

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083924.D
 Acq On : 16 Sep 2024 17:51
 Operator : JC\MD
 Sample : P3876-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 17 02:36:15 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	159335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122472	50.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.960%	
35) Dibromofluoromethane	8.165	113	88494	50.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	10.565	98	329494	53.894	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.847	95	120104	47.616	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.240%	

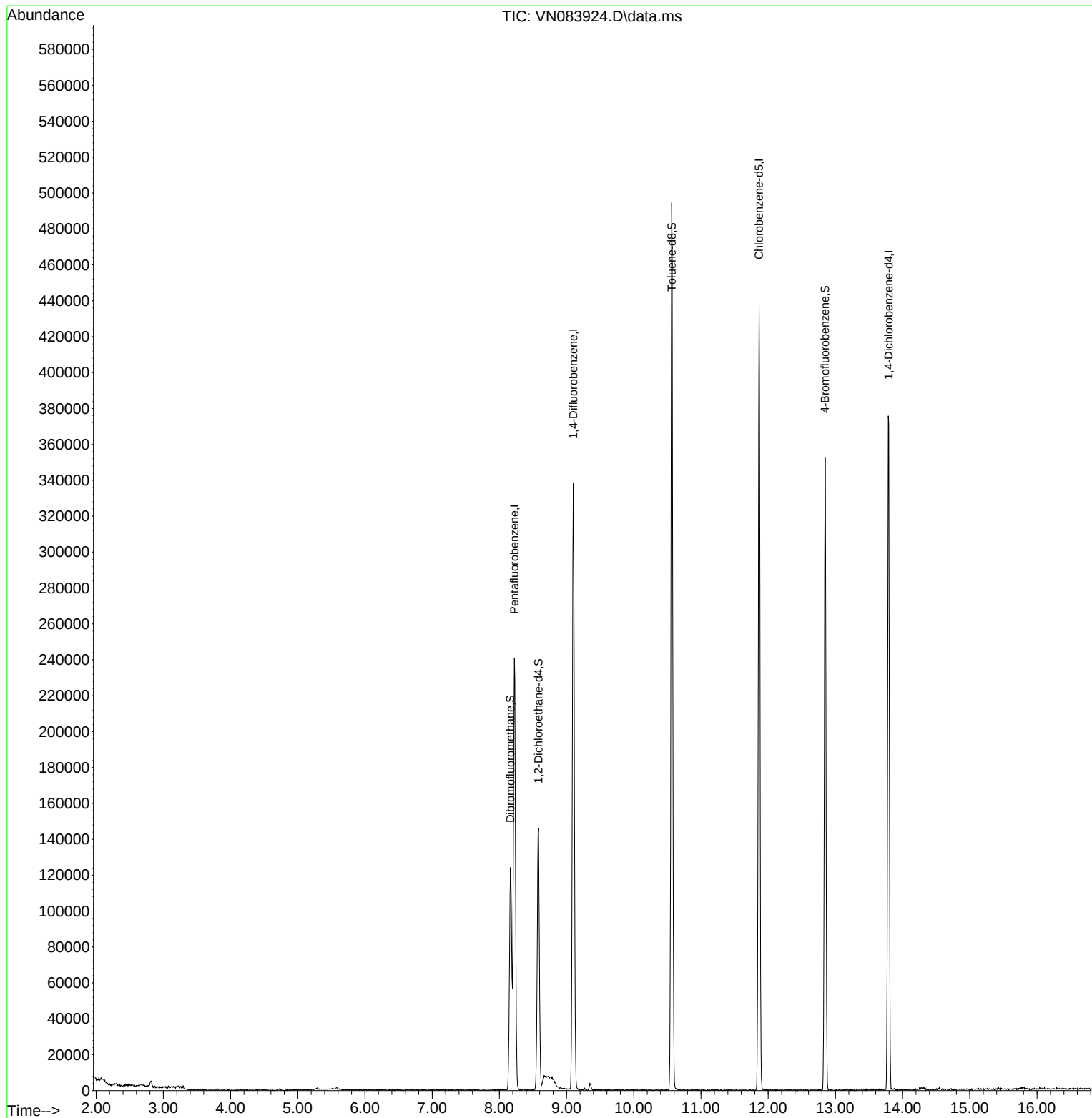
Target Compounds	Qvalue

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

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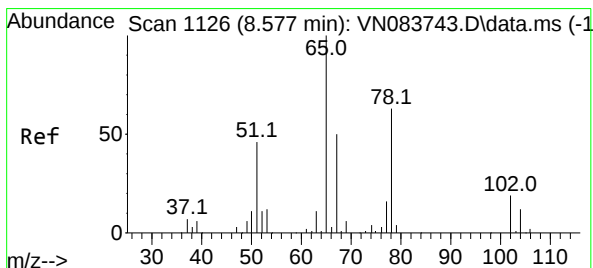
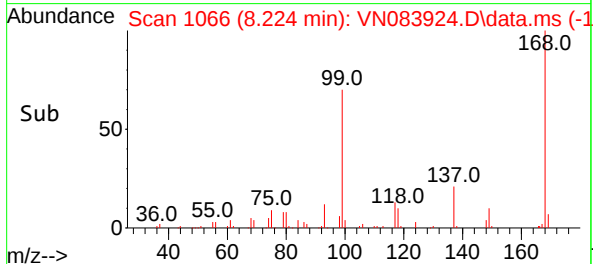
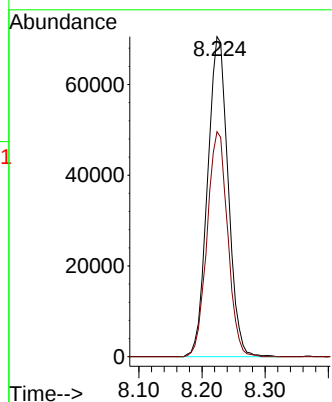
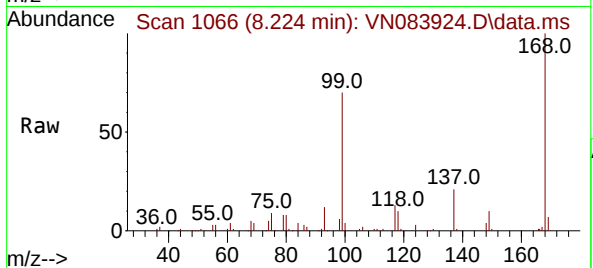




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083924.D
Acq: 16 Sep 2024 17:51

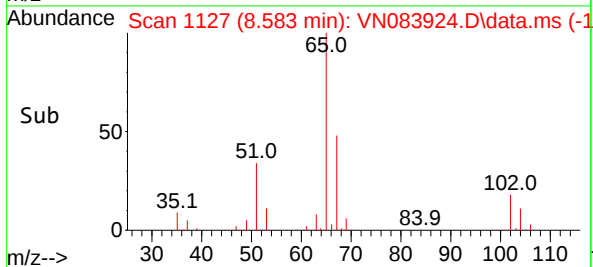
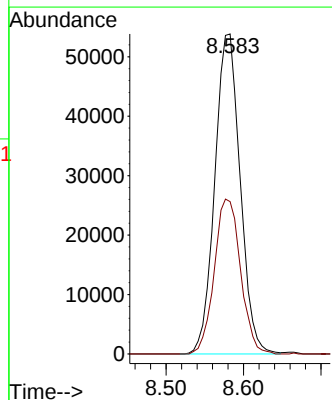
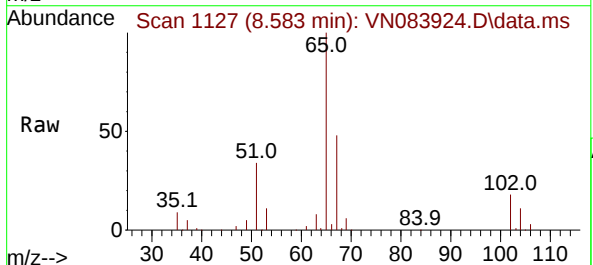
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 159335
Ion Ratio Lower Upper
168 100
99 70.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.976 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083924.D
Acq: 16 Sep 2024 17:51

Tgt Ion: 65 Resp: 122472
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083924.D

Acq: 16 Sep 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

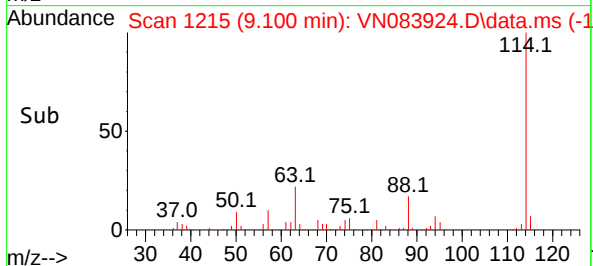
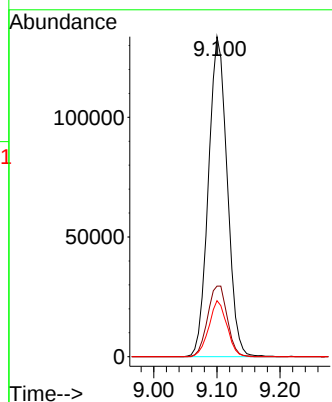
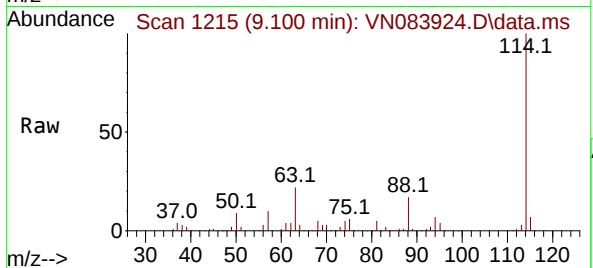
Tgt Ion:114 Resp: 276242

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.040 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083924.D

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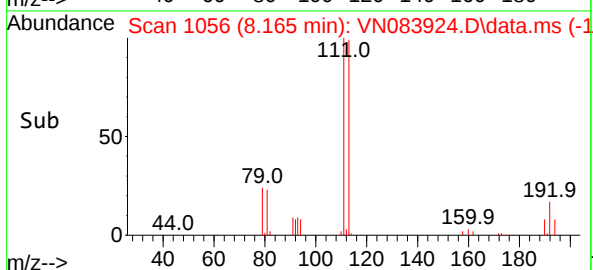
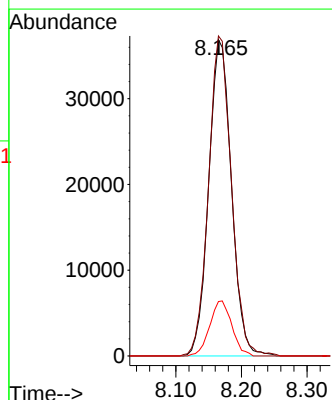
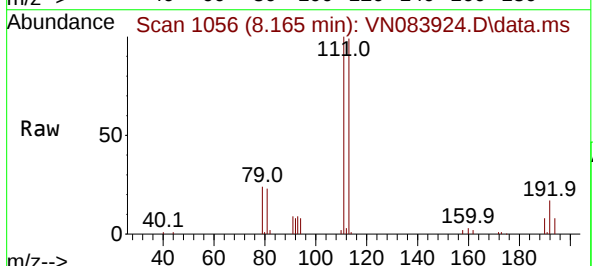
Tgt Ion:113 Resp: 88494

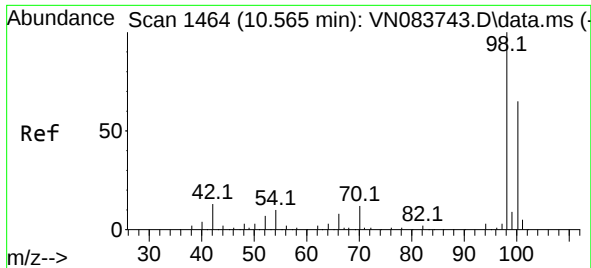
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.0 14.3 21.5

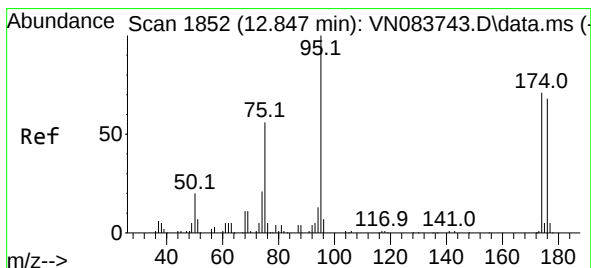
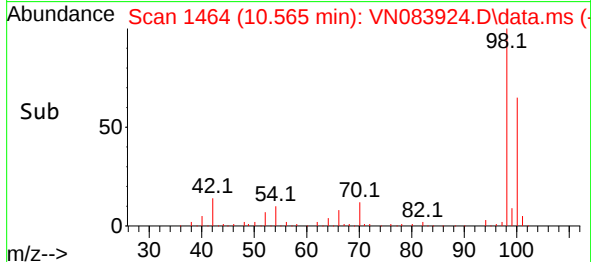
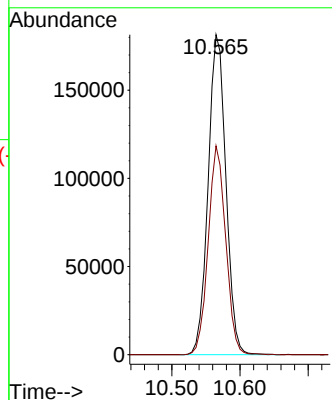
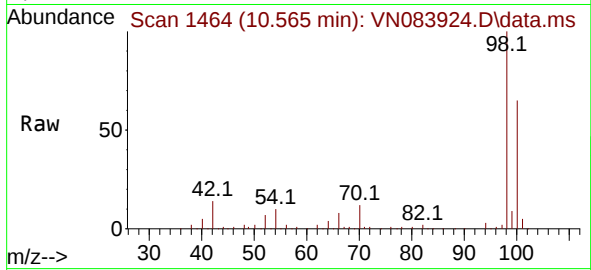




#50
Toluene-d8
Concen: 53.894 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083924.D
Acq: 16 Sep 2024 17:51

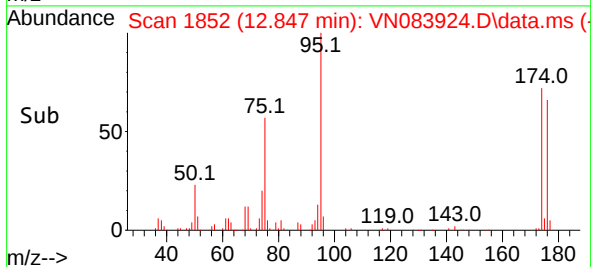
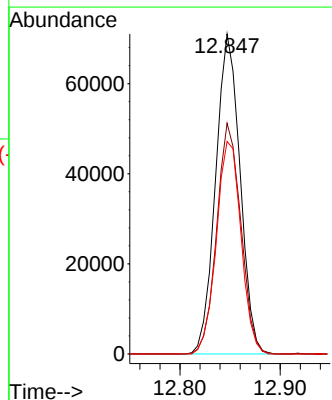
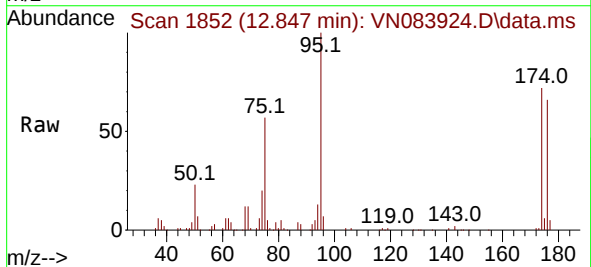
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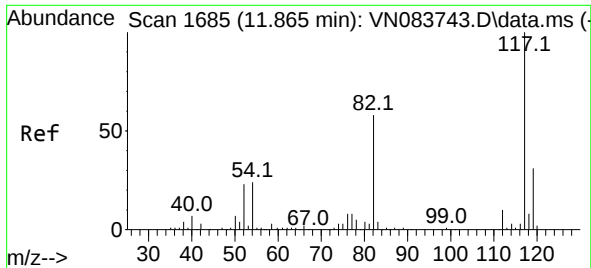
Tgt Ion: 98 Resp: 329494
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.616 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083924.D
Acq: 16 Sep 2024 17:51

Tgt Ion: 95 Resp: 120104
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.0 0.0 131.4

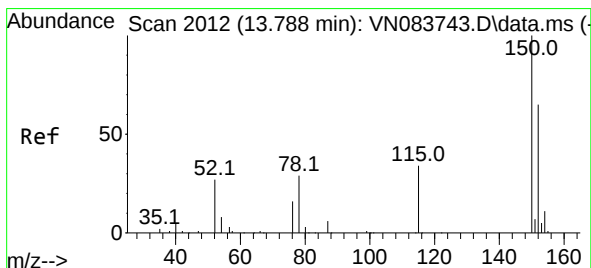
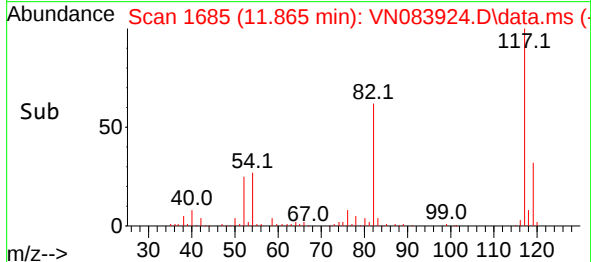
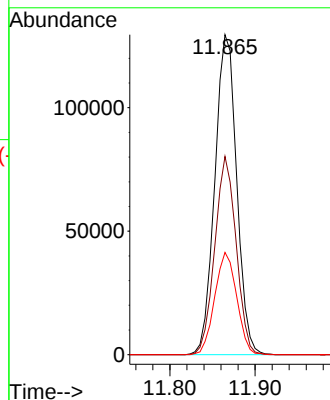
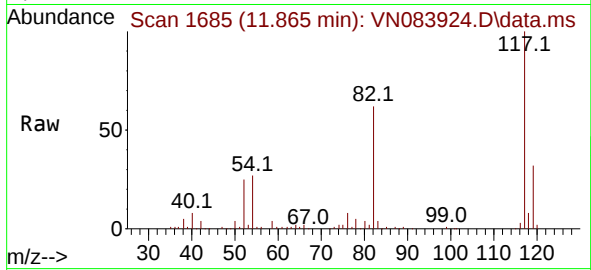




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083924.D
Acq: 16 Sep 2024 17:51

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

Tgt Ion:117 Resp: 230784
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.0
119 31.9 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: VN083924.D
Acq: 16 Sep 2024 17:51

Tgt Ion:152 Resp: 95650
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 161.2 0.0 348.6

