

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081024.D
 Acq On : 14 Feb 2024 14:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 15 07:59:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	281463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	624932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	747011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	248330	71.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	143.460%#
35) Dibromofluoromethane	8.171	113	222243	62.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	124.060%#
50) Toluene-d8	10.571	98	869972	68.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	137.700%#
62) 4-Bromofluorobenzene	12.853	95	370764	86.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	172.540%#

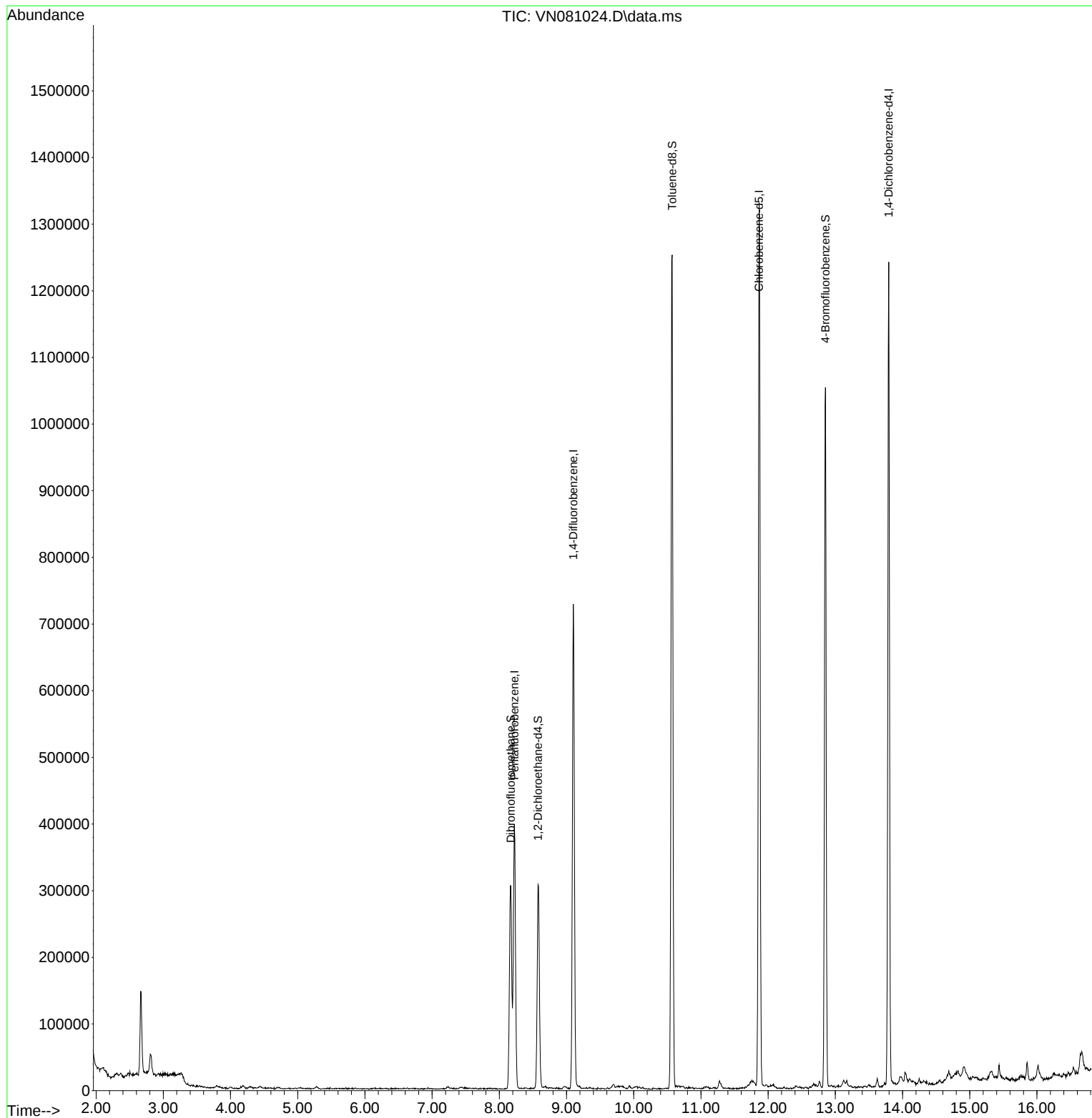
Target Compounds	Qvalue

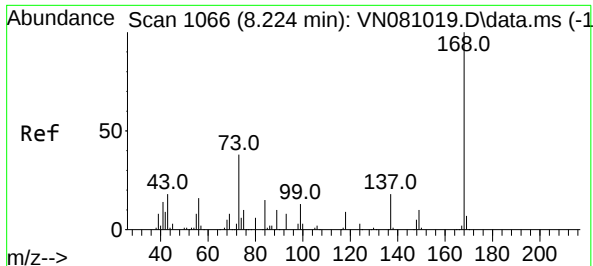
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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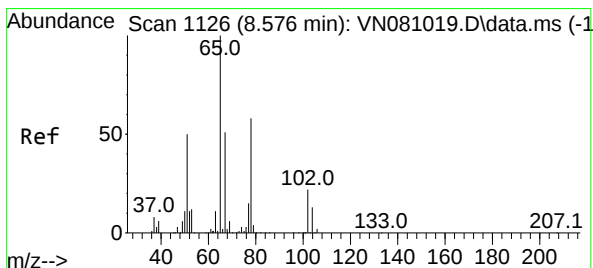
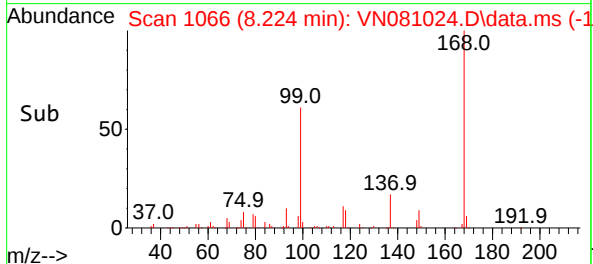
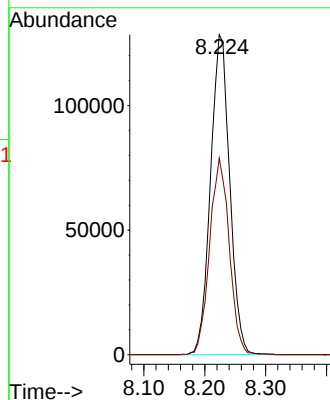
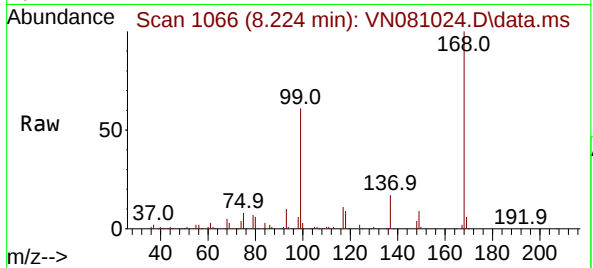




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

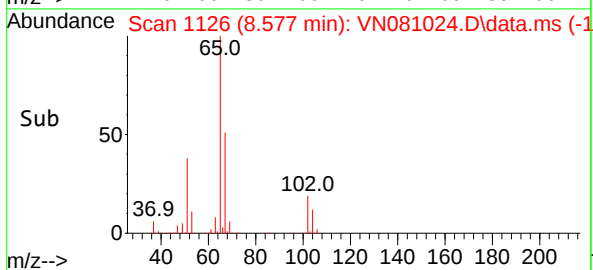
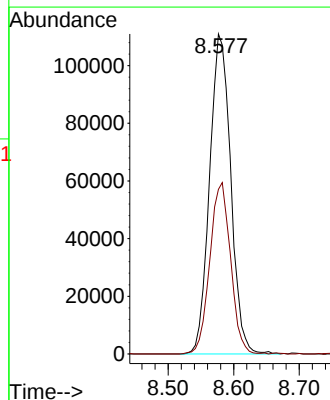
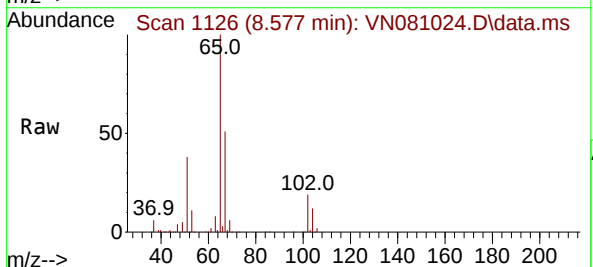
Instrument :
MSVOA_N
ClientSampleId :
IBLK

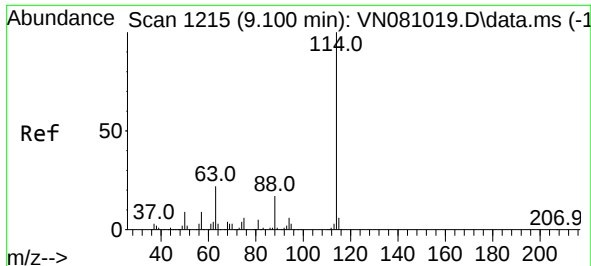
Tgt Ion:168 Resp: 281463
Ion Ratio Lower Upper
168 100
99 61.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 71.729 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

Tgt Ion: 65 Resp: 248330
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

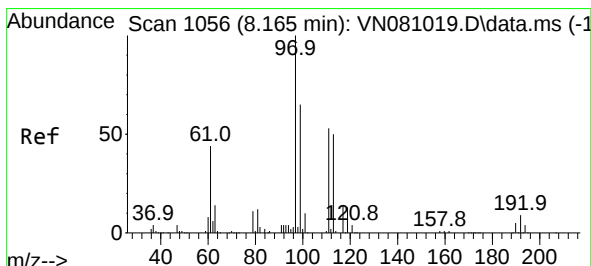
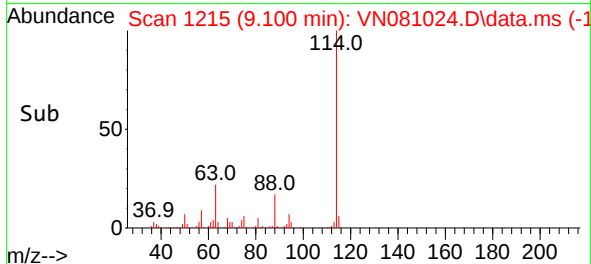
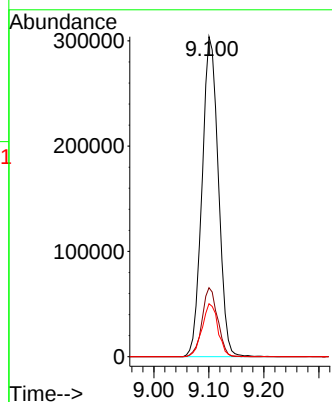
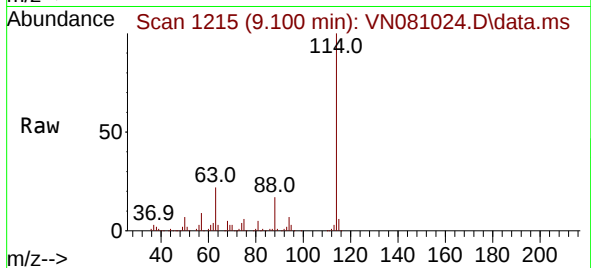




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

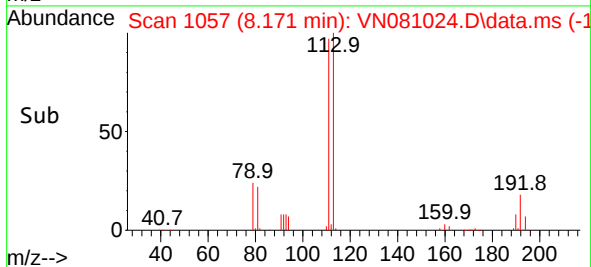
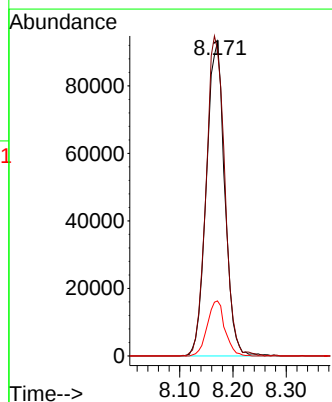
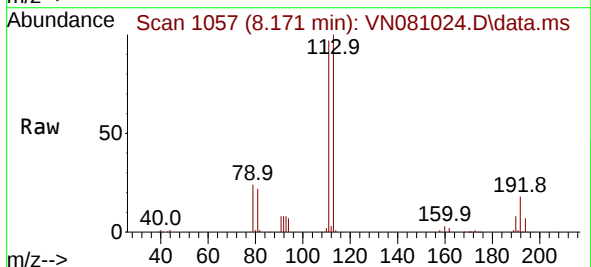
Instrument :
MSVOA_N
ClientSampleId :
IBLK

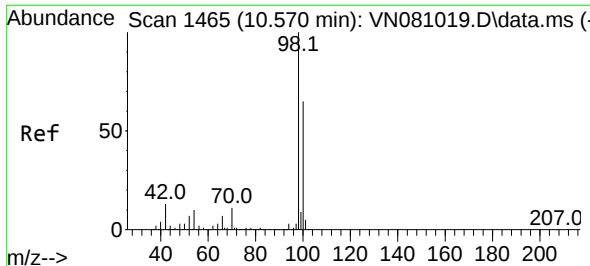
Tgt Ion:114 Resp: 624932
Ion Ratio Lower Upper
114 100
63 21.5 0.0 48.0
88 16.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 62.026 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

Tgt Ion:113 Resp: 222243
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.8 12.5 18.7

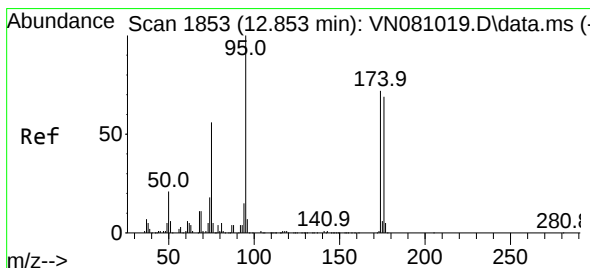
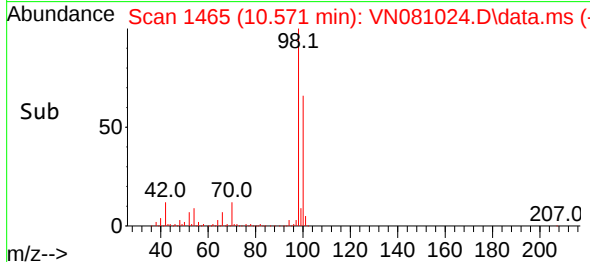
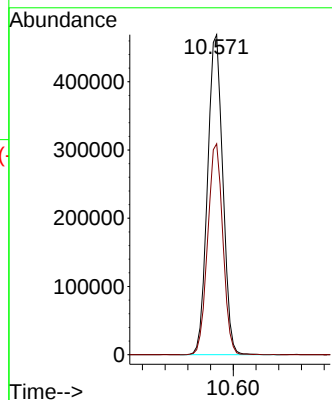
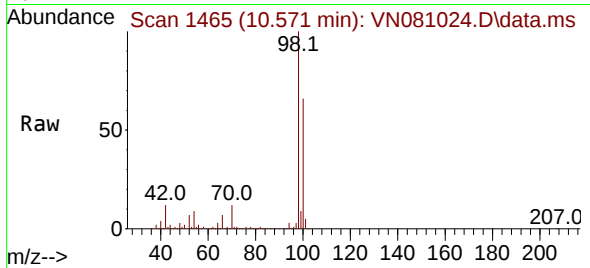




#50
Toluene-d8
Concen: 68.846 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

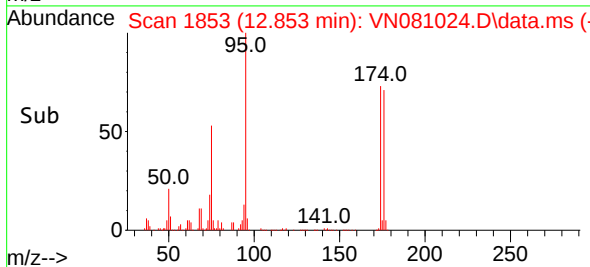
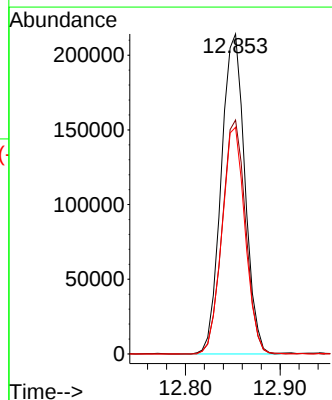
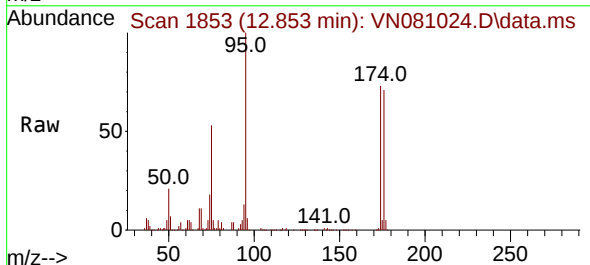
Instrument :
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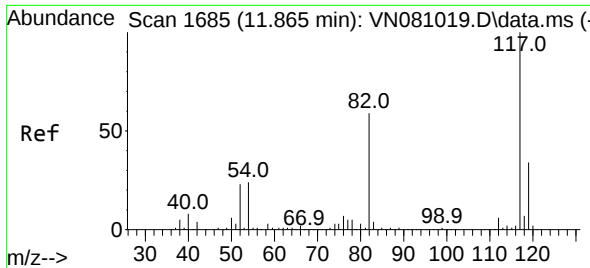
Tgt Ion: 98 Resp: 869972
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 86.270 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

Tgt Ion: 95 Resp: 370764
Ion Ratio Lower Upper
95 100
174 72.4 0.0 120.4
176 69.7 0.0 121.0

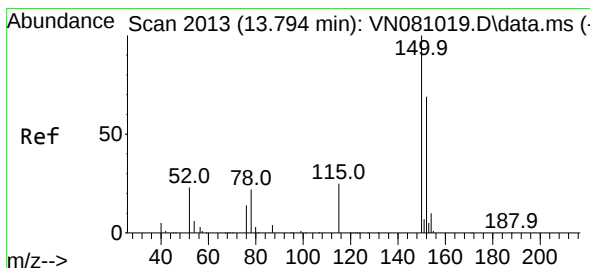
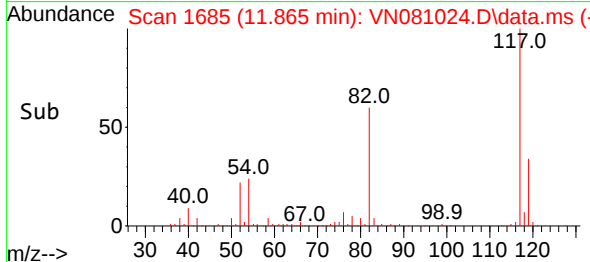
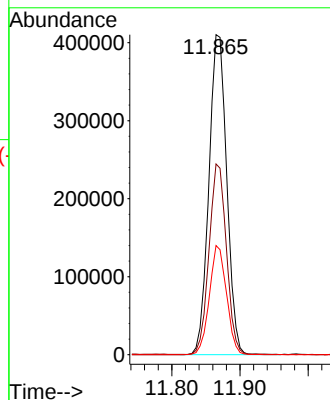
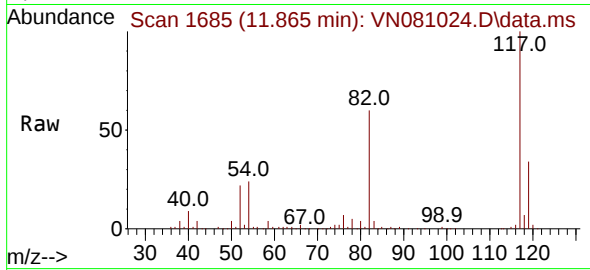




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081024.D
Acq: 14 Feb 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 747011
Ion Ratio Lower Upper
117 100
82 59.5 52.7 79.1
119 34.1 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: VN081024.D
Acq: 14 Feb 2024 14:36

Tgt Ion:152 Resp: 320444
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 154.9 0.0 339.8

