

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081563.D
 Acq On : 25 Mar 2024 15:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 26 01:20:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	408782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	653009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	270246	51.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.680%
35) Dibromofluoromethane	8.165	113	229315	49.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	10.571	98	874865	52.036	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.847	95	272902	46.066	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.140%

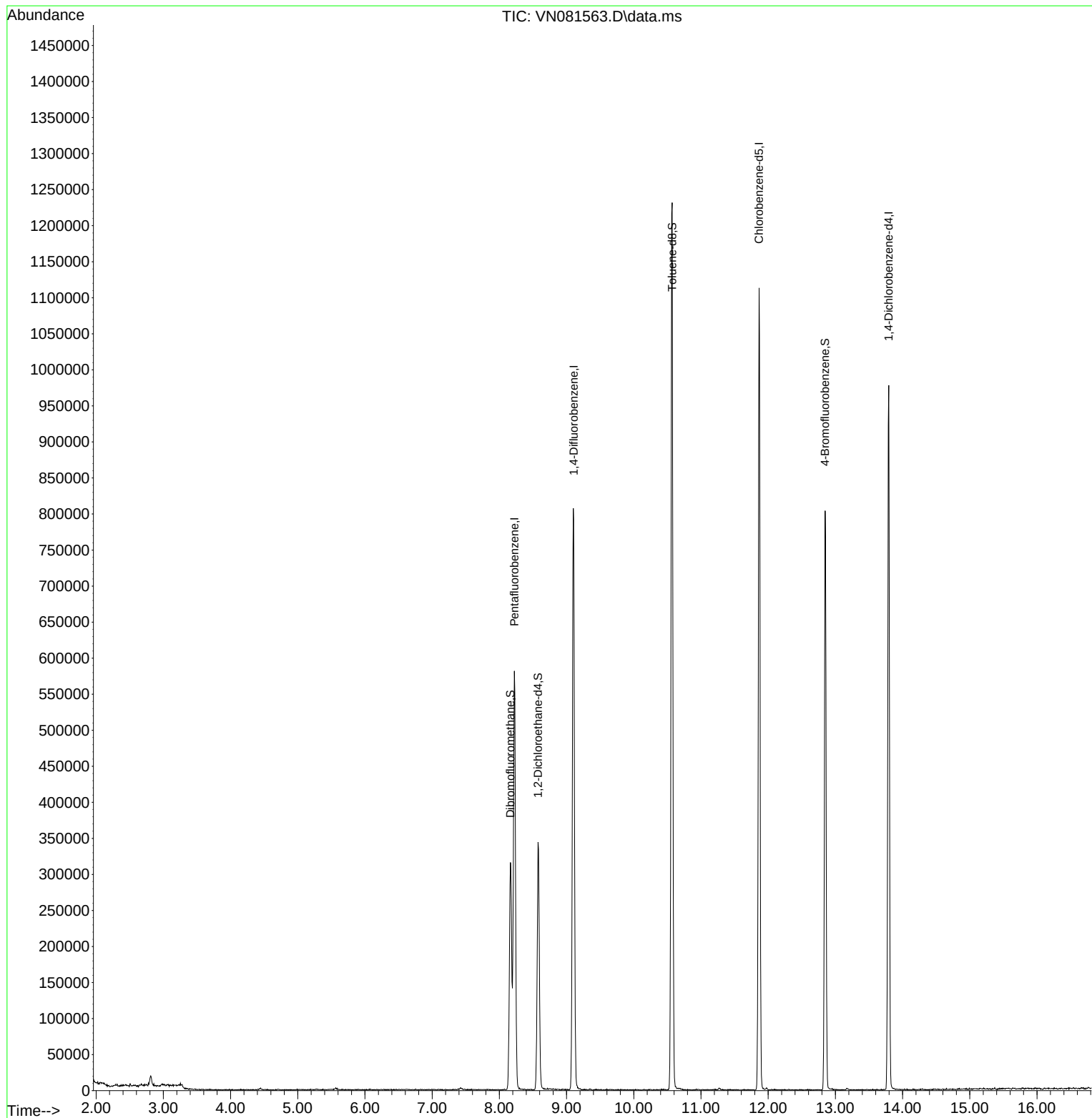
Target Compounds	Qvalue

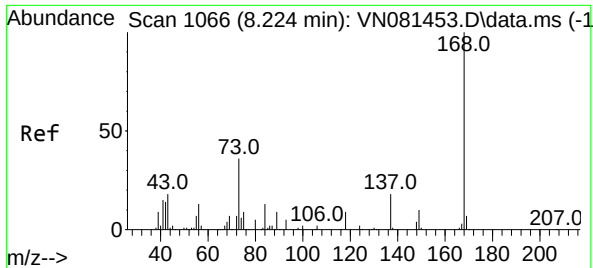
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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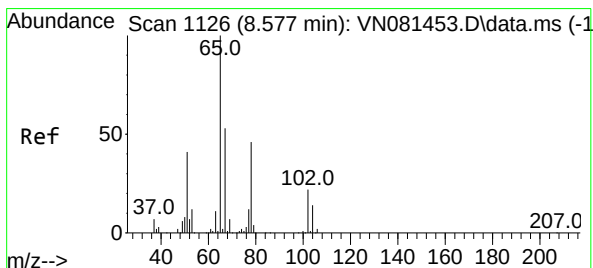
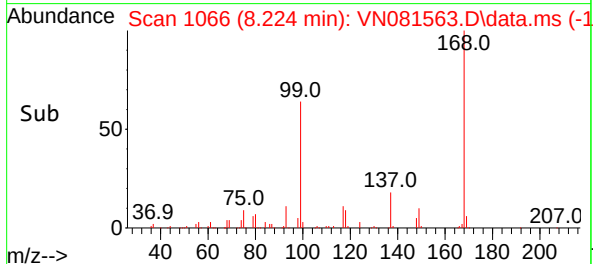
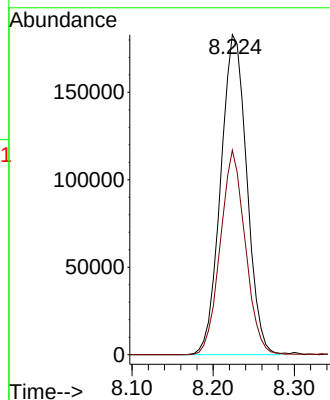
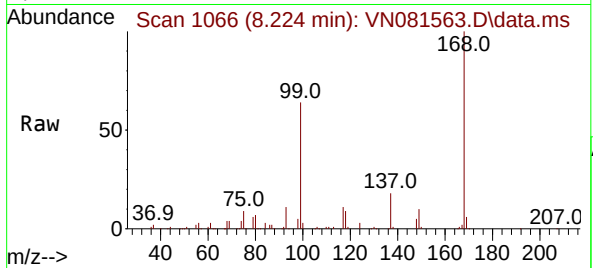




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

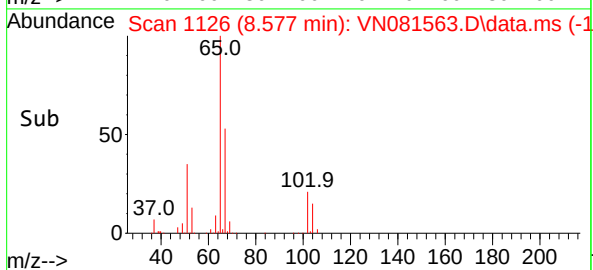
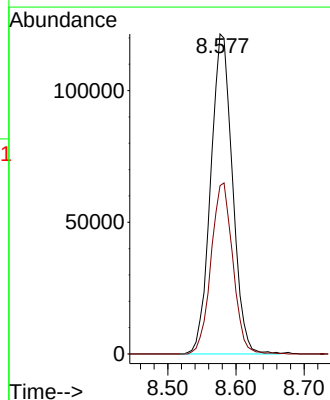
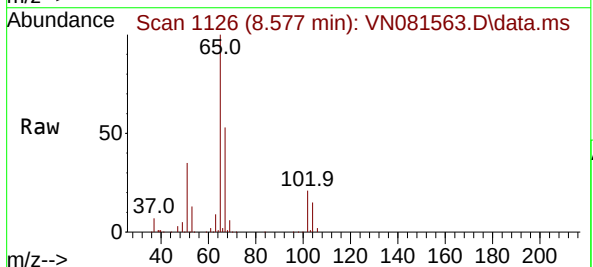
Instrument :
MSVOA_N
ClientSampleId :
IBLK

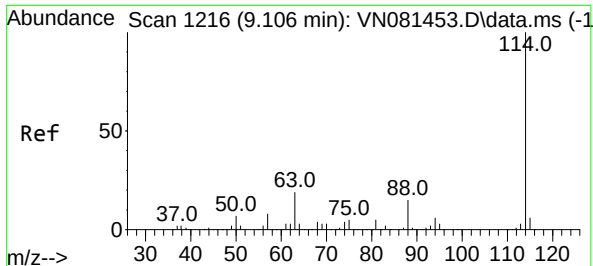
Tgt Ion:168 Resp: 408782
Ion Ratio Lower Upper
168 100
99 63.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.840 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 65 Resp: 270246
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.4

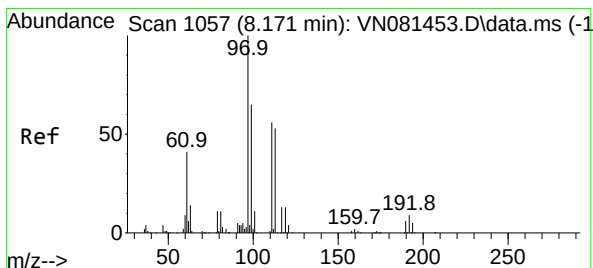
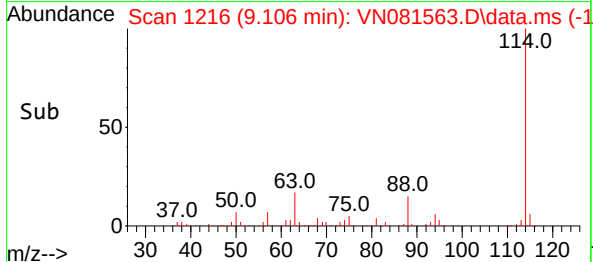
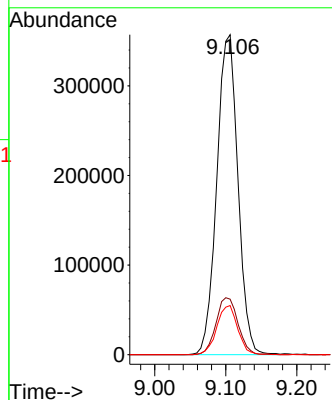
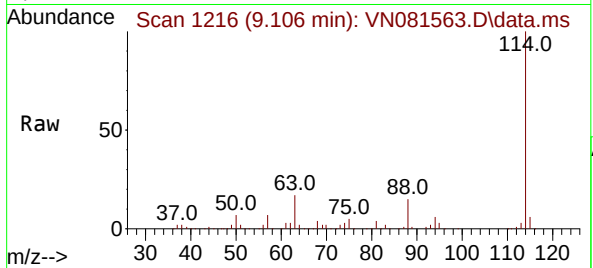




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

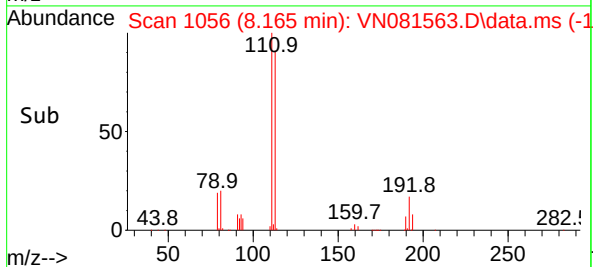
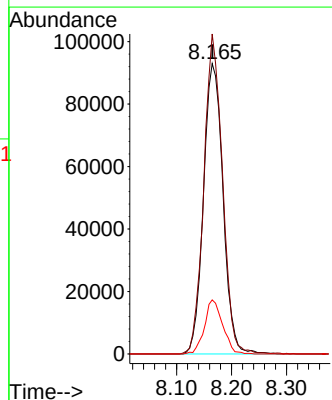
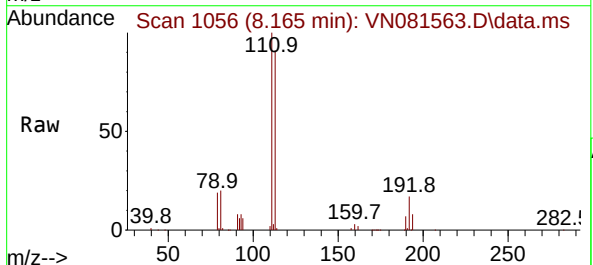
Instrument :
MSVOA_N
ClientSampleId :
IBLK

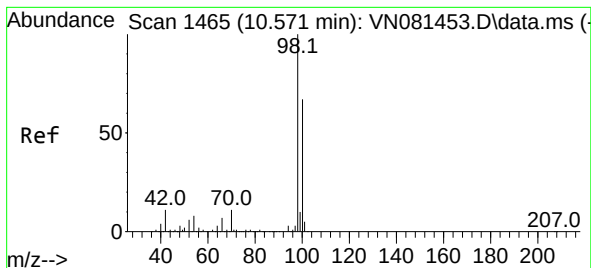
Tgt Ion:114 Resp: 736956
Ion Ratio Lower Upper
114 100
63 17.4 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion:113 Resp: 229315
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 17.4 12.5 18.7

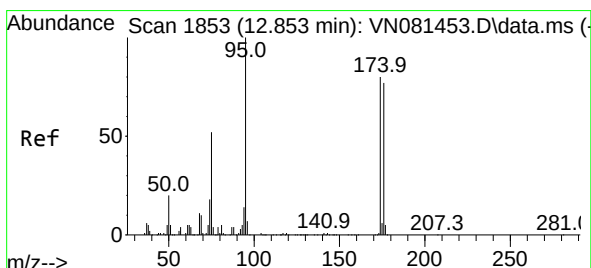
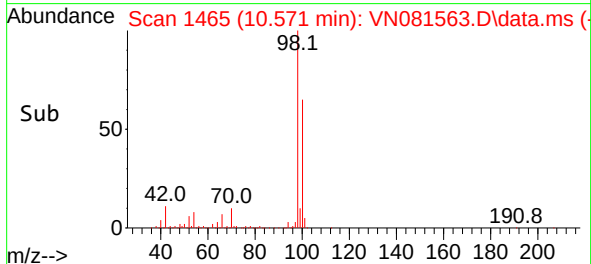
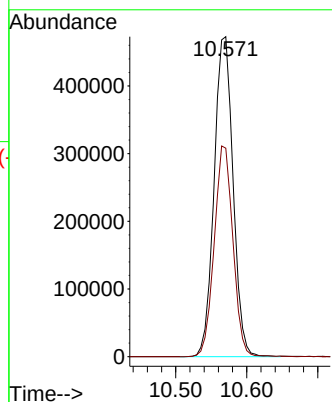
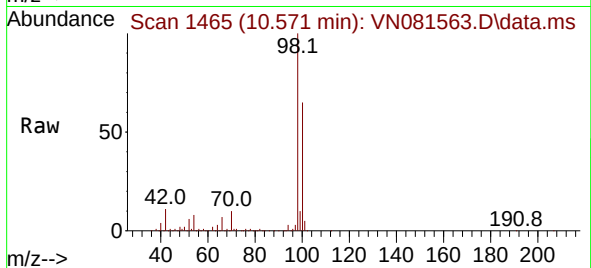




#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

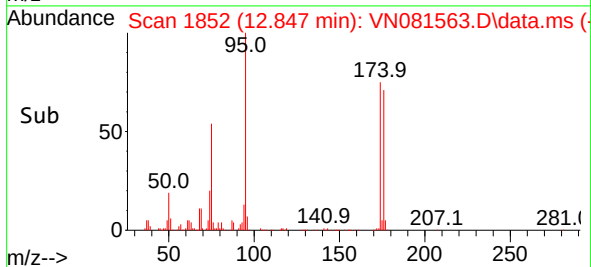
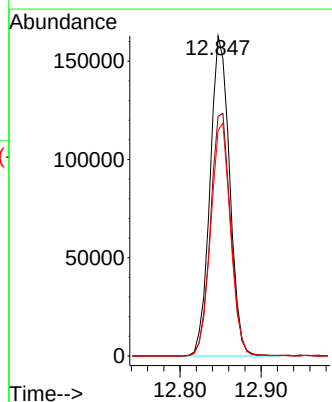
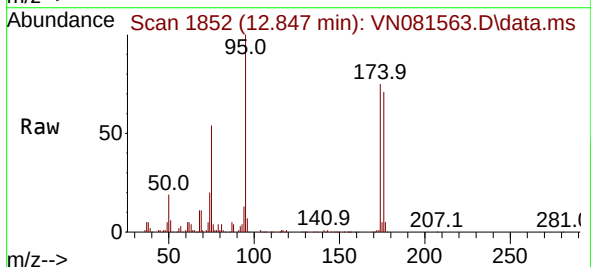
Instrument :
MSVOA_N
ClientSampleId :
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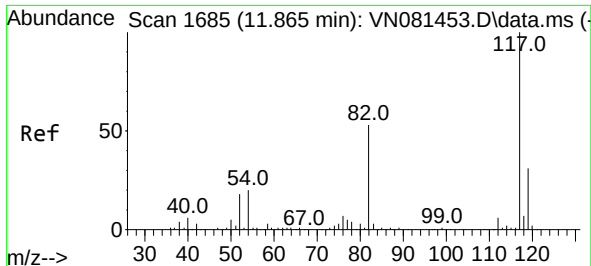
Tgt Ion: 98 Resp: 874865
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 95 Resp: 272902
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 73.4 0.0 121.0

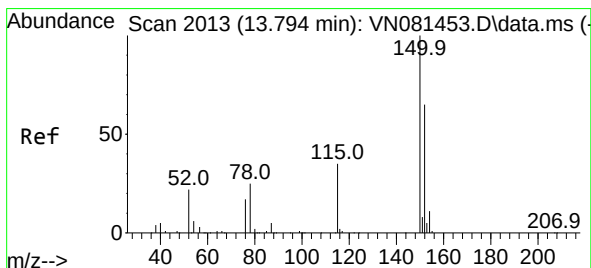
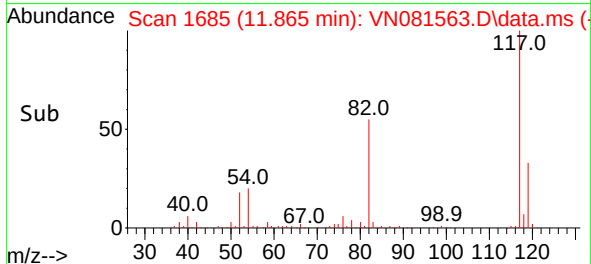
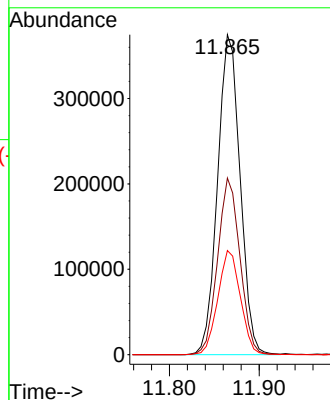
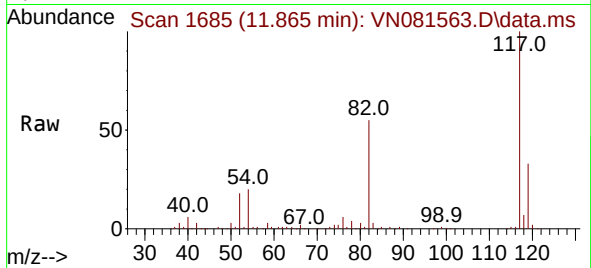




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 653009
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 32.6 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: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion:152 Resp: 268049
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.4 0.0 339.8

