

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083891.D
 Acq On : 14 Sep 2024 15:32
 Operator : JC\MD
 Sample : P3957-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20240911RE

Quant Time: Sep 16 01:36:27 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)

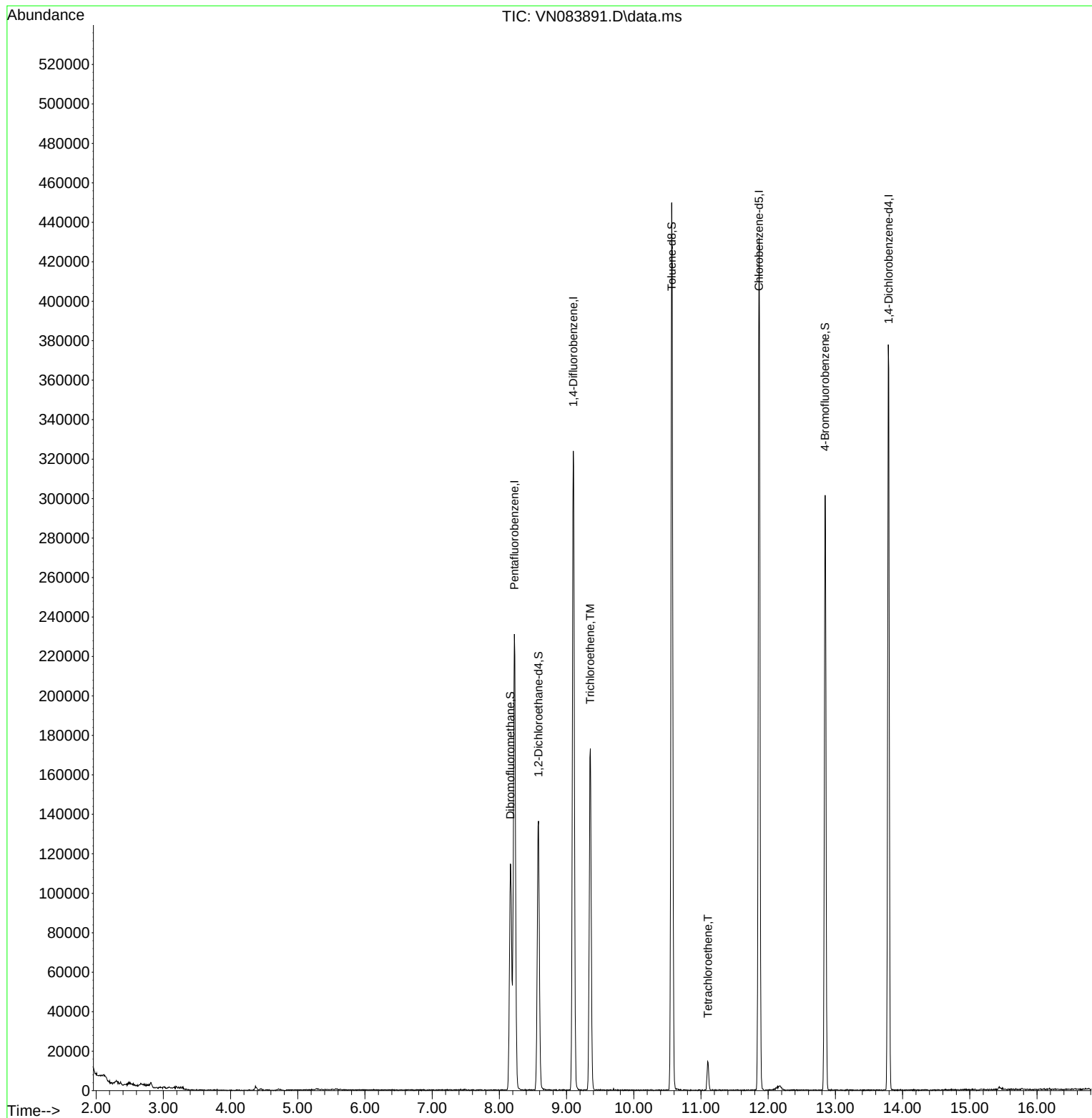
Internal Standards						
1) Pentafluorobenzene	8.224	168	153363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115773	50.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.120%
35) Dibromofluoromethane	8.165	113	81608	47.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	10.565	98	297853	49.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.847	95	102665	41.648	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.300%
Target Compounds						
44) Trichloroethene	9.353	130	59006	32.543	ug/l	95
64) Tetrachloroethene	11.106	164	3080	2.011	ug/l #	80

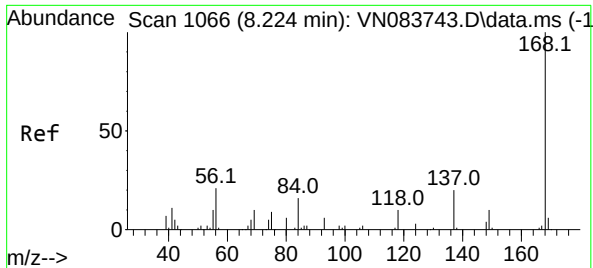
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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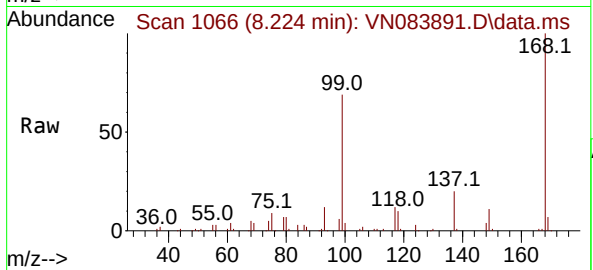
Quant Time: Sep 16 01:36:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



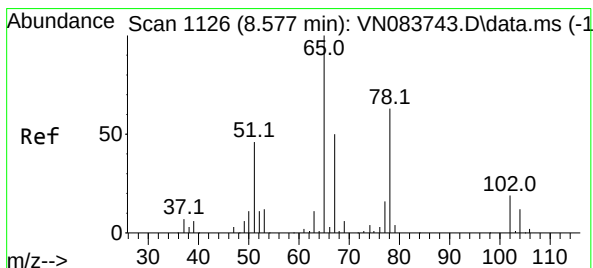
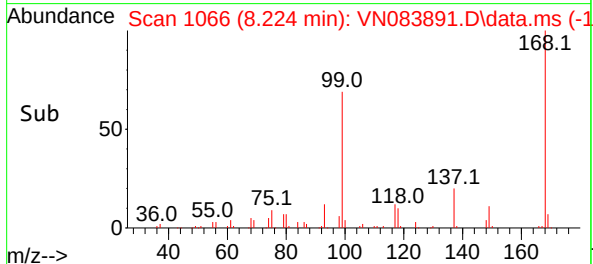
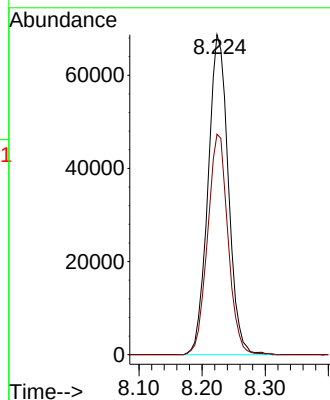


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

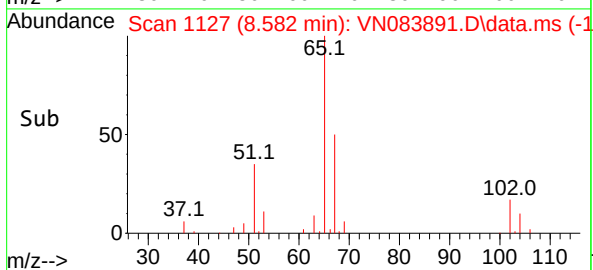
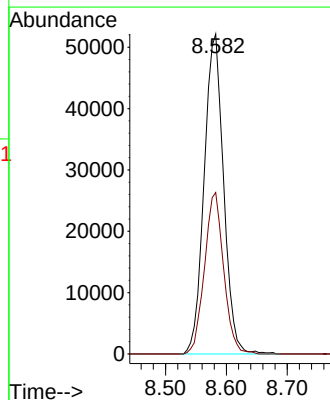
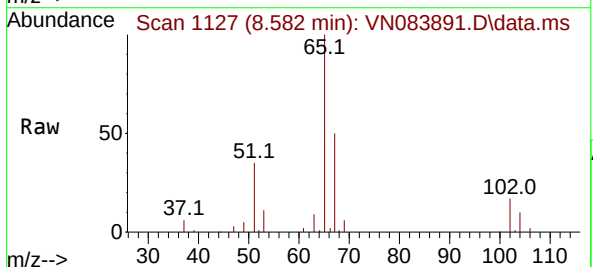


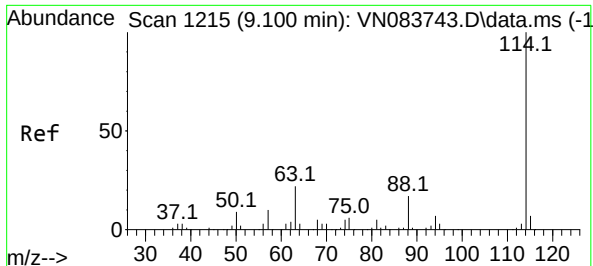
Tgt Ion:168 Resp: 153363
Ion Ratio Lower Upper
168 100
99 68.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.064 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 65 Resp: 115773
Ion Ratio Lower Upper
65 100
67 49.8 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: VN083891.D

Acq: 14 Sep 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20240911RE

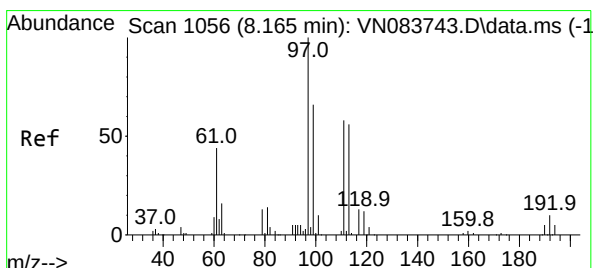
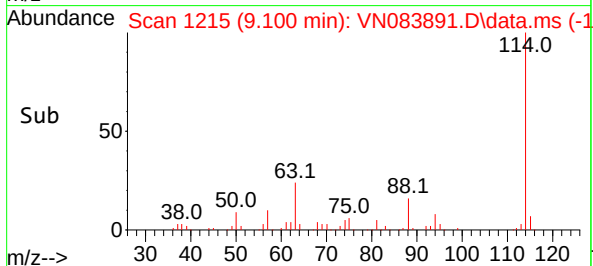
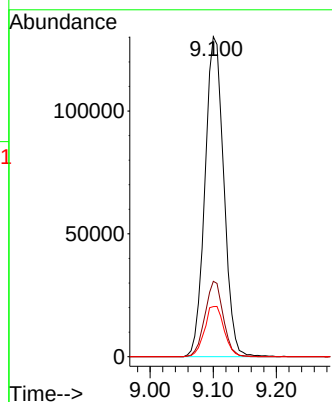
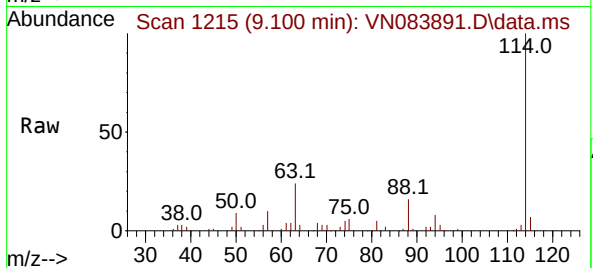
Tgt Ion:114 Resp: 269970

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.218 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083891.D

Acq: 14 Sep 2024 15:32

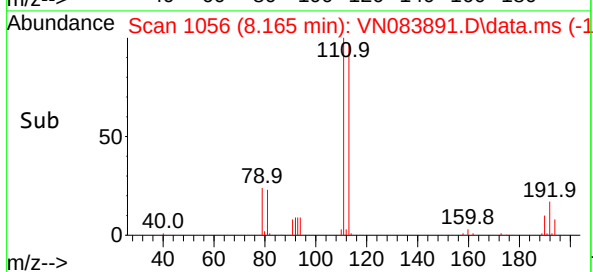
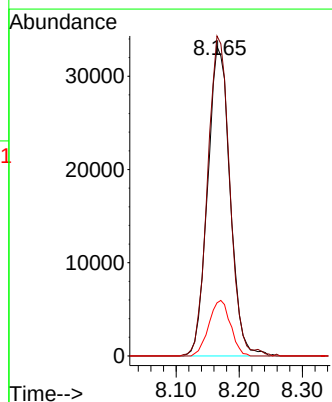
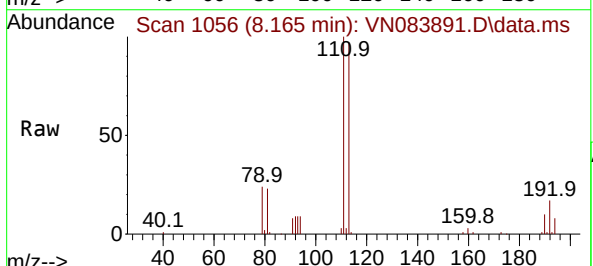
Tgt Ion:113 Resp: 81608

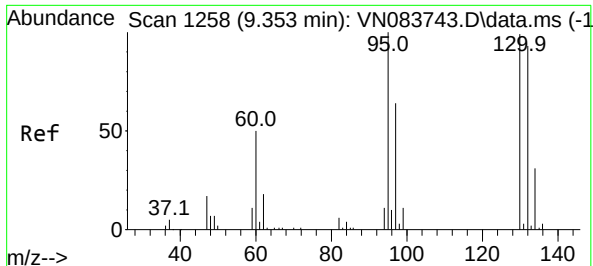
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 17.4 14.3 21.5

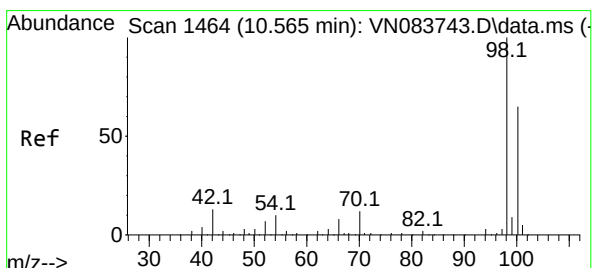
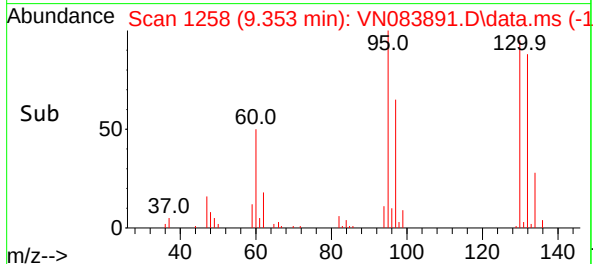
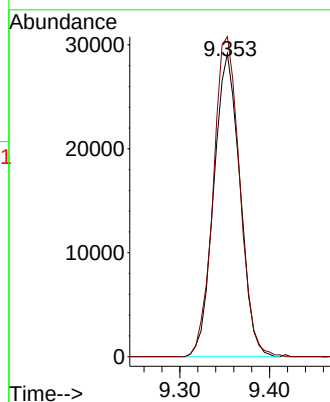
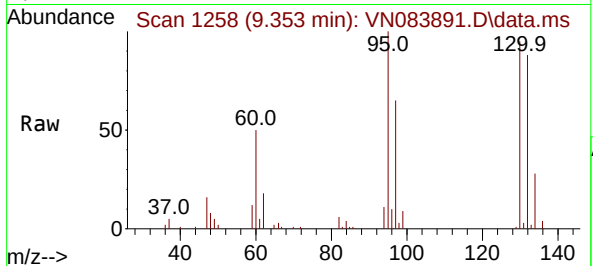




#44
Trichloroethene
Concen: 32.543 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

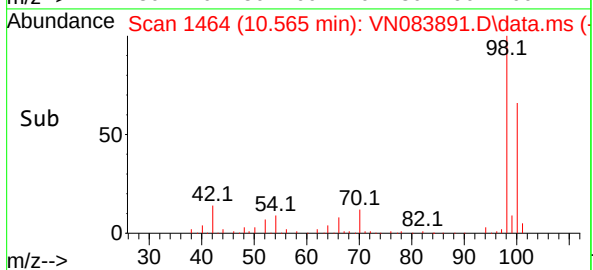
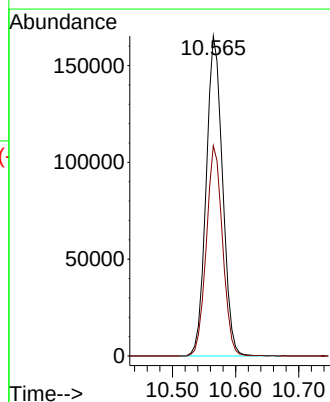
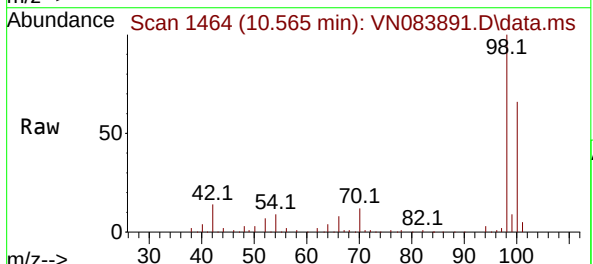
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

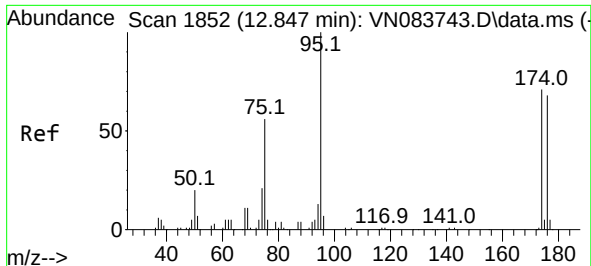
Tgt Ion:130 Resp: 59006
Ion Ratio Lower Upper
130 100
95 105.6 0.0 200.4



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 98 Resp: 297853
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

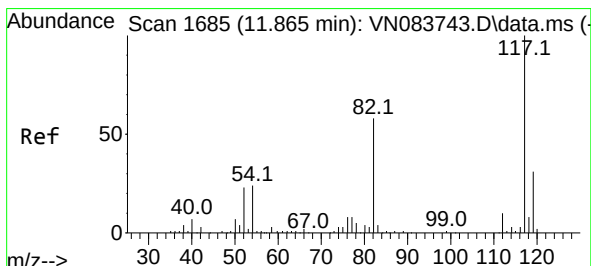
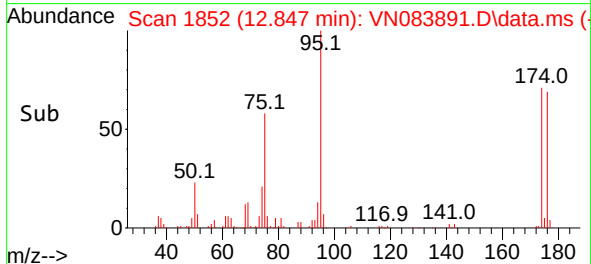
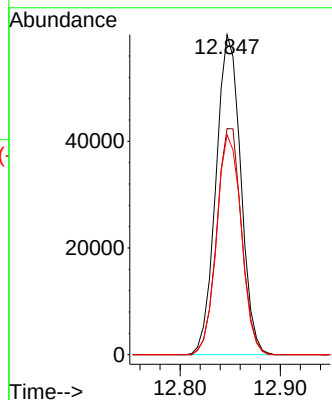
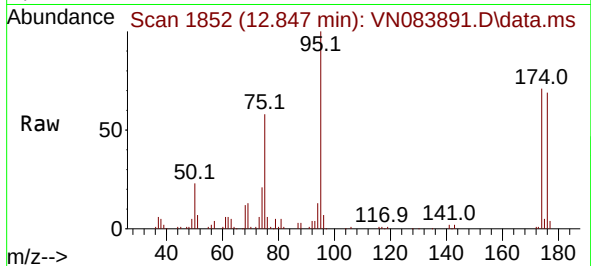




#62
4-Bromofluorobenzene
Concen: 41.648 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

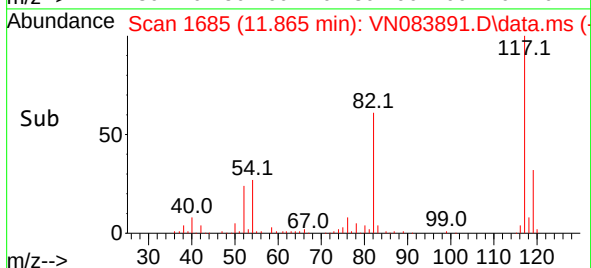
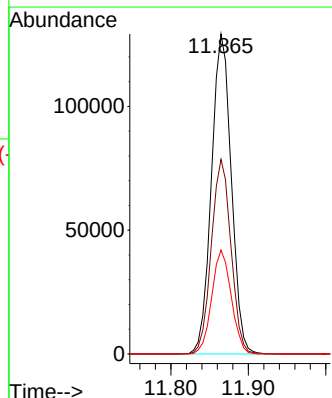
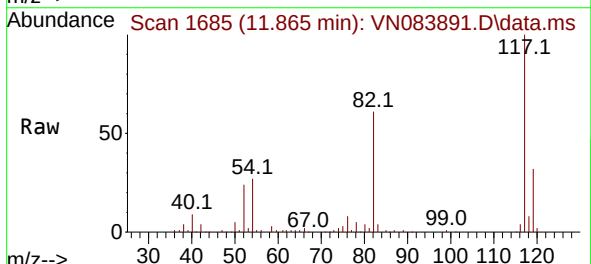
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

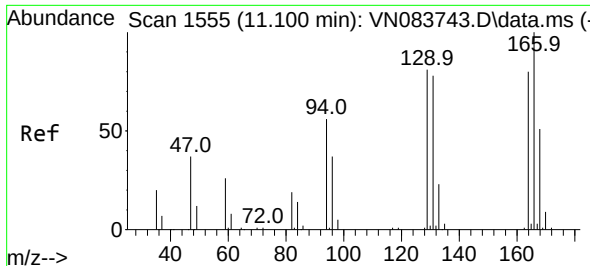
Tgt Ion: 95 Resp: 102665
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 68.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

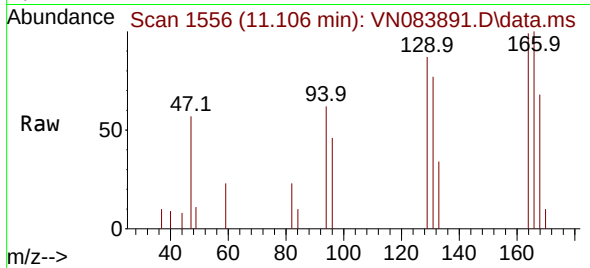
Tgt Ion: 117 Resp: 230289
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 32.5 26.3 39.5



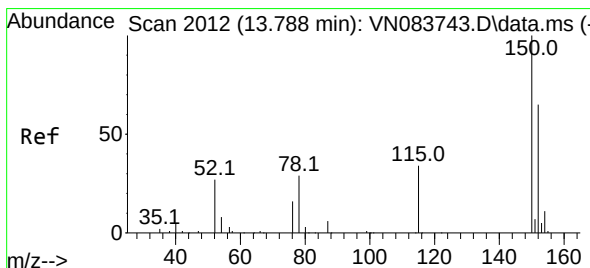
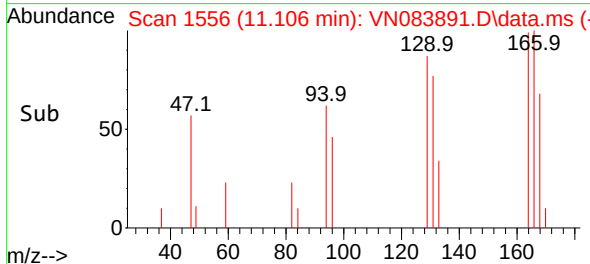
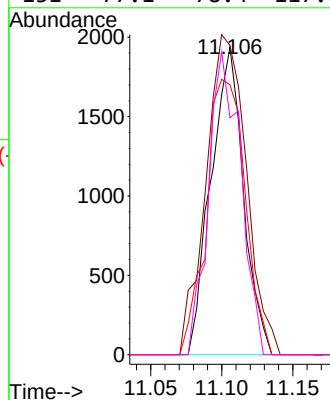


#64
Tetrachloroethene
Concen: 2.011 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE



Tgt Ion:164 Resp: 3080
Ion Ratio Lower Upper
164 100
166 100.7 103.7 155.5#
129 87.9 79.9 119.9
131 77.1 78.4 117.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion:152 Resp: 94290
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 157.9 0.0 348.6

