

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084162.D
 Acq On : 25 Sep 2024 16:11
 Operator : JC\MD
 Sample : P4116-17DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20240917DL

Quant Time: Sep 26 01:35:23 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)

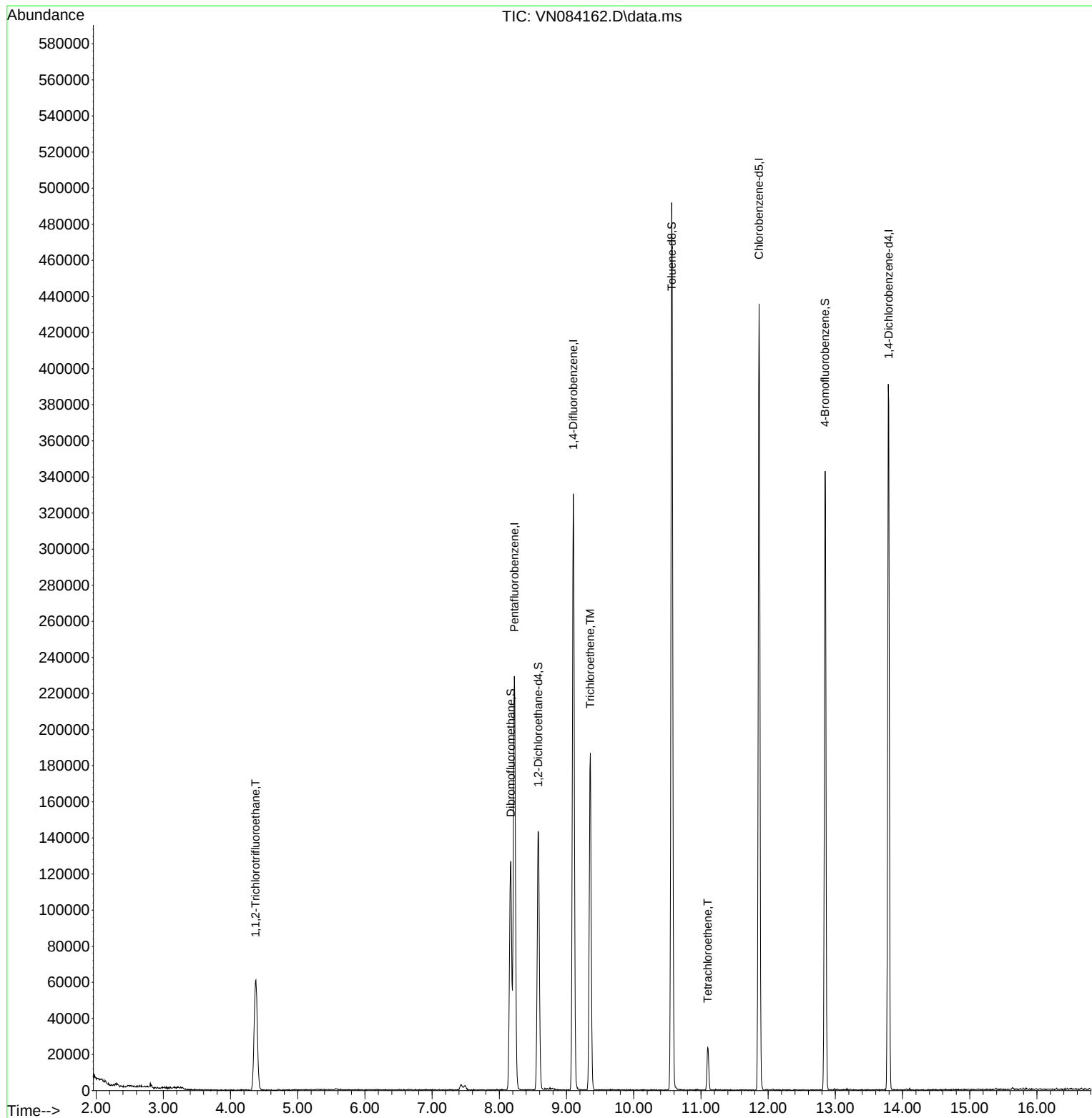
Internal Standards						
1) Pentafluorobenzene	8.224	168	157853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120113	50.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	8.171	113	90656	51.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	10.565	98	335869	55.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.847	95	116776	46.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.700%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.371	101	43661	24.151	ug/l	98
44) Trichloroethene	9.353	130	62947	33.968	ug/l	91
64) Tetrachloroethene	11.100	164	6028	3.773	ug/l	84

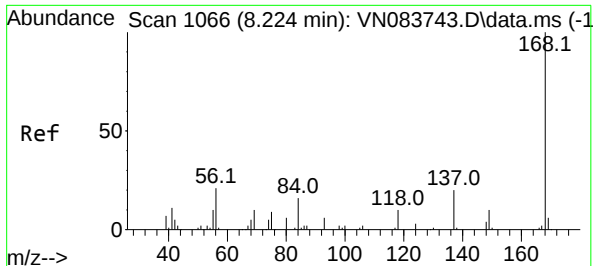
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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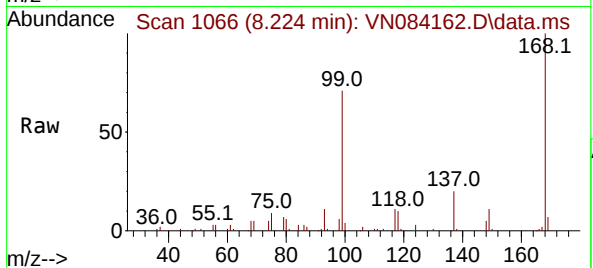
Quant Time: Sep 26 01:35:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



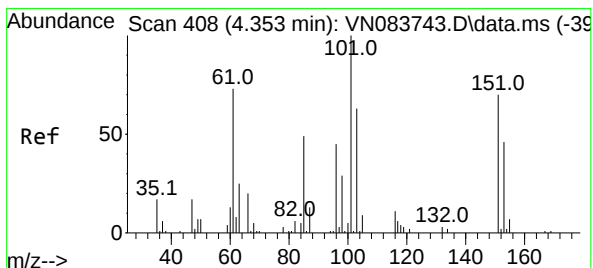
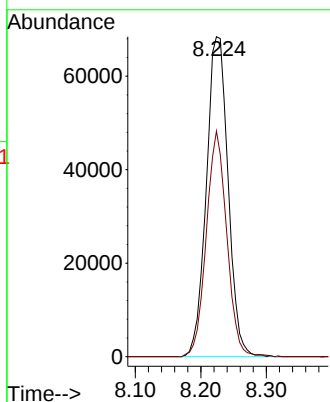
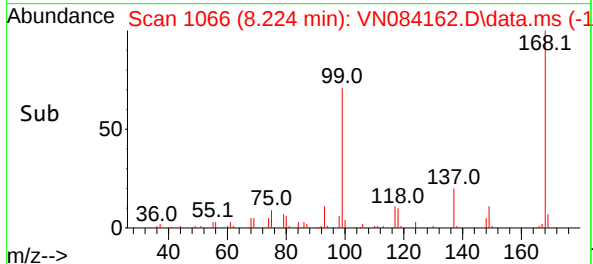


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917DL

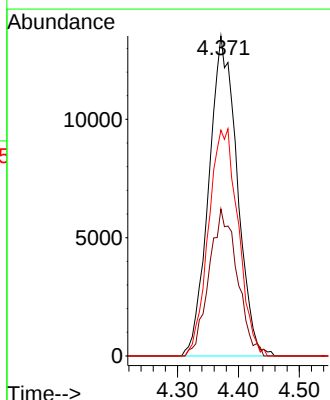
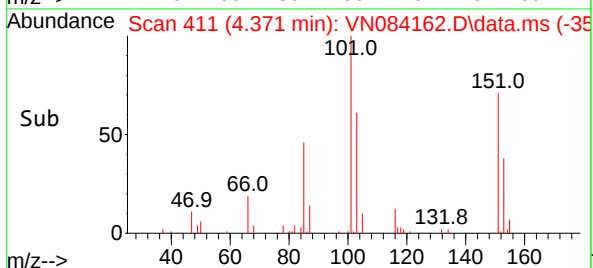
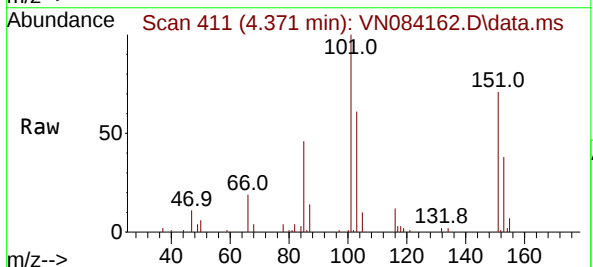


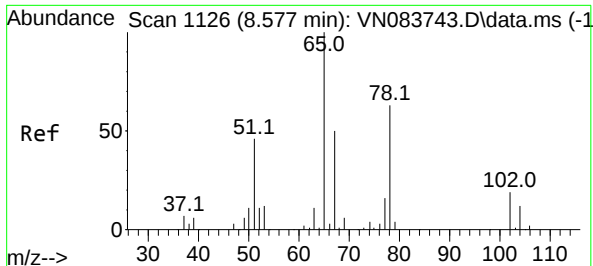
Tgt Ion:168 Resp: 157853
Ion Ratio Lower Upper
168 100
99 70.5 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.151 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion:101 Resp: 43661
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 74.3 57.7 86.5





#33

1,2-Dichloroethane-d4

Concen: 50.463 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

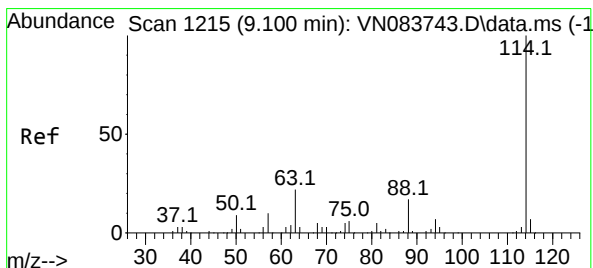
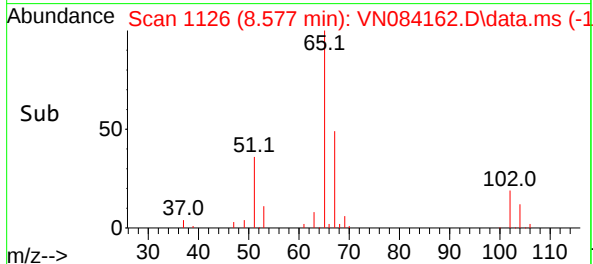
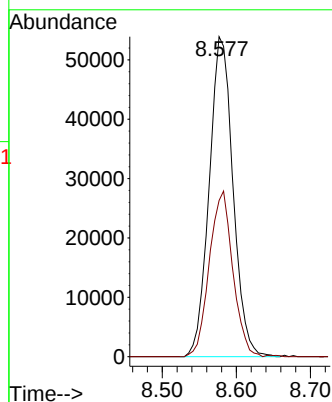
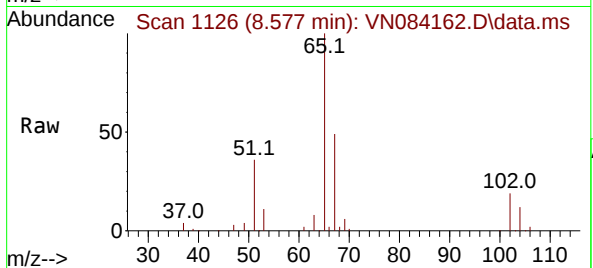
RE131D2-20240917DL

Tgt Ion: 65 Resp: 120113

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

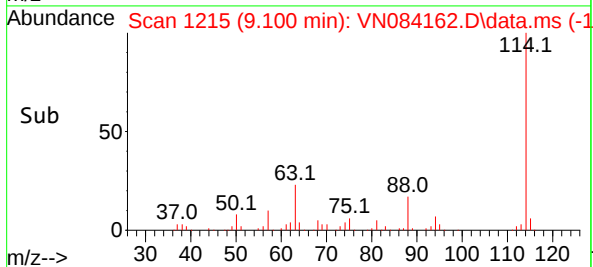
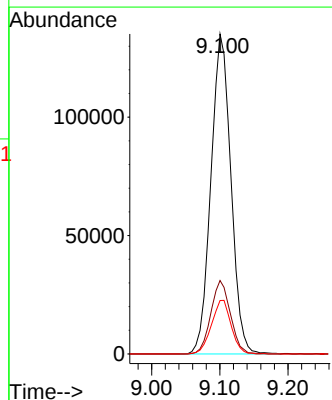
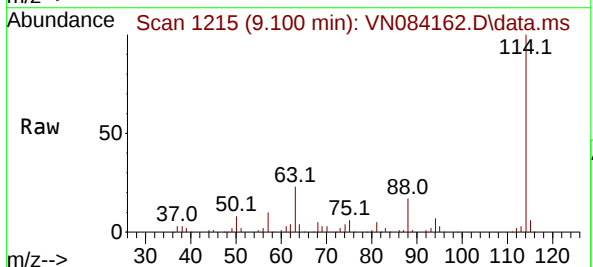
Tgt Ion: 114 Resp: 275919

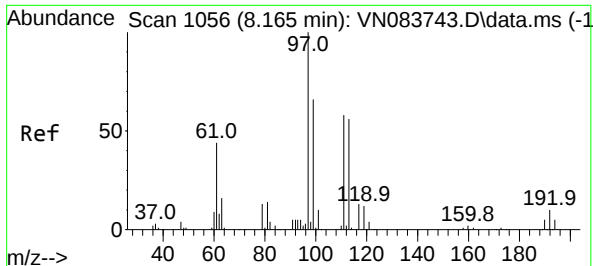
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.323 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917DL

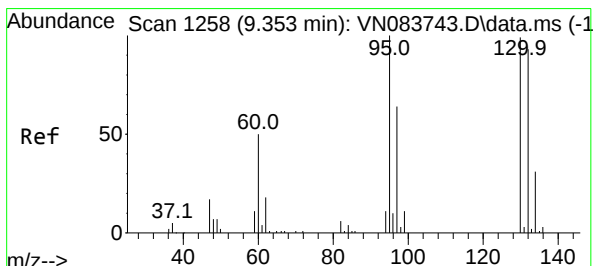
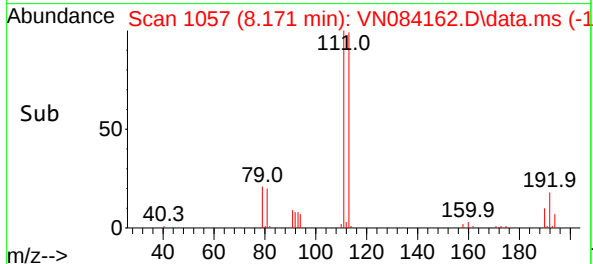
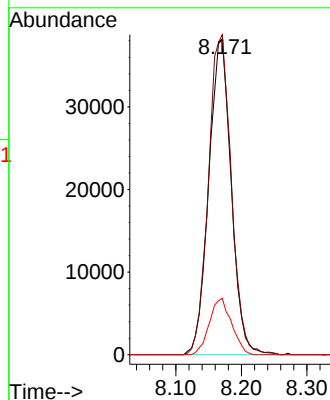
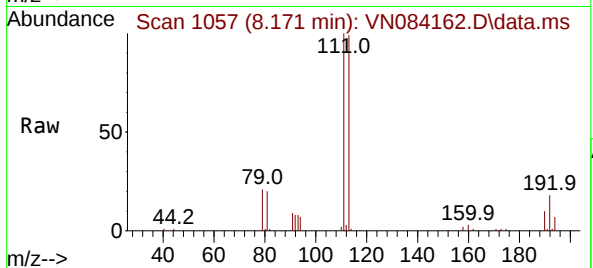
Tgt Ion:113 Resp: 90656

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 17.7 14.3 21.5



#44

Trichloroethene

Concen: 33.968 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084162.D

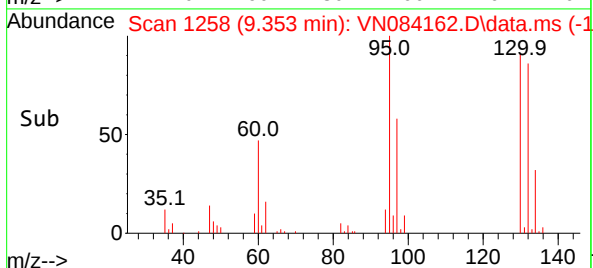
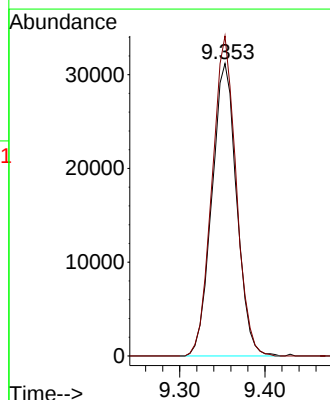
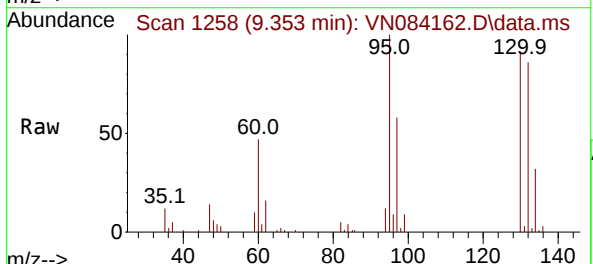
Acq: 25 Sep 2024 16:11

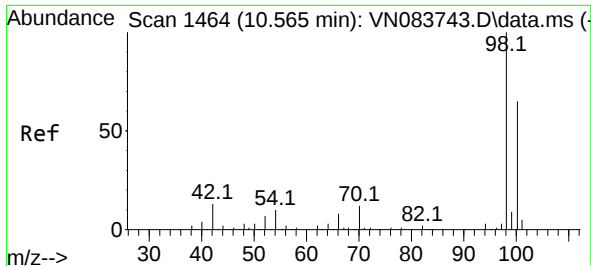
Tgt Ion:130 Resp: 62947

Ion Ratio Lower Upper

130 100

95 109.4 0.0 200.4

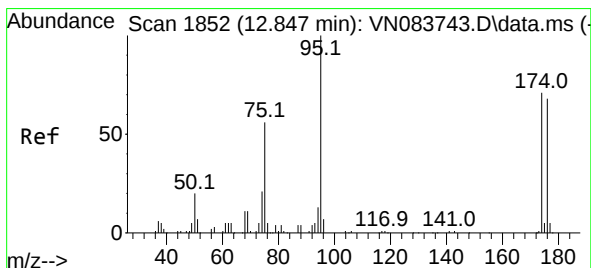
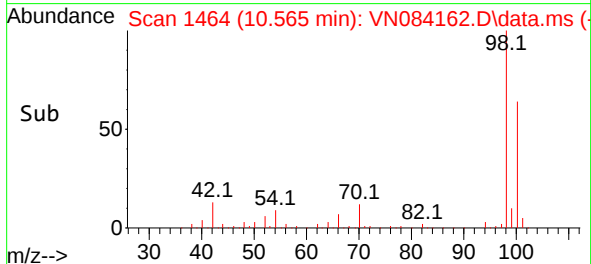
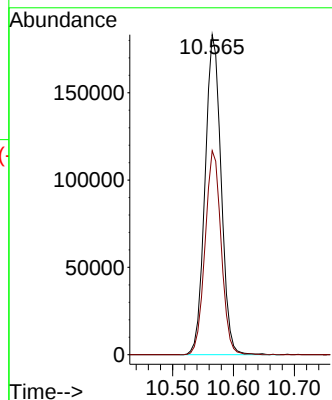
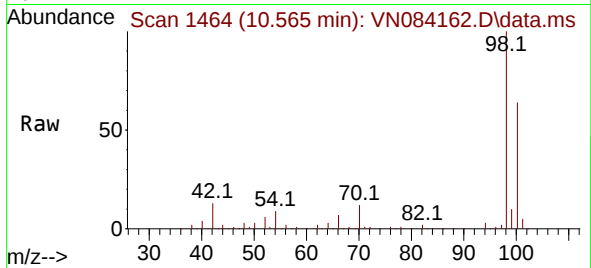




#50
Toluene-d8
Concen: 55.002 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

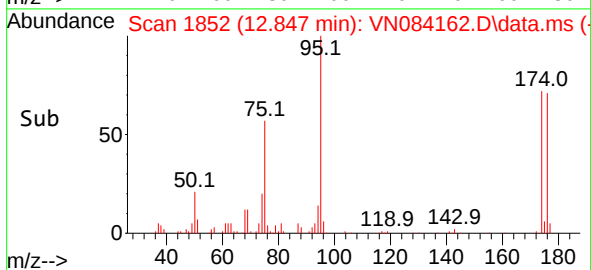
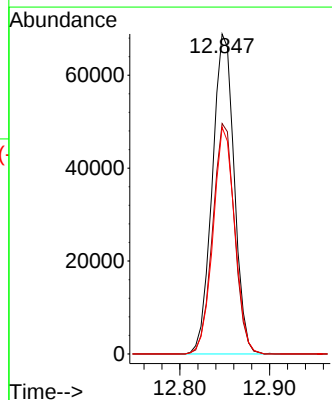
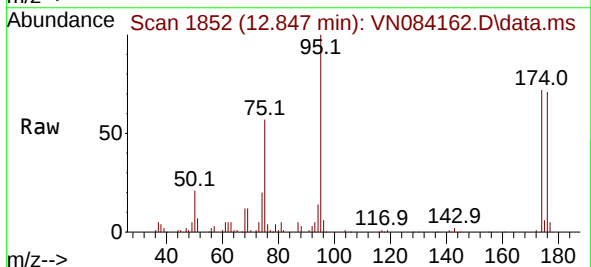
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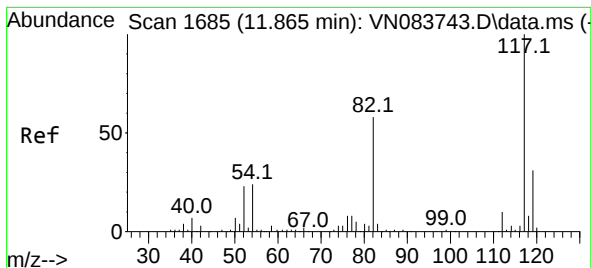
Tgt Ion: 98 Resp: 335869
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084162.D
Acq: 25 Sep 2024 16:11

Tgt Ion: 95 Resp: 116776
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 70.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917DL

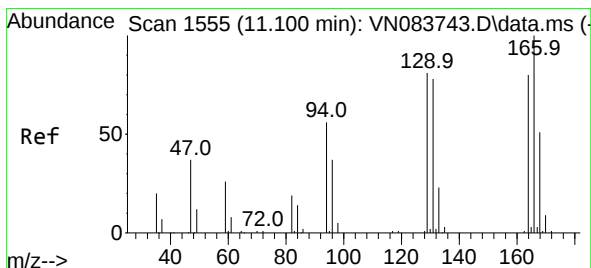
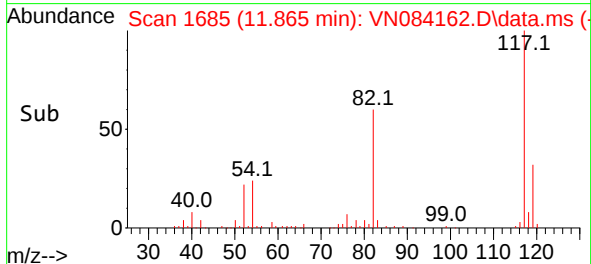
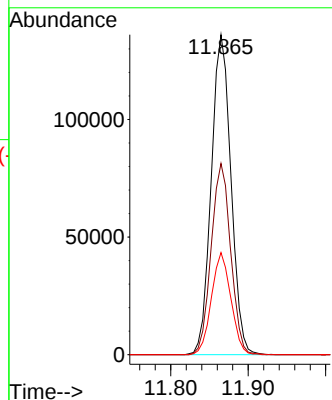
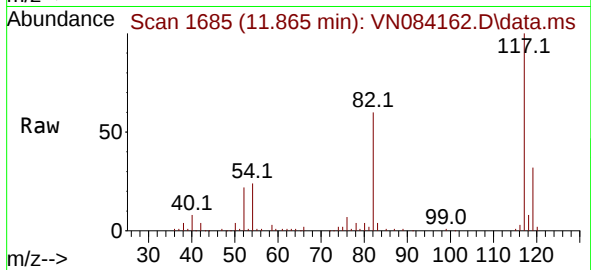
Tgt Ion:117 Resp: 240259

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 3.773 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084162.D

Acq: 25 Sep 2024 16:11

Tgt Ion:164 Resp: 6028

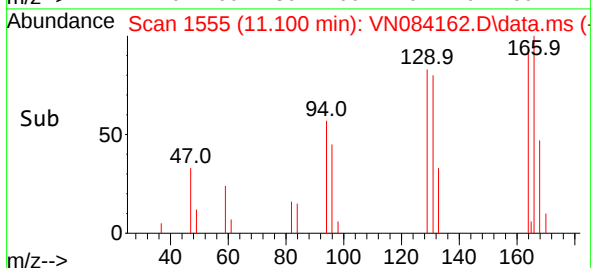
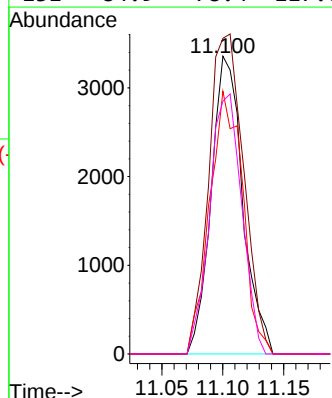
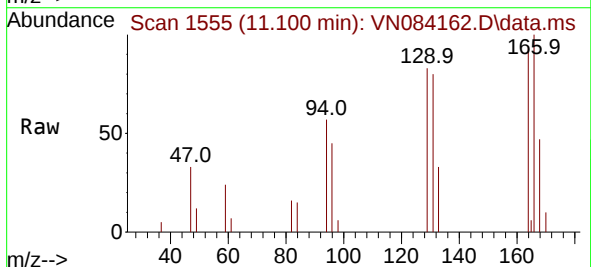
Ion Ratio Lower Upper

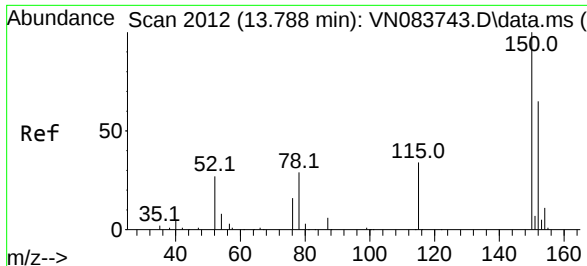
164 100

166 106.0 103.7 155.5

129 88.2 79.9 119.9

131 84.9 78.4 117.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084162.D

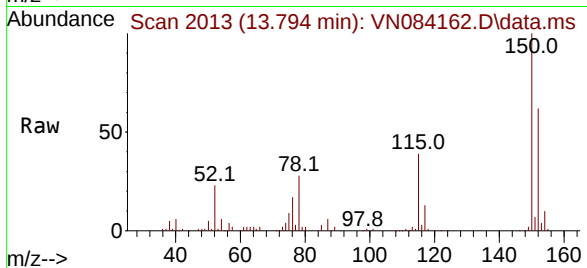
Acq: 25 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917DL



Tgt Ion:152 Resp: 101440

Ion Ratio Lower Upper

152 100

115 64.7 32.2 96.6

150 159.6 0.0 348.6

