 268069
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 158.9 0.0 339.8

