

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081068.D
 Acq On : 19 Feb 2024 11:15
 Operator : JC\MD
 Sample : VN0219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBL01

Quant Time: Feb 20 00:19:05 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	405465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	752479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	641541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243764	49.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.100%
35) Dibromofluoromethane	8.165	113	206517	48.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	10.565	98	688010	45.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.847	95	240677	42.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.760%

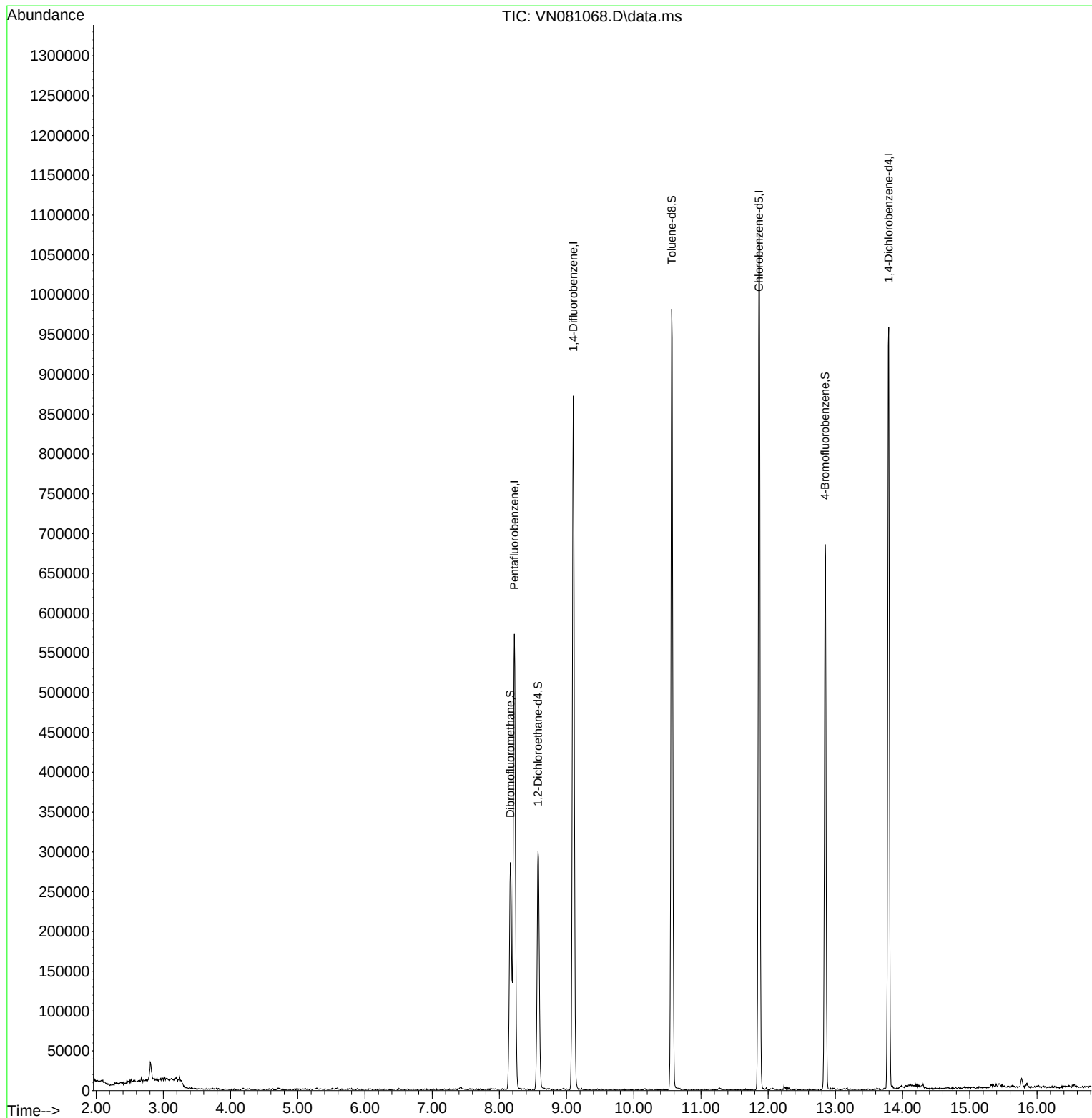
Target Compounds	Qvalue

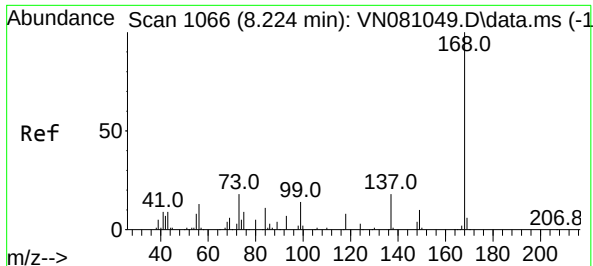
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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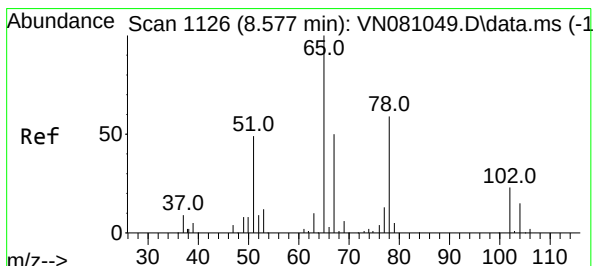
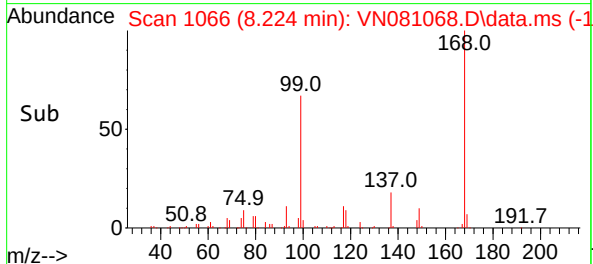
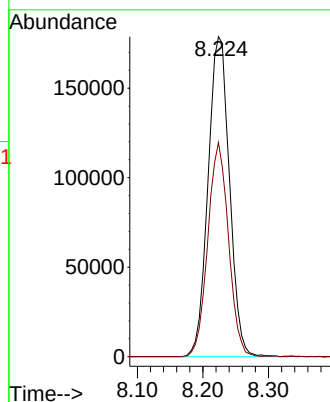
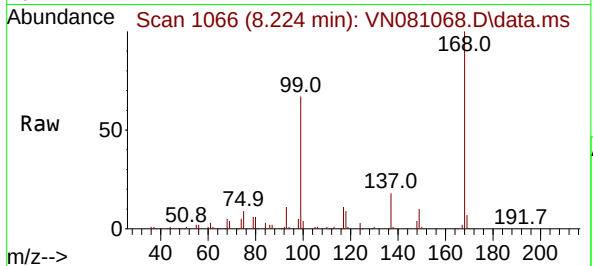




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

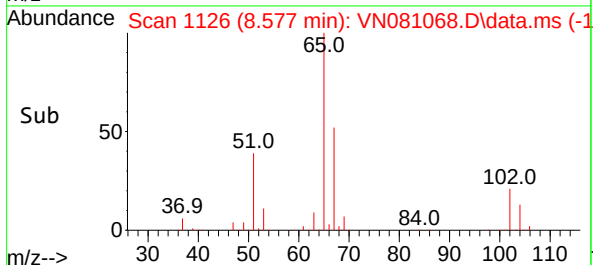
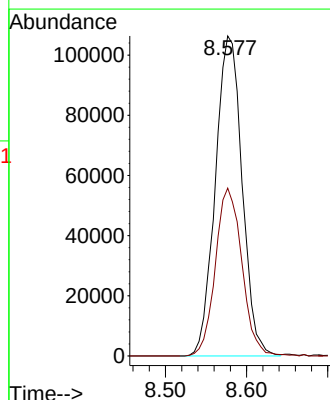
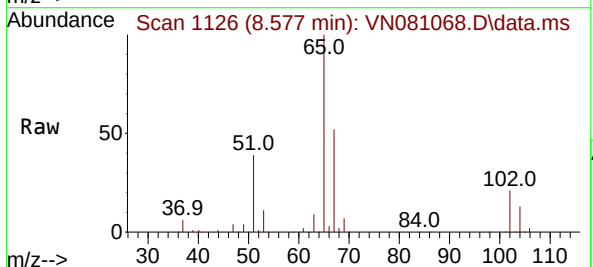
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

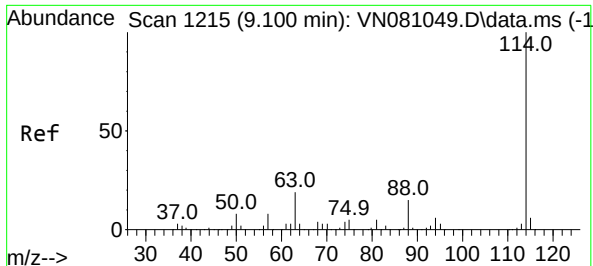
Tgt Ion:168 Resp: 405465
Ion Ratio Lower Upper
168 100
99 67.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.048 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 65 Resp: 243764
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

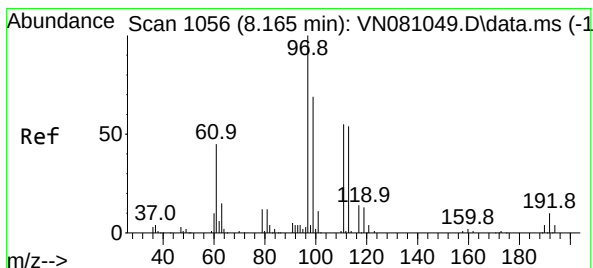
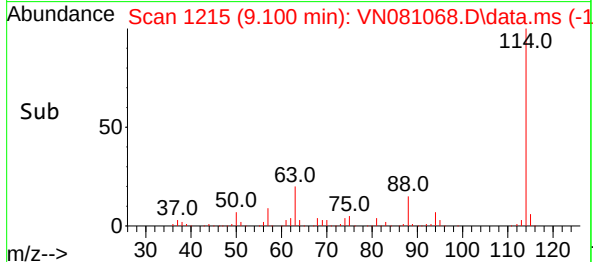
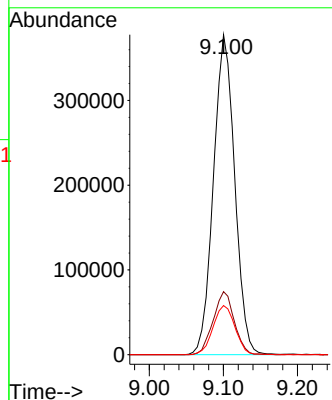
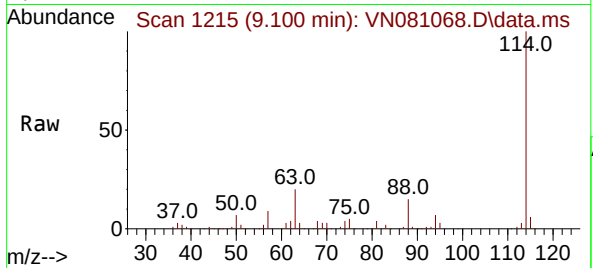




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

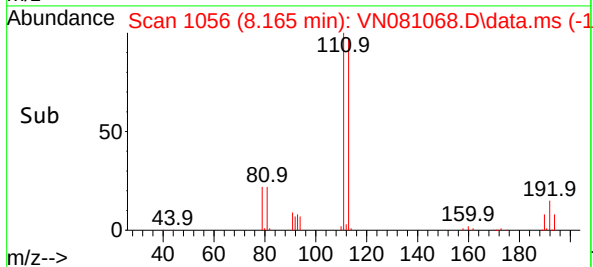
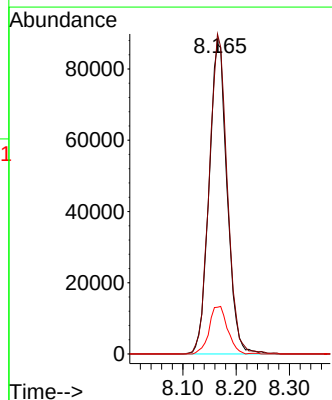
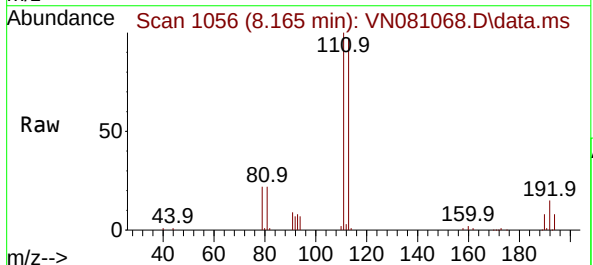
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

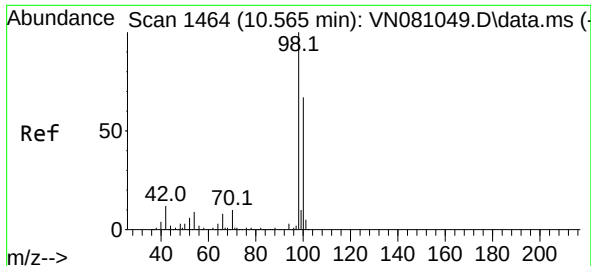
Tgt Ion:114 Resp: 752479
Ion Ratio Lower Upper
114 100
63 19.7 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion:113 Resp: 206517
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 15.5 12.5 18.7

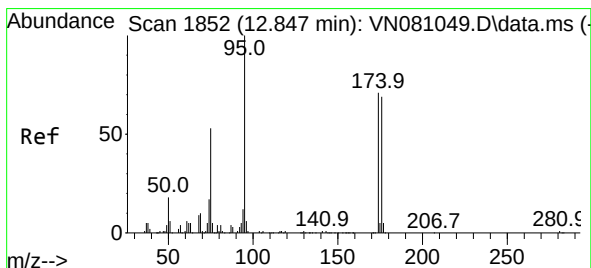
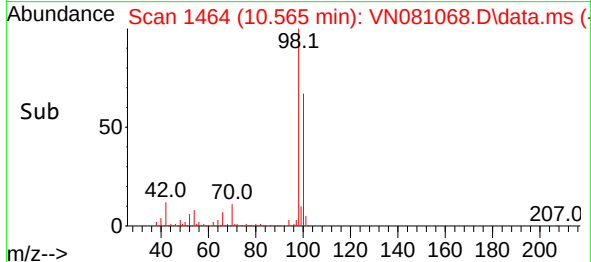
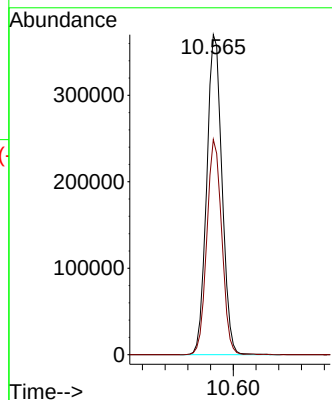
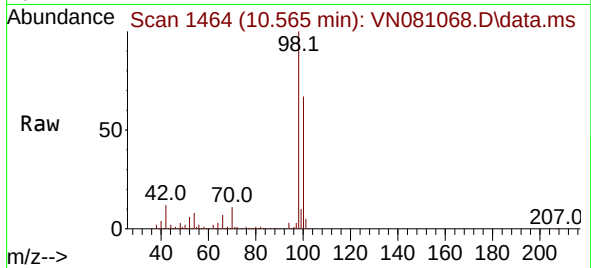




#50
Toluene-d8
Concen: 45.525 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

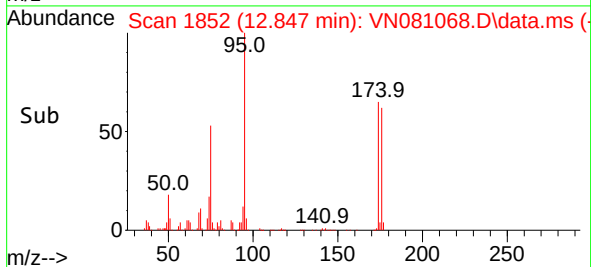
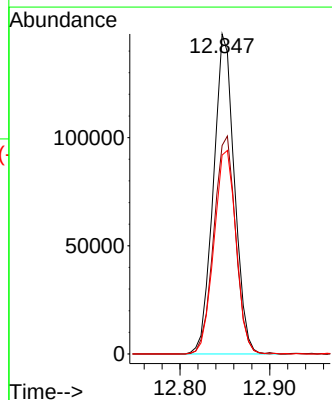
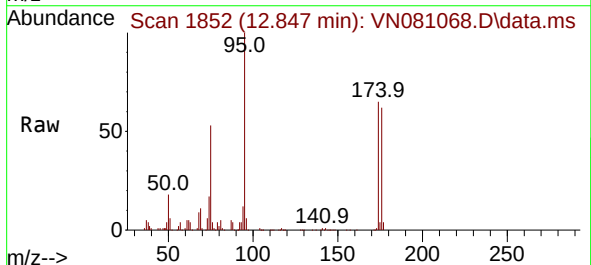
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

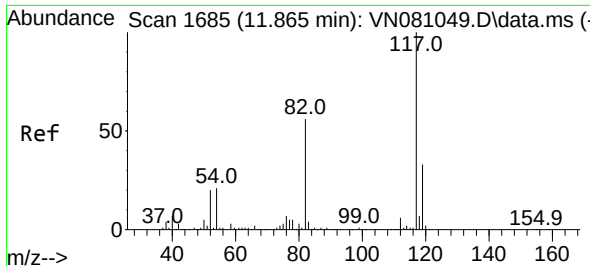
Tgt Ion: 98 Resp: 688010
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 95 Resp: 240677
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 66.9 0.0 121.0

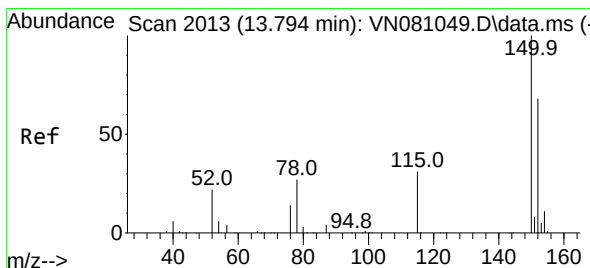
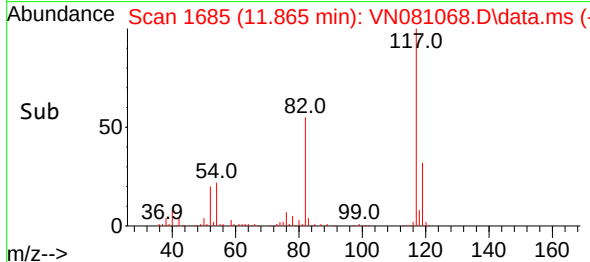
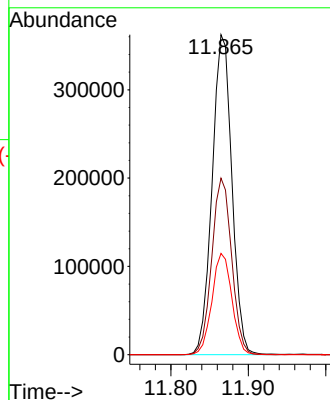
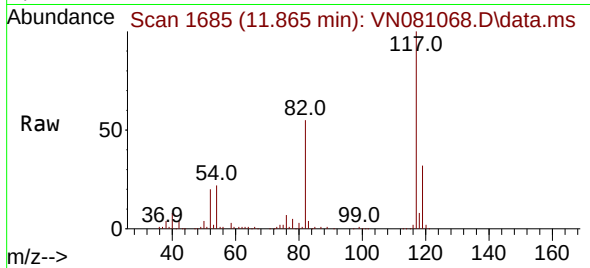




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

Tgt Ion:117 Resp: 641541
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.7 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: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion:152 Resp: 253468
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 155.9 0.0 339.8

