

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083864.D
 Acq On : 13 Sep 2024 09:24
 Operator : JC\MD
 Sample : P3957-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20240910

Quant Time: Sep 13 15:11:29 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)

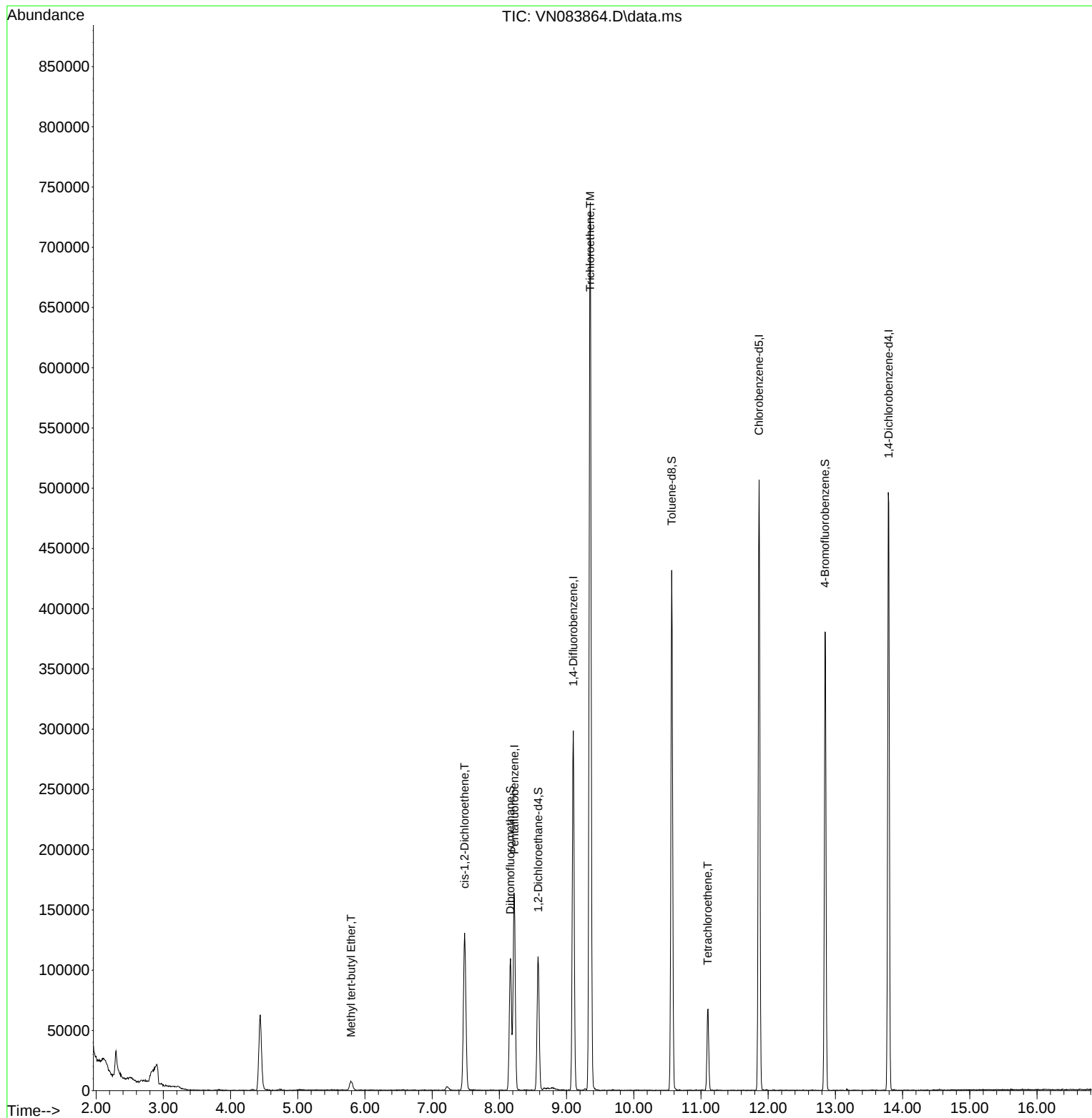
Internal Standards						
1) Pentafluorobenzene	8.224	168	111136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	94360	56.308	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.620%
35) Dibromofluoromethane	8.165	113	77013	50.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	10.565	98	278388	52.950	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.900%
62) 4-Bromofluorobenzene	12.847	95	128544	59.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.520%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.794	73	11726	2.696	ug/l	91
27) cis-1,2-Dichloroethene	7.482	96	75003	49.046	ug/l	90
44) Trichloroethene	9.353	130	253011	158.578	ug/l	94
64) Tetrachloroethene	11.100	164	14927	8.331	ug/l	96

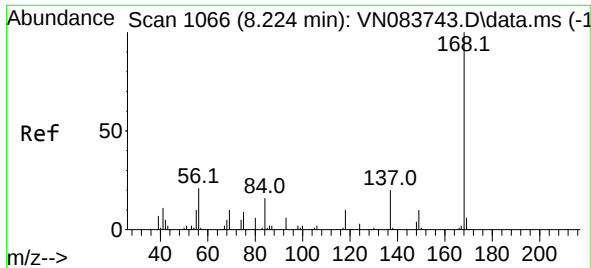
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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QLast Update : Wed Sep 11 15:18:56 2024
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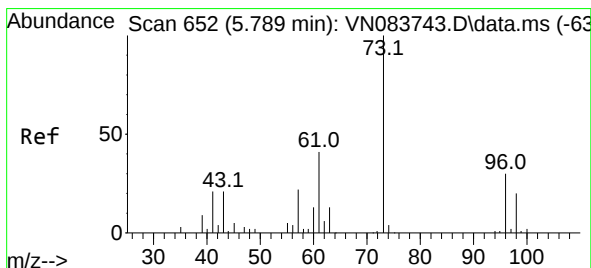
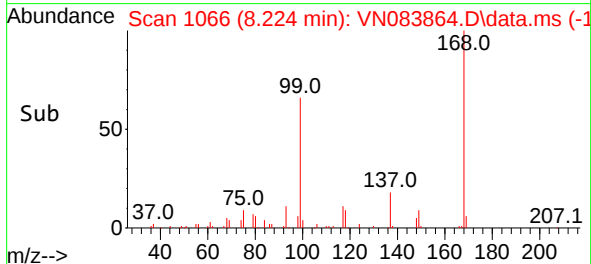
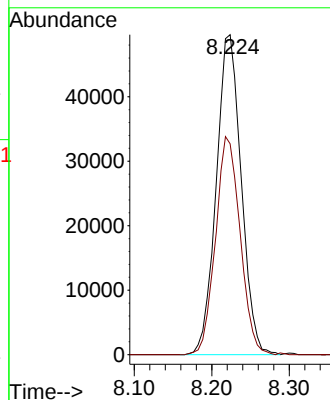
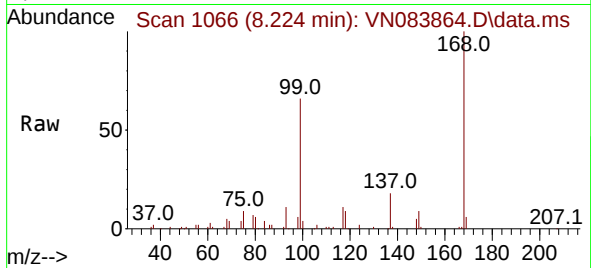




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

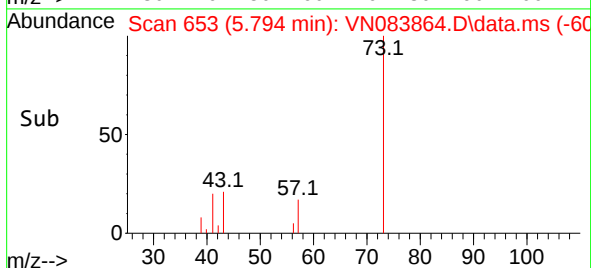
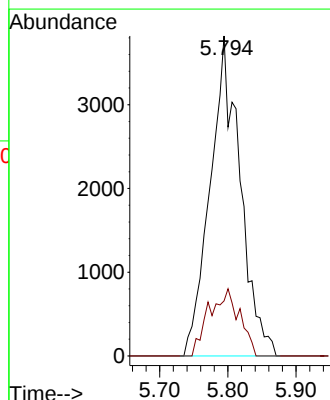
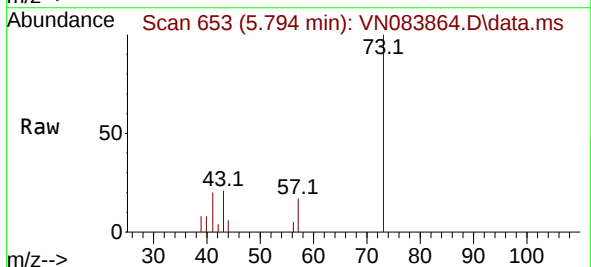
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20240910

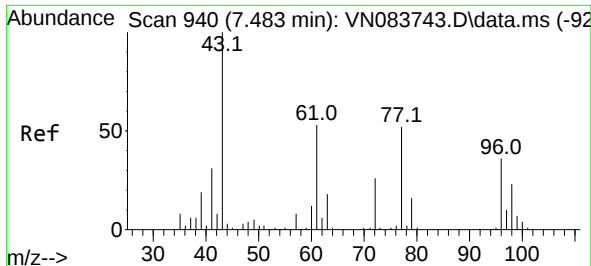
Tgt Ion:168 Resp: 111136
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 2.696 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

Tgt Ion: 73 Resp: 11726
Ion Ratio Lower Upper
73 100
57 17.2 17.0 25.6





#27

cis-1,2-Dichloroethene

Concen: 49.046 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083864.D

Acq: 13 Sep 2024 09:24

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20240910

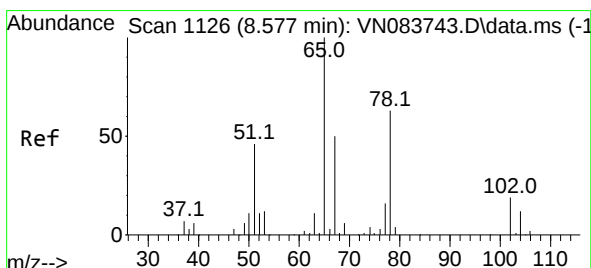
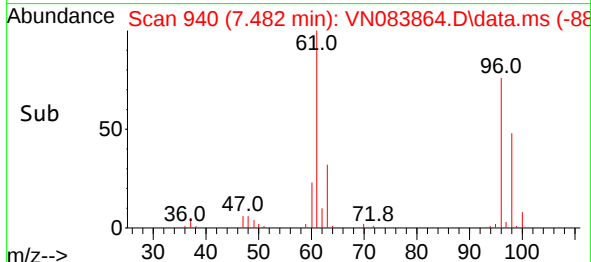
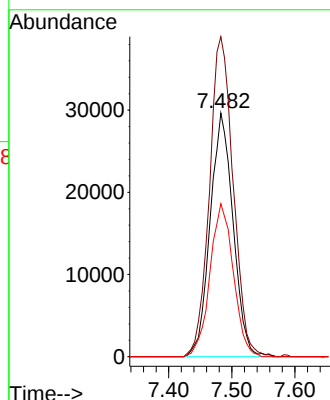
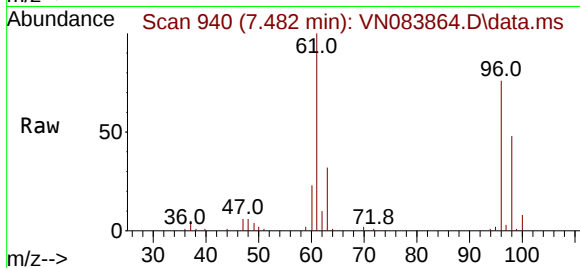
Tgt Ion: 96 Resp: 75003

Ion Ratio Lower Upper

96 100

61 135.2 0.0 306.2

98 63.7 0.0 128.6



#33

1,2-Dichloroethane-d4

Concen: 56.308 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083864.D

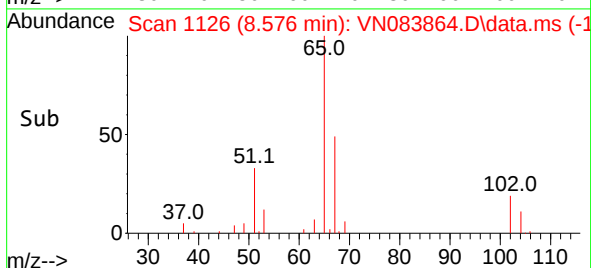
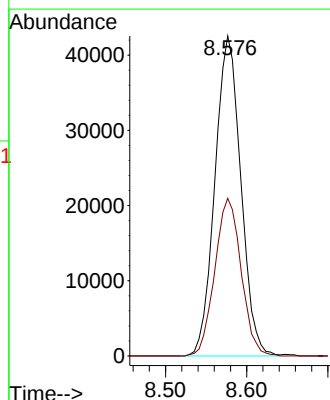
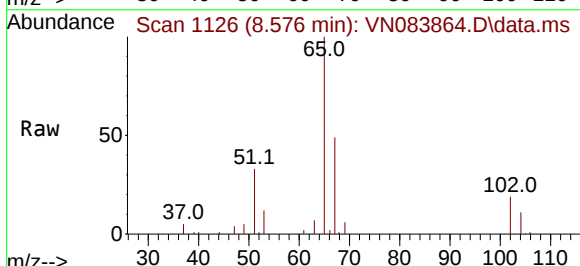
Acq: 13 Sep 2024 09:24

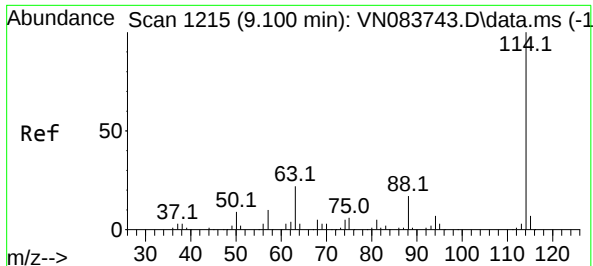
Tgt Ion: 65 Resp: 94360

Ion Ratio Lower Upper

65 100

67 50.0 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: VN083864.D

Acq: 13 Sep 2024 09:24

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20240910

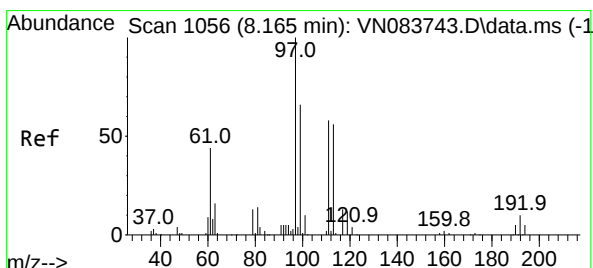
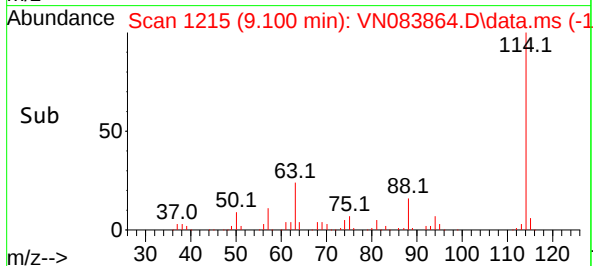
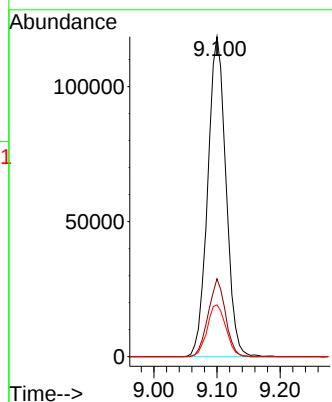
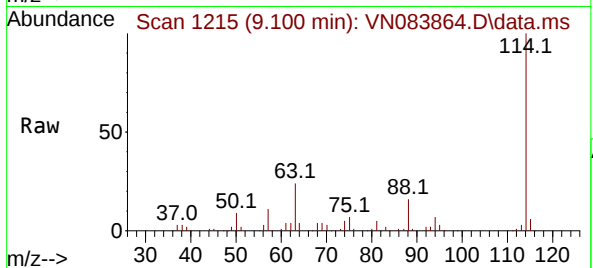
Tgt Ion:114 Resp: 237560

Ion Ratio Lower Upper

114 100

63 24.3 0.0 43.4

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.639 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083864.D

Acq: 13 Sep 2024 09:24

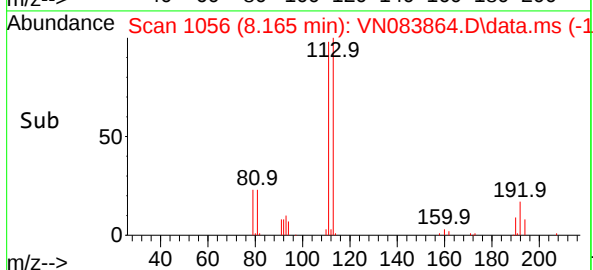
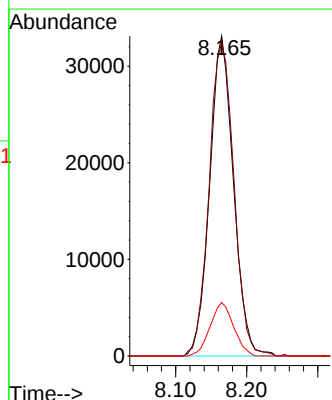
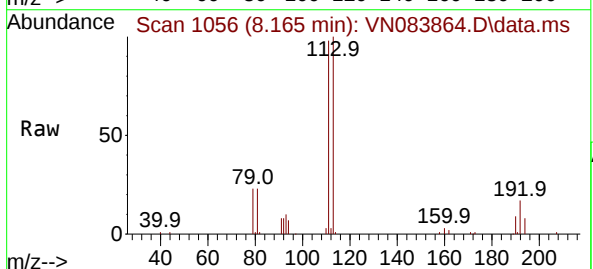
Tgt Ion:113 Resp: 77013

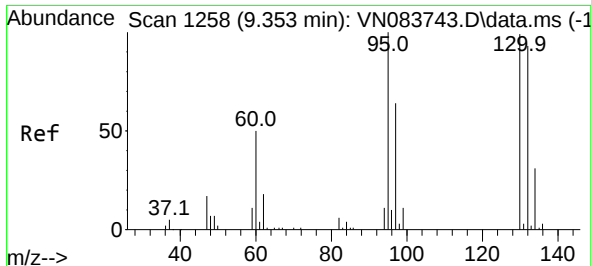
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 16.5 14.3 21.5

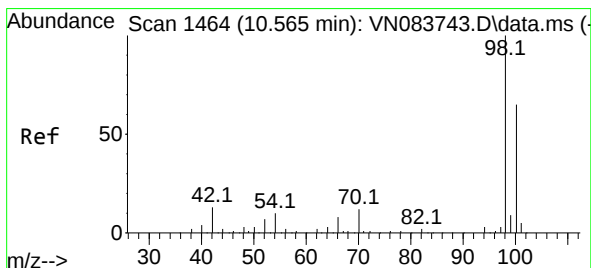
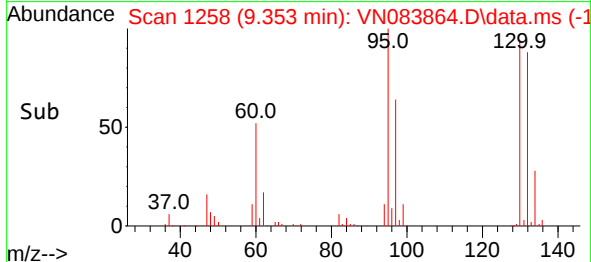
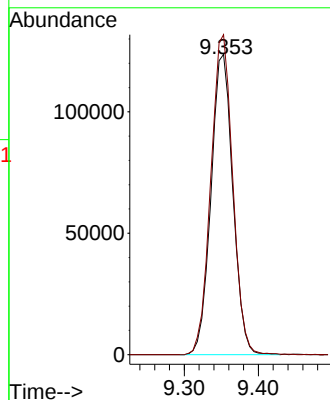
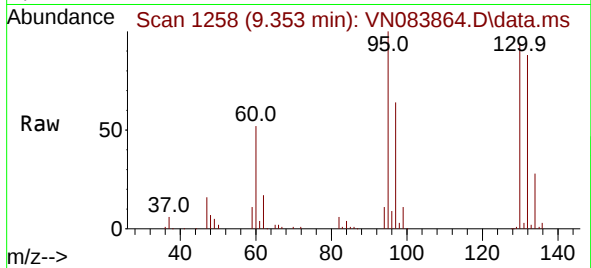




#44
Trichloroethene
Concen: 158.578 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

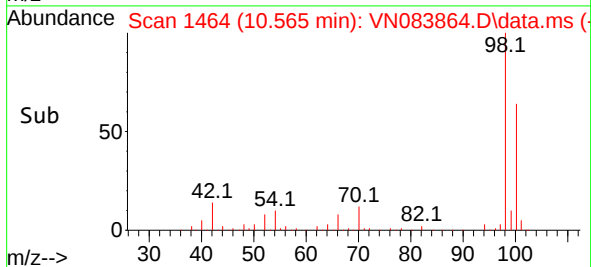
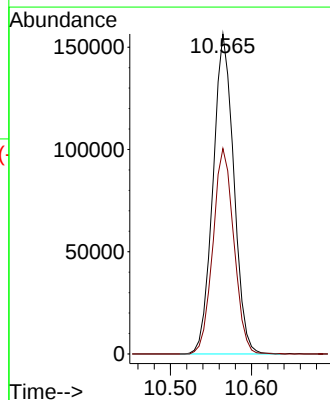
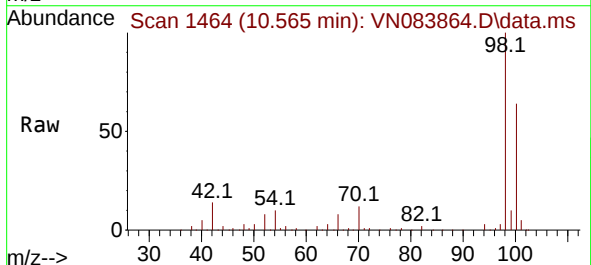
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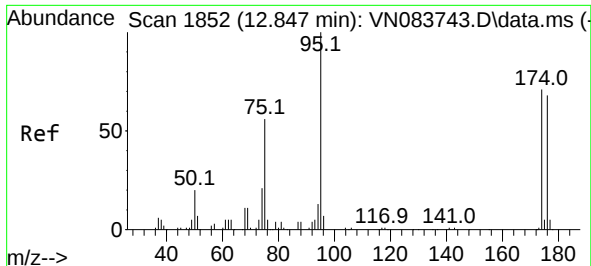
Tgt Ion:130 Resp: 253011
Ion Ratio Lower Upper
130 100
95 106.5 0.0 200.4



#50
Toluene-d8
Concen: 52.950 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

Tgt Ion: 98 Resp: 278388
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

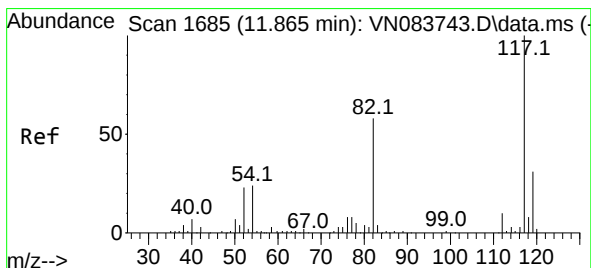
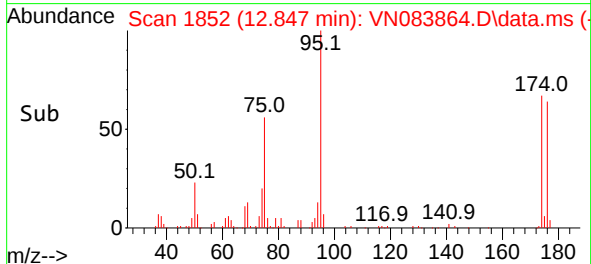
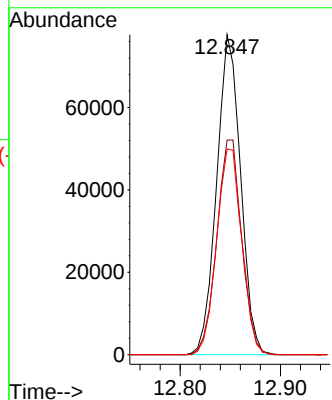
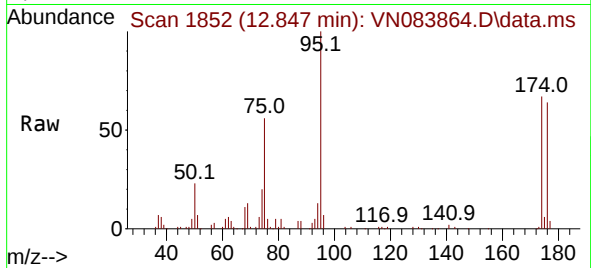




#62
4-Bromofluorobenzene
Concen: 59.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

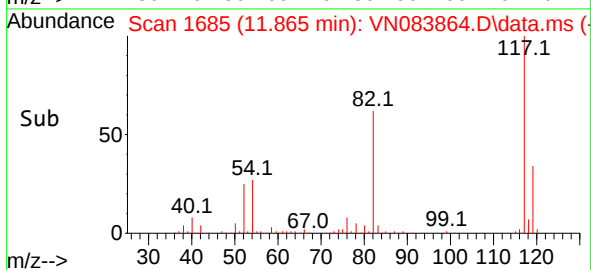
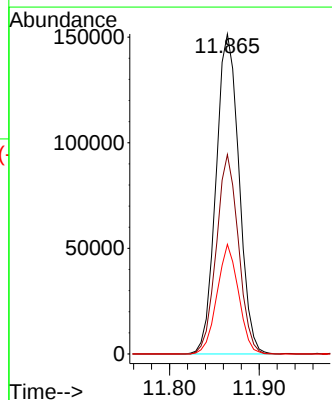
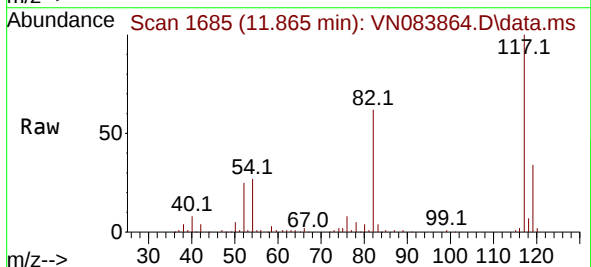
Instrument :
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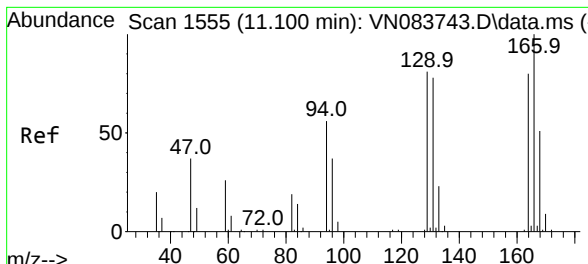
Tgt Ion: 95 Resp: 128544
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083864.D
Acq: 13 Sep 2024 09:24

Tgt Ion: 117 Resp: 269410
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.0
119 34.3 26.3 39.5





#64

Tetrachloroethene

Concen: 8.331 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083864.D

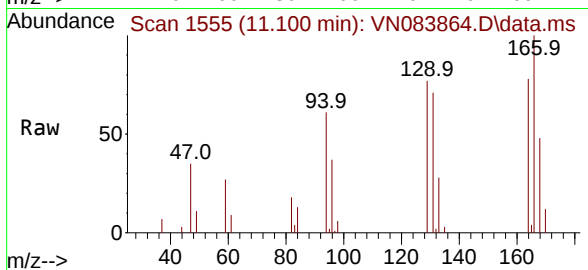
Acq: 13 Sep 2024 09:24

Instrument :

MSVOA_N

ClientSampleId :

MW179D-20240910



Tgt Ion:164 Resp: 14927

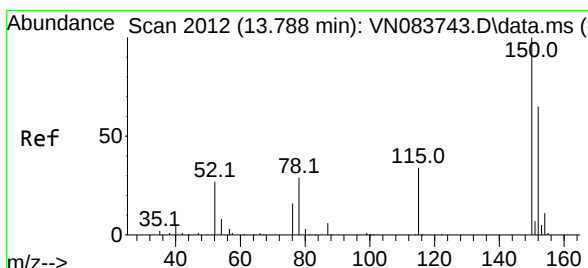
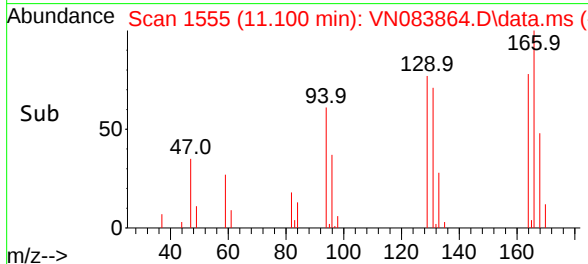
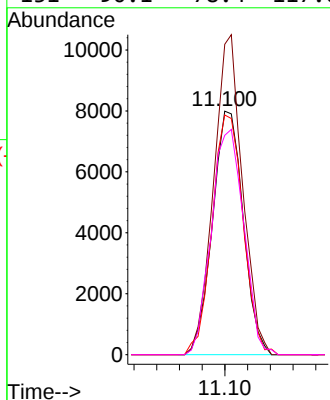
Ion Ratio Lower Upper

164 100

166 127.5 103.7 155.5

129 98.4 79.9 119.9

131 90.1 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: VN083864.D

Acq: 13 Sep 2024 09:24

Tgt Ion:152 Resp: 128537

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 157.2 0.0 348.6

