

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084117.D
 Acq On : 23 Sep 2024 18:17
 Operator : JC\MD
 Sample : P4136-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 24 05:00:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118898	50.779	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.560%
35) Dibromofluoromethane	8.171	113	88514	52.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.565	98	318507	54.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.847	95	107634	44.487	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.980%

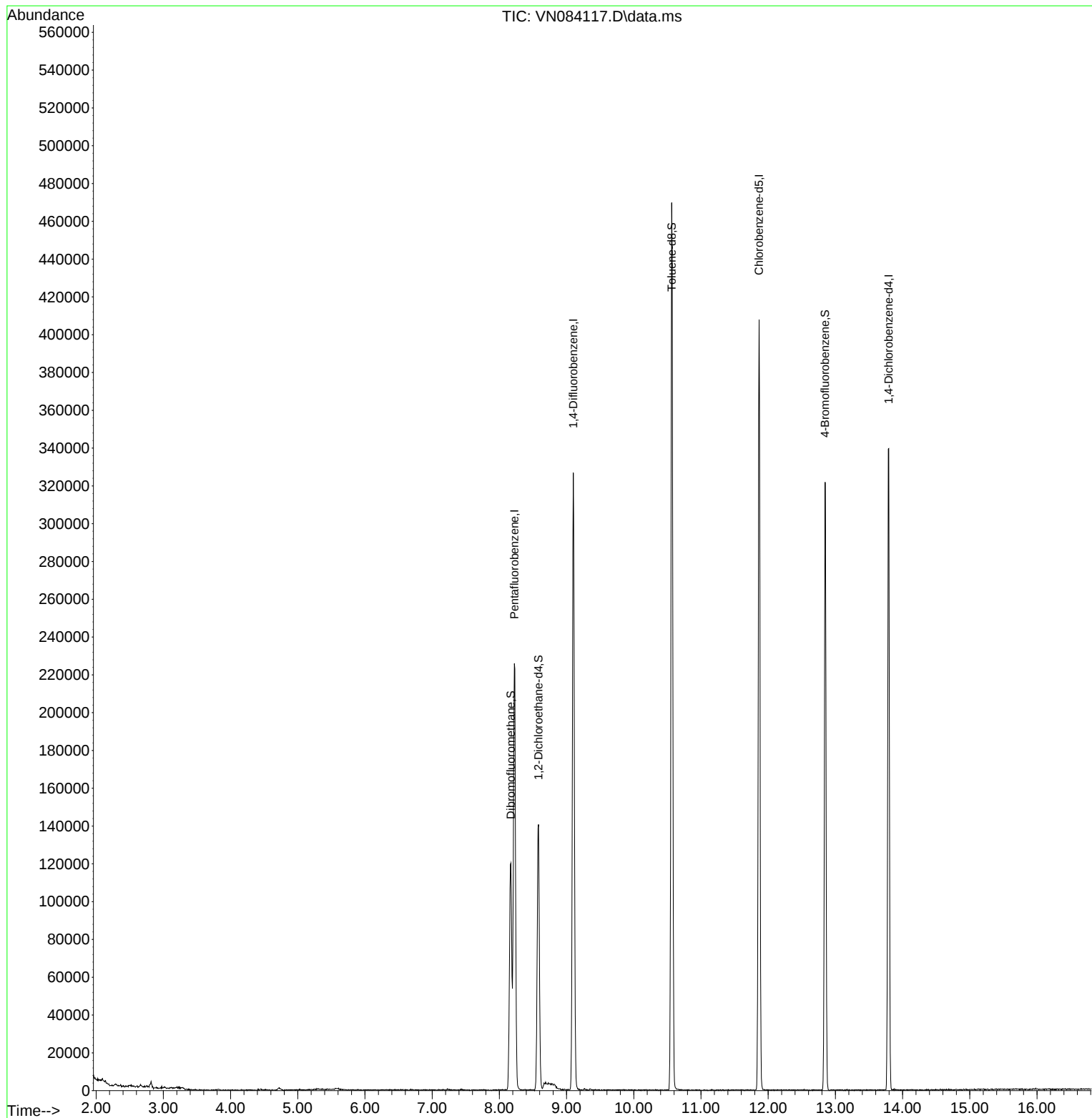
Target Compounds	Qvalue

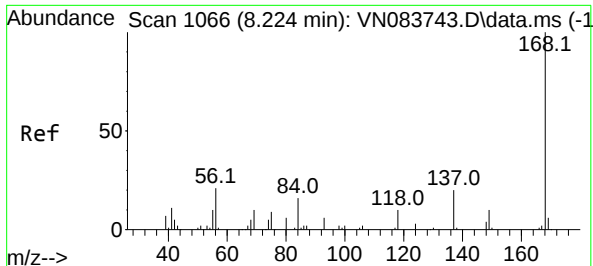
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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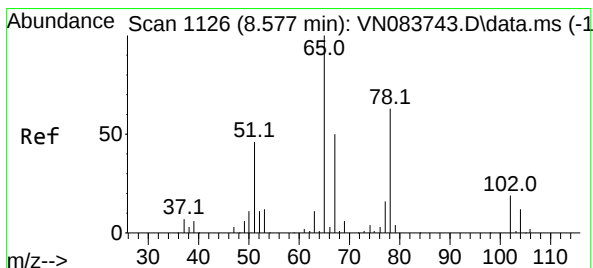
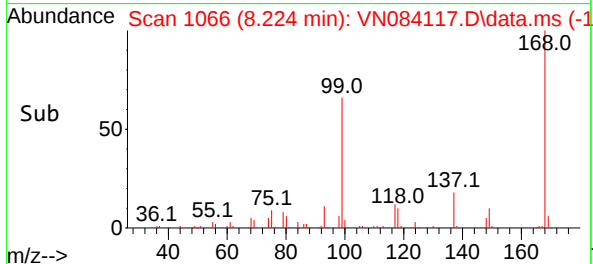
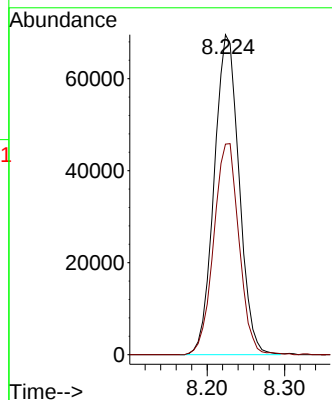
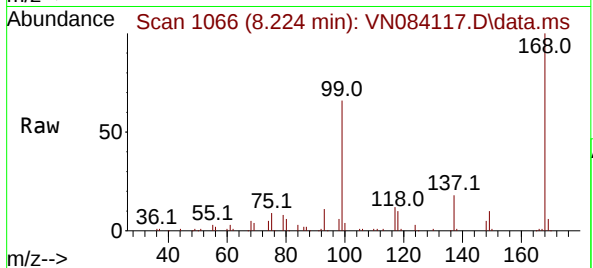




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

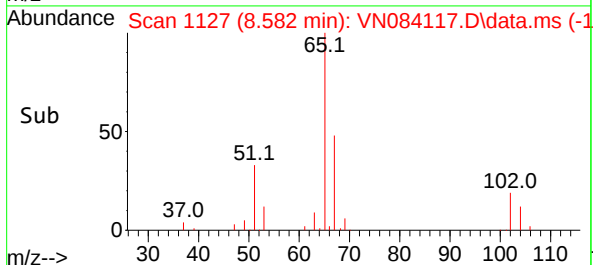
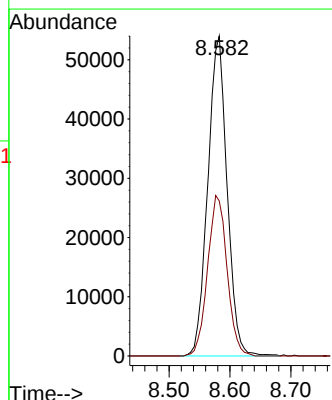
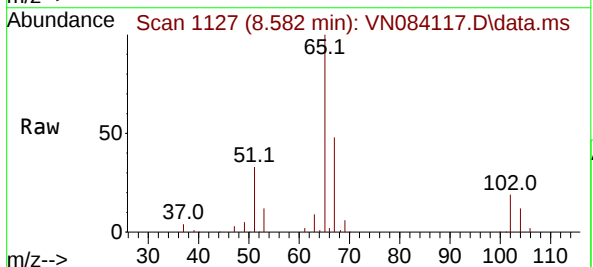
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

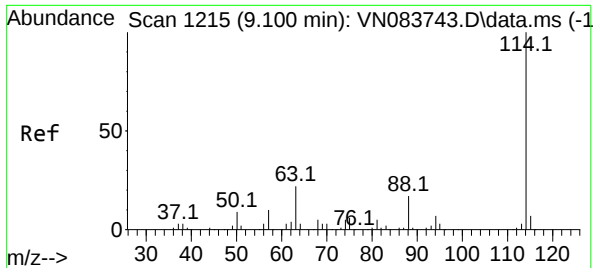
Tgt Ion:168 Resp: 155286
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 65 Resp: 118898
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

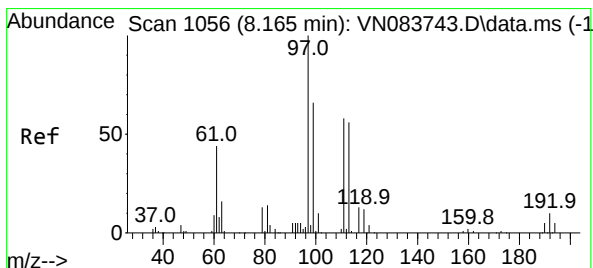
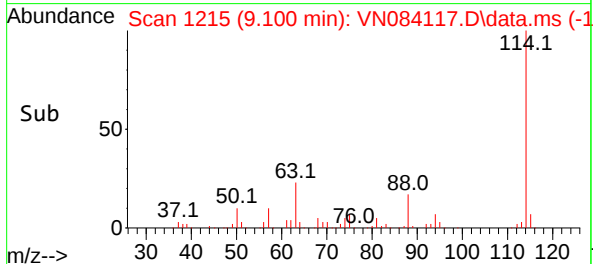
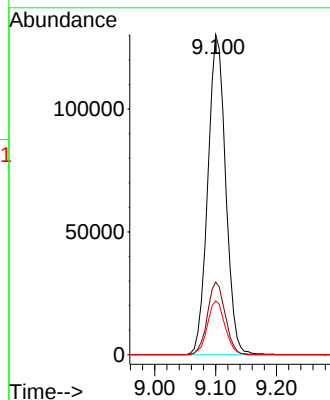
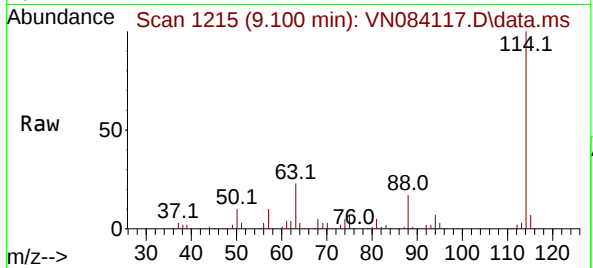




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

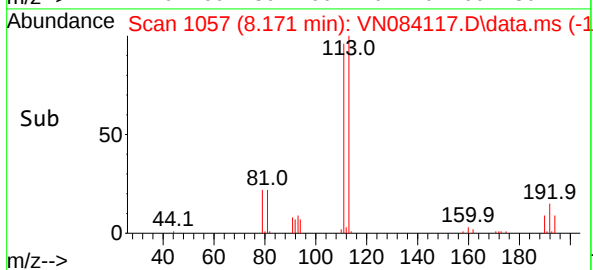
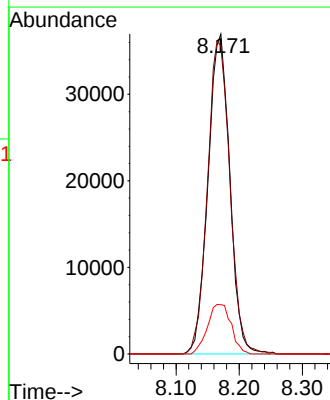
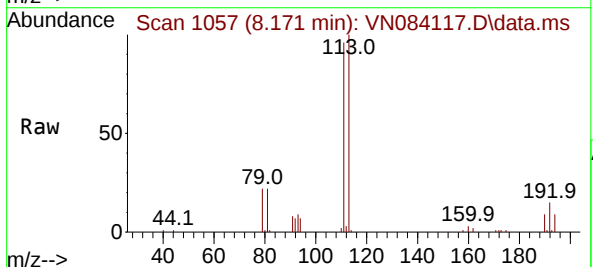
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

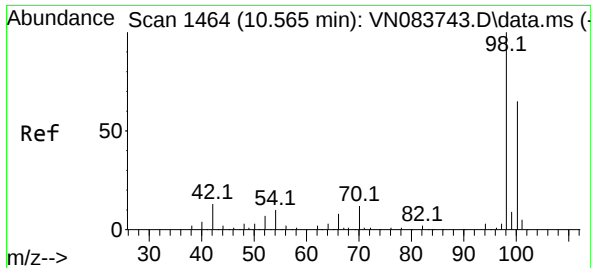
Tgt Ion:114 Resp: 264973
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.180 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion:113 Resp: 88514
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 16.8 14.3 21.5

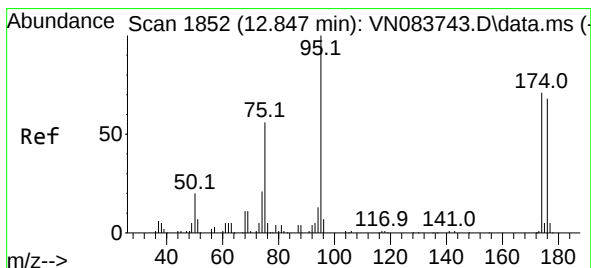
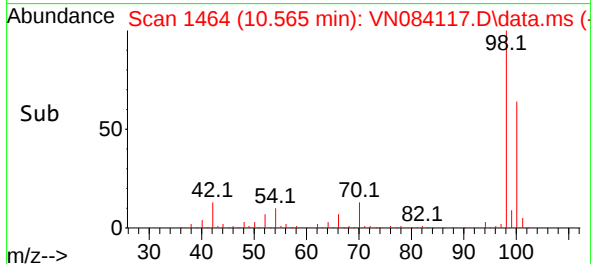
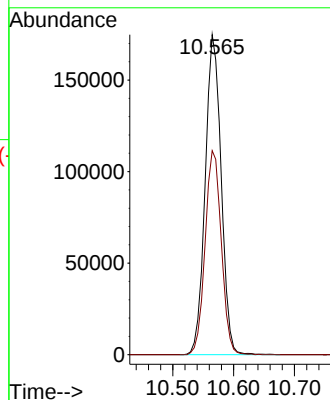
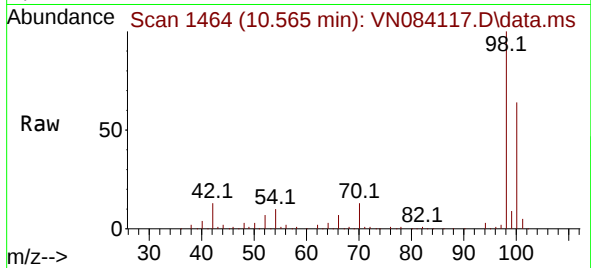




#50
Toluene-d8
Concen: 54.313 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

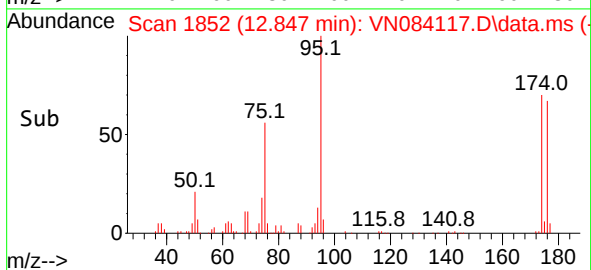
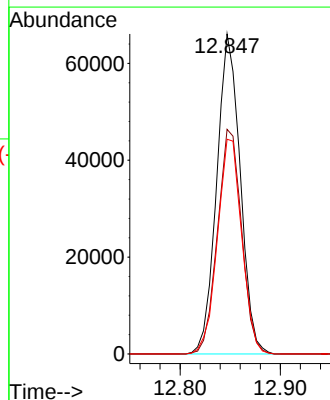
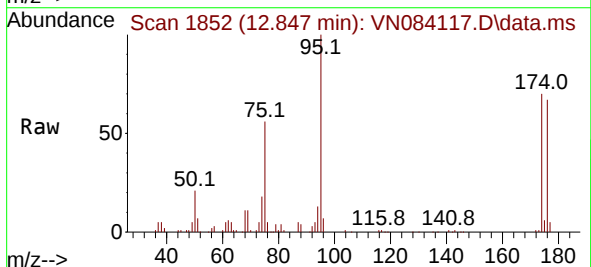
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

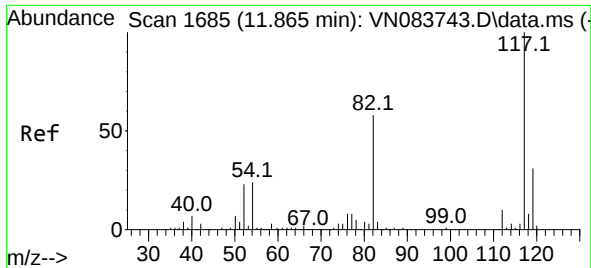
Tgt Ion: 98 Resp: 318507
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.487 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion: 95 Resp: 107634
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 69.4 0.0 131.4

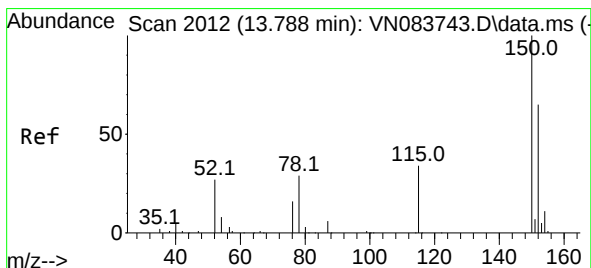
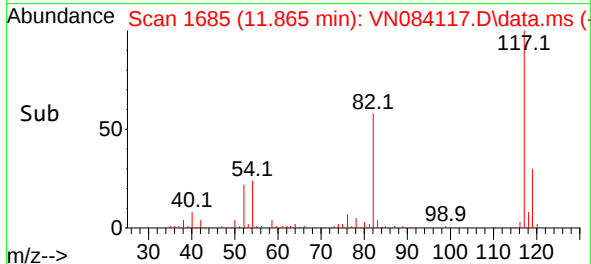
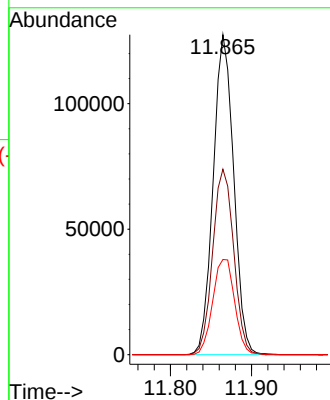
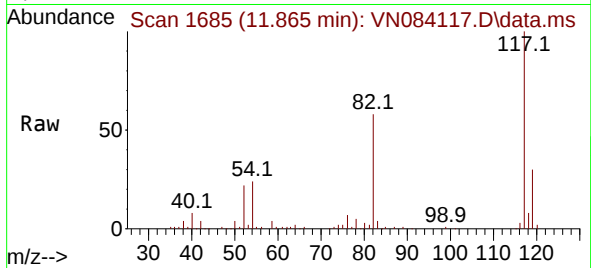




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084117.D
Acq: 23 Sep 2024 18:17

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

Tgt Ion:117 Resp: 223752
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 29.7 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: VN084117.D
Acq: 23 Sep 2024 18:17

Tgt Ion:152 Resp: 88144
Ion Ratio Lower Upper
152 100
115 62.5 32.2 96.6
150 157.1 0.0 348.6

