

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084241.D
 Acq On : 01 Oct 2024 15:54
 Operator : JC\MD
 Sample : P4116-23RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20240918RE

Quant Time: Oct 03 04:25:49 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)

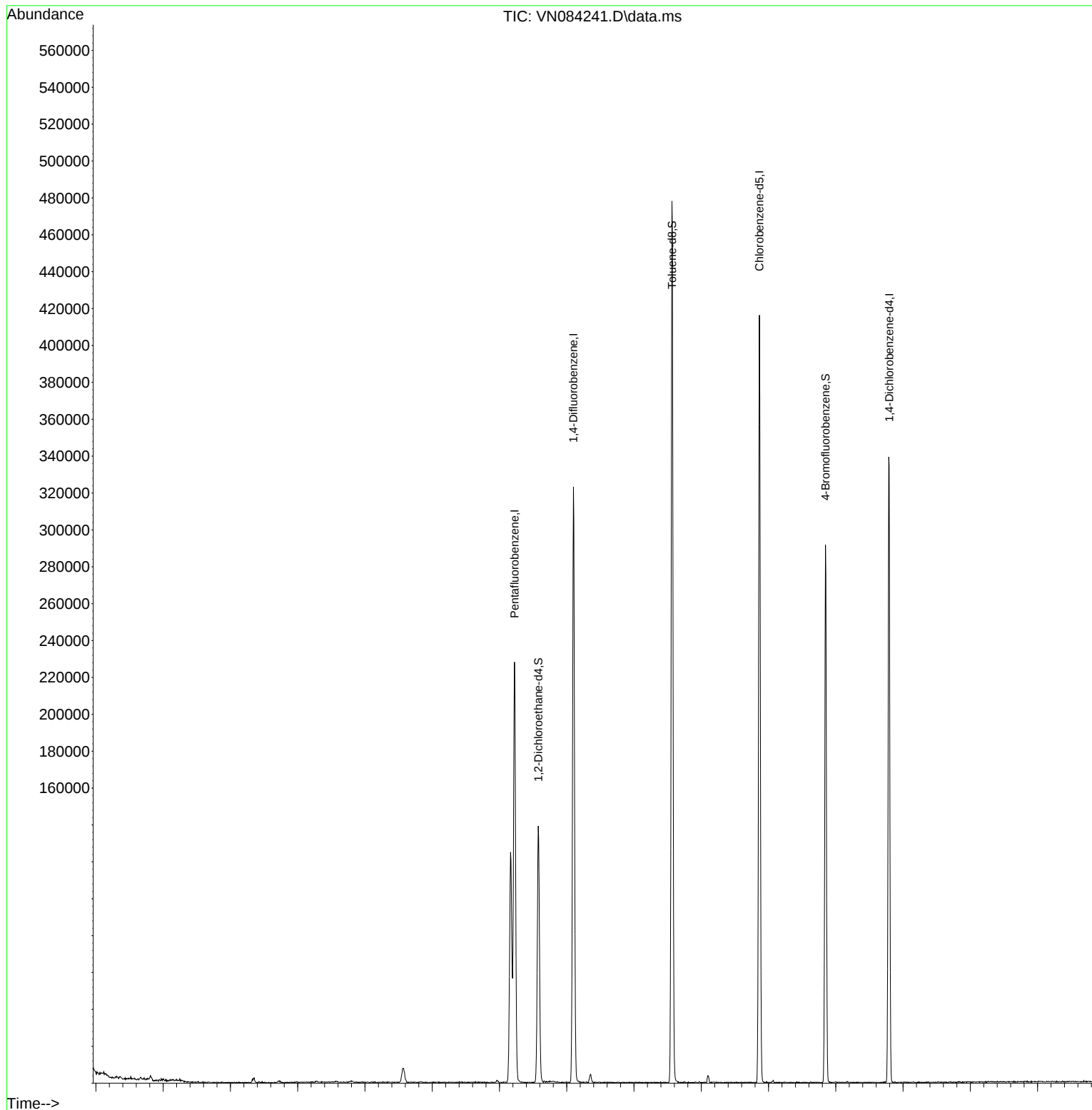
Internal Standards						
1) Pentafluorobenzene	8.224	168	154710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114642	49.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.960%
35) Dibromofluoromethane	8.165	113	89639	50.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.565	98	327502	49.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.847	95	100313	41.895	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.800%
Target Compounds						
					Qvalue	
24) 1,1-Dichloroethane	6.571	63	13038	3.726	ug/l #	97
44) Trichloroethene	9.353	130	1963	1.040	ug/l	85
64) Tetrachloroethene	11.100	164	978	0.613	ug/l #	76

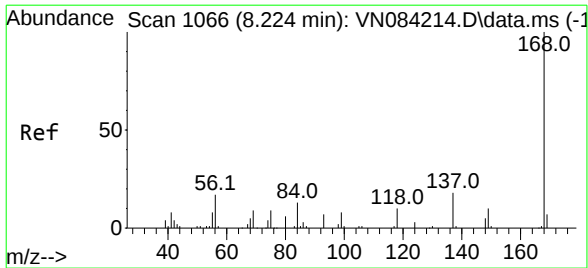
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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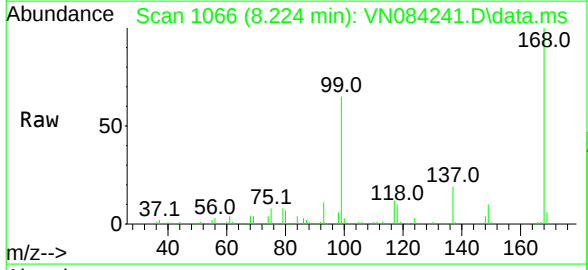
Quant Time: Oct 03 04:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



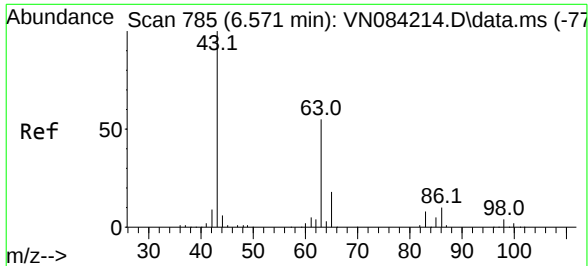
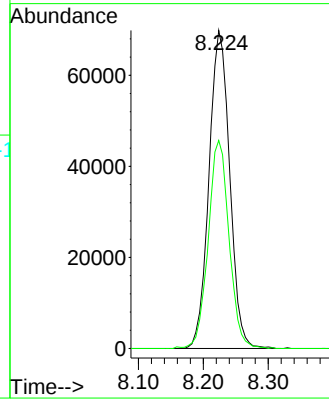
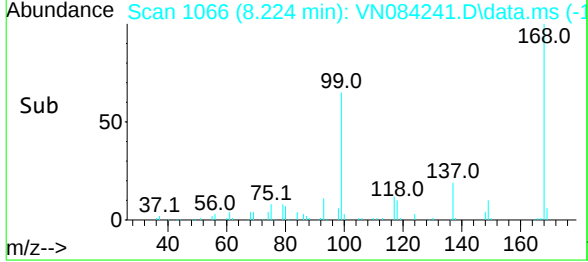


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084241.D
Acq: 01 Oct 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :
TT174I1-20240918RE

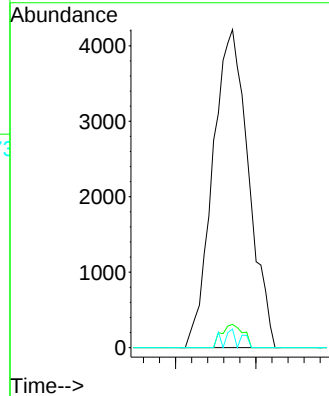
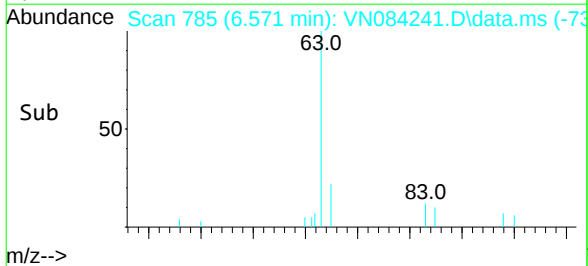
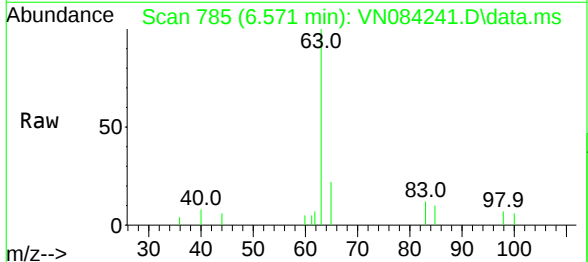


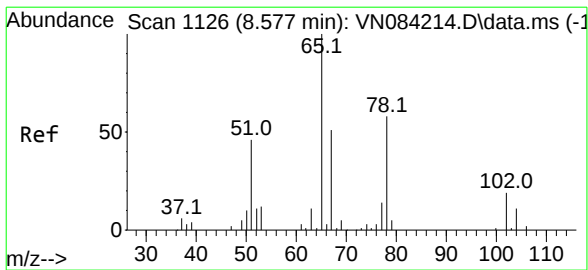
Tgt Ion:168 Resp: 154710
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#24
1,1-Dichloroethane
Concen: 3.726 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084241.D
Acq: 01 Oct 2024 15:54

Tgt Ion: 63 Resp: 13038
Ion Ratio Lower Upper
63 100
98 7.3 3.4 10.2
100 5.9 2.0 5.8#

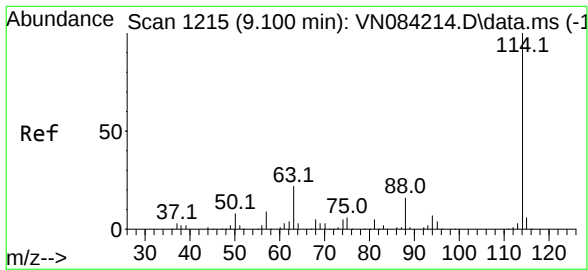
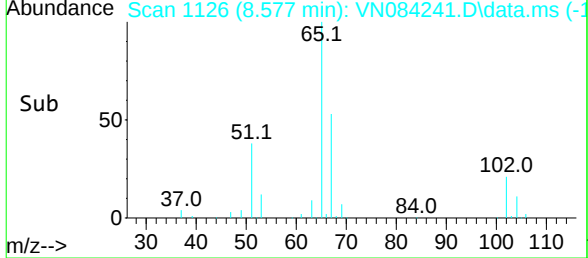
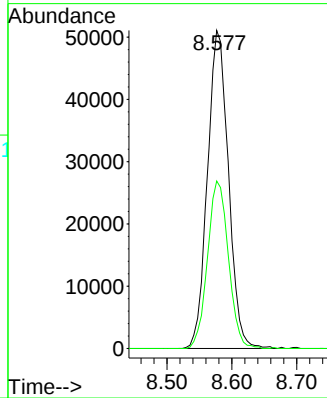
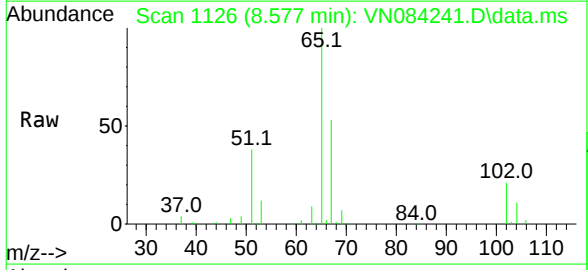




#33
 1,2-Dichloroethane-d4
 Concen: 49.978 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN084241.D
 Acq: 01 Oct 2024 15:54

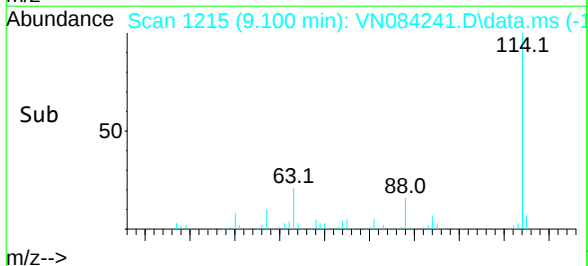
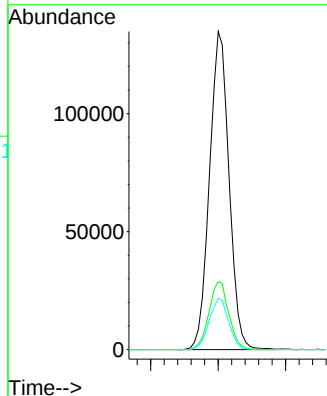
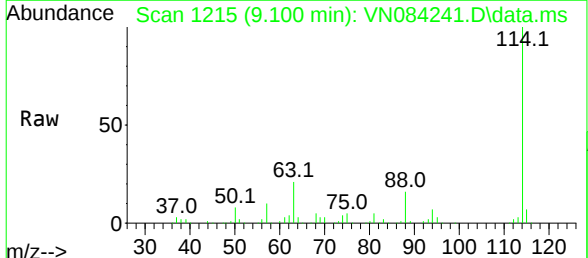
Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20240918RE

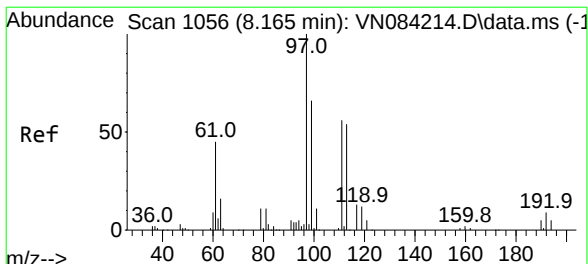
Tgt Ion:	65	Resp:	114642
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084241.D
 Acq: 01 Oct 2024 15:54

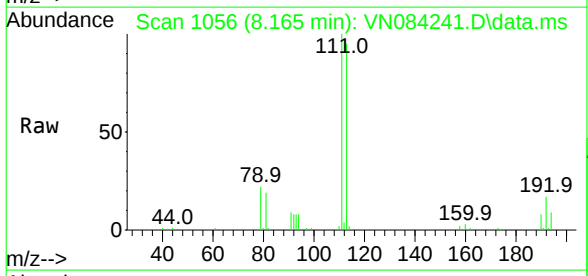
Tgt Ion:	114	Resp:	270969
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.8
88	16.1	0.0	31.6



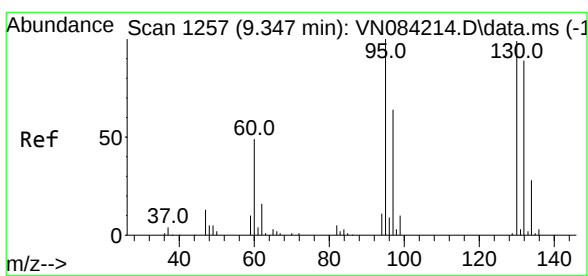
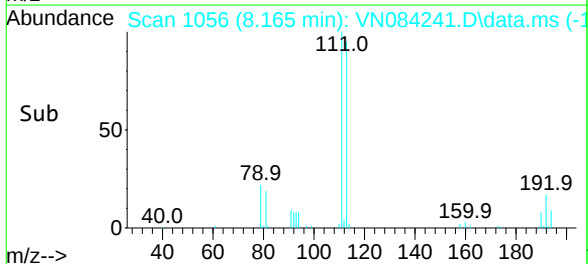
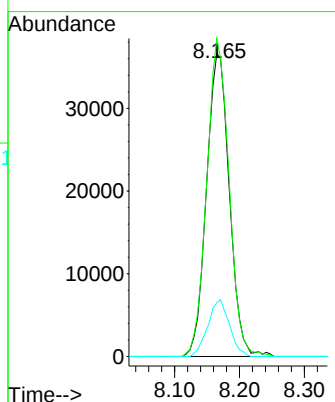


#35
 Dibromofluoromethane
 Concen: 50.179 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084241.D
 Acq: 01 Oct 2024 15:54

Instrument : MSVOA_N
 ClientSampleId : TT17411-20240918RE

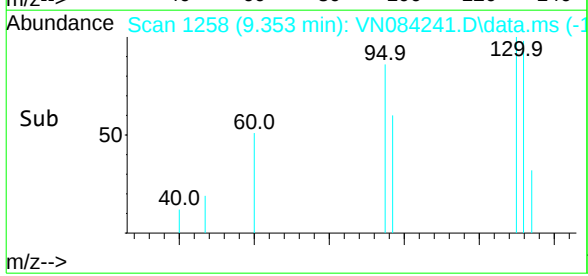
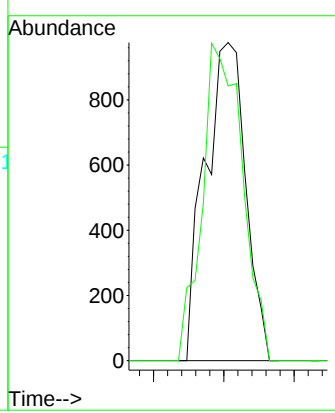
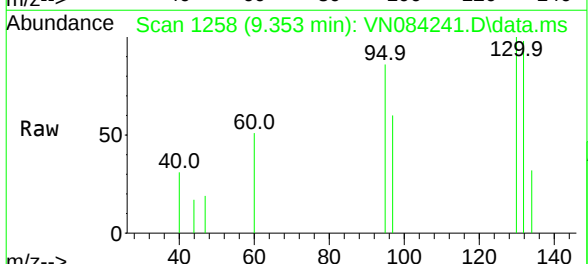


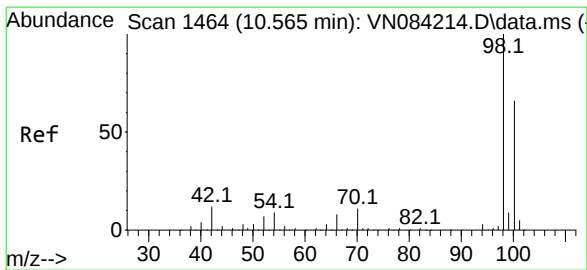
Tgt Ion:	113	Resp:	89639
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.3	124.9
192	17.7	13.5	20.3



#44
 Trichloroethene
 Concen: 1.040 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084241.D
 Acq: 01 Oct 2024 15:54

Tgt Ion:	130	Resp:	1963
Ion Ratio	Lower	Upper	
130	100		
95	86.4	0.0	203.0





#50

Toluene-d8

Concen: 49.830 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084241.D

Acq: 01 Oct 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

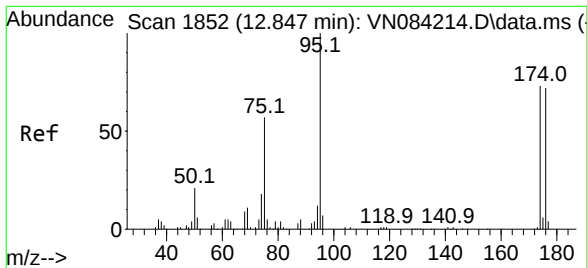
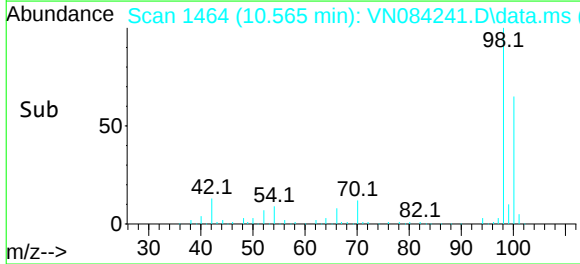
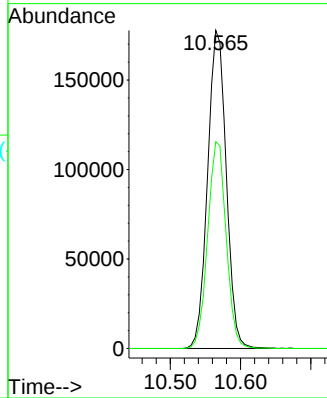
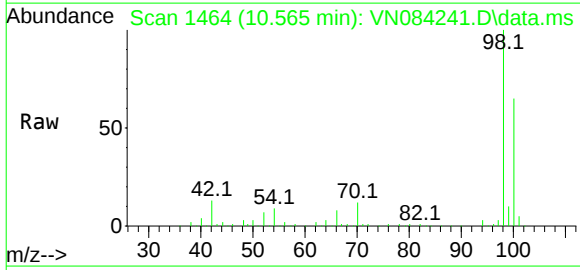
TT17411-20240918RE

Tgt Ion: 98 Resp: 327502

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 41.895 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084241.D

Acq: 01 Oct 2024 15:54

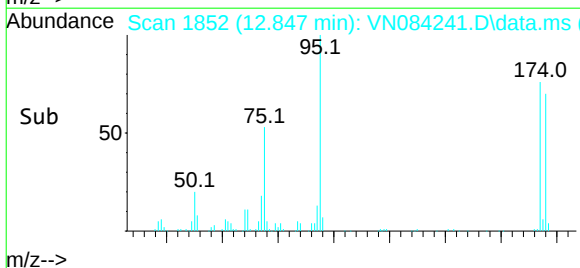
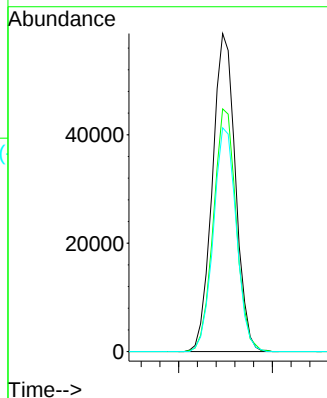
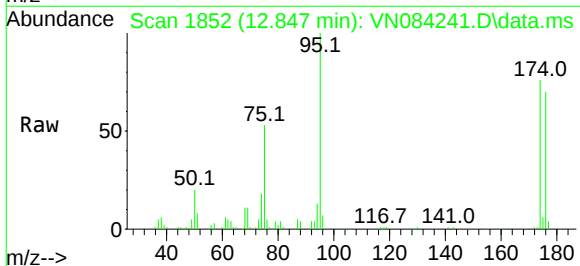
Tgt Ion: 95 Resp: 100313

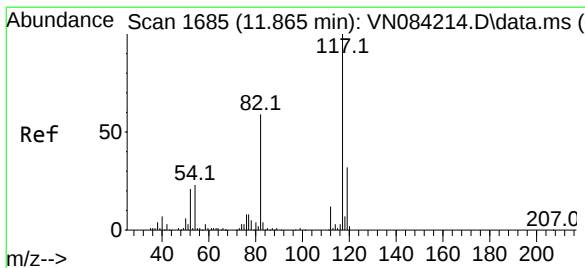
Ion Ratio Lower Upper

95 100

174 75.5 0.0 145.2

176 70.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084241.D

Acq: 01 Oct 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

TT17411-20240918RE

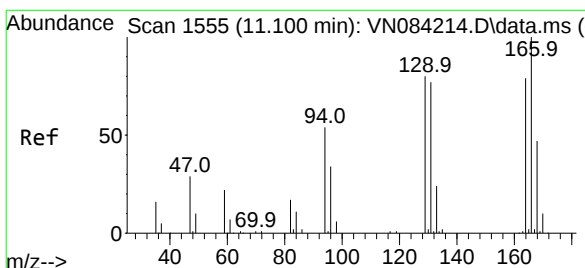
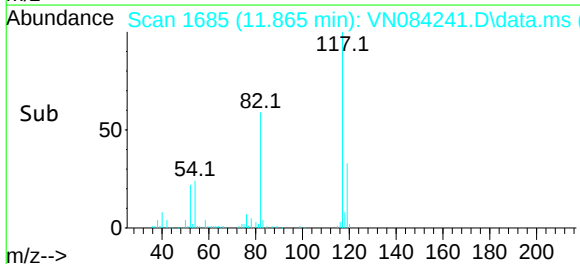
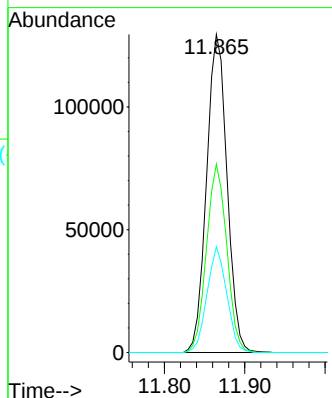
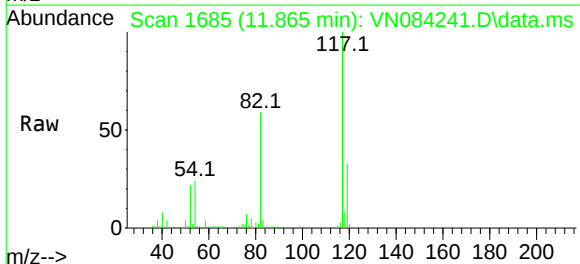
Tgt Ion:117 Resp: 229190

Ion Ratio Lower Upper

117 100

82 59.2 47.2 70.8

119 33.2 25.4 38.0



#64

Tetrachloroethene

Concen: 0.613 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084241.D

Acq: 01 Oct 2024 15:54

Tgt Ion:164 Resp: 978

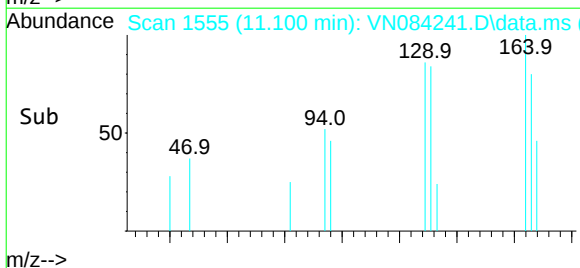
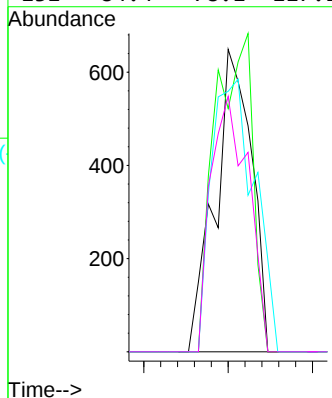
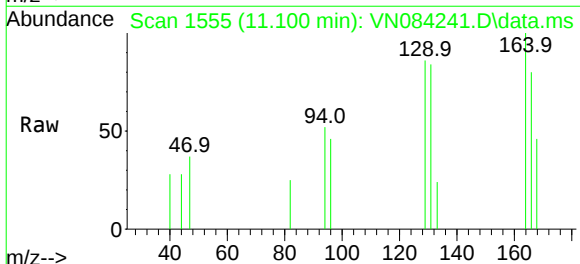
Ion Ratio Lower Upper

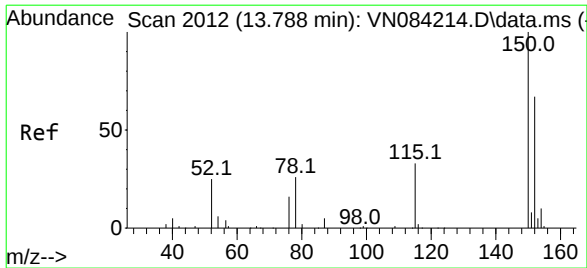
164 100

166 80.4 101.0 151.4#

129 86.1 80.8 121.2

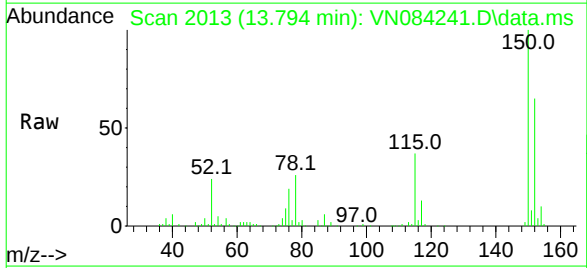
131 84.4 78.1 117.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084241.D
Acq: 01 Oct 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20240918RE



Tgt Ion:	152	Resp:	90676
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.3	93.9
150	158.0	0.0	349.8

