

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084139.D
 Acq On : 24 Sep 2024 17:07
 Operator : JC\MD
 Sample : P4116-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20240917

Quant Time: Sep 25 01:37:06 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)

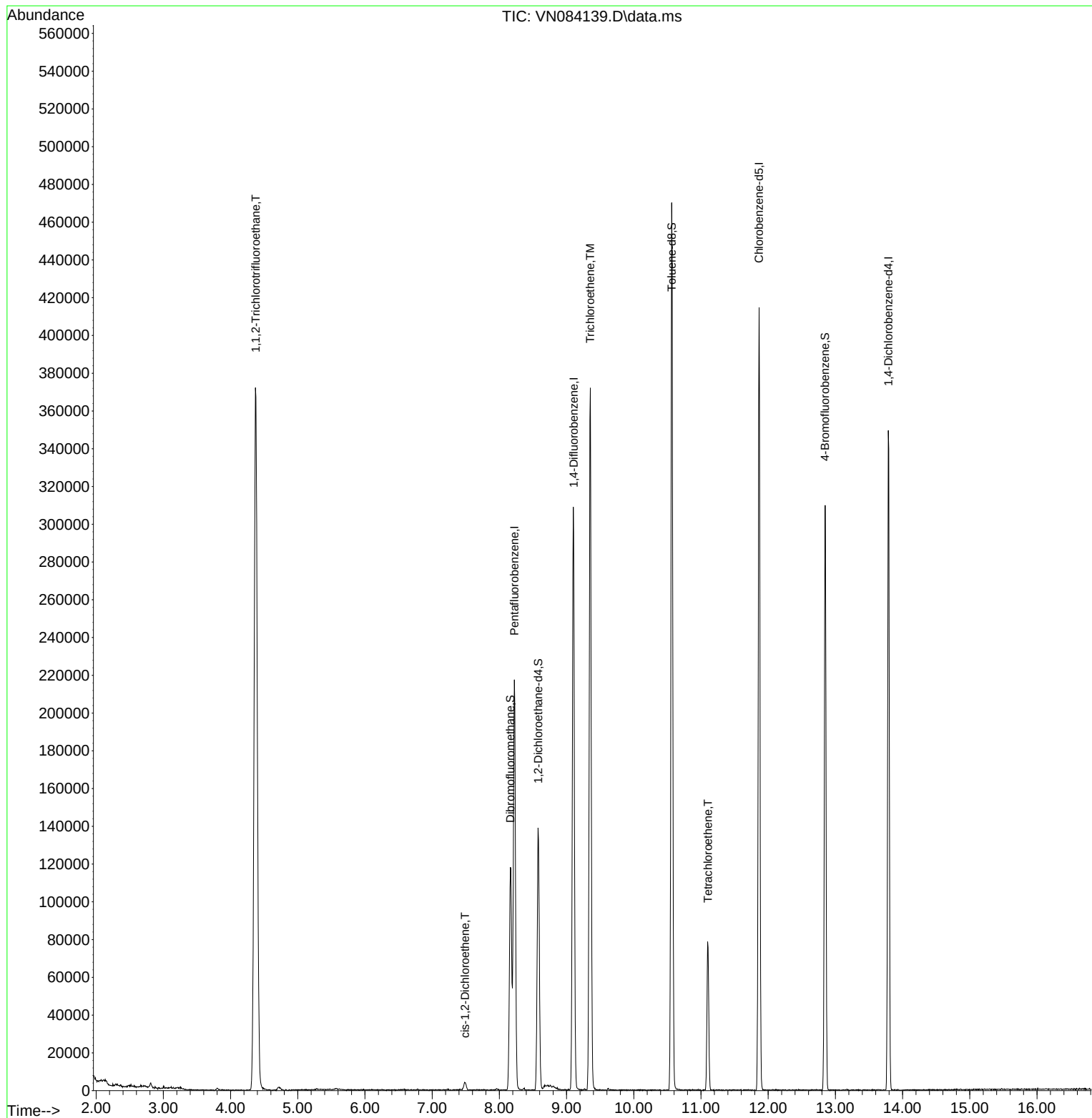
Internal Standards						
1) Pentafluorobenzene	8.224	168	147645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116605	52.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.760%	
35) Dibromofluoromethane	8.165	113	85583	52.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.140%	
50) Toluene-d8	10.565	98	316974	55.788	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.580%	
62) 4-Bromofluorobenzene	12.847	95	107851	46.009	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	260068	153.800	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	2804	1.380	ug/l	85
44) Trichloroethene	9.353	130	125842	72.986	ug/l	95
64) Tetrachloroethene	11.106	164	17221	11.652	ug/l	95

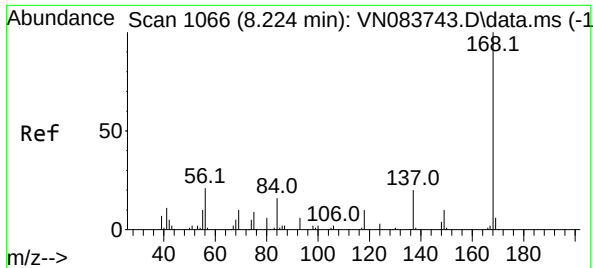
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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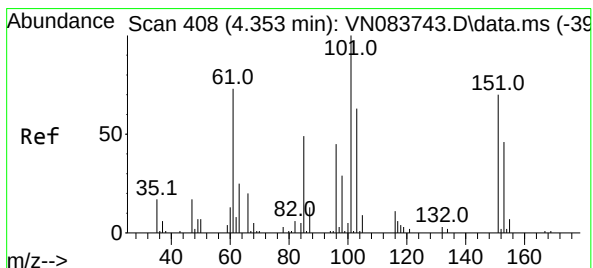
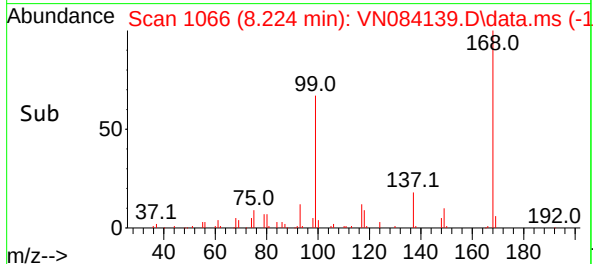
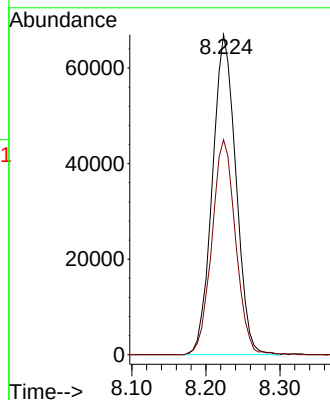
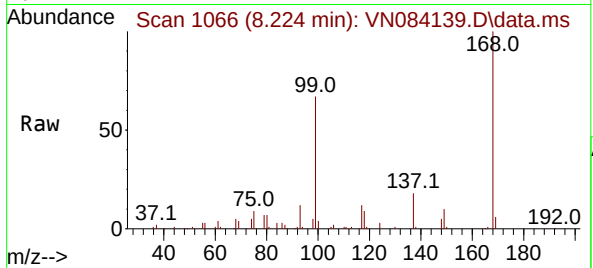




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

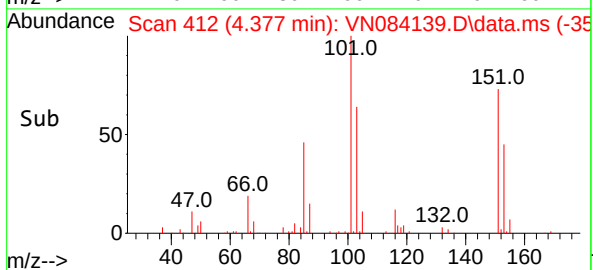
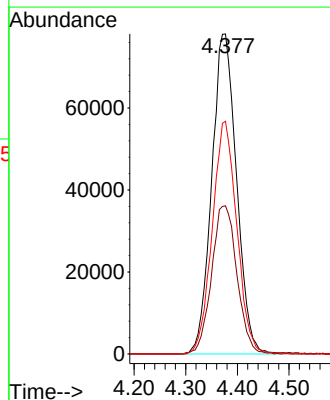
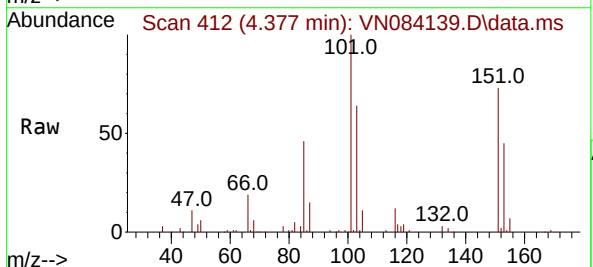
Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

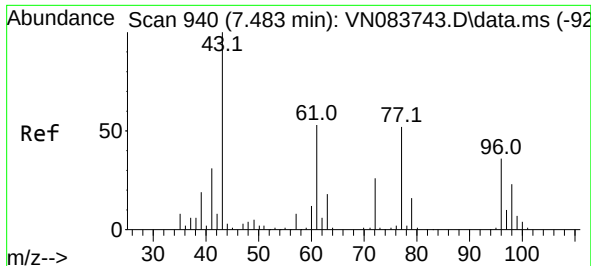
Tgt Ion:168 Resp: 147645
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 153.800 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

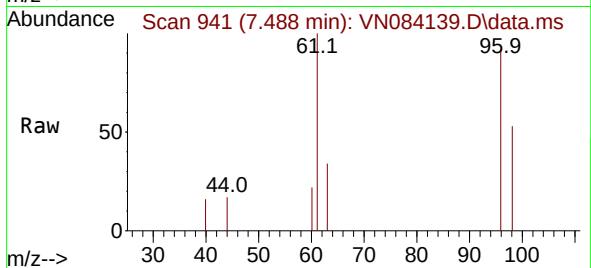
Tgt Ion:101 Resp: 260068
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 72.0 57.7 86.5





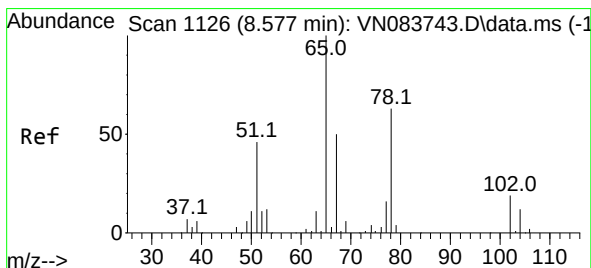
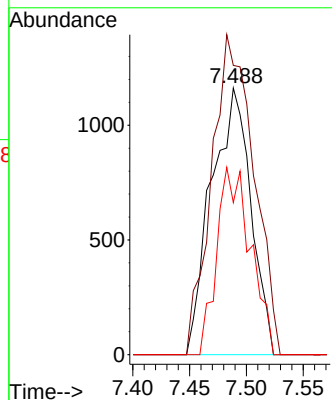
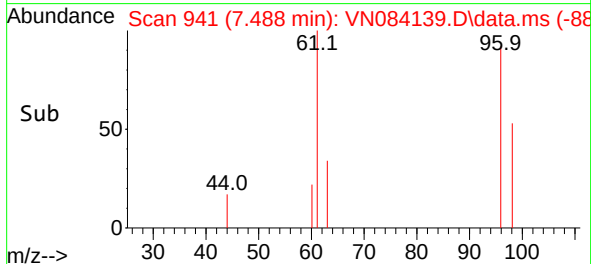
#27
 cis-1,2-Dichloroethene
 Concen: 1.380 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084139.D
 Acq: 24 Sep 2024 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20240917

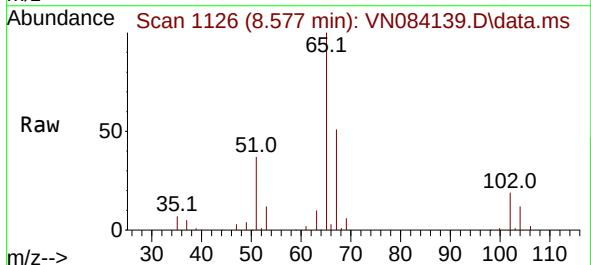


Tgt Ion: 96 Resp: 2804

Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	306.2
98	59.9	0.0	128.6

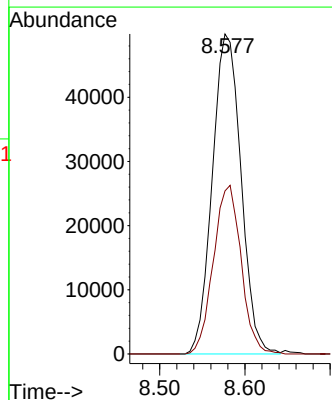
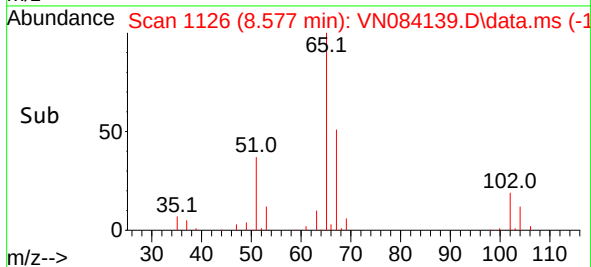


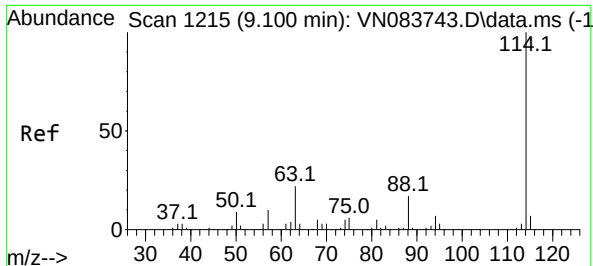
#33
 1,2-Dichloroethane-d4
 Concen: 52.377 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084139.D
 Acq: 24 Sep 2024 17:07



Tgt Ion: 65 Resp: 116605

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084139.D

Acq: 24 Sep 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20240917

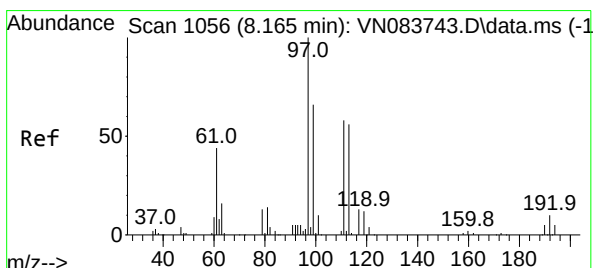
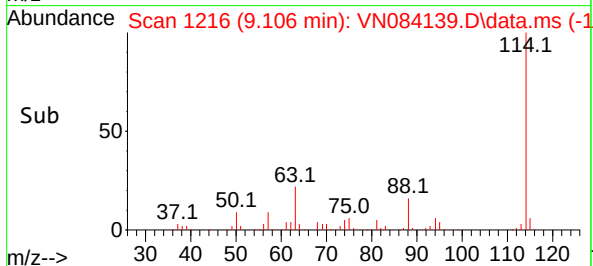
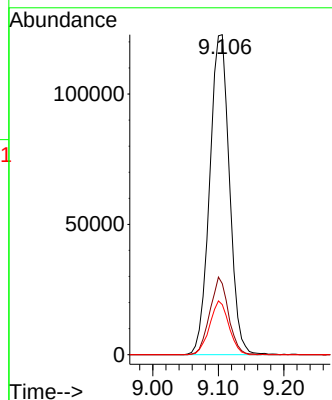
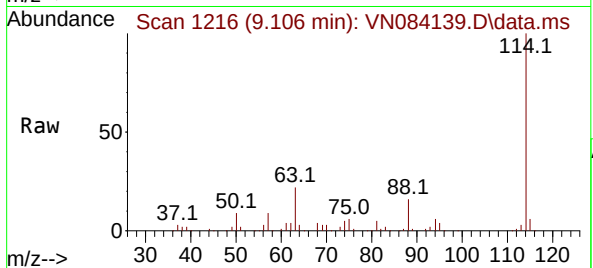
Tgt Ion:114 Resp: 256724

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.073 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084139.D

Acq: 24 Sep 2024 17:07

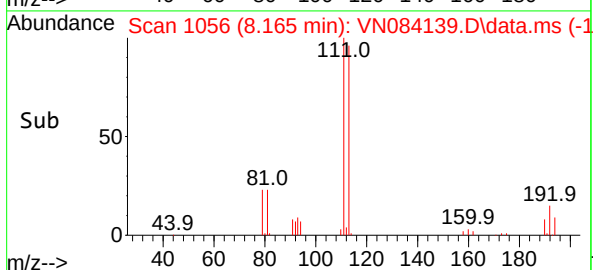
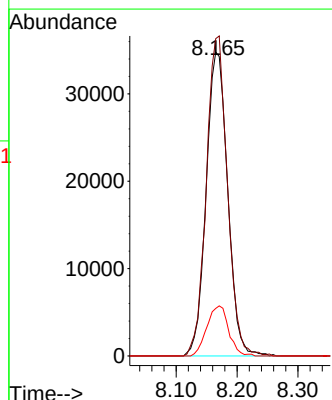
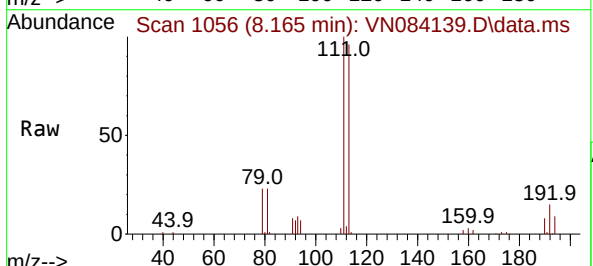
Tgt Ion:113 Resp: 85583

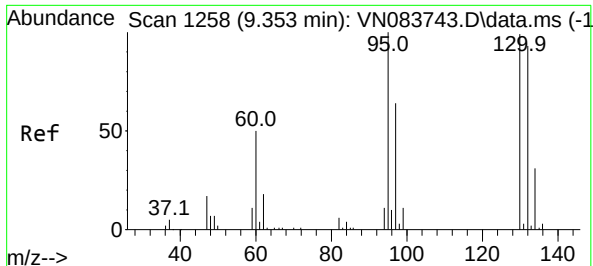
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 16.6 14.3 21.5

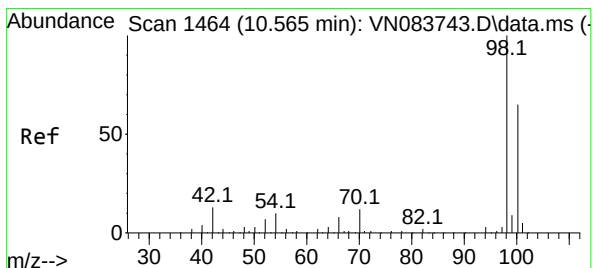
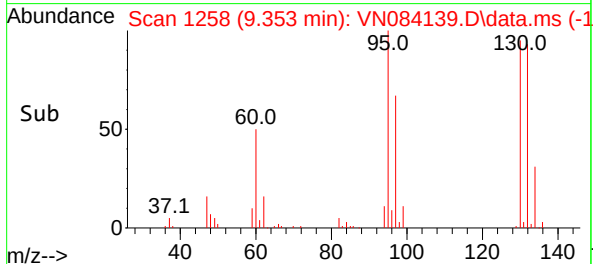
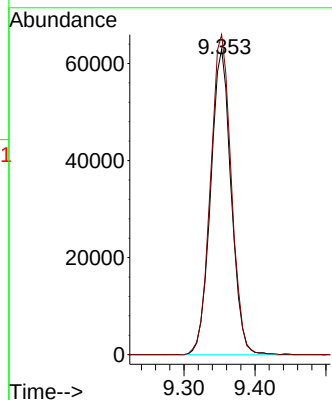
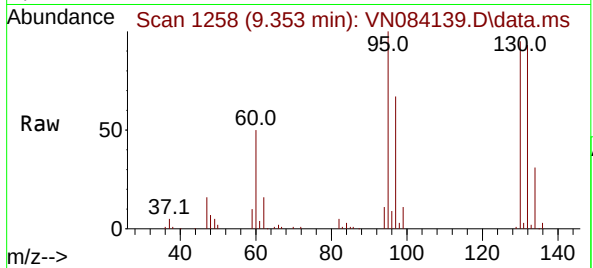




#44
Trichloroethene
Concen: 72.986 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

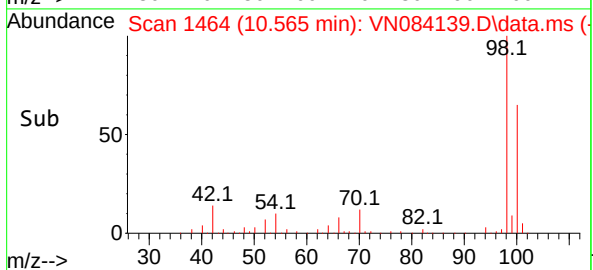
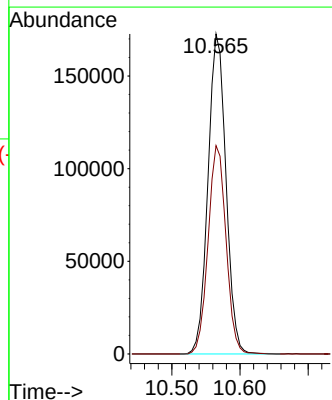
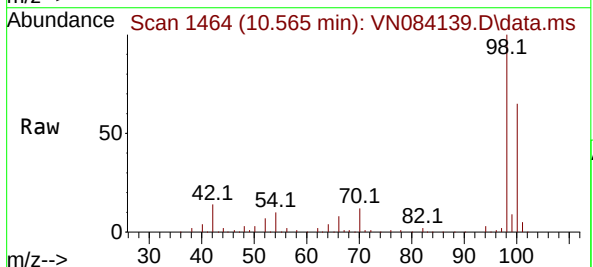
Instrument :
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ClientSampleId :
RE125D3-20240917

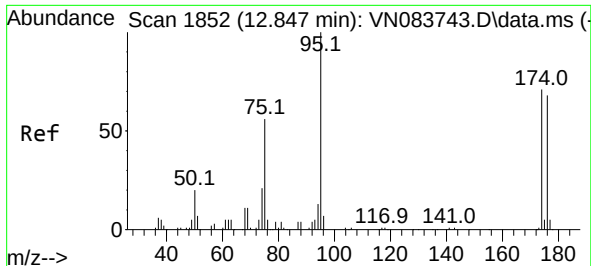
Tgt Ion:130 Resp: 125842
Ion Ratio Lower Upper
130 100
95 104.8 0.0 200.4



#50
Toluene-d8
Concen: 55.788 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 98 Resp: 316974
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.009 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084139.D

Acq: 24 Sep 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20240917

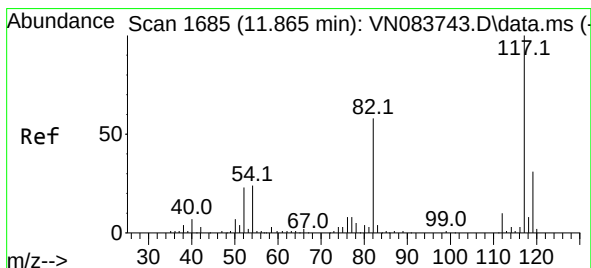
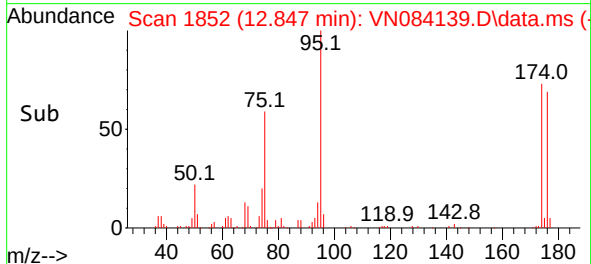
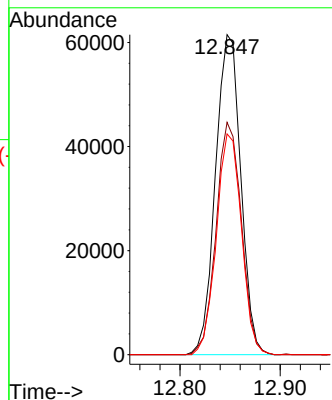
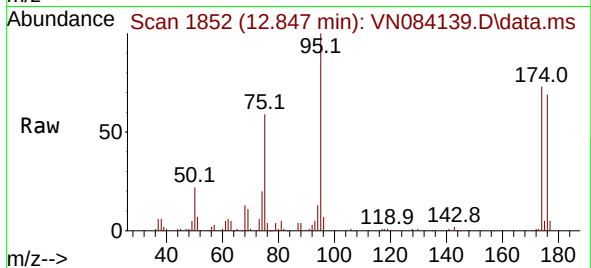
Tgt Ion: 95 Resp: 107851

Ion Ratio Lower Upper

95 100

174 72.5 0.0 139.8

176 68.5 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: VN084139.D

Acq: 24 Sep 2024 17:07

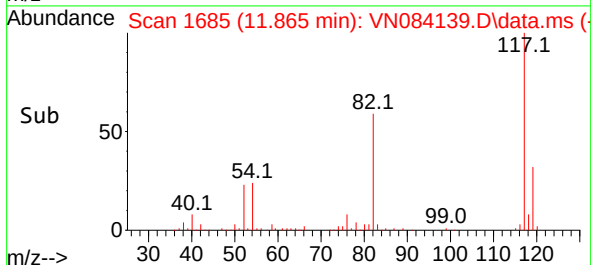
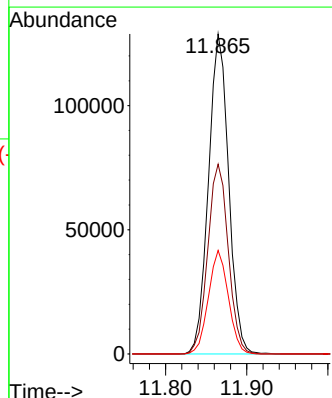
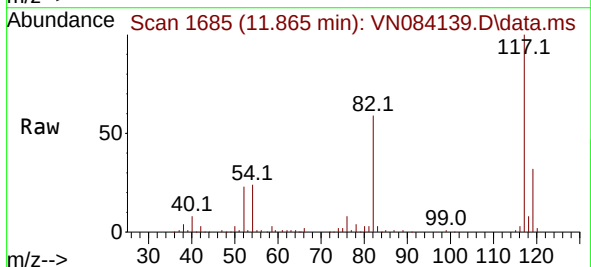
Tgt Ion: 117 Resp: 222246

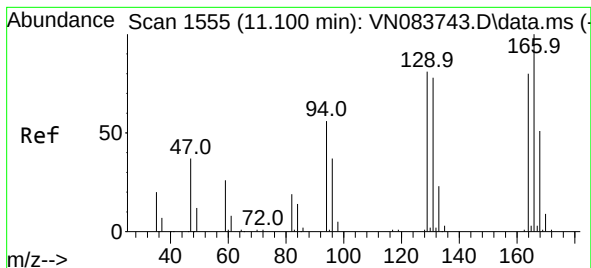
Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.0

119 32.4 26.3 39.5





#64

Tetrachloroethene

Concen: 11.652 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084139.D

Acq: 24 Sep 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20240917

Tgt Ion:164 Resp: 17221

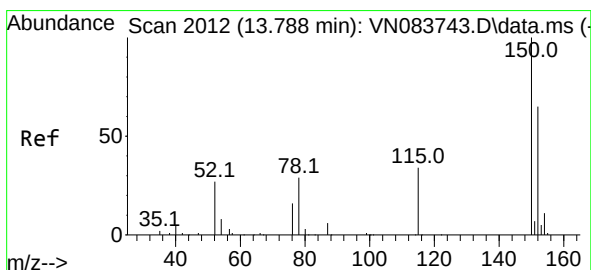
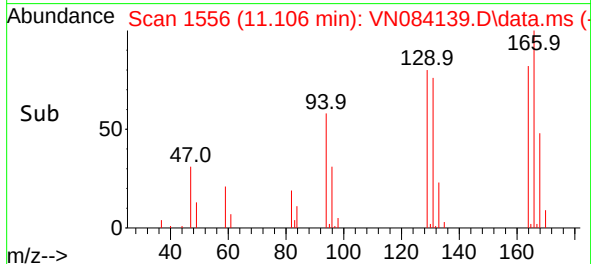
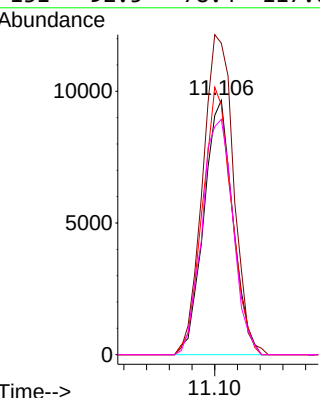
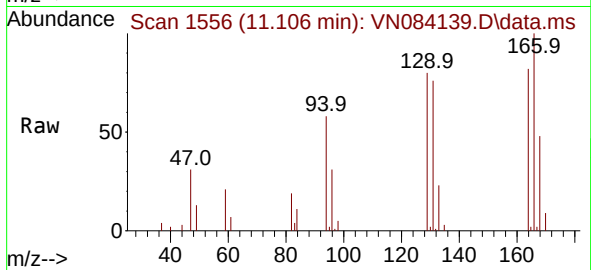
Ion Ratio Lower Upper

164 100

166 122.5 103.7 155.5

129 98.2 79.9 119.9

131 92.5 78.4 117.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084139.D

Acq: 24 Sep 2024 17:07

Tgt Ion:152 Resp: 90278

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

150 155.9 0.0 348.6

