

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083853.D
 Acq On : 13 Sep 2024 05:01
 Operator : JC\MD
 Sample : P3957-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW305I-20240910

Quant Time: Sep 13 06:41:05 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)

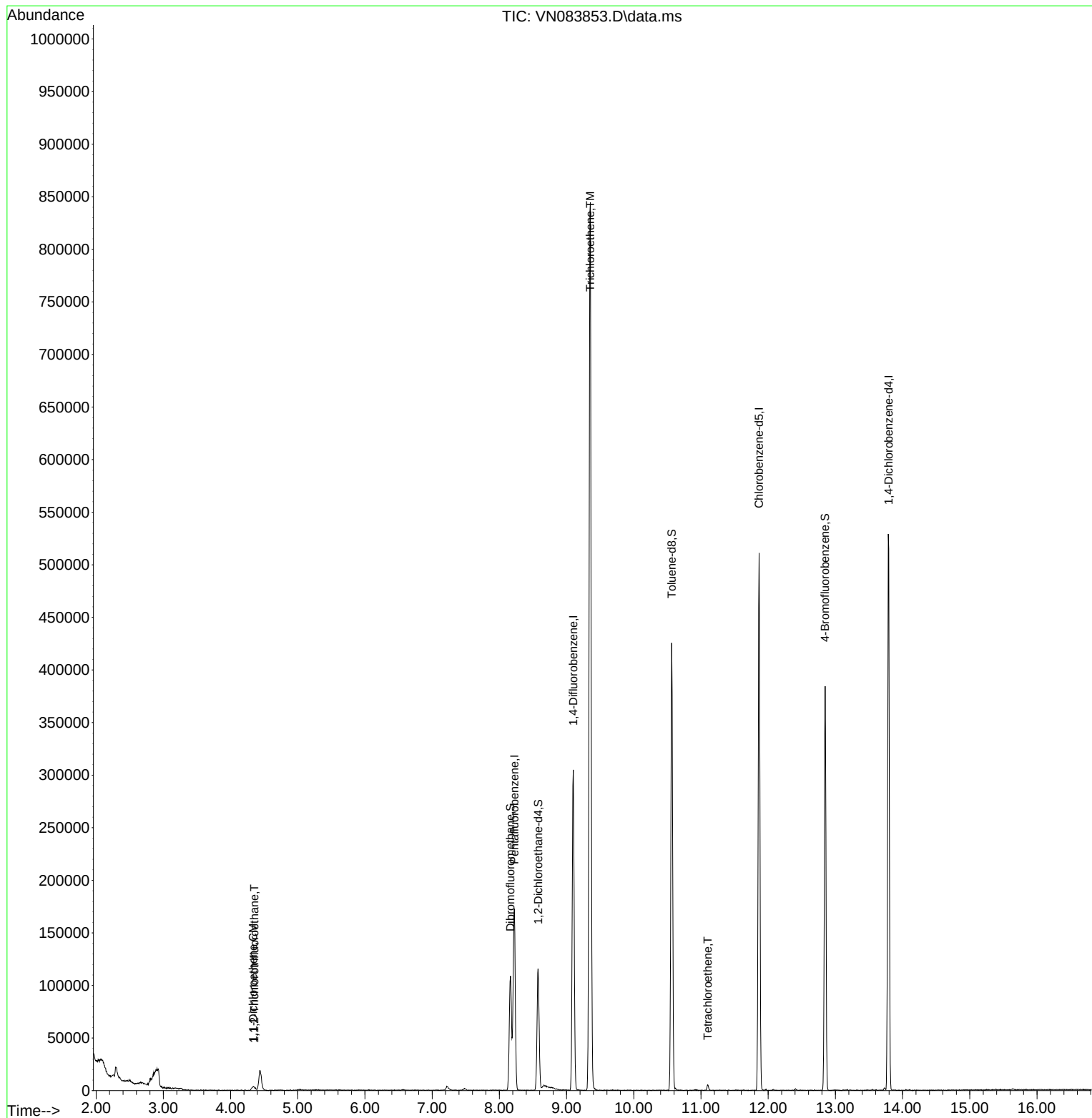
Internal Standards						
1) Pentafluorobenzene	8.224	168	118843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	95492	53.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.580%	
35) Dibromofluoromethane	8.165	113	76581	47.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.480%	
50) Toluene-d8	10.565	98	281674	50.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.847	95	129580	56.639	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.280%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.353	101	1913	1.405	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	1446	1.125	ug/l #	71
44) Trichloroethene	9.353	130	292609	173.885	ug/l	94
64) Tetrachloroethene	11.100	164	1215	0.667	ug/l #	77

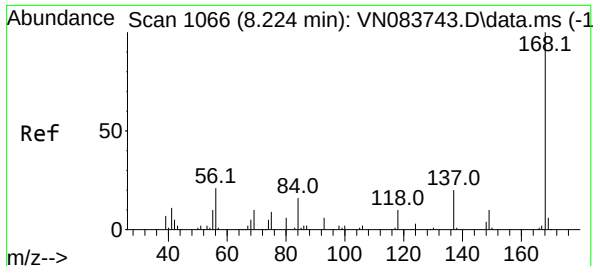
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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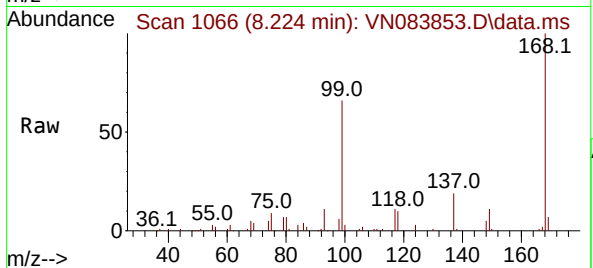
Quant Time: Sep 13 06:41:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



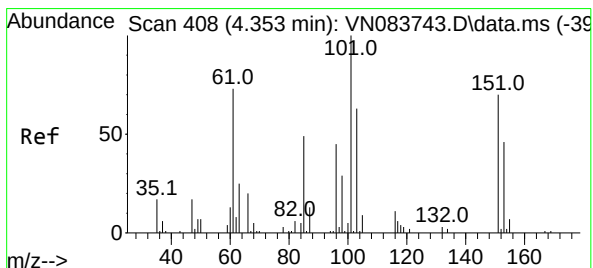
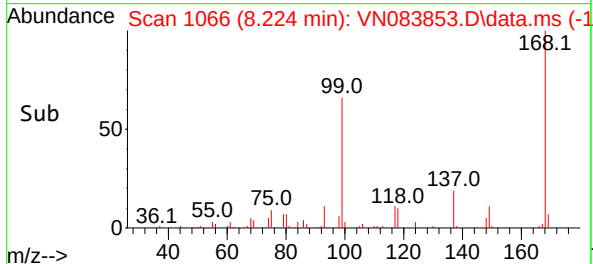
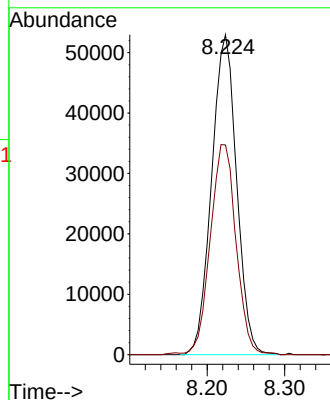


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

Instrument :
MSVOA_N
ClientSampleId :
MW305I-20240910

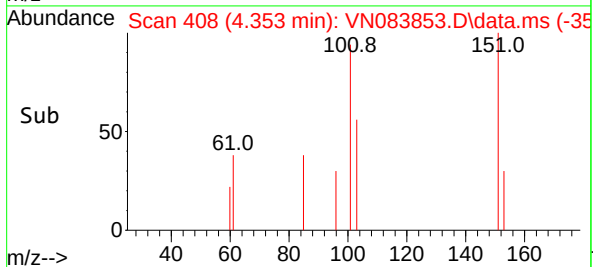
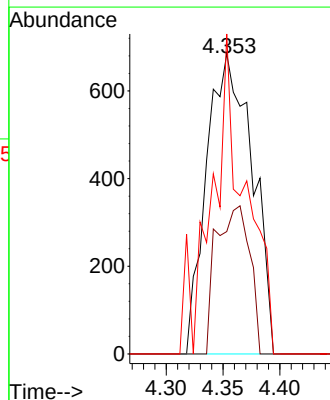
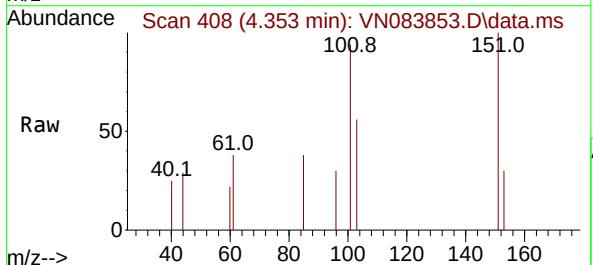


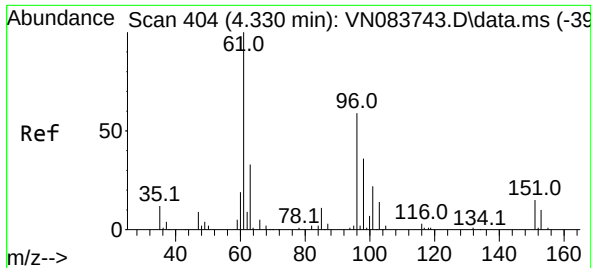
Tgt Ion:168 Resp: 118843
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.405 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

Tgt Ion:101 Resp: 1913
Ion Ratio Lower Upper
101 100
85 36.1 36.2 54.4#
151 78.7 57.7 86.5





#12

1,1-Dichloroethene

Concen: 1.125 ug/l

RT: 4.336 min Scan# 404

Delta R.T. 0.006 min

Lab File: VN083853.D

Acq: 13 Sep 2024 05:01

Instrument :

MSVOA_N

ClientSampleId :

MW305I-20240910

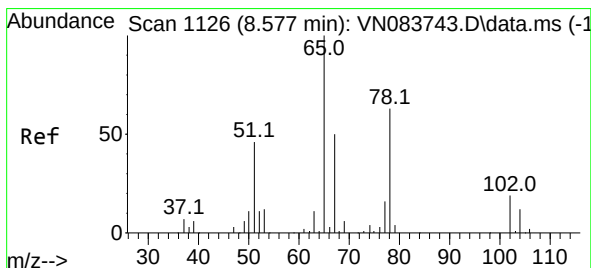
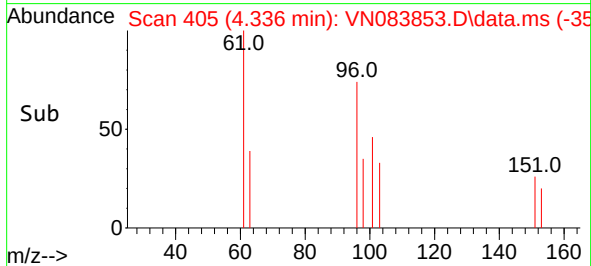
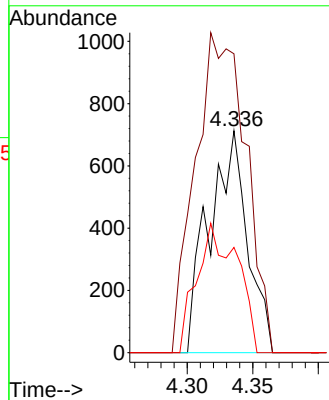
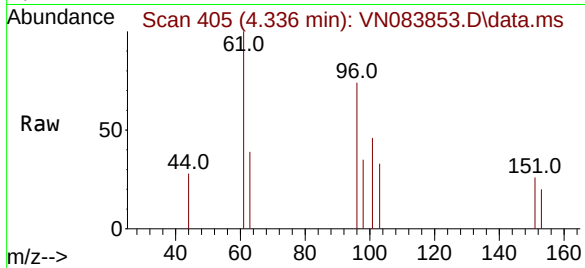
Tgt Ion: 96 Resp: 1446

Ion Ratio Lower Upper

96 100

61 134.6 143.4 215.0#

98 47.4 52.7 79.1#



#33

1,2-Dichloroethane-d4

Concen: 53.288 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083853.D

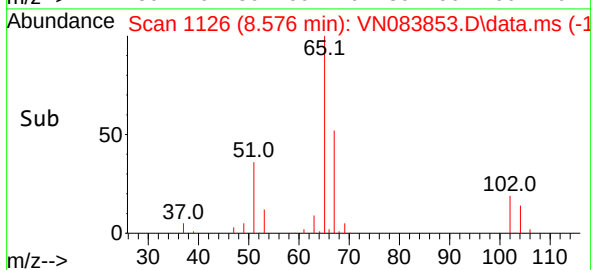
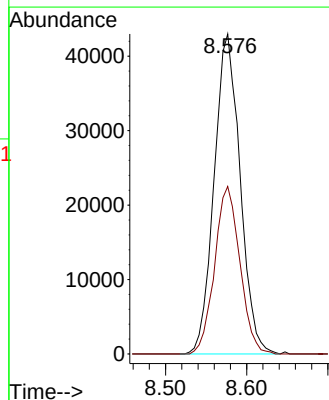
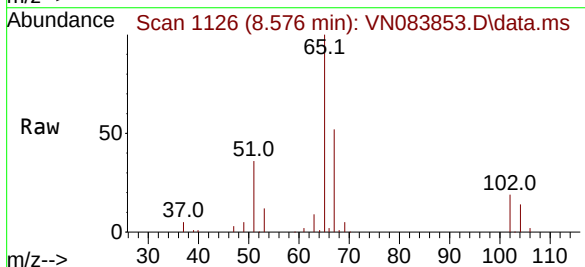
Acq: 13 Sep 2024 05:01

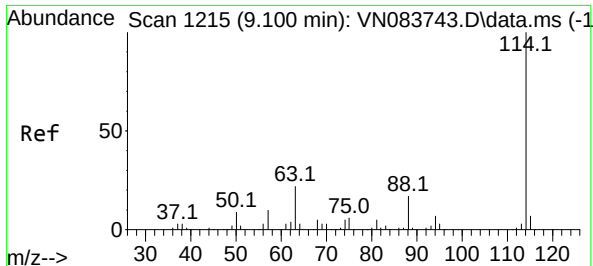
Tgt Ion: 65 Resp: 95492

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083853.D

Acq: 13 Sep 2024 05:01

Instrument :

MSVOA_N

ClientSampleId :

MW305I-20240910

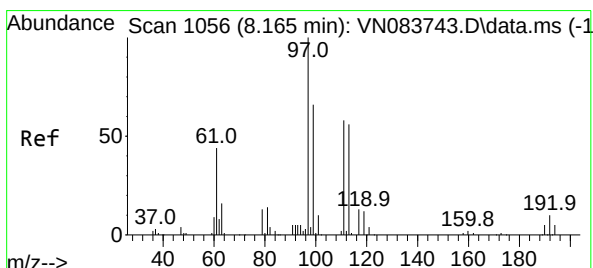
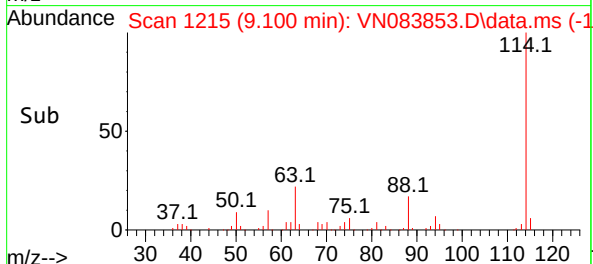
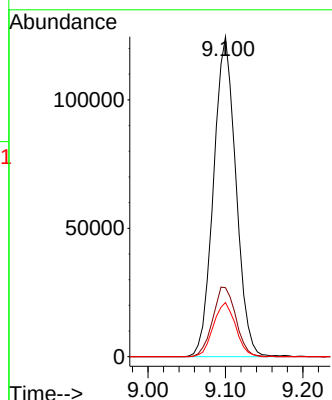
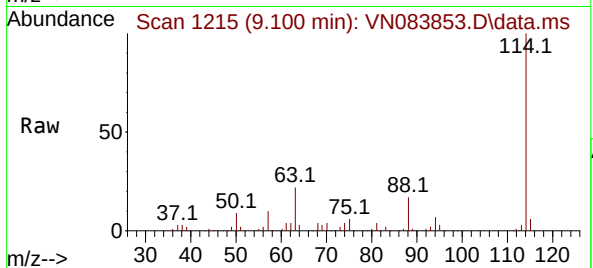
Tgt Ion:114 Resp: 250556

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.743 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083853.D

Acq: 13 Sep 2024 05:01

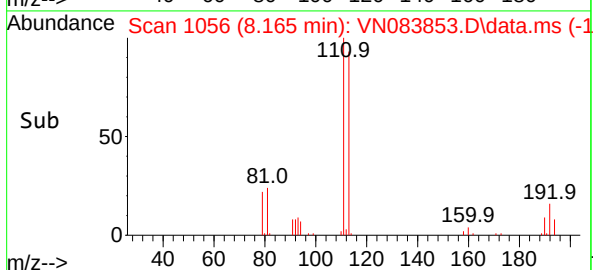
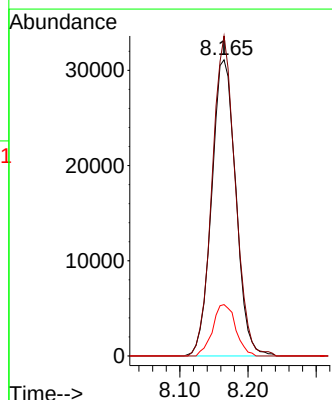
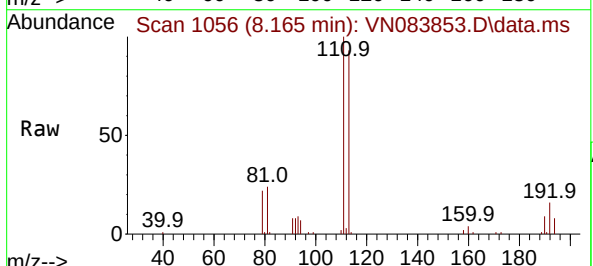
Tgt Ion:113 Resp: 76581

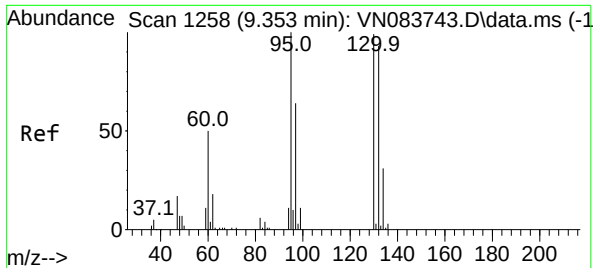
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 16.5 14.3 21.5

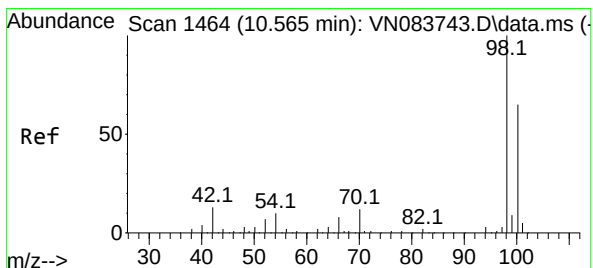
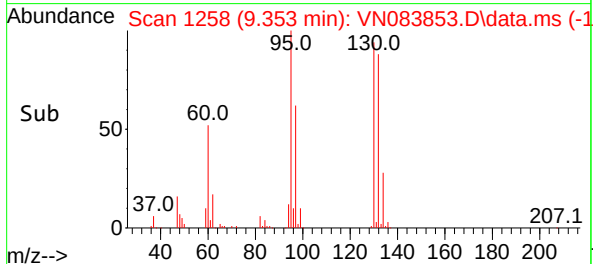
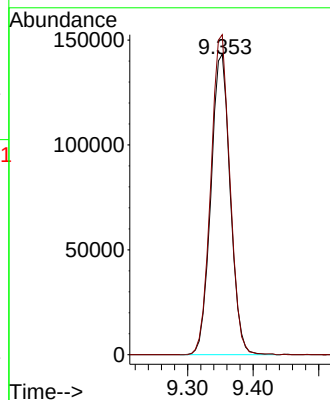
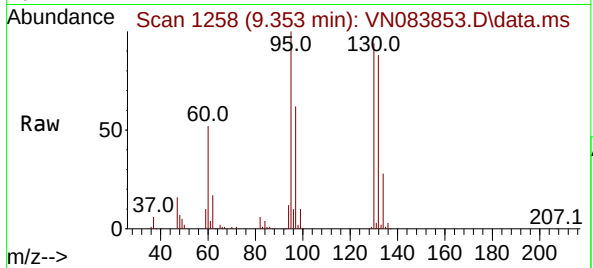




#44
Trichloroethene
Concen: 173.885 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

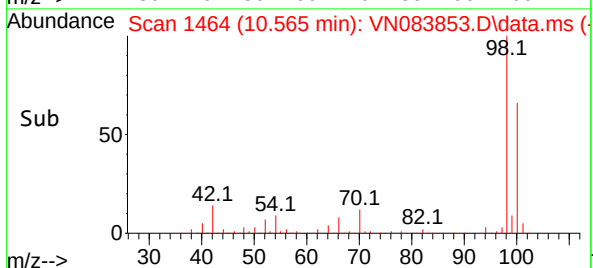
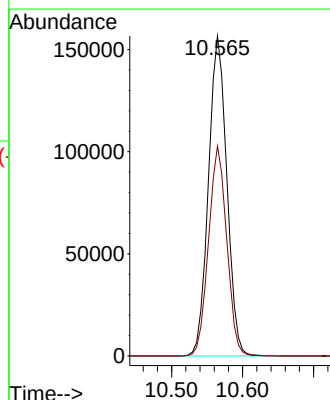
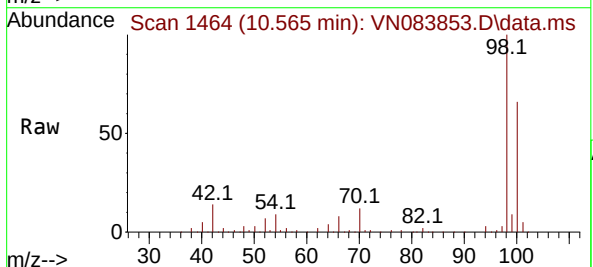
Instrument :
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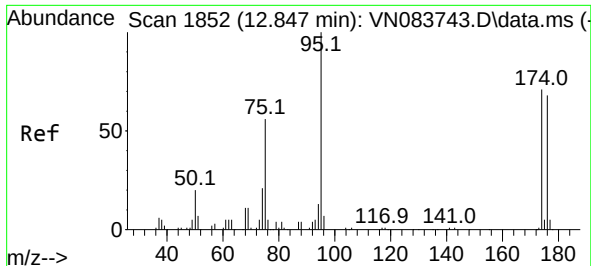
Tgt Ion:130 Resp: 292609
Ion Ratio Lower Upper
130 100
95 106.5 0.0 200.4



#50
Toluene-d8
Concen: 50.796 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

Tgt Ion: 98 Resp: 281674
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

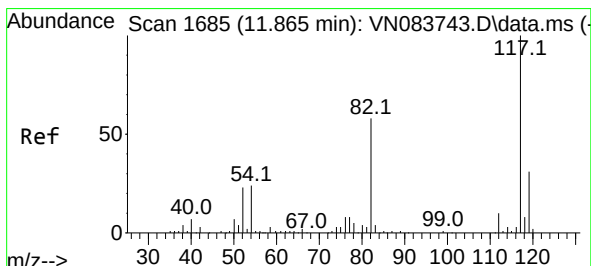
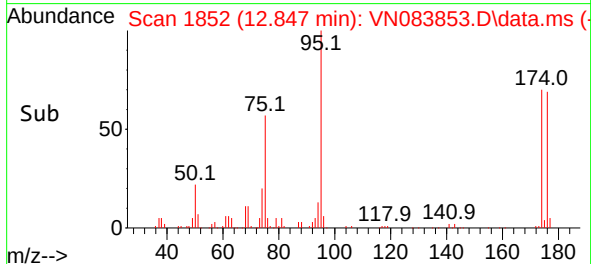
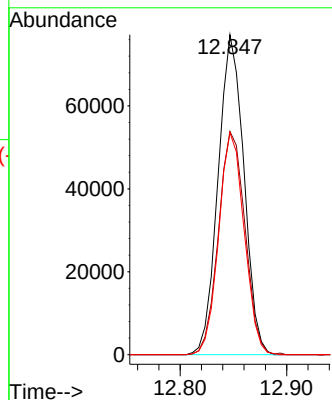
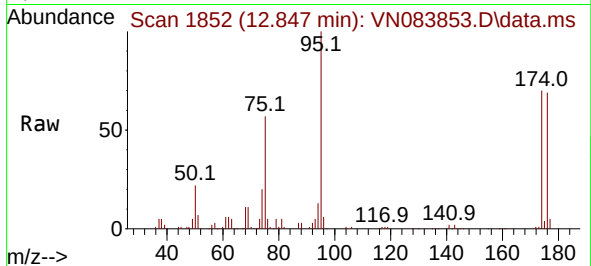




#62
4-Bromofluorobenzene
Concen: 56.639 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

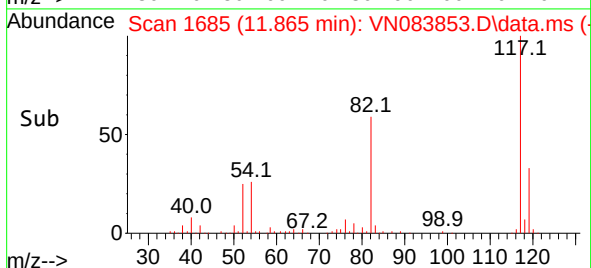
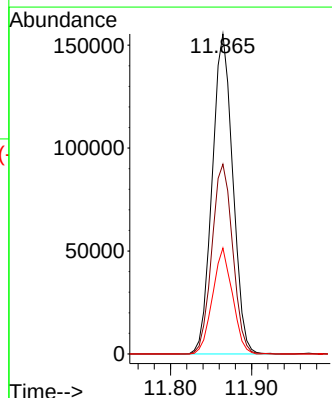
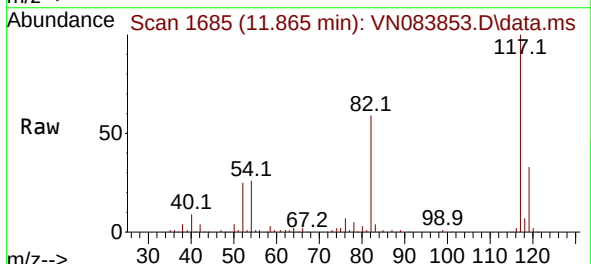
Instrument :
MSVOA_N
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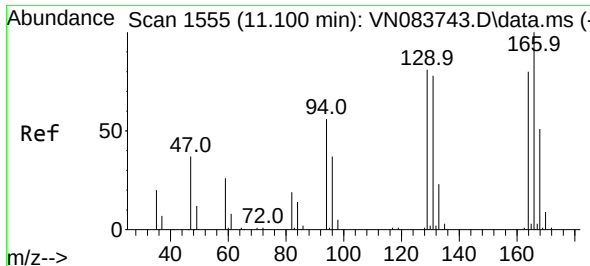
Tgt Ion: 95 Resp: 129580
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

Tgt Ion: 117 Resp: 273813
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 33.1 26.3 39.5

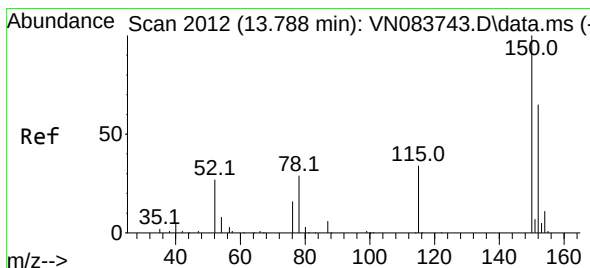
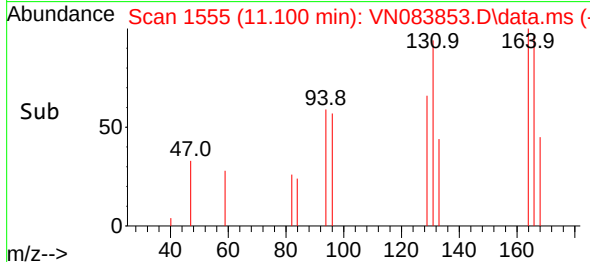
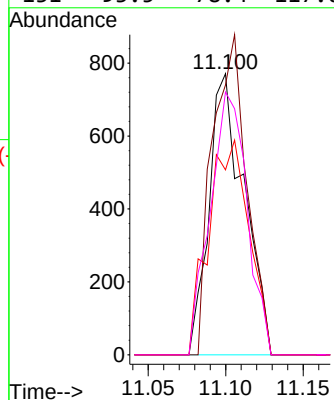
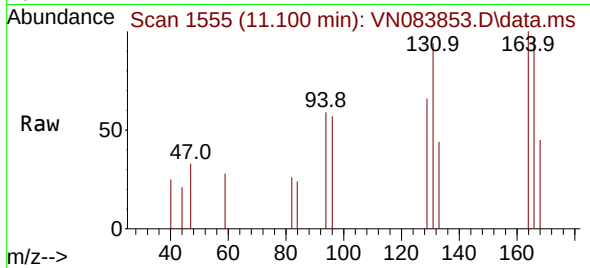




#64
Tetrachloroethene
Concen: 0.667 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083853.D
Acq: 13 Sep 2024 05:01

Instrument :
MSVOA_N
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Tgt Ion:164 Resp: 1215
Ion Ratio Lower Upper
164 100
166 96.0 103.7 155.5#
129 65.8 79.9 119.9#
131 93.5 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: VN083853.D
Acq: 13 Sep 2024 05:01

Tgt Ion:152 Resp: 132218
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 160.6 0.0 348.6

