

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083889.D
 Acq On : 14 Sep 2024 14:44
 Operator : JC\MD
 Sample : P3957-14RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D1-20240910RE

Quant Time: Sep 23 06:16:48 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)

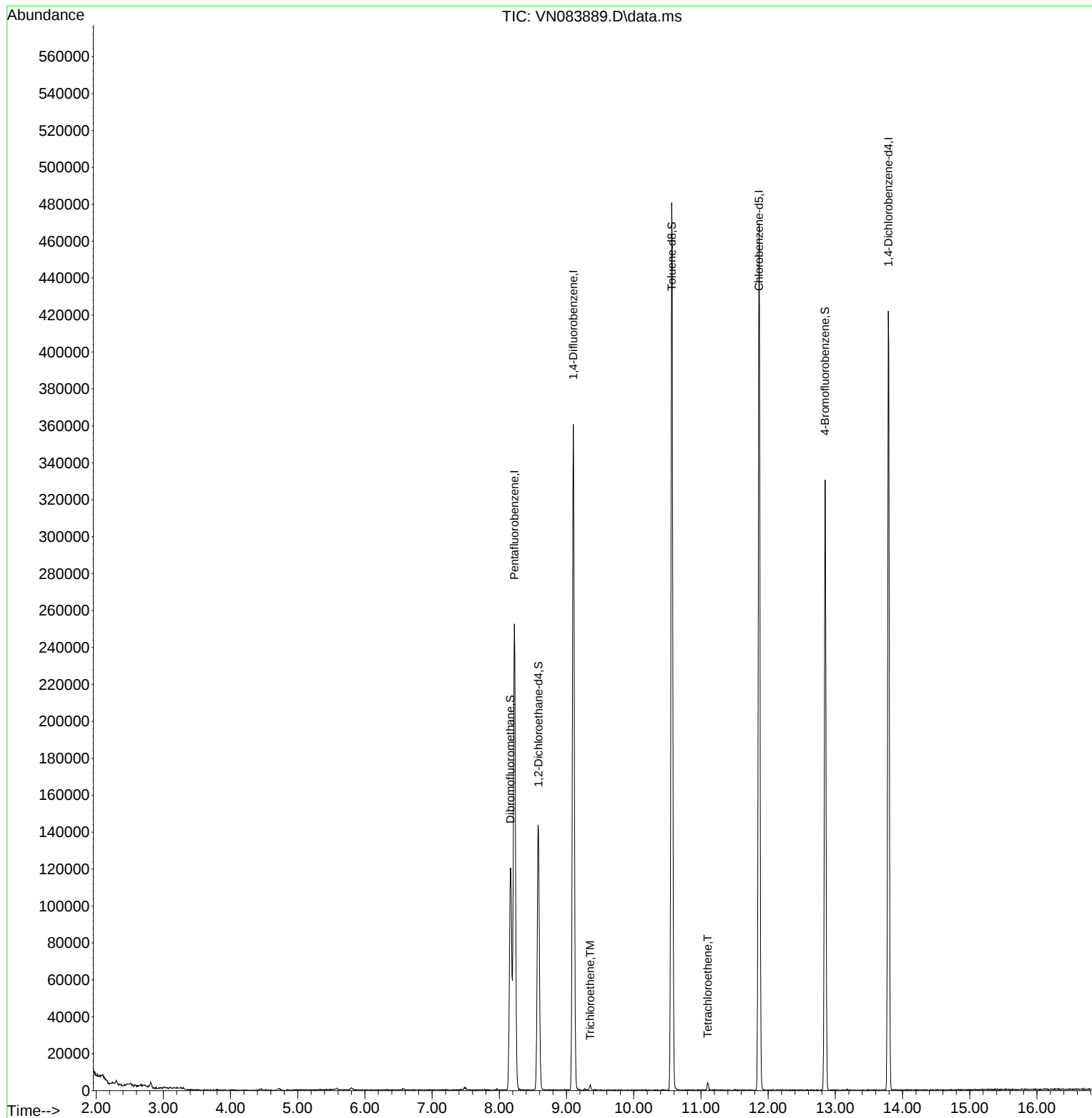
Internal Standards						
1) Pentafluorobenzene	8.224	168	168927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124190	48.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.165	113	87214	46.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.565	98	320736	49.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.847	95	109138	41.066	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.140%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	952	0.487	ug/l	88
64) Tetrachloroethene	11.100	164	893	0.538	ug/l #	83

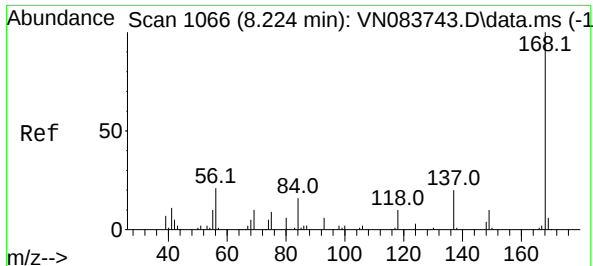
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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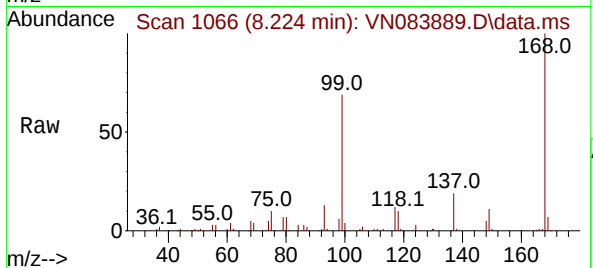
Quant Time: Sep 23 06:16:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



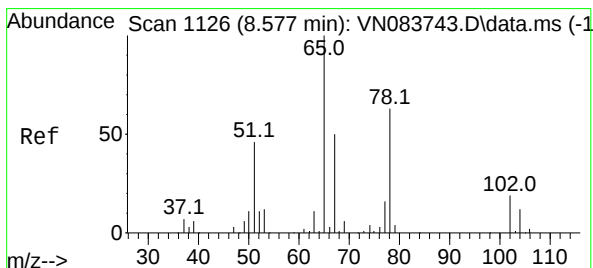
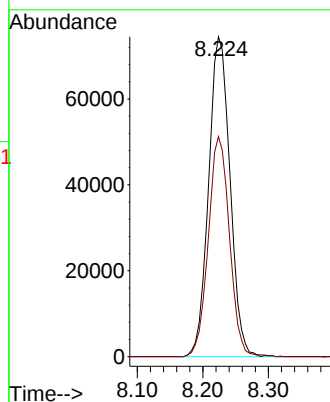
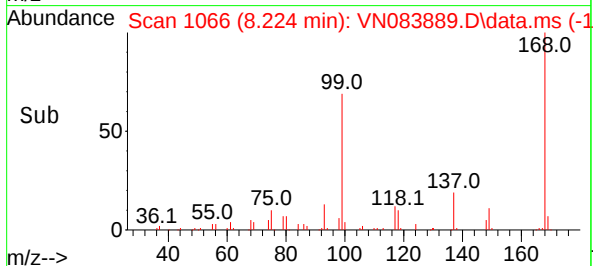


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910RE

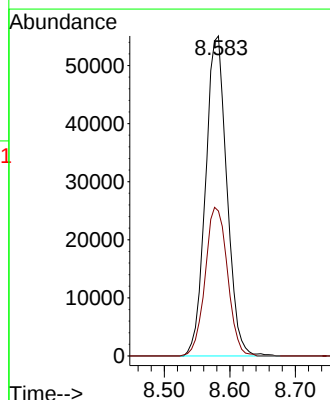
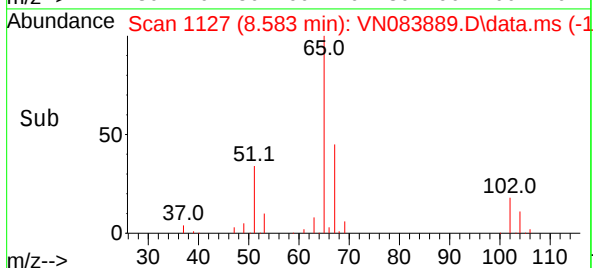
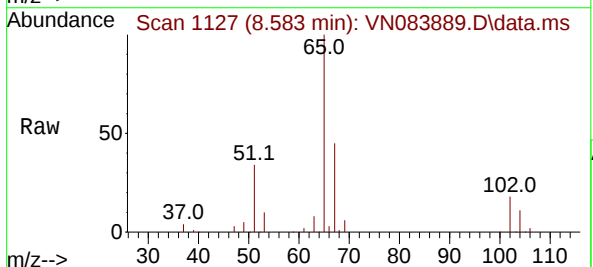


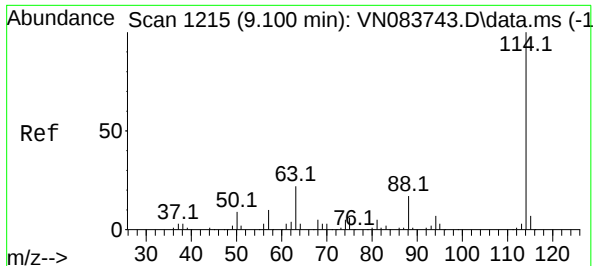
Tgt Ion:168 Resp: 168927
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.756 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44

Tgt Ion: 65 Resp: 124190
Ion Ratio Lower Upper
65 100
67 48.8 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: VN083889.D

Acq: 14 Sep 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

MW201D1-20240910RE

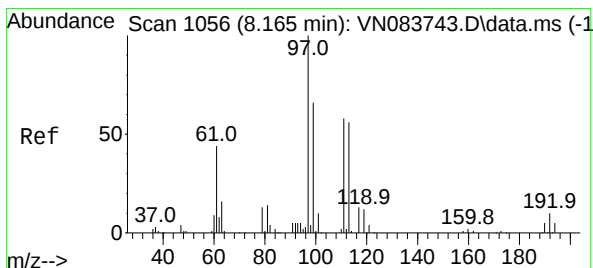
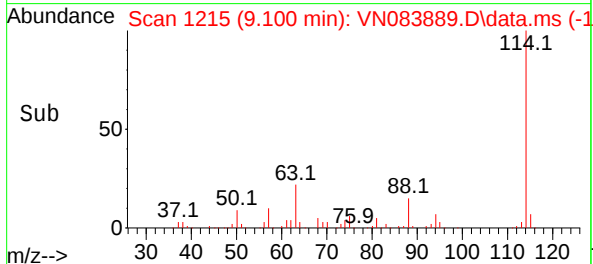
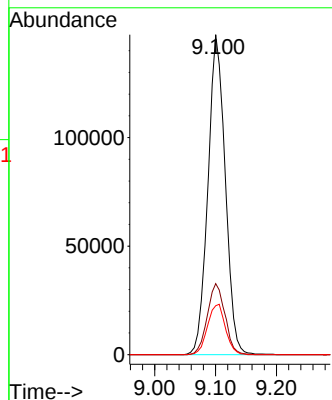
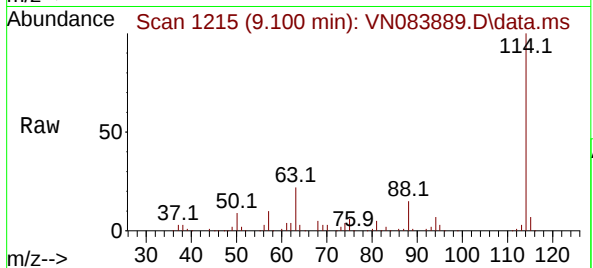
Tgt Ion:114 Resp: 291059

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.806 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083889.D

Acq: 14 Sep 2024 14:44

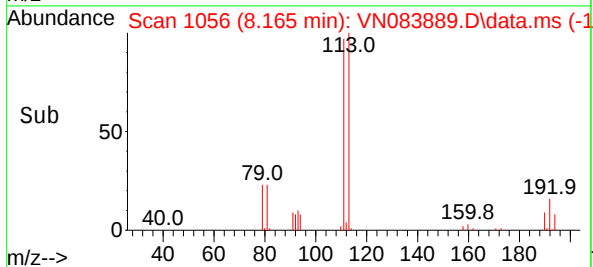
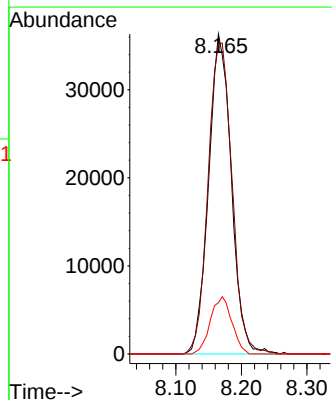
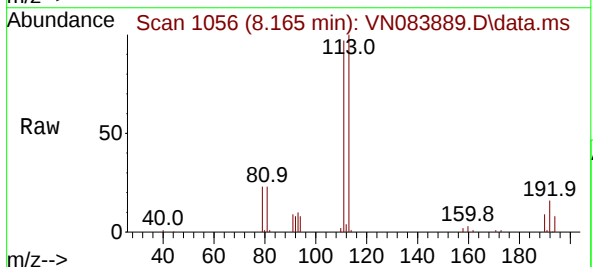
Tgt Ion:113 Resp: 87214

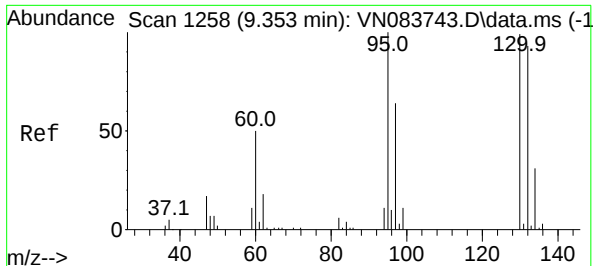
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 16.9 14.3 21.5

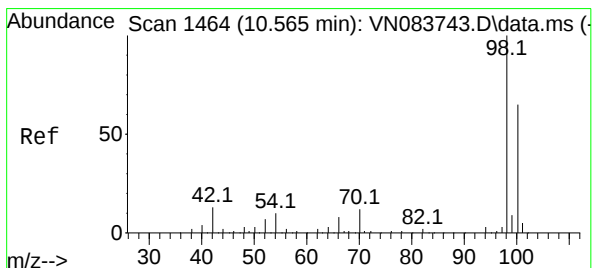
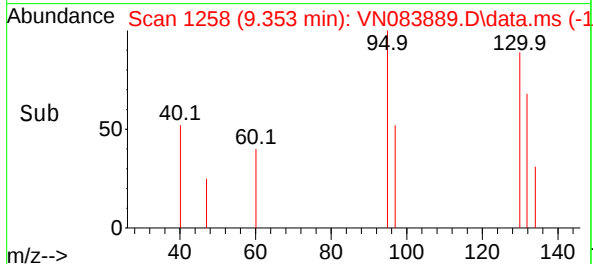
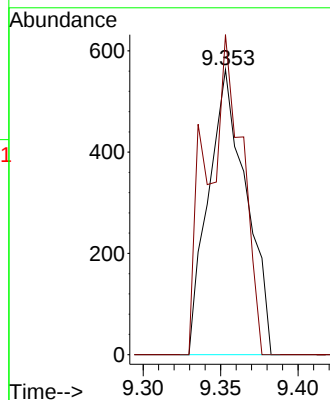
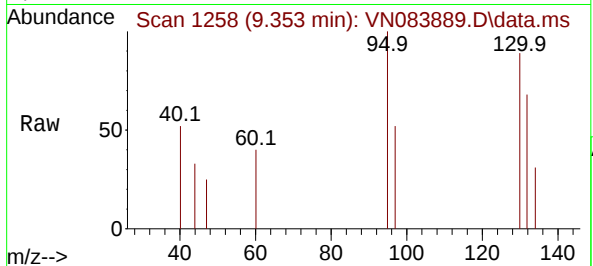




#44
Trichloroethene
Concen: 0.487 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44

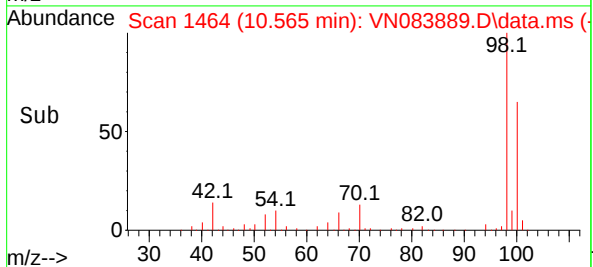
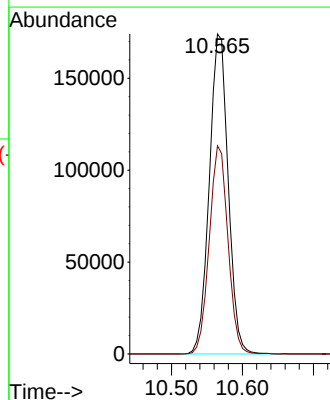
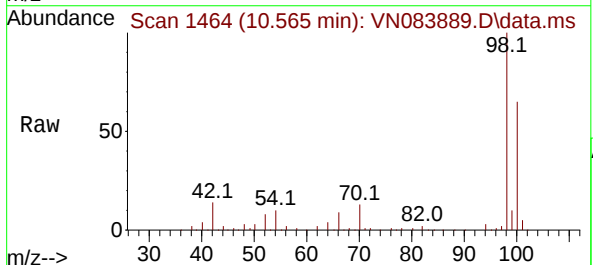
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910RE

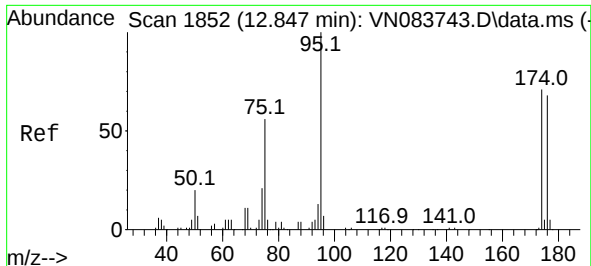
Tgt Ion:130 Resp: 952
Ion Ratio Lower Upper
130 100
95 112.3 0.0 200.4



#50
Toluene-d8
Concen: 49.791 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44

Tgt Ion: 98 Resp: 320736
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 41.066 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083889.D

Acq: 14 Sep 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

MW201D1-20240910RE

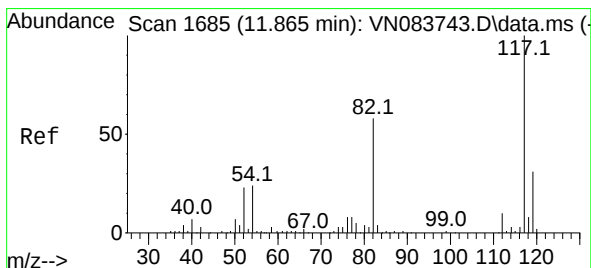
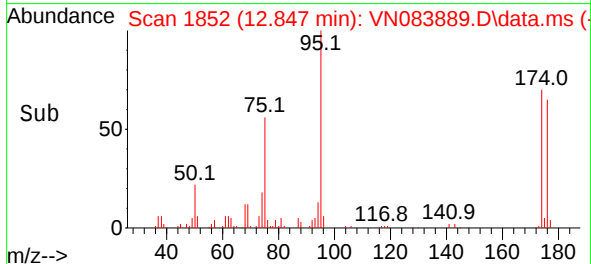
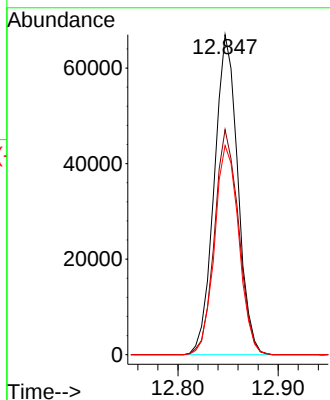
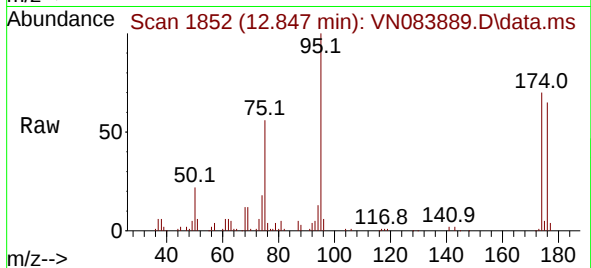
Tgt Ion: 95 Resp: 109138

Ion Ratio Lower Upper

95 100

174 72.0 0.0 139.8

176 67.5 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN083889.D

Acq: 14 Sep 2024 14:44

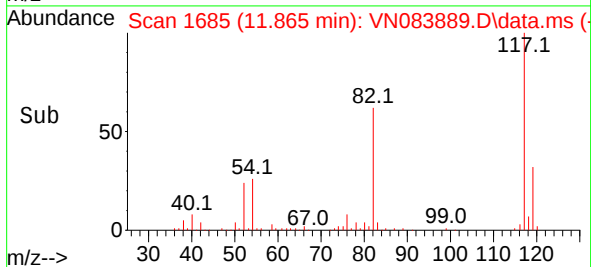
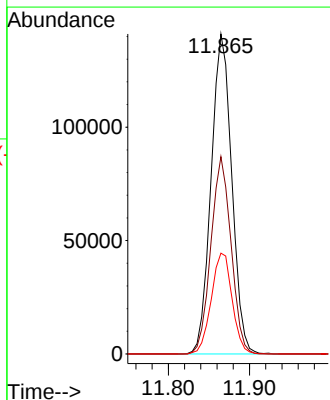
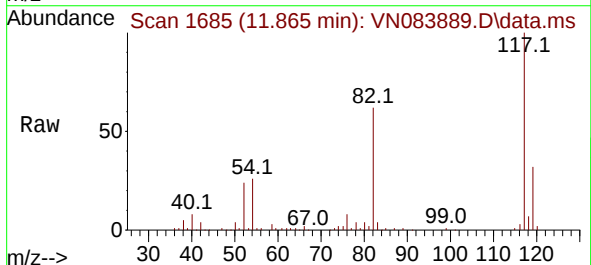
Tgt Ion: 117 Resp: 249385

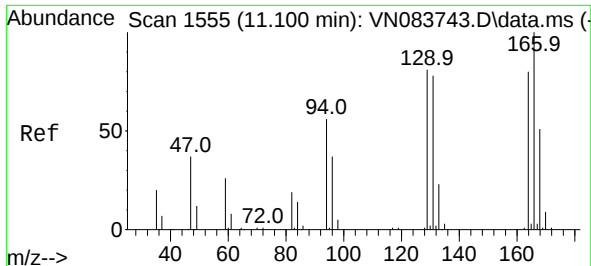
Ion Ratio Lower Upper

117 100

82 61.6 47.4 71.0

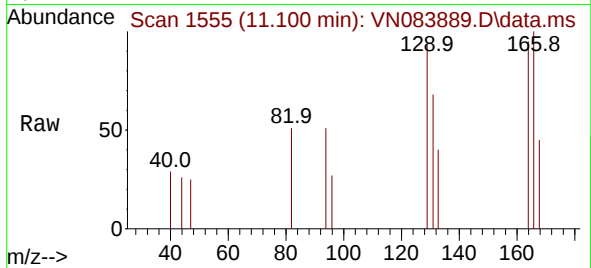
119 31.5 26.3 39.5



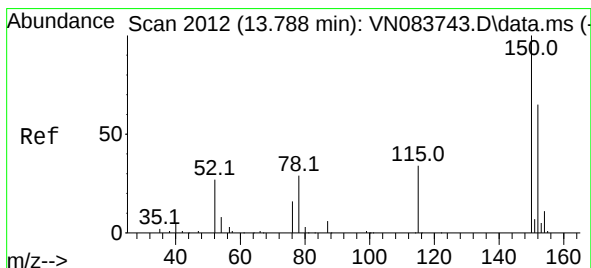
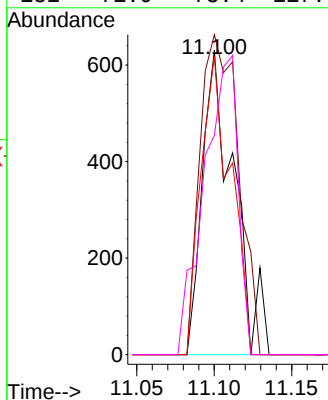
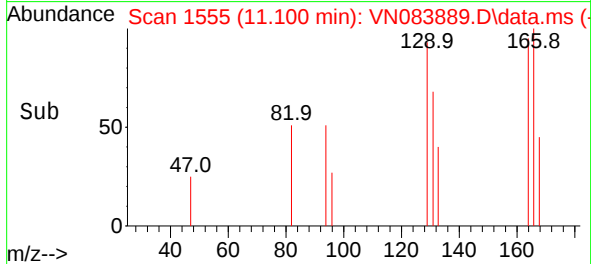


#64
Tetrachloroethene
Concen: 0.538 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44

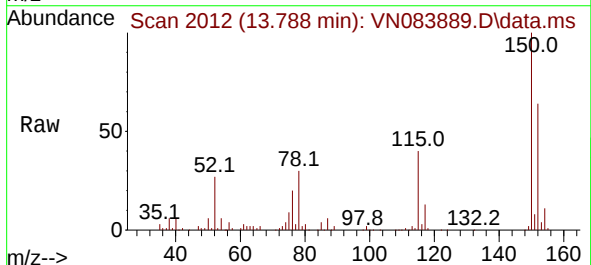
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910RE



Tgt Ion:164 Resp: 893
Ion Ratio Lower Upper
164 100
166 105.1 103.7 155.5
129 98.1 79.9 119.9
131 71.9 78.4 117.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN083889.D
Acq: 14 Sep 2024 14:44



Tgt Ion:152 Resp: 105461
Ion Ratio Lower Upper
152 100
115 63.0 32.2 96.6
150 156.0 0.0 348.6

