

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084170.D
 Acq On : 25 Sep 2024 19:23
 Operator : JC\MD
 Sample : P4116-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Sep 26 01:37:18 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)

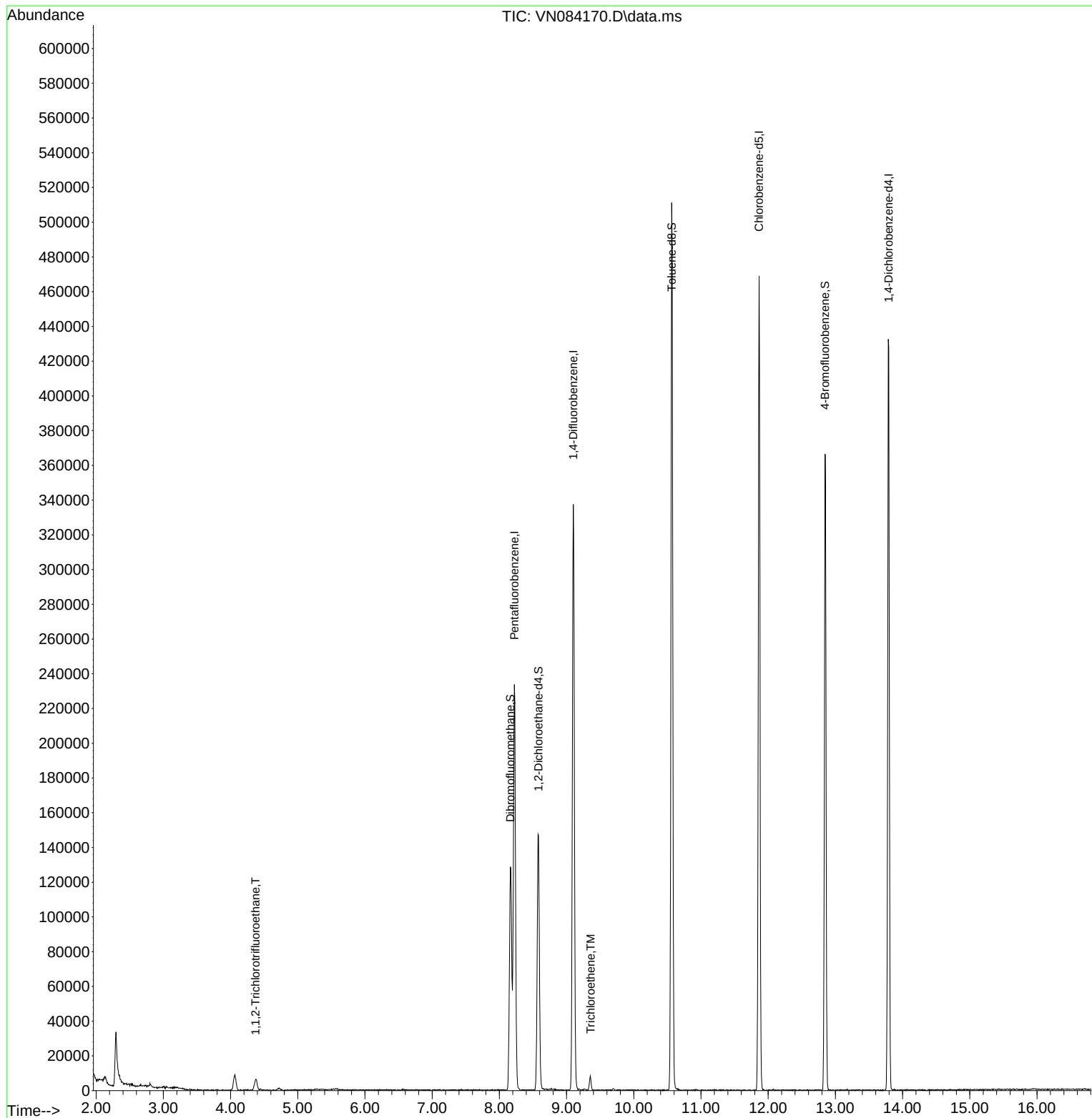
Internal Standards						
1) Pentafluorobenzene	8.224	168	158668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125190	52.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.660%	
35) Dibromofluoromethane	8.165	113	93266	50.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	10.565	98	348923	55.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.847	95	127504	48.879	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.760%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.371	101	4839	2.663	ug/l	# 83
44) Trichloroethene	9.359	130	2732	1.424	ug/l	83

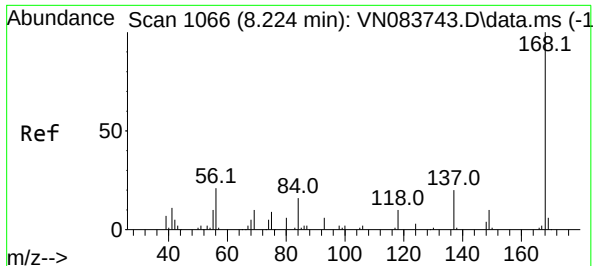
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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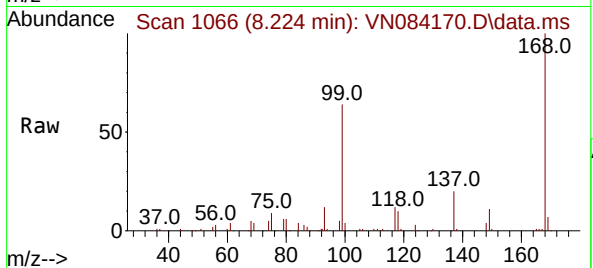
Quant Time: Sep 26 01:37:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



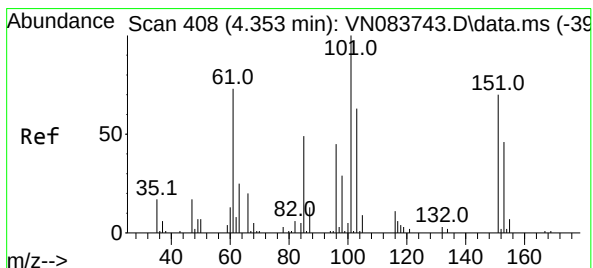
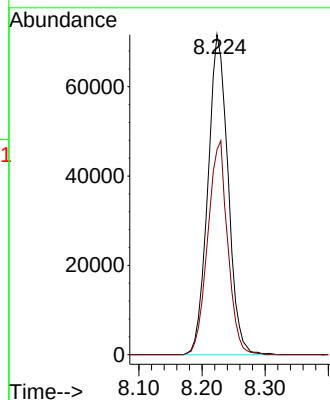
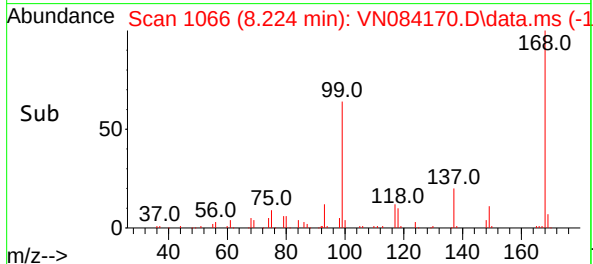


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

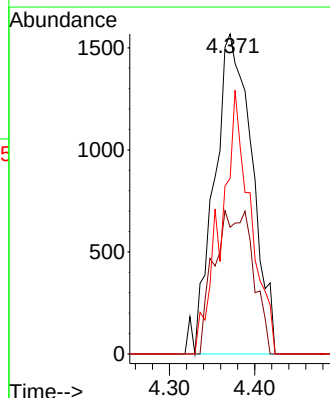
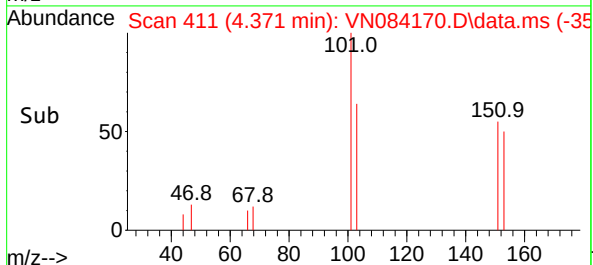
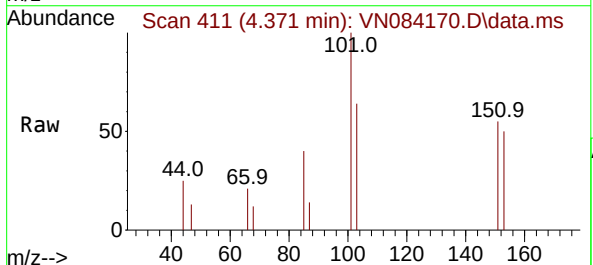


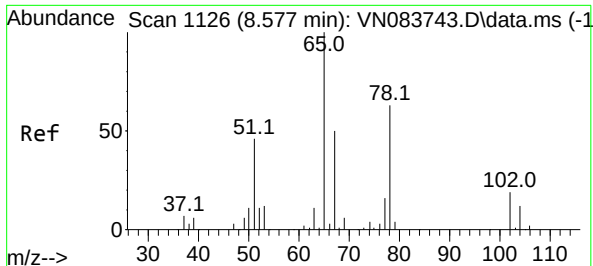
Tgt Ion:168 Resp: 158668
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.663 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion:101 Resp: 4839
Ion Ratio Lower Upper
101 100
85 26.4 36.2 54.4#
151 64.3 57.7 86.5





#33

1,2-Dichloroethane-d4

Concen: 52.326 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN084170.D

Acq: 25 Sep 2024 19:23

Instrument :

MSVOA_N

ClientSampleId :

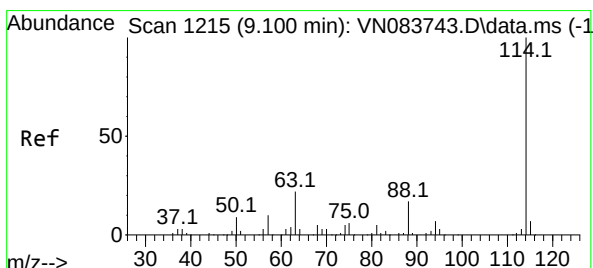
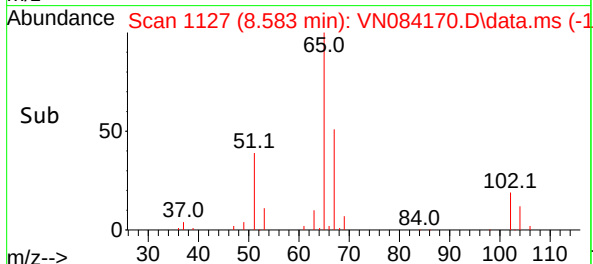
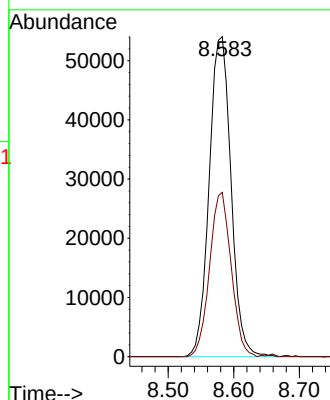
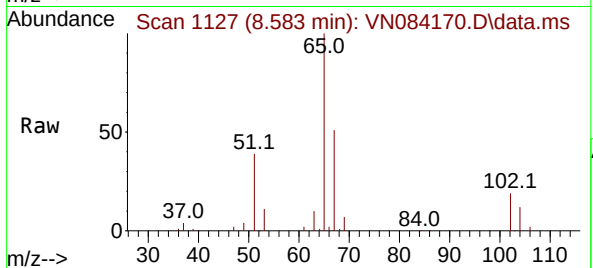
RE132D2-20240918

Tgt Ion: 65 Resp: 125190

Ion Ratio Lower Upper

65 100

67 50.6 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: VN084170.D

Acq: 25 Sep 2024 19:23

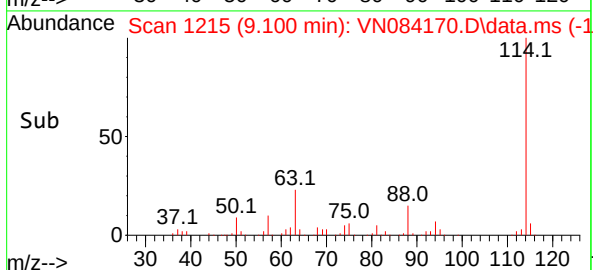
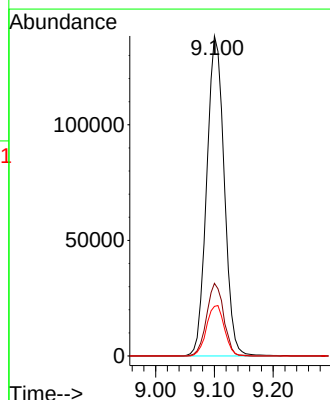
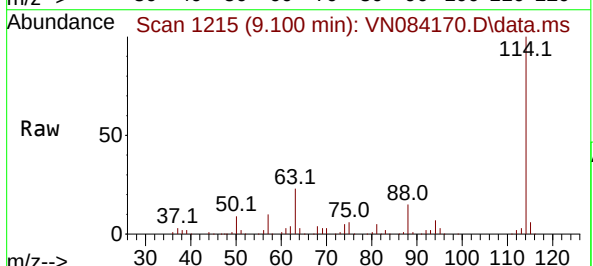
Tgt Ion: 114 Resp: 285685

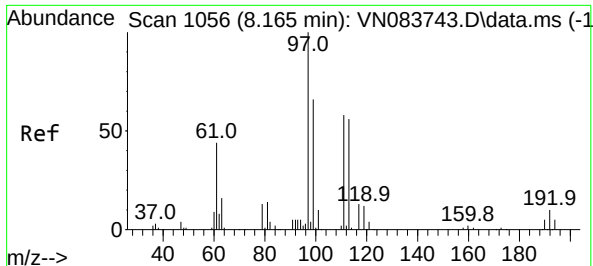
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

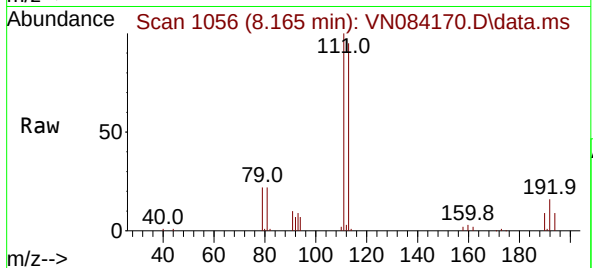
88 15.5 0.0 32.6



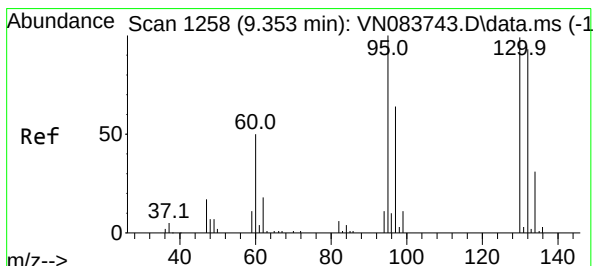
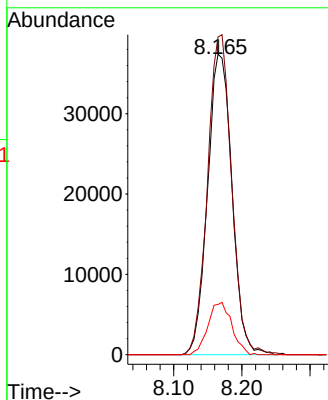
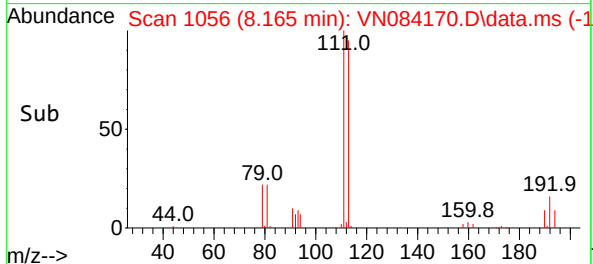


#35
Dibromofluoromethane
Concen: 50.995 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

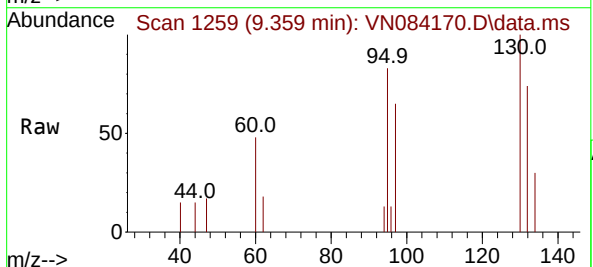
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918



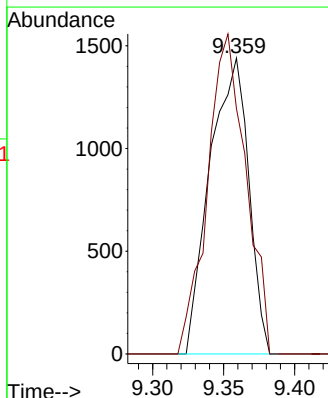
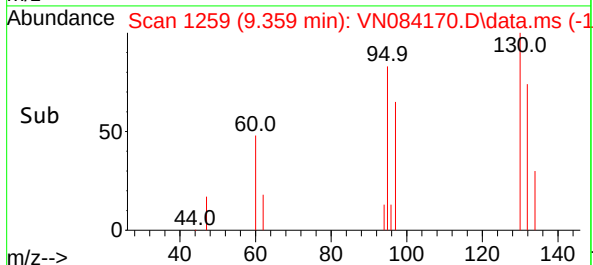
Tgt Ion:113 Resp: 93266
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 17.0 14.3 21.5

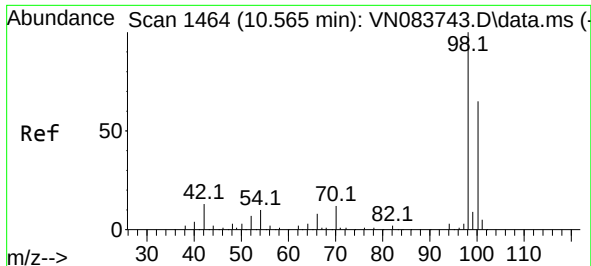


#44
Trichloroethene
Concen: 1.424 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23



Tgt Ion:130 Resp: 2732
Ion Ratio Lower Upper
130 100
95 83.0 0.0 200.4

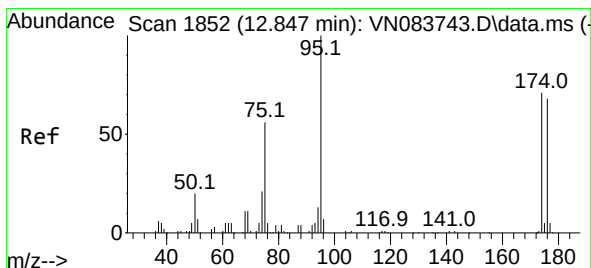
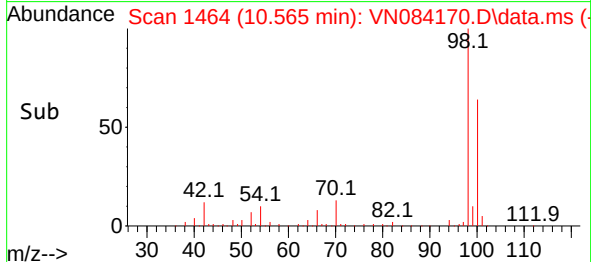
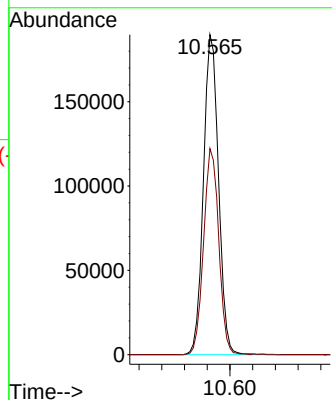
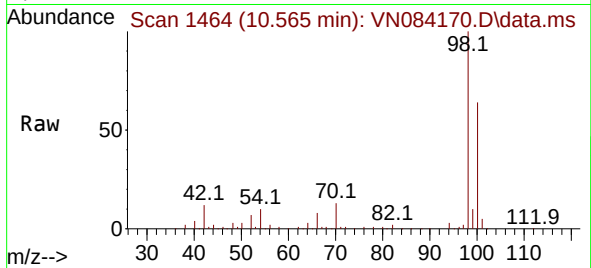




#50
Toluene-d8
Concen: 55.186 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

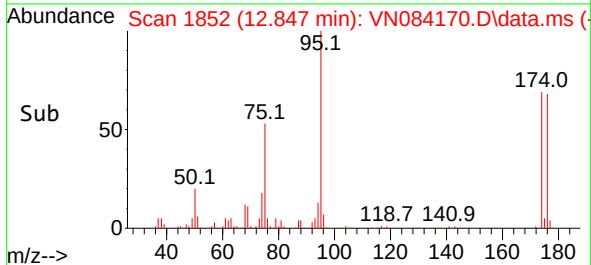
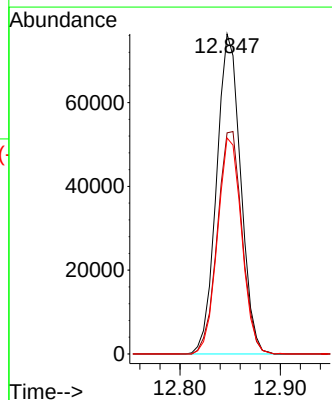
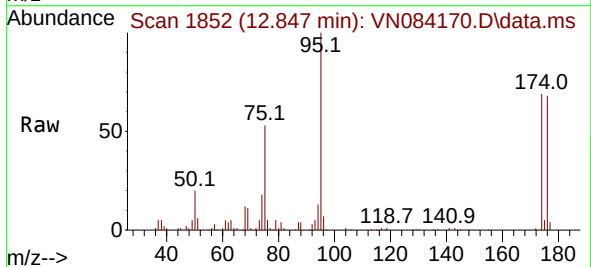
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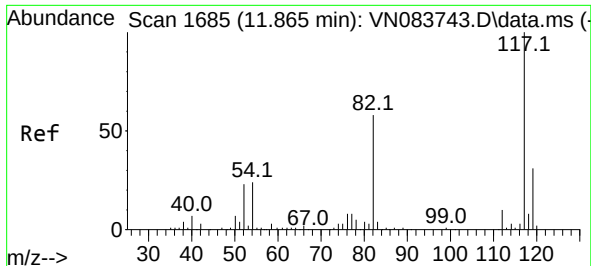
Tgt Ion: 98 Resp: 348923
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion: 95 Resp: 127504
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 67.8 0.0 131.4

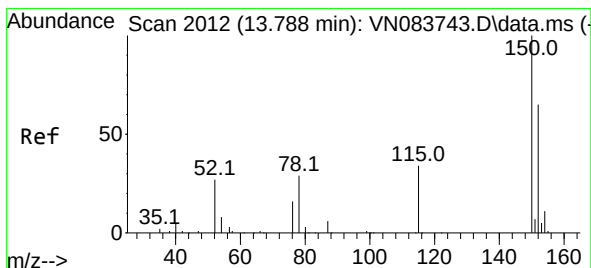
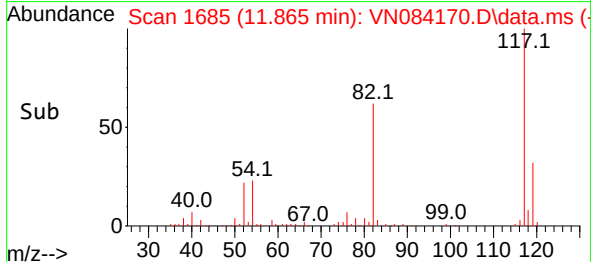
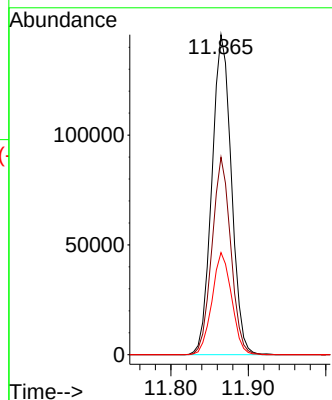
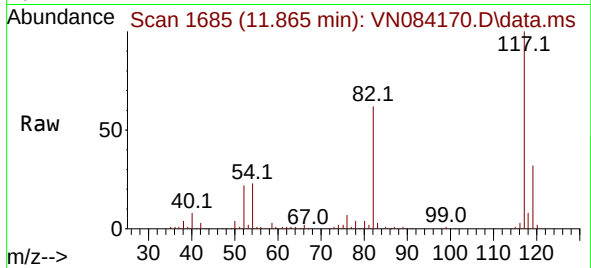




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

Tgt Ion:117 Resp: 254383
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084170.D
Acq: 25 Sep 2024 19:23

Tgt Ion:152 Resp: 112562
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 156.5 0.0 348.6

