

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081255.D
 Acq On : 28 Feb 2024 20:05
 Operator : JC\MD
 Sample : P1587-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1824-A

Quant Time: Feb 28 23:32:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

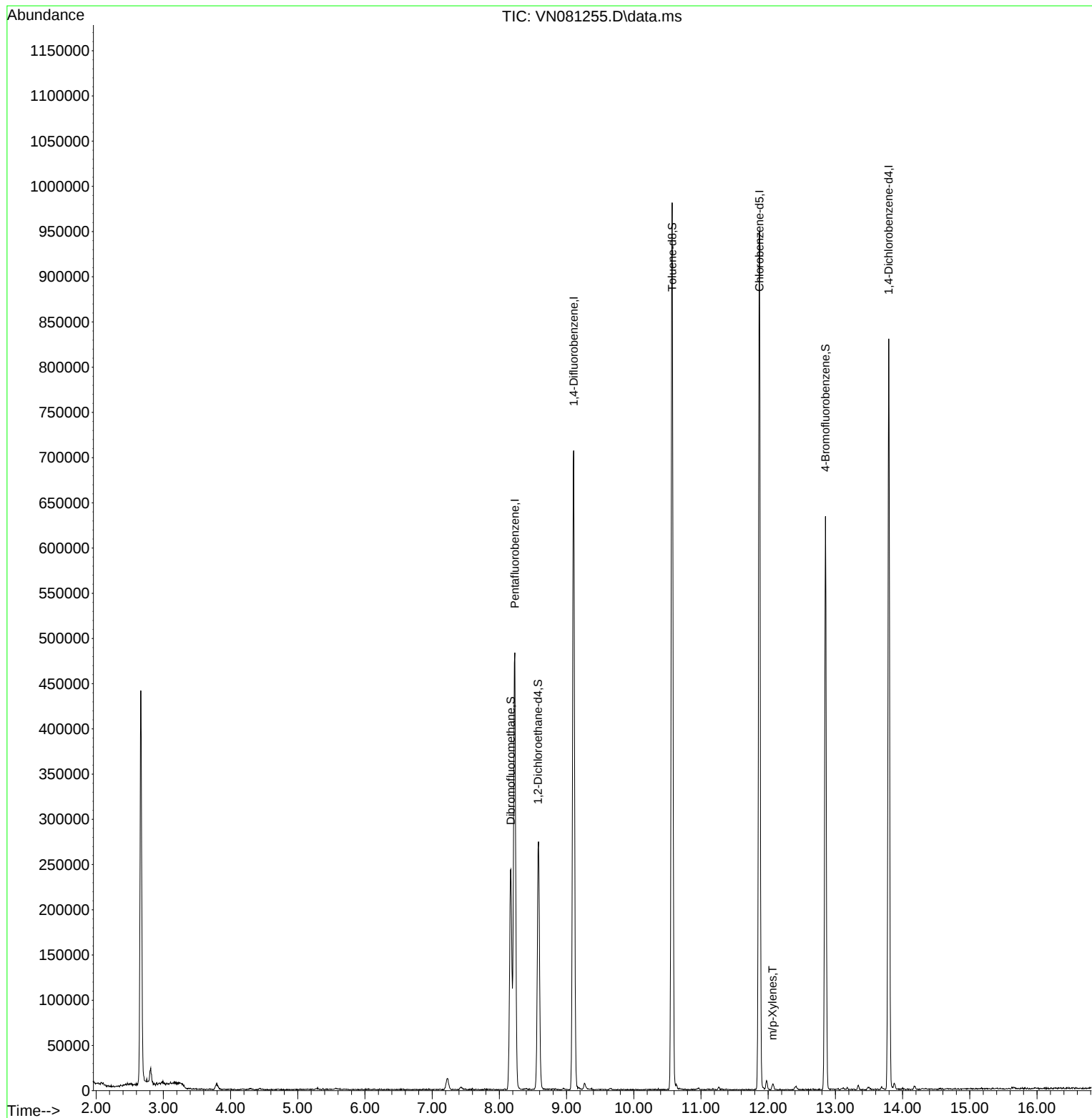
Internal Standards						
1) Pentafluorobenzene	8.230	168	328886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	606746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	527887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	221153	54.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	8.171	113	175005	51.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	10.571	98	668933	54.894	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.853	95	212739	46.461	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.920%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.065	106	2251	0.287	ug/l	89

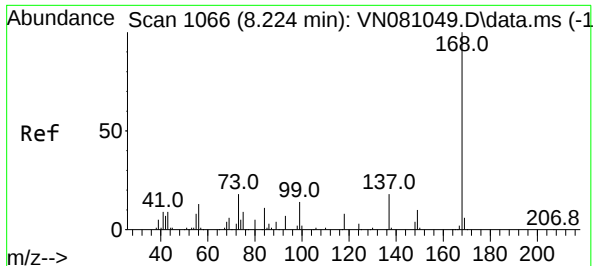
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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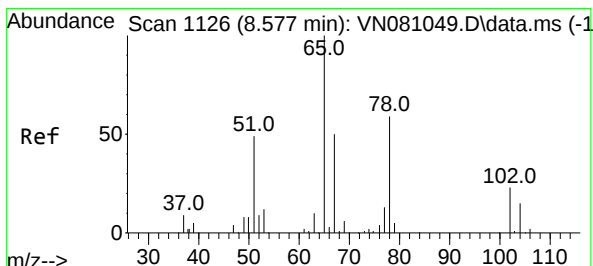
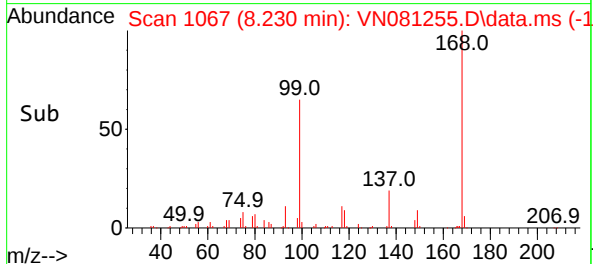
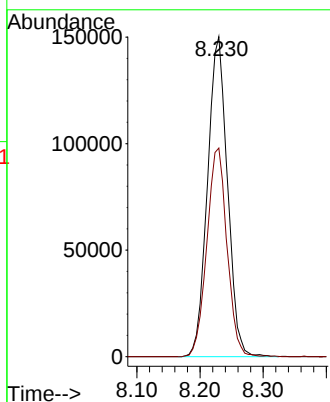
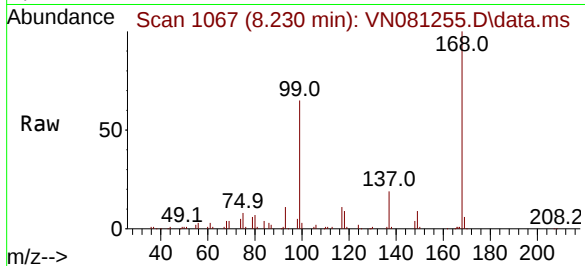




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

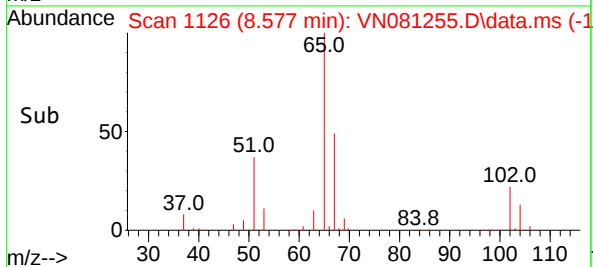
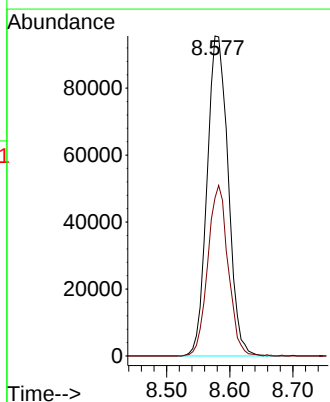
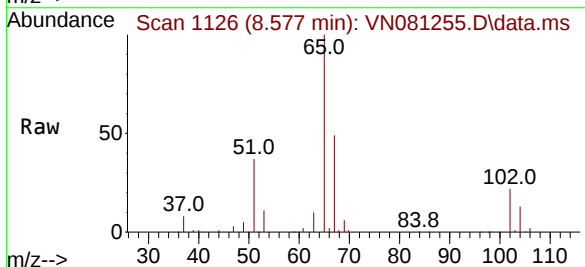
Instrument :
MSVOA_N
ClientSampleId :
1824-A

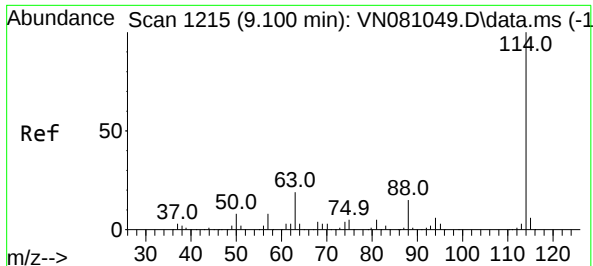
Tgt Ion:168 Resp: 328886
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.860 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion: 65 Resp: 221153
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

1824-A

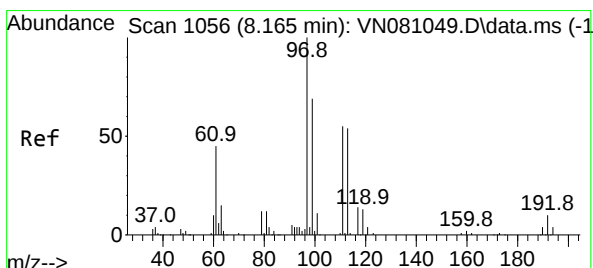
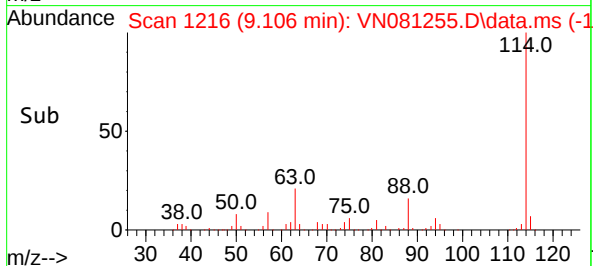
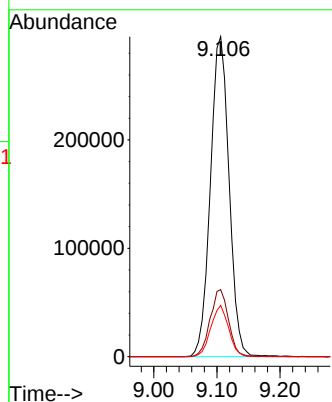
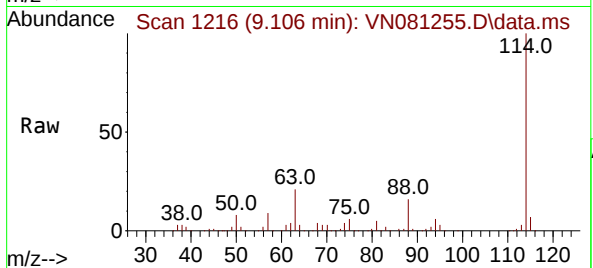
Tgt Ion:114 Resp: 606746

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 16.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.008 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

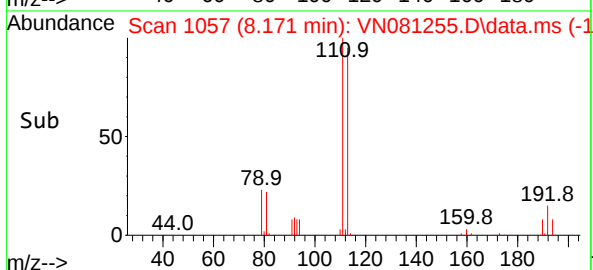
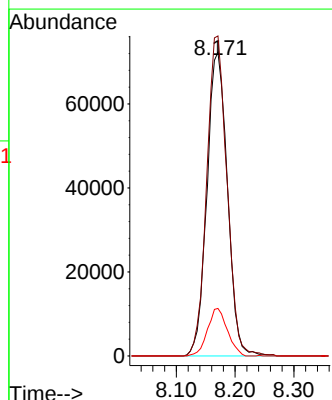
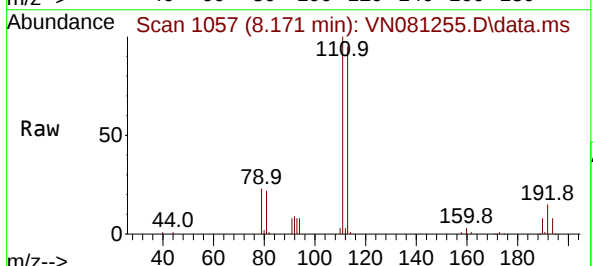
Tgt Ion:113 Resp: 175005

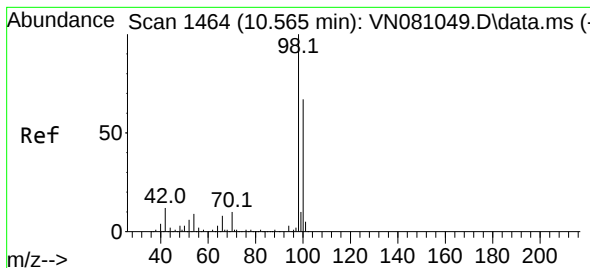
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 15.2 12.5 18.7





#50

Toluene-d8

Concen: 54.894 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

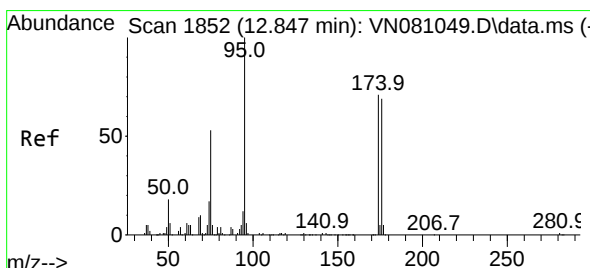
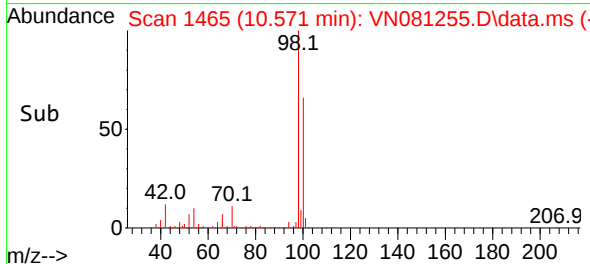
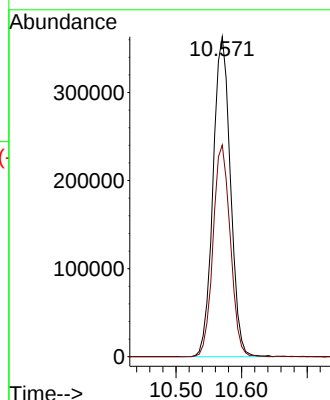
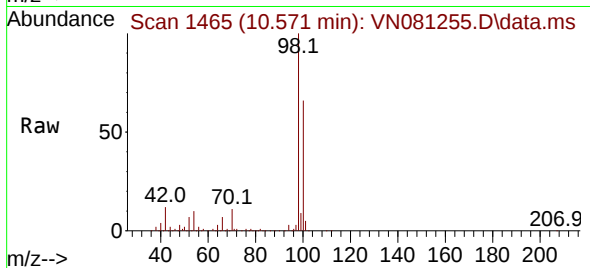
1824-A

Tgt Ion: 98 Resp: 668933

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.461 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

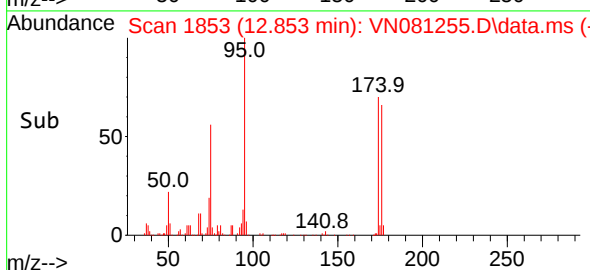
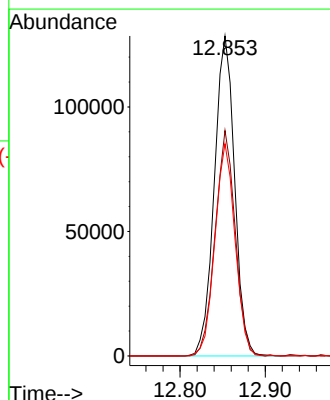
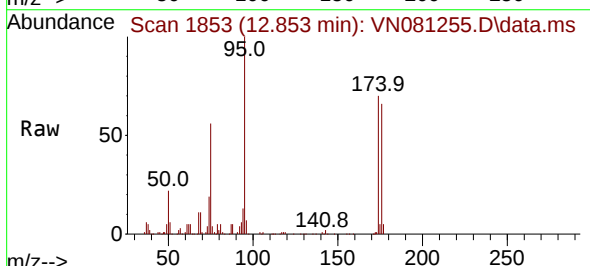
Tgt Ion: 95 Resp: 212739

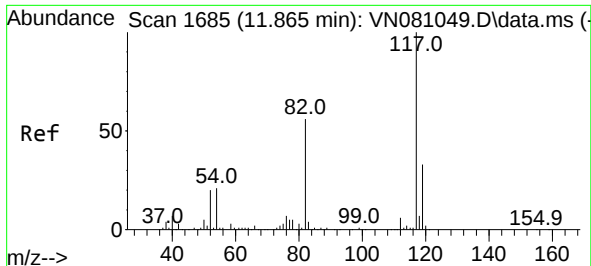
Ion Ratio Lower Upper

95 100

174 69.7 0.0 120.4

176 65.8 0.0 121.0

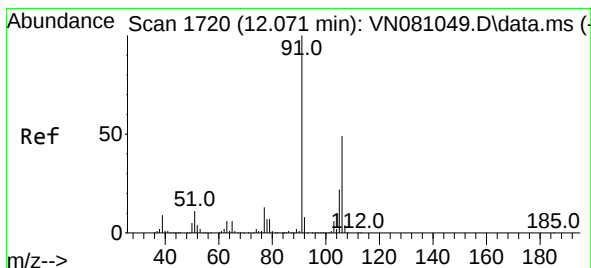
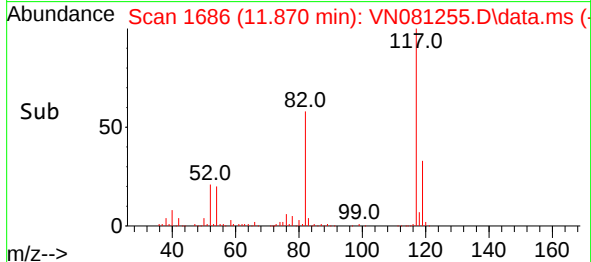
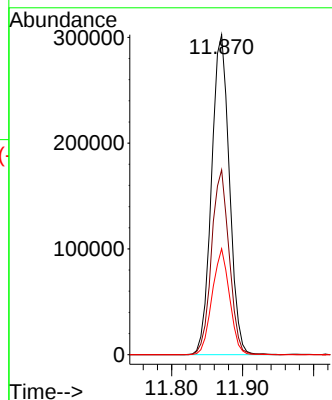
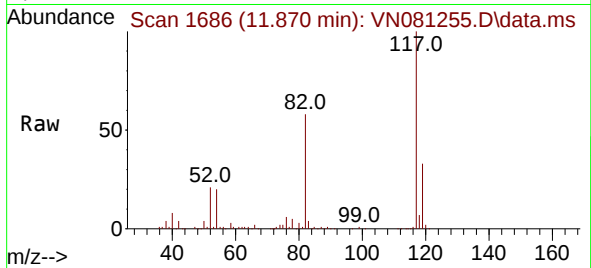




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

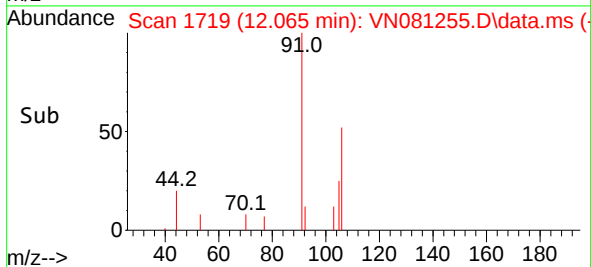
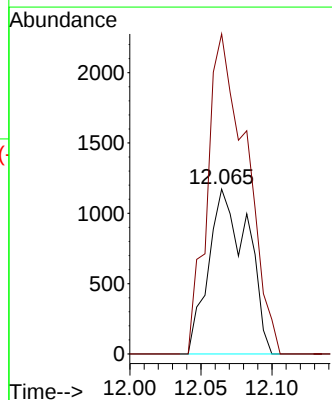
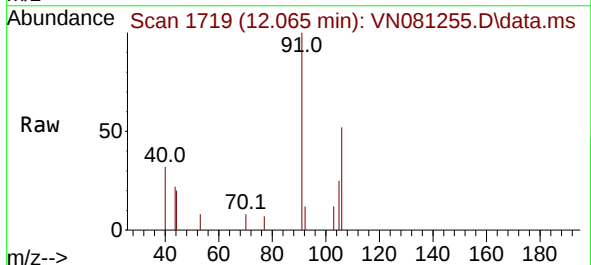
Instrument :
MSVOA_N
ClientSampleId :
1824-A

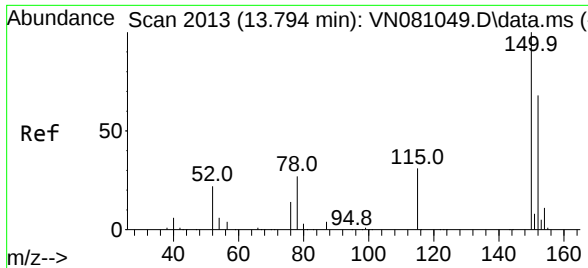
Tgt Ion:117 Resp: 527887
Ion Ratio Lower Upper
117 100
82 57.7 52.7 79.1
119 33.1 25.3 37.9



#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

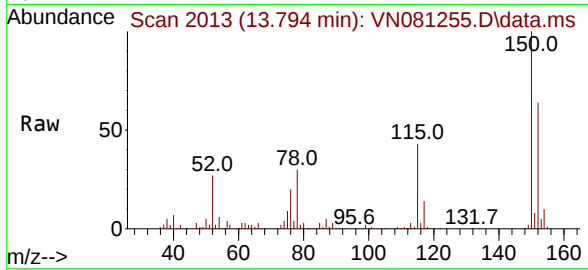
Tgt Ion:106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 193.5 169.0 253.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081255.D
 Acq: 28 Feb 2024 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 1824-A



Tgt Ion:	152	Resp:	207521
Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.3	96.8
150	157.6	0.0	339.8

