

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083654.D
 Acq On : 04 Sep 2024 17:06
 Operator : JC\MD
 Sample : P3804-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Sep 05 02:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	153238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118251	55.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.420%
35) Dibromofluoromethane	8.165	113	95763	51.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	10.565	98	341065	47.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.847	95	160024	60.164	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.320%

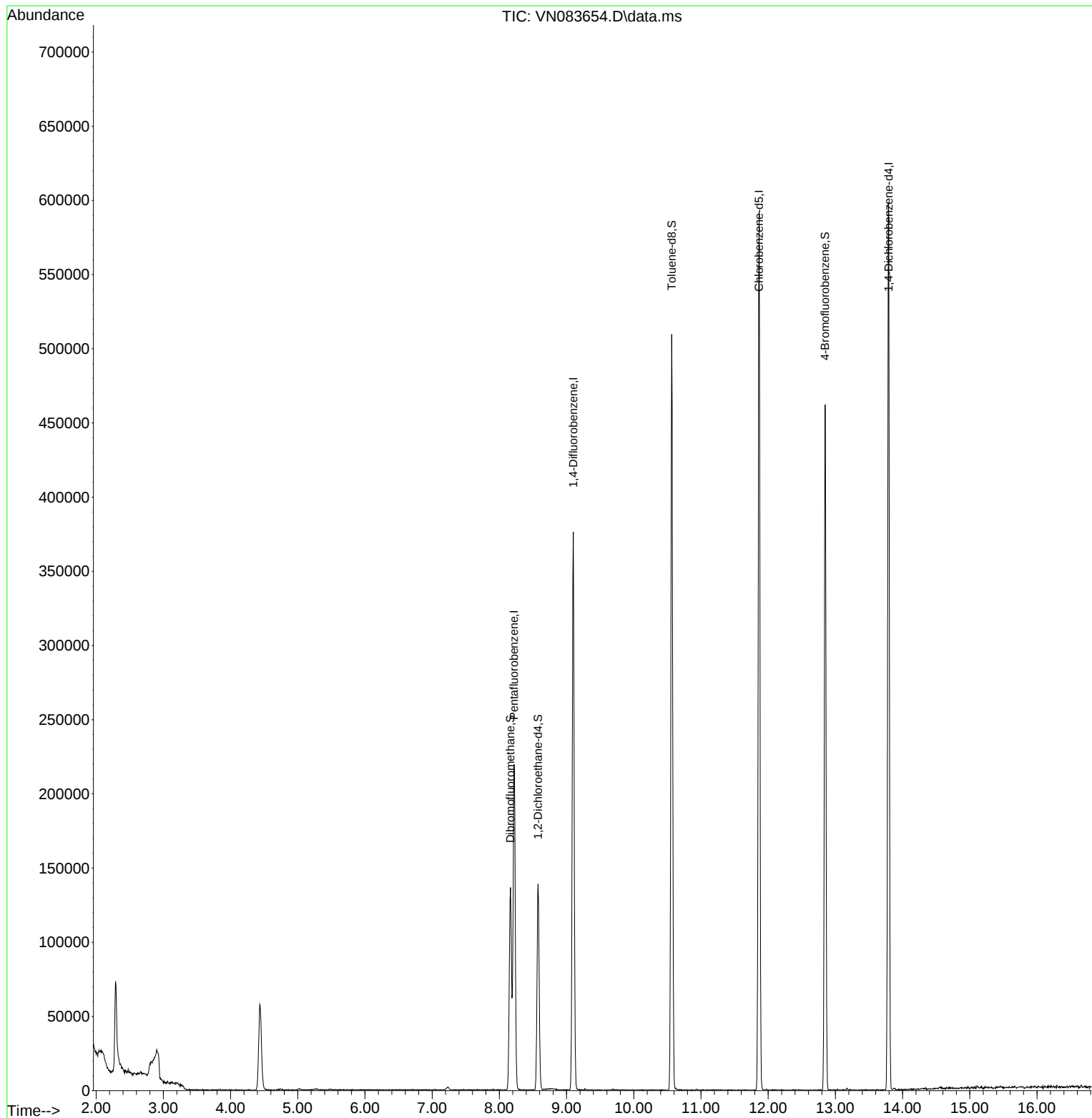
Target Compounds Qvalue

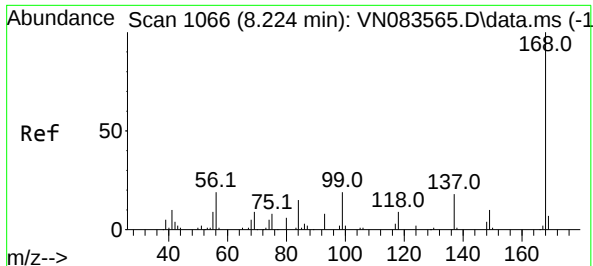
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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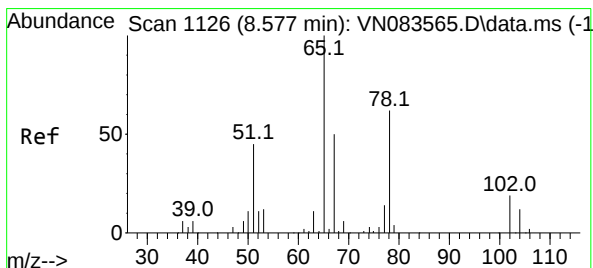
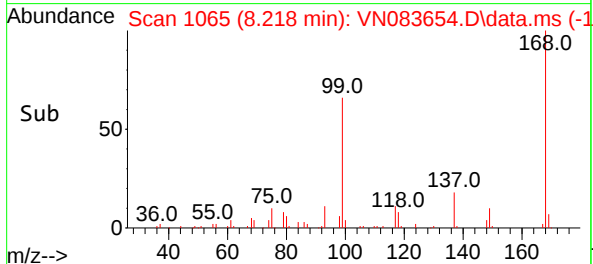
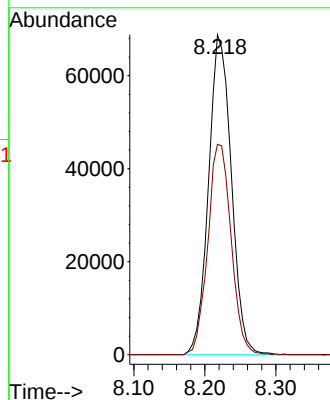
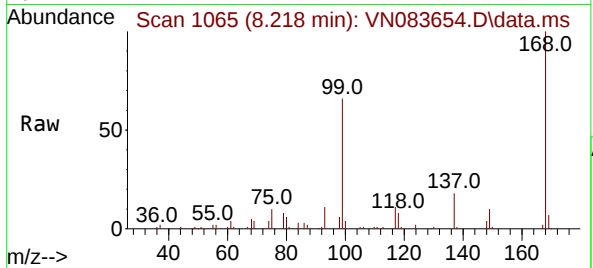




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

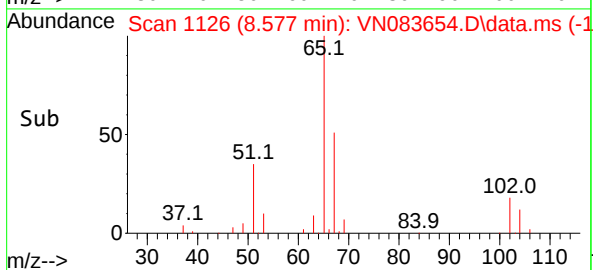
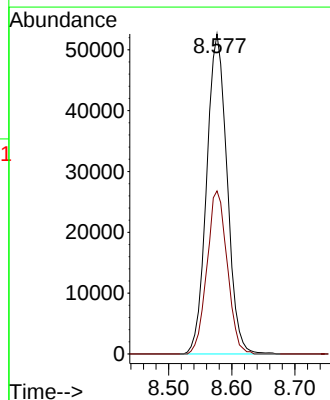
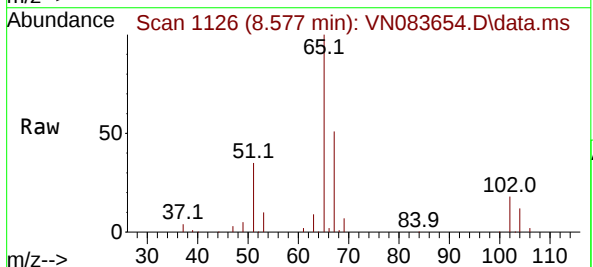
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

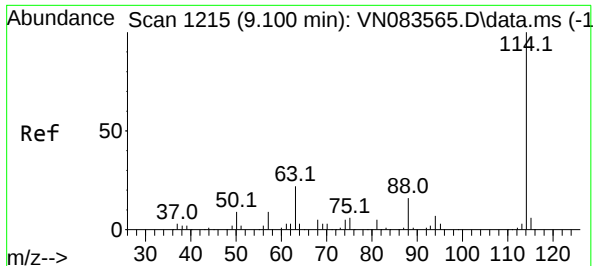
Tgt Ion:168 Resp: 153238
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 65 Resp: 118251
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

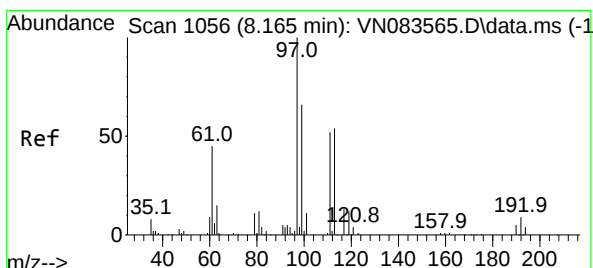
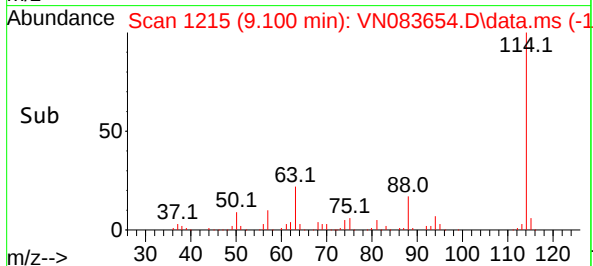
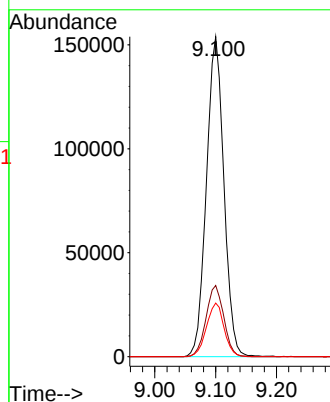
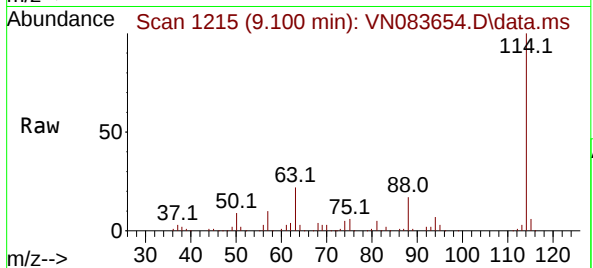




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

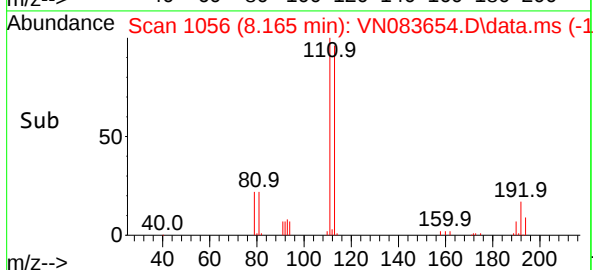
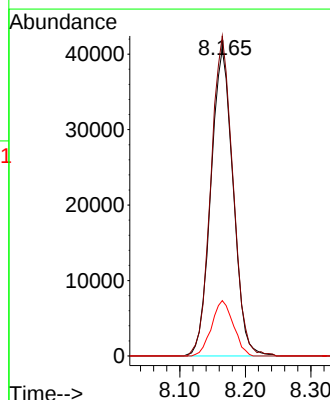
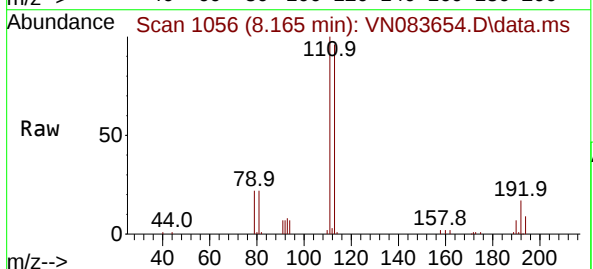
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

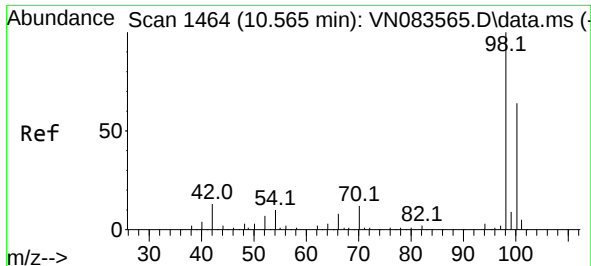
Tgt Ion:114 Resp: 306336
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion:113 Resp: 95763
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.6 14.3 21.5

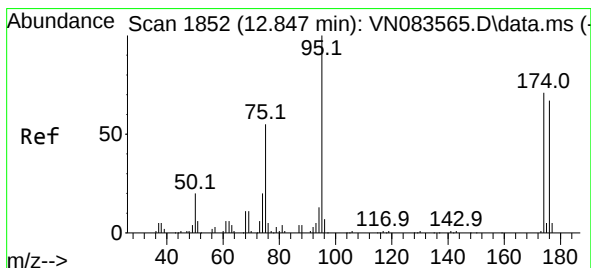
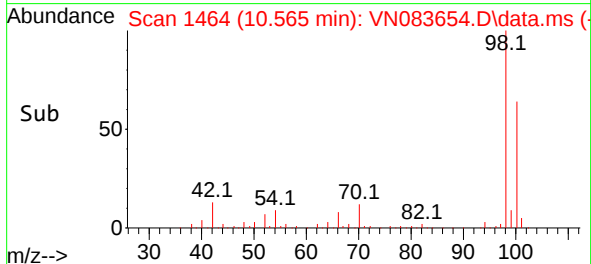
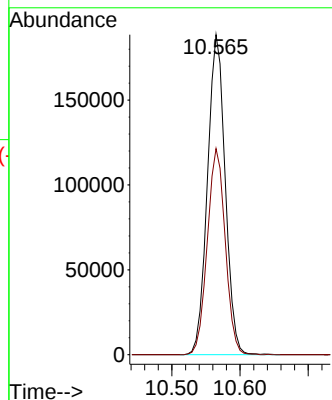
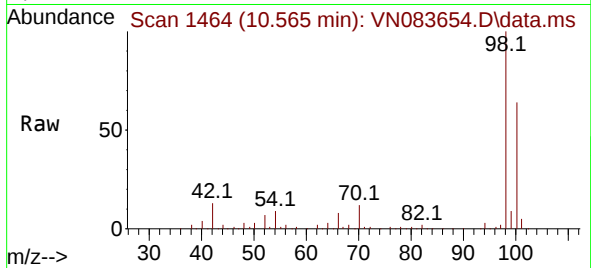




#50
Toluene-d8
Concen: 47.507 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

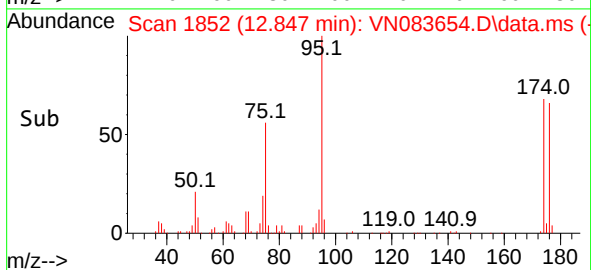
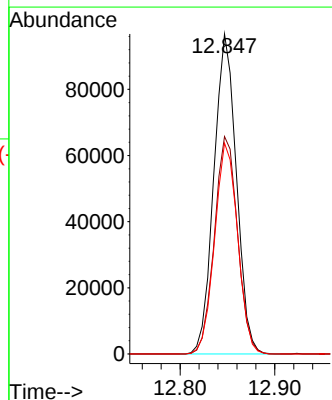
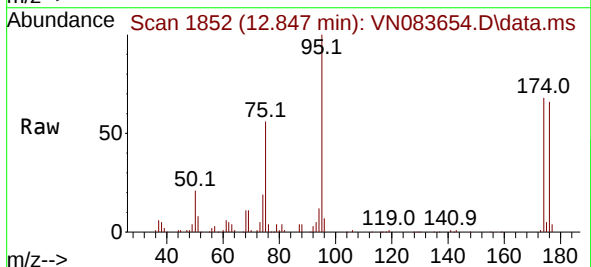
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

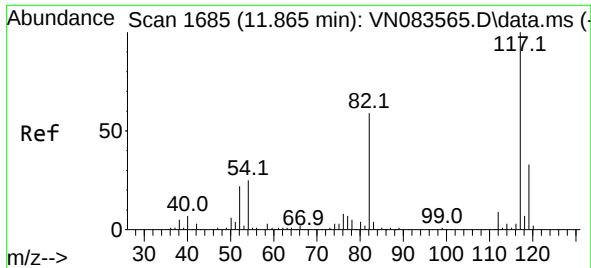
Tgt Ion: 98 Resp: 341065
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion: 95 Resp: 160024
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 67.2 0.0 131.4

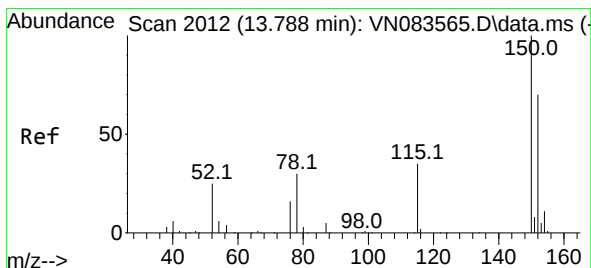
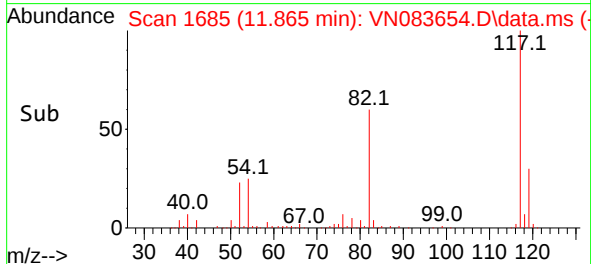
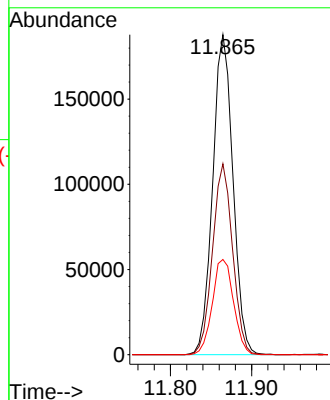
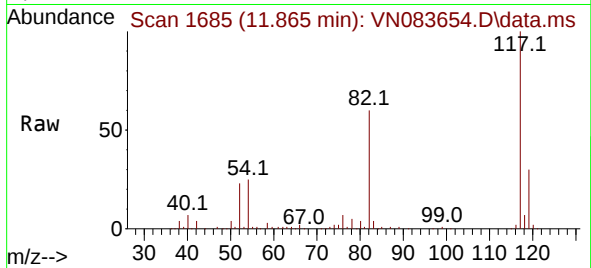




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 325731
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 29.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083654.D
Acq: 04 Sep 2024 17:06

Tgt Ion:152 Resp: 155026
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 158.1 0.0 348.6

