

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084236.D
 Acq On : 01 Oct 2024 13:54
 Operator : JC\MD
 Sample : P4116-24DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20240918DL

Quant Time: Oct 02 02:02:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

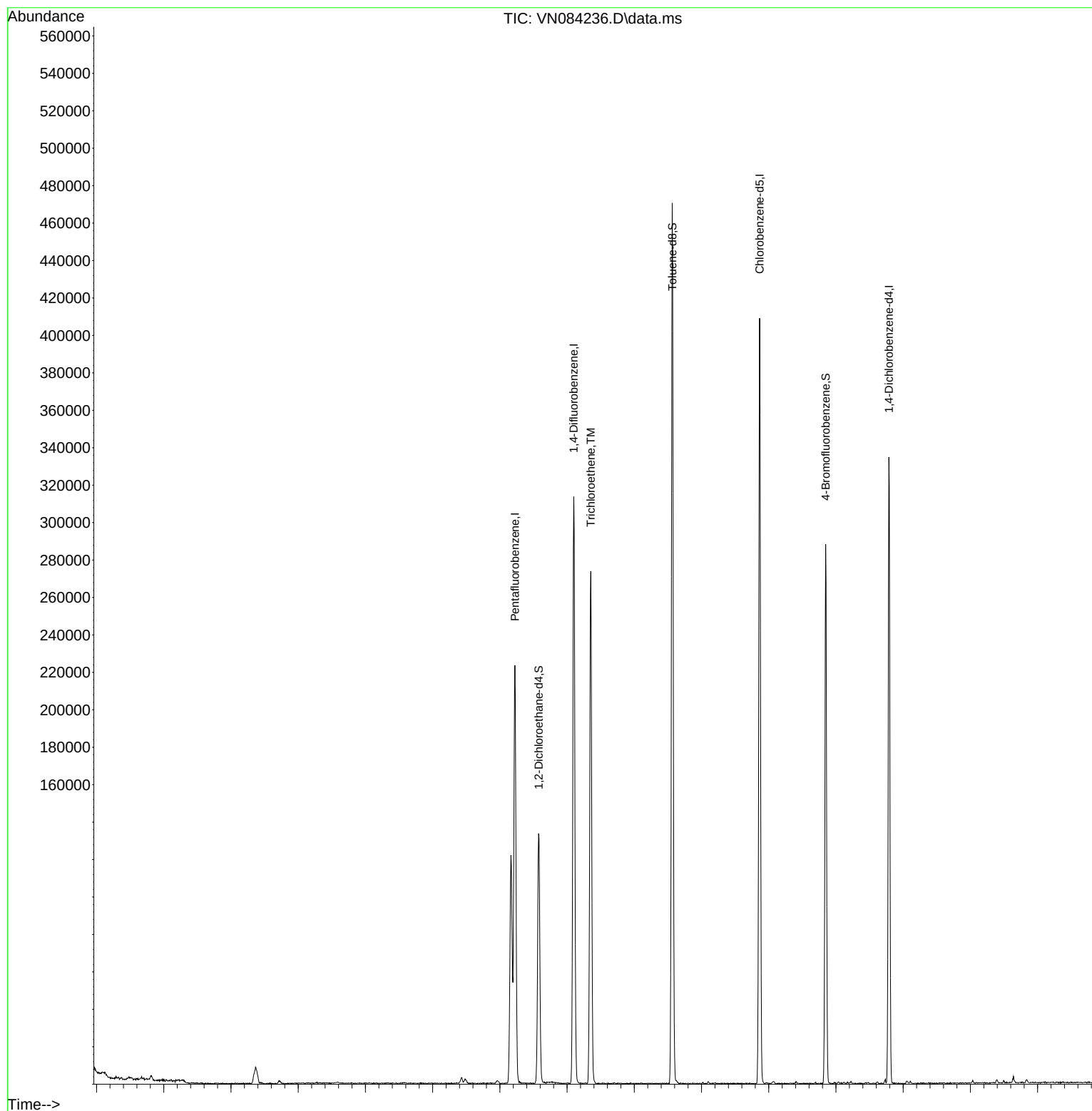
Internal Standards						
1) Pentafluorobenzene	8.224	168	155967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113462	49.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	87699	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.565	98	321801	49.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.847	95	103054	43.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.860%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.365	101	5938	3.262	ug/l	90
44) Trichloroethene	9.353	130	95879	51.232	ug/l	96

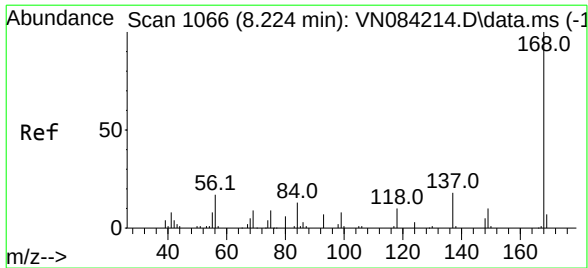
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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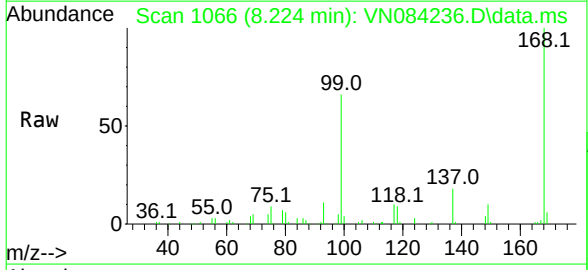
Quant Time: Oct 02 02:02:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



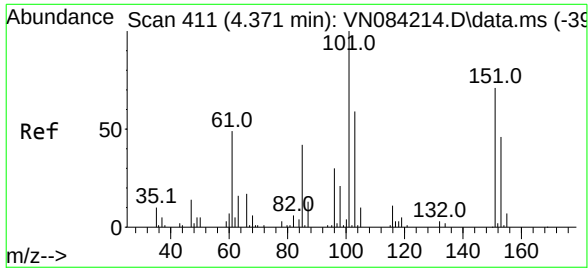
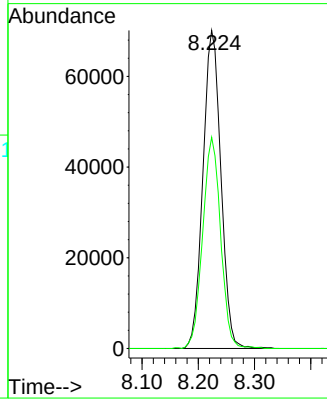
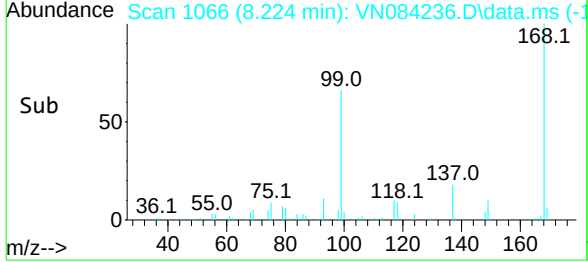


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084236.D
Acq: 01 Oct 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20240918DL

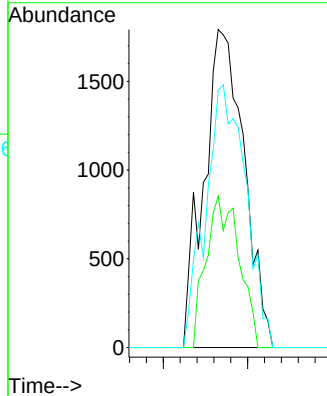
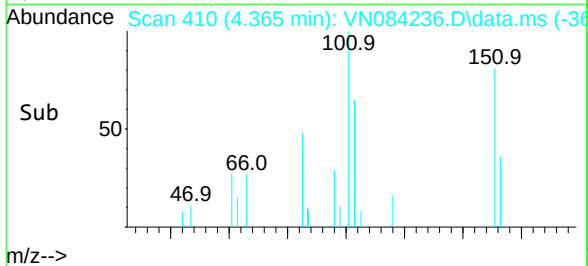
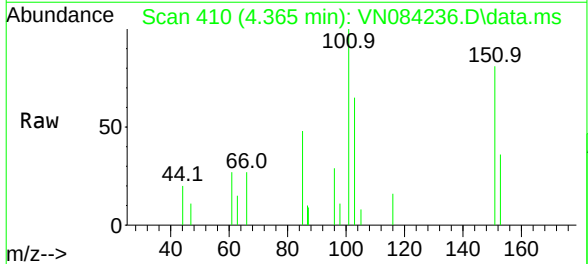


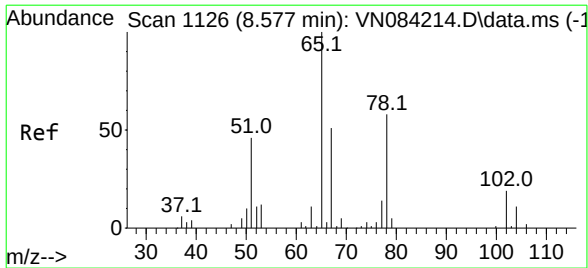
Tgt Ion:168 Resp: 155967
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.262 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084236.D
Acq: 01 Oct 2024 13:54

Tgt Ion:101 Resp: 5938
Ion Ratio Lower Upper
101 100
85 39.1 36.2 54.4
151 82.5 59.3 88.9

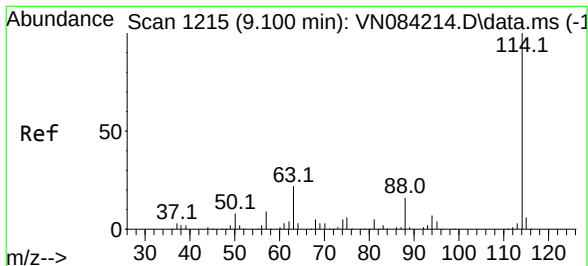
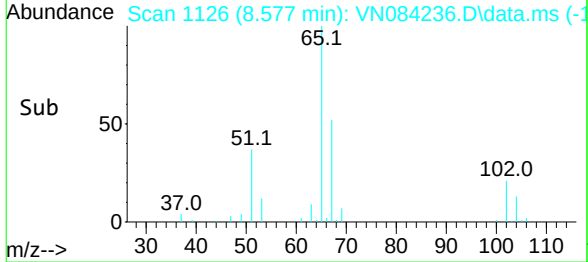
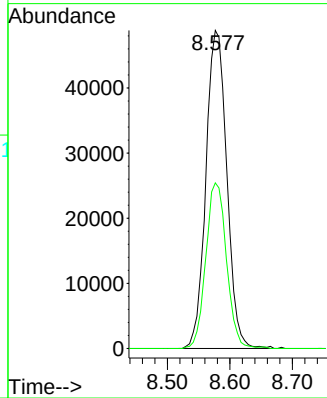
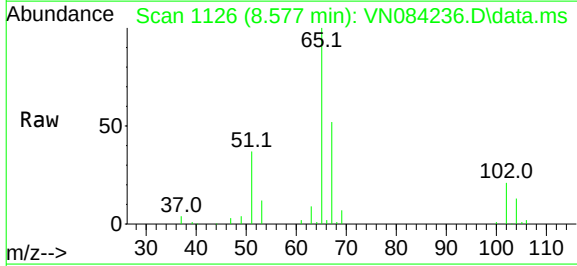




#33
1,2-Dichloroethane-d4
Concen: 49.065 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084236.D
Acq: 01 Oct 2024 13:54

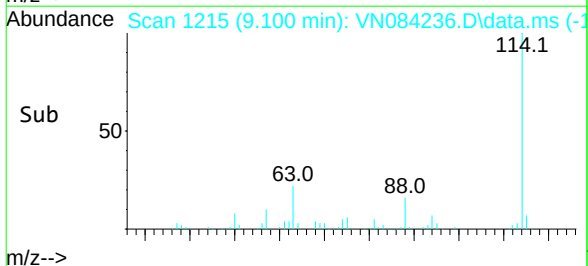
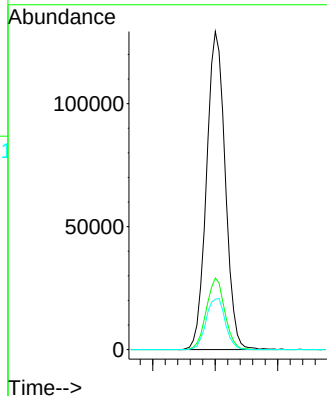
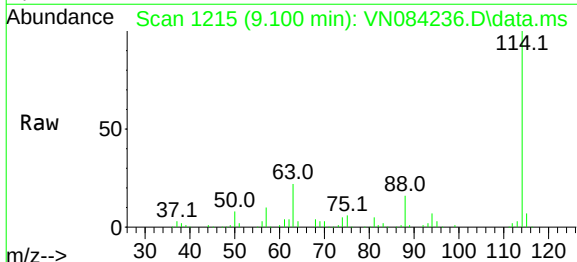
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20240918DL

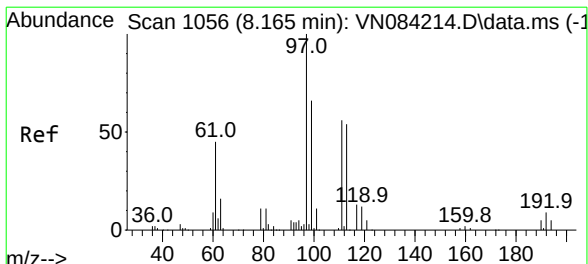
Tgt Ion: 65 Resp: 113462
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084236.D
Acq: 01 Oct 2024 13:54

Tgt Ion: 114 Resp: 268563
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.8
88 15.8 0.0 31.6

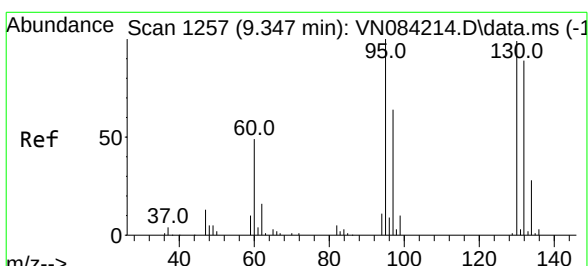
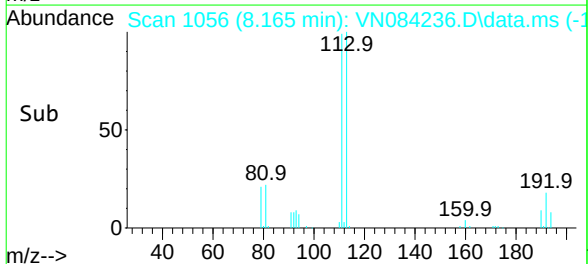
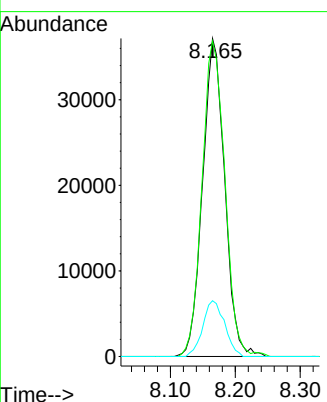
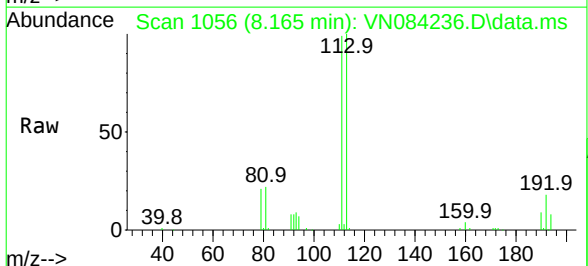




#35
 Dibromofluoromethane
 Concen: 49.532 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084236.D
 Acq: 01 Oct 2024 13:54

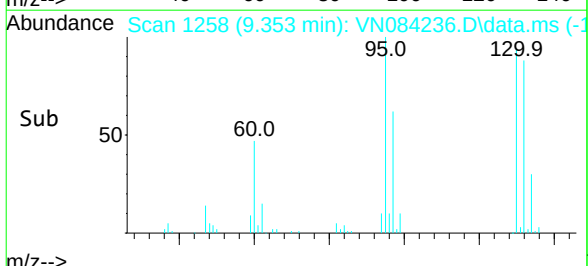
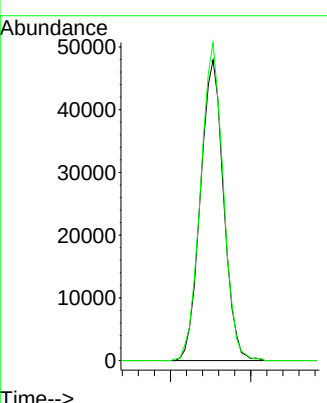
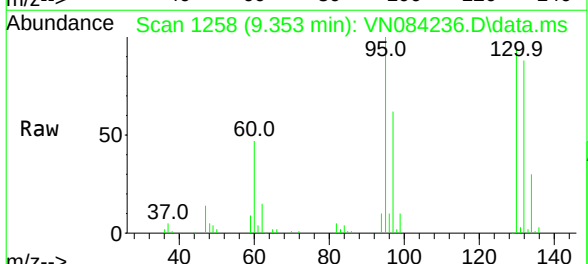
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20240918DL

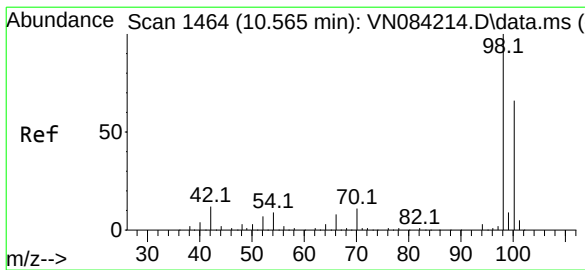
Tgt Ion:	113	Resp:	87699
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	17.4	13.5	20.3



#44
 Trichloroethene
 Concen: 51.232 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084236.D
 Acq: 01 Oct 2024 13:54

Tgt Ion:	130	Resp:	95879
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	203.0





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084236.D

Acq: 01 Oct 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

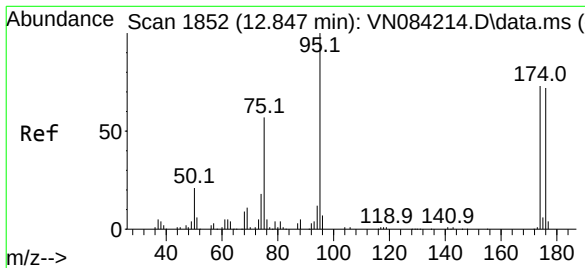
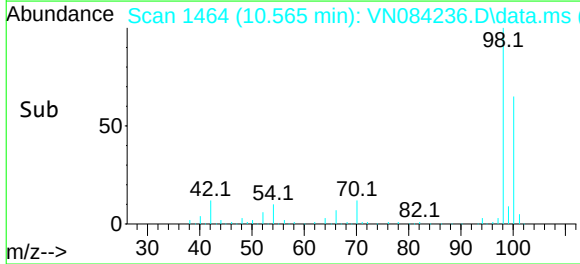
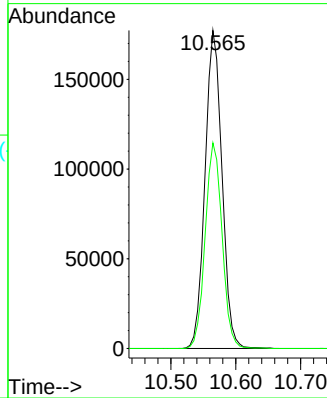
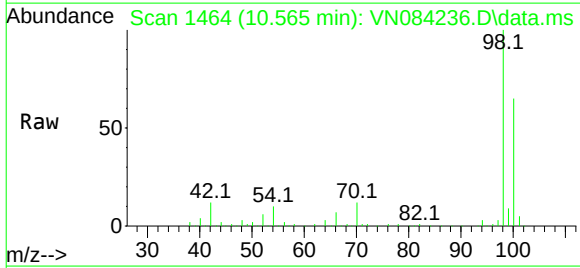
RE132D5-20240918DL

Tgt Ion: 98 Resp: 321801

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.426 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084236.D

Acq: 01 Oct 2024 13:54

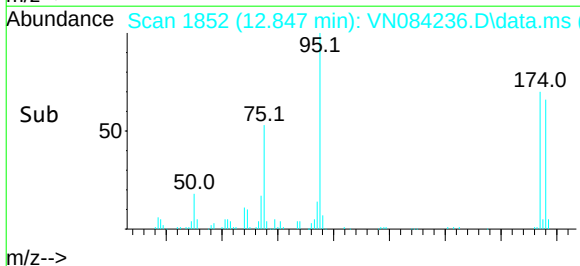
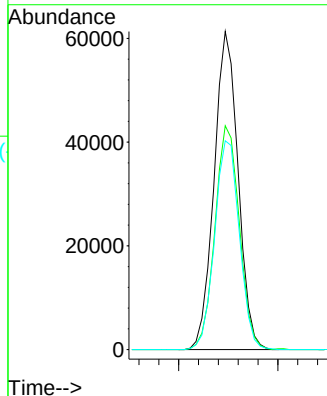
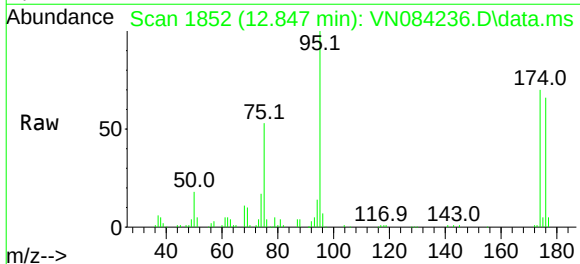
Tgt Ion: 95 Resp: 103054

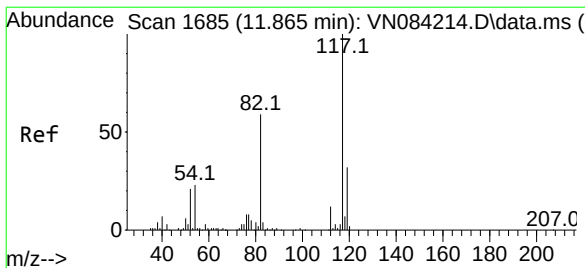
Ion Ratio Lower Upper

95 100

174 71.6 0.0 145.2

176 67.6 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN084236.D

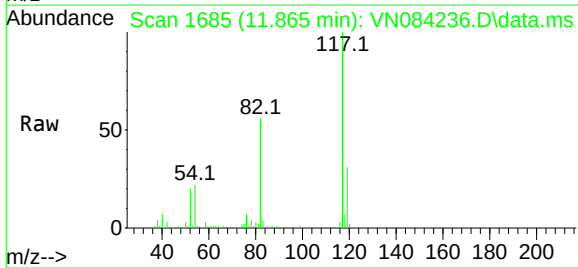
Acq: 01 Oct 2024 13:54

Instrument :

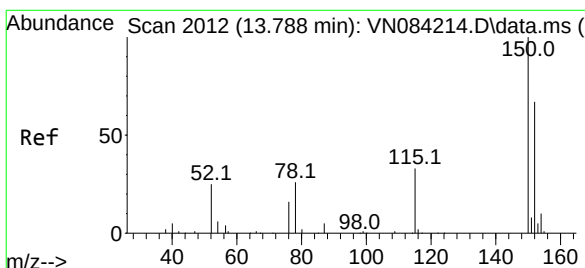
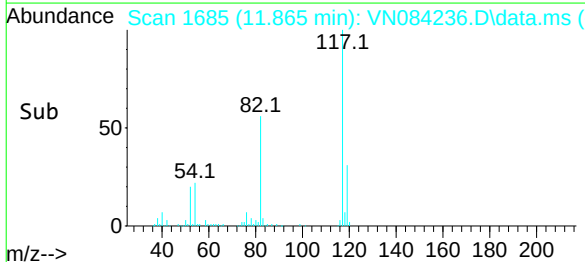
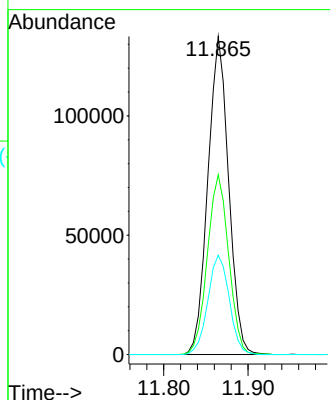
MSVOA_N

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RE132D5-20240918DL



Tgt Ion:	117	Resp:	227956
Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.2	70.8
119	31.2	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084236.D

Acq: 01 Oct 2024 13:54

Tgt Ion:	152	Resp:	88047
Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.3	93.9
150	157.1	0.0	349.8

