

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083261.D
 Acq On : 13 Aug 2024 16:31
 Operator : JC\MD
 Sample : P3440-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 922-K1-WS-080124

Quant Time: Aug 14 01:45:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

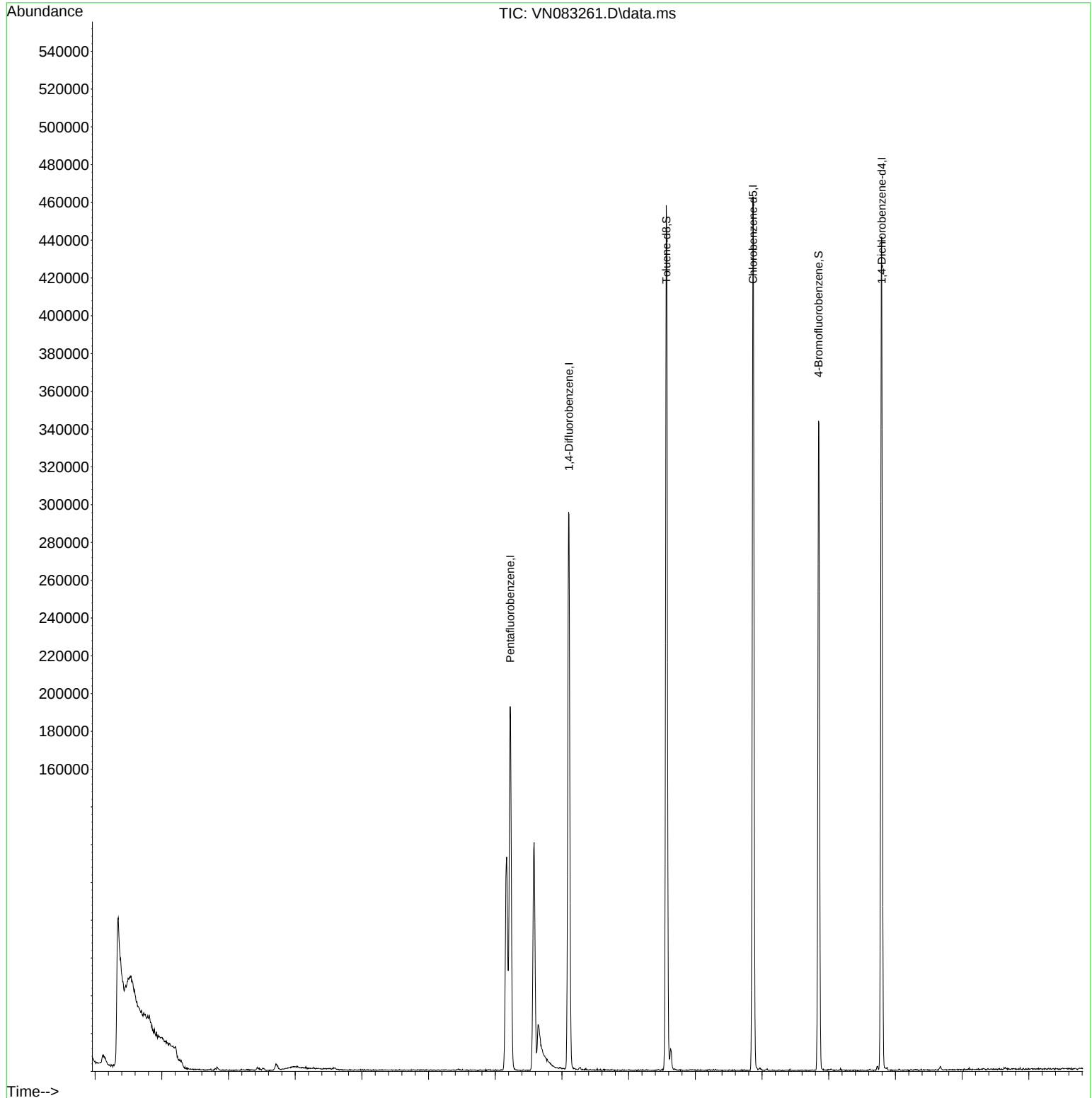
Internal Standards						
1) Pentafluorobenzene	8.224	168	132376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103561	54.962	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.920%		
35) Dibromofluoromethane	8.171	113	83821	52.360	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.720%		
50) Toluene-d8	10.565	98	315143	52.773	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.540%		
62) 4-Bromofluorobenzene	12.847	95	127684	54.845	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 109.680%		
Target Compounds						
52) Toluene	10.624	92	5036	1.105	ug/l	Qvalue 91

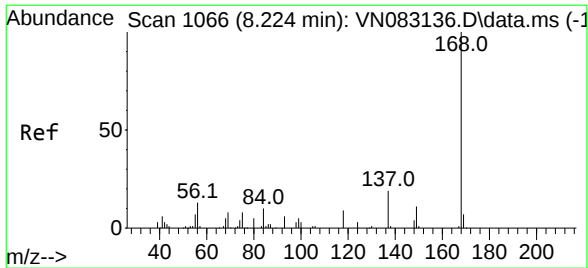
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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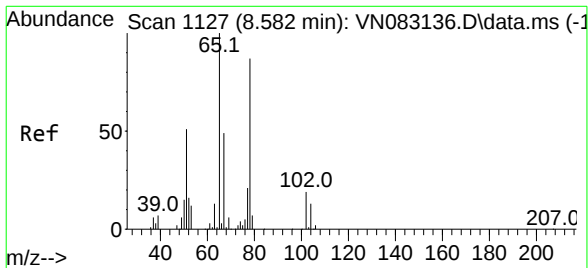
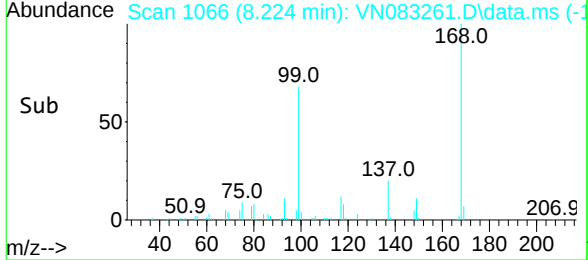
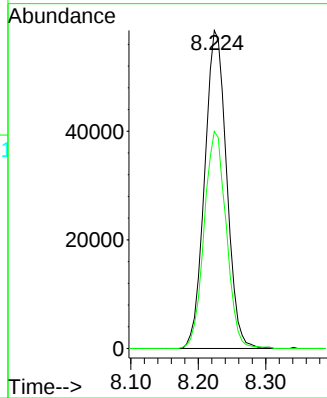
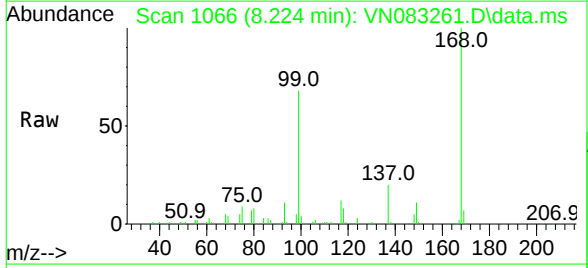




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

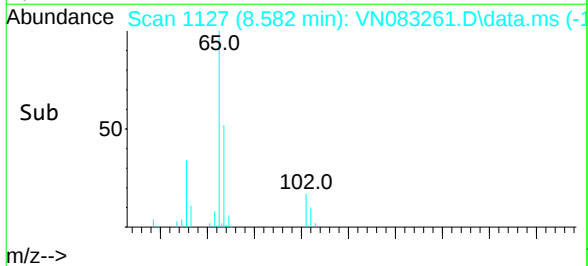
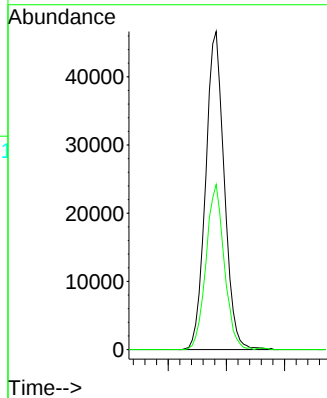
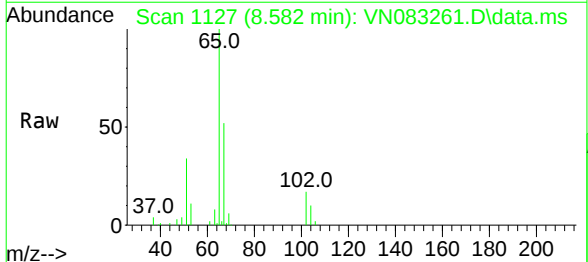
Instrument :
MSVOA_N
ClientSampleId :
922-K1-WS-080124

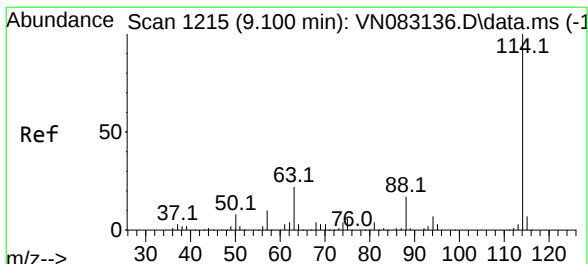
Tgt Ion:168 Resp: 132376
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.962 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 65 Resp: 103561
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

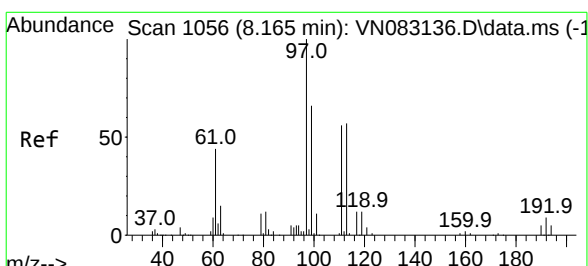
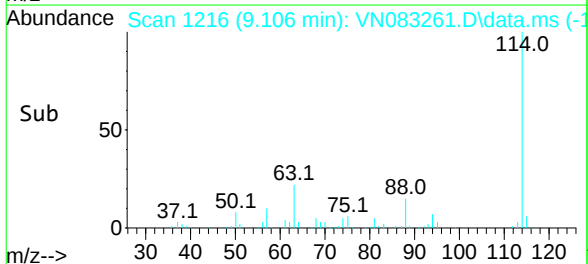
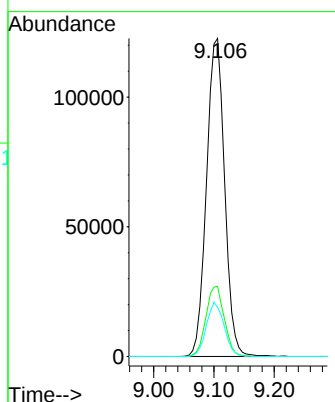
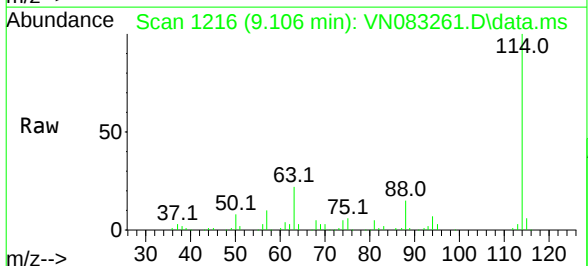




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN083261.D
 Acq: 13 Aug 2024 16:31

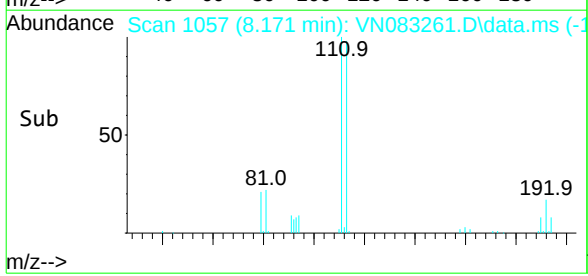
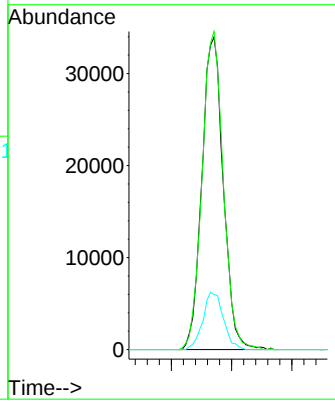
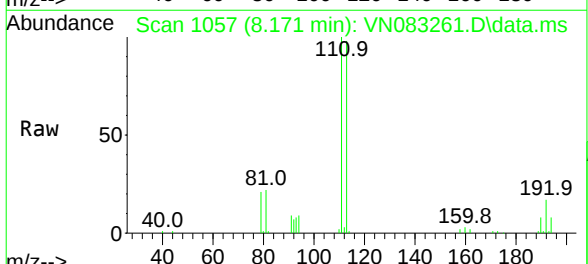
Instrument :
 MSVOA_N
 ClientSampleId :
 922-K1-WS-080124

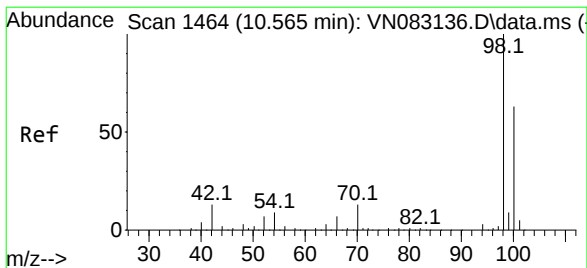
Tgt Ion:	114	Resp:	256477
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.6
88	15.5	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 52.360 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083261.D
 Acq: 13 Aug 2024 16:31

Tgt Ion:	113	Resp:	83821
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	17.6	14.9	22.3





#50

Toluene-d8

Concen: 52.773 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

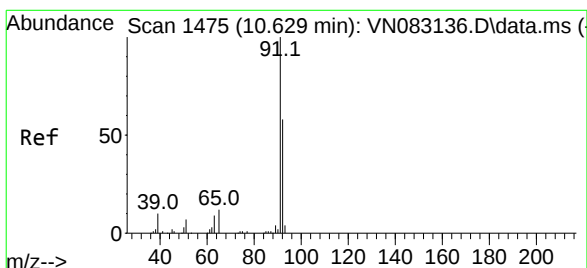
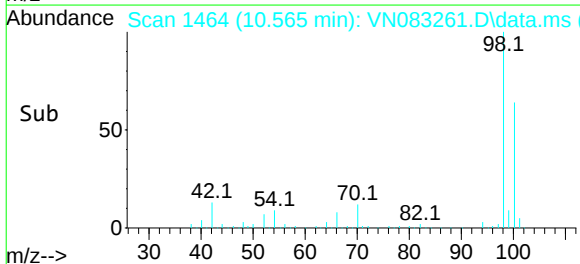
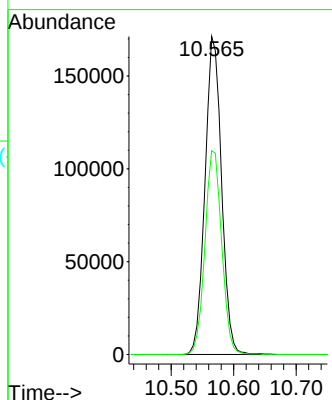
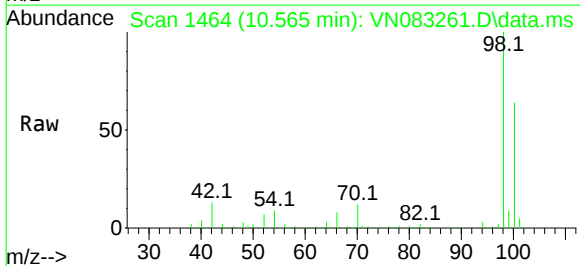
922-K1-WS-080124

Tgt Ion: 98 Resp: 315143

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#52

Toluene

Concen: 1.105 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN083261.D

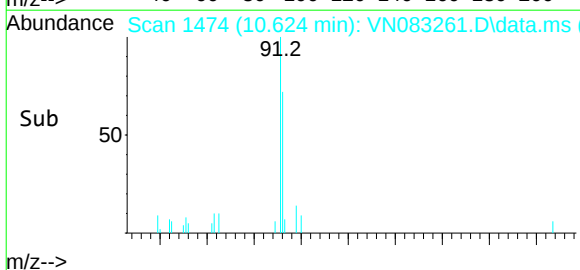
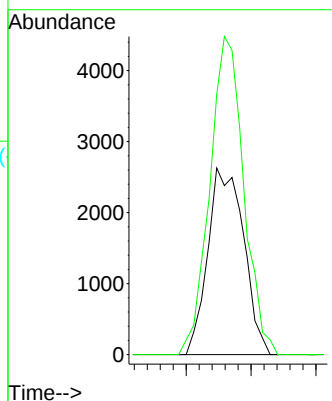
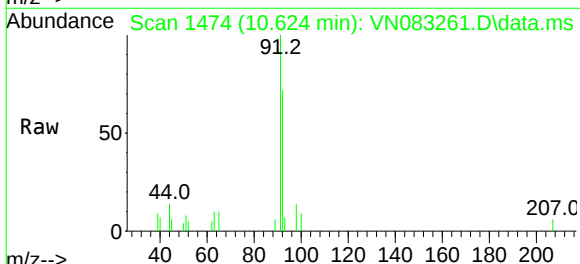
Acq: 13 Aug 2024 16:31

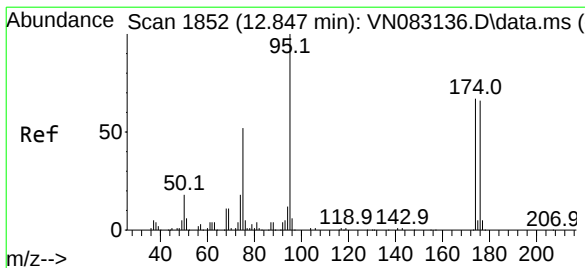
Tgt Ion: 92 Resp: 5036

Ion Ratio Lower Upper

92 100

91 161.6 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 54.845 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083261.D

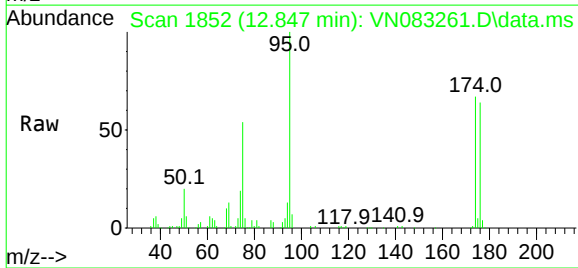
Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

922-K1-WS-080124



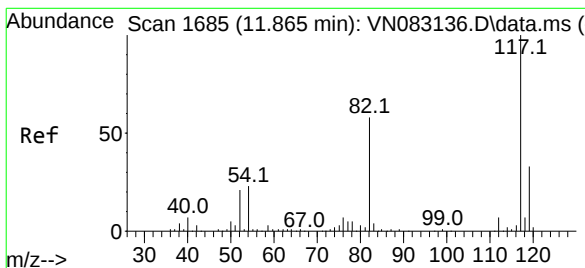
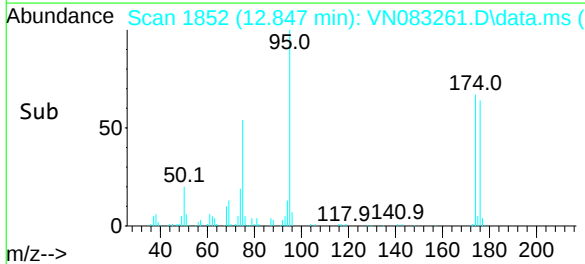
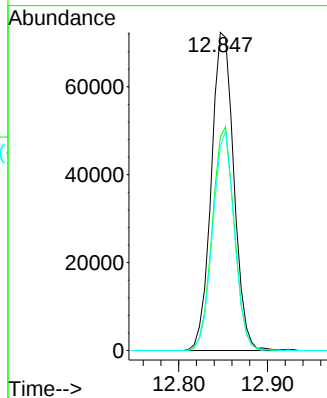
Tgt Ion: 95 Resp: 127684

Ion Ratio Lower Upper

95 100

174 68.8 0.0 159.2

176 66.0 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

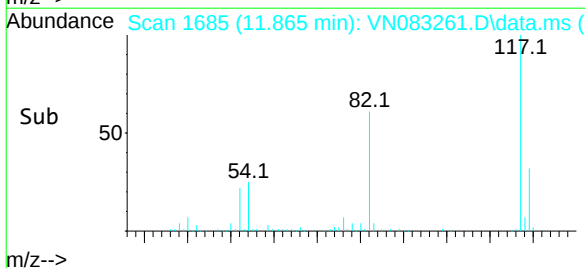
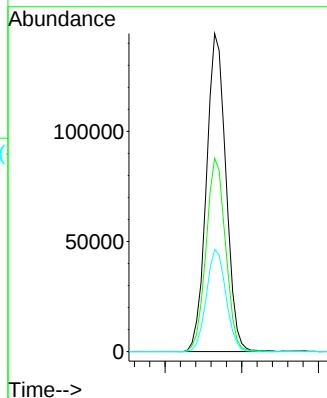
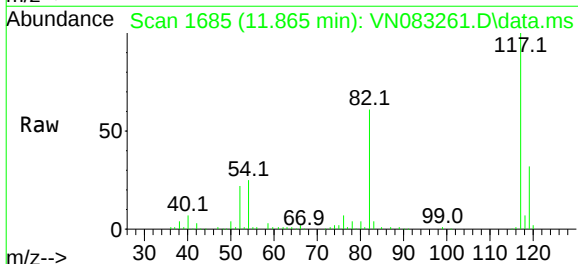
Tgt Ion: 117 Resp: 255650

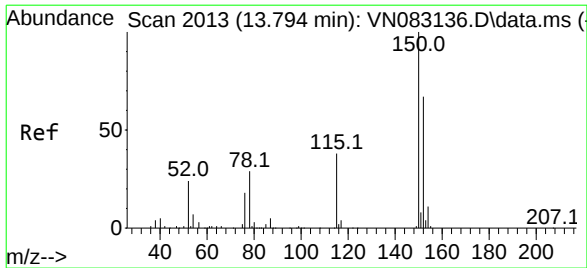
Ion Ratio Lower Upper

117 100

82 60.8 47.5 71.3

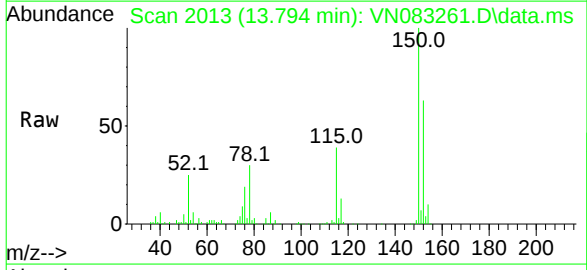
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083261.D
 Acq: 13 Aug 2024 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 922-K1-WS-080124



Tgt Ion:	152	Resp:	111960
Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.6	91.6
150	161.8	0.0	348.6

