

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081257.D
 Acq On : 28 Feb 2024 20:53
 Operator : JC\MD
 Sample : P1587-13 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 122

Quant Time: Feb 28 23:33:06 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)

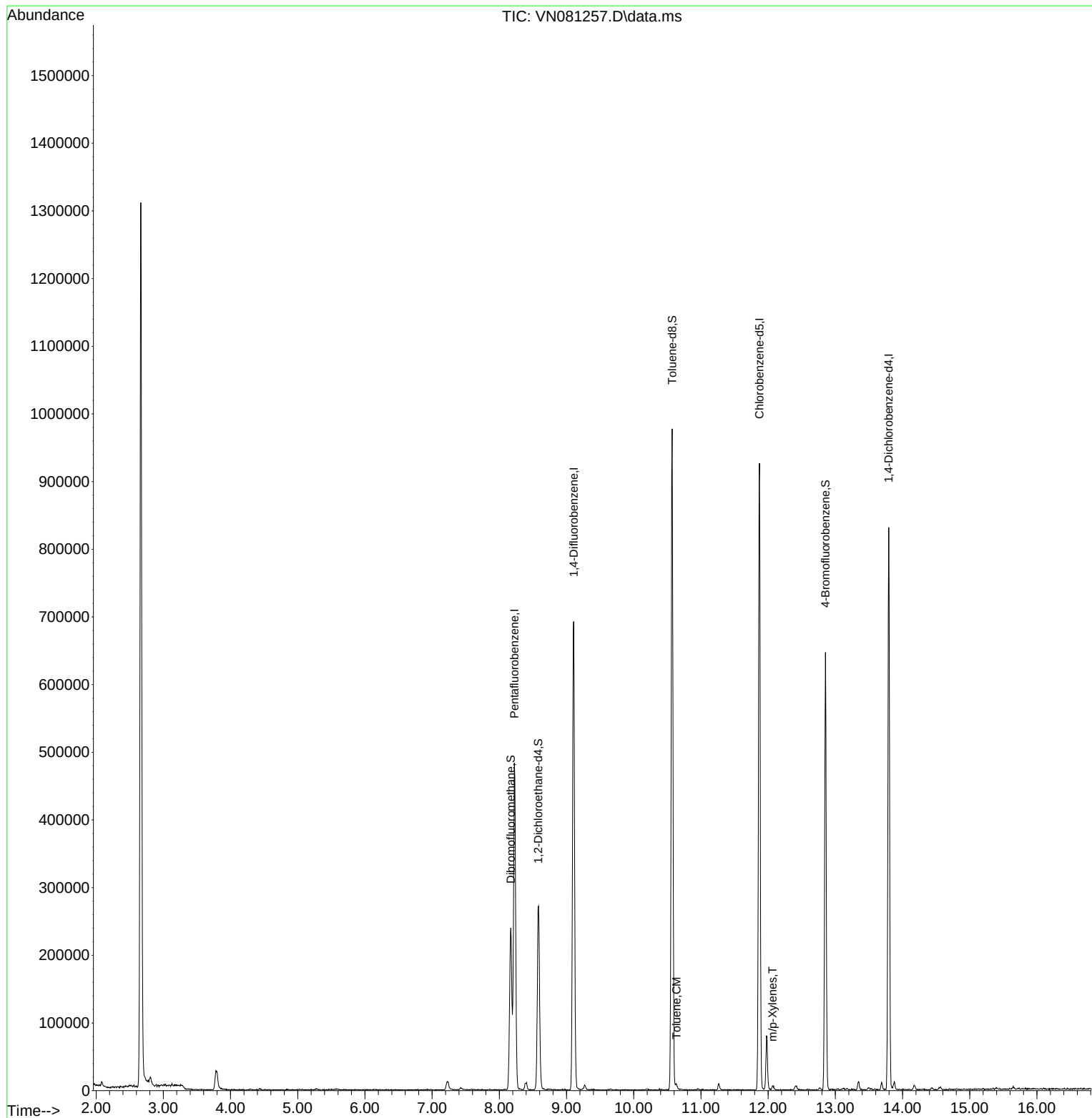
Internal Standards						
1) Pentafluorobenzene	8.224	168	320104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	594407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	528552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	223935	57.074	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.140%
35) Dibromofluoromethane	8.171	113	172234	51.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.571	98	656426	54.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.853	95	217571	48.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%
Target Compounds						
						Qvalue
52) Toluene	10.635	92	3256	0.309	ug/l	98
68) m/p-Xylenes	12.065	106	2600	0.331	ug/l #	70

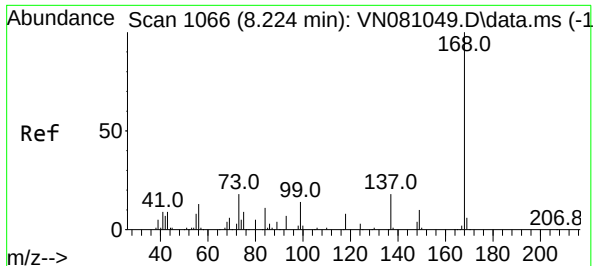
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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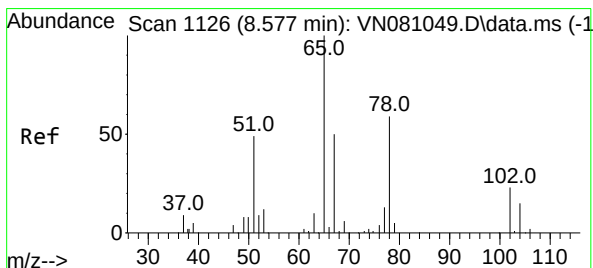
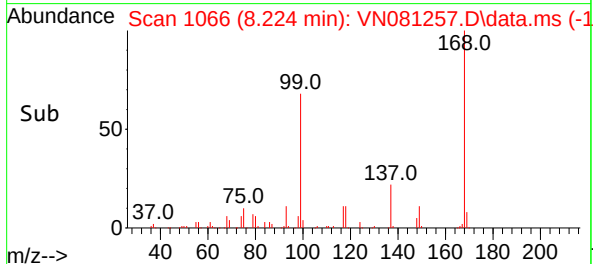
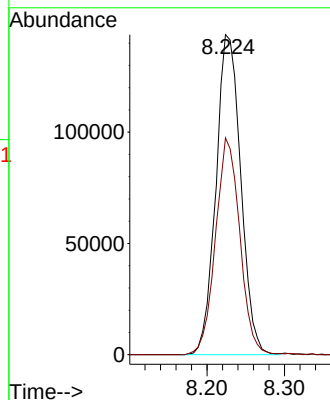
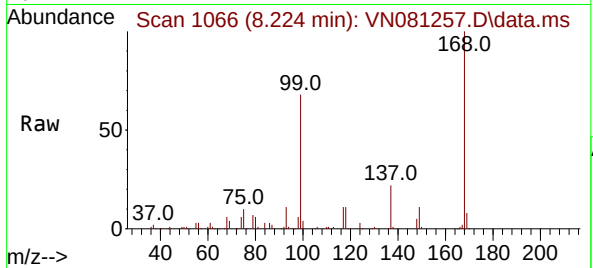




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1122
Delta R.T. -0.000 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

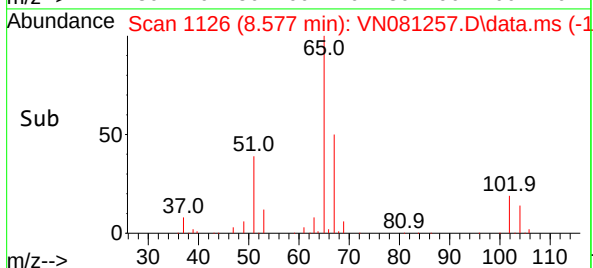
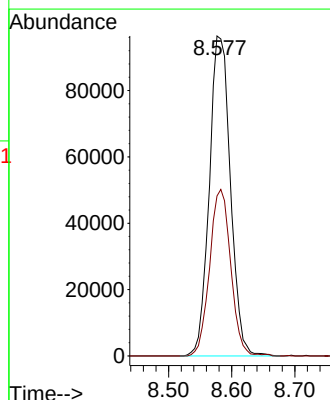
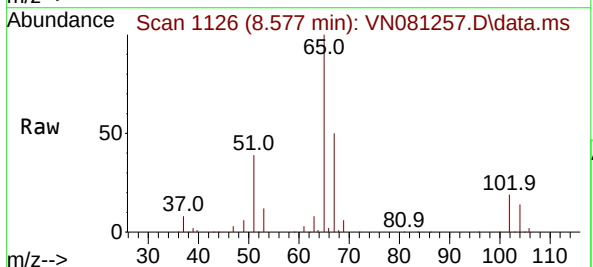
Instrument :
MSVOA_N
ClientSampleId :
122

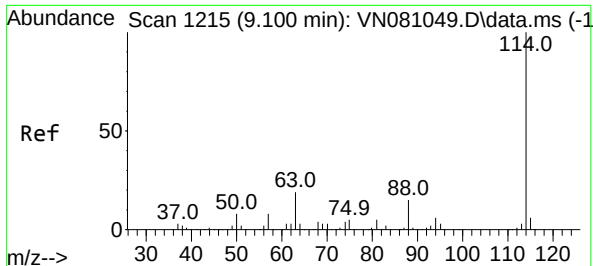
Tgt Ion:168 Resp: 320104
Ion Ratio Lower Upper
168 100
99 67.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 57.074 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

Tgt Ion: 65 Resp: 223935
Ion Ratio Lower Upper
65 100
67 52.0 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: VN081257.D

Acq: 28 Feb 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

122

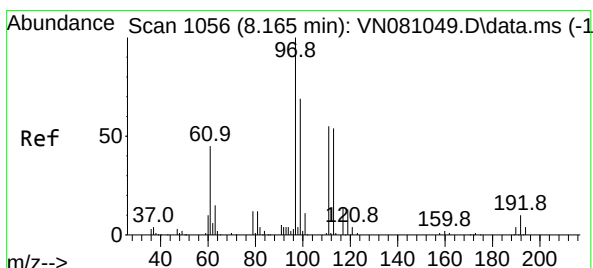
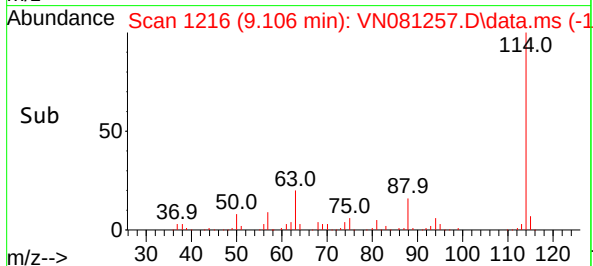
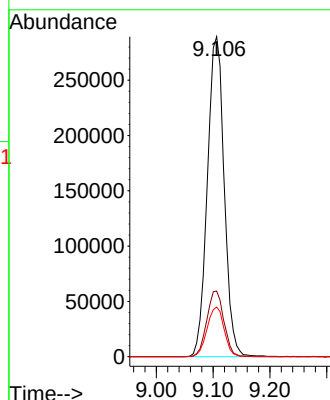
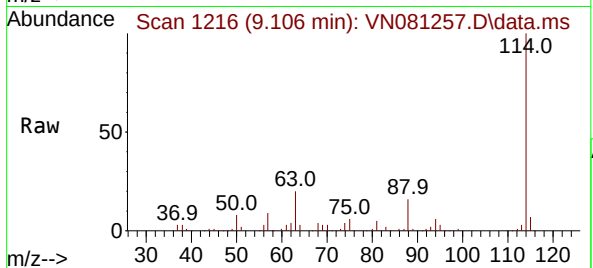
Tgt Ion:114 Resp: 594407

Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.242 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081257.D

Acq: 28 Feb 2024 20:53

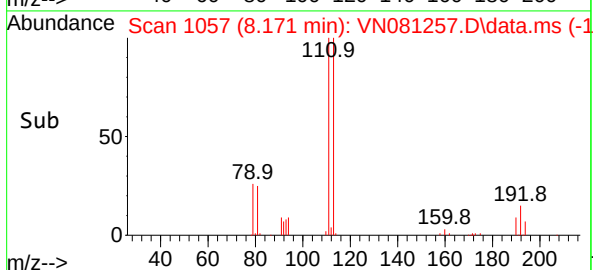
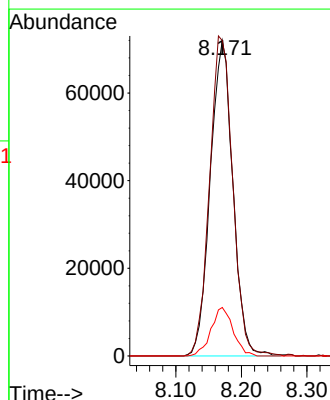
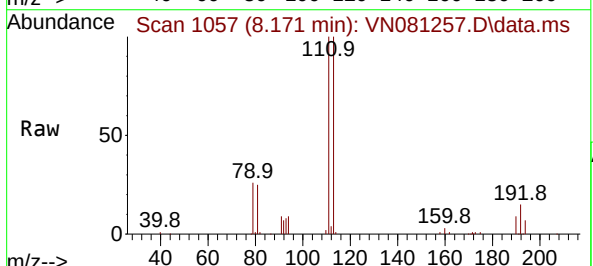
Tgt Ion:113 Resp: 172234

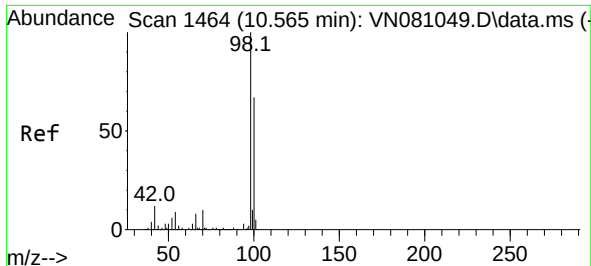
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 15.0 12.5 18.7

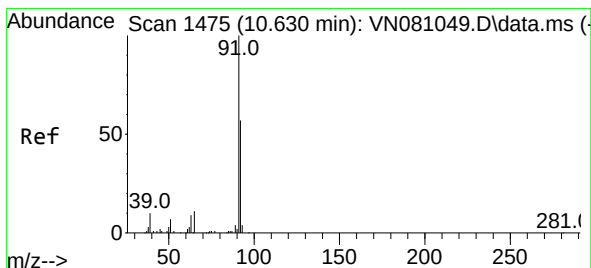
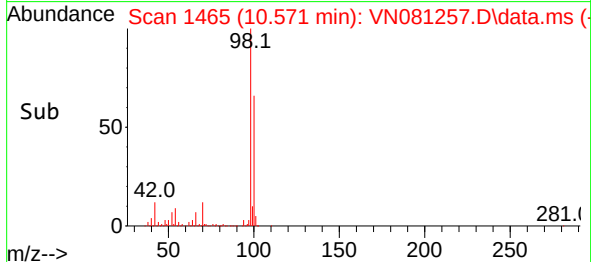
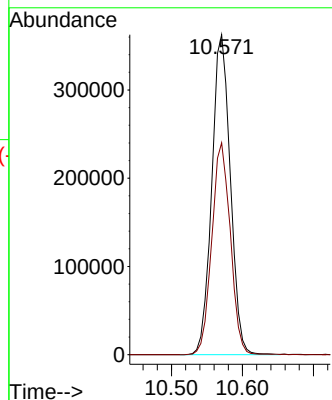
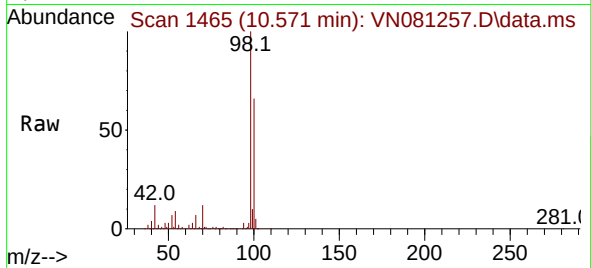




#50
Toluene-d8
Concen: 54.986 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

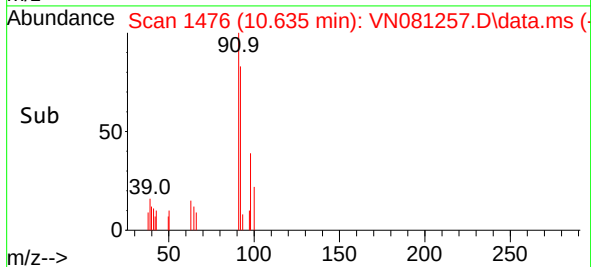
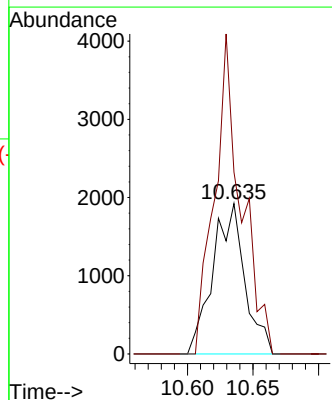
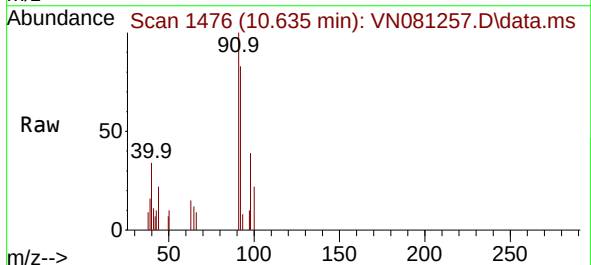
Instrument :
MSVOA_N
ClientSampleId :
122

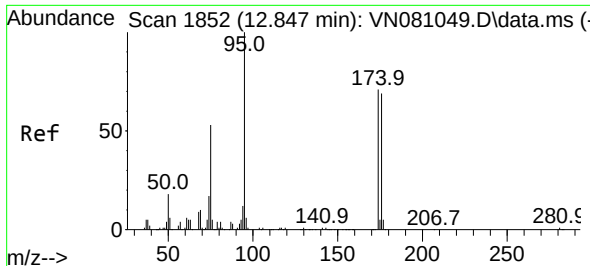
Tgt Ion: 98 Resp: 656426
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#52
Toluene
Concen: 0.309 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

Tgt Ion: 92 Resp: 3256
Ion Ratio Lower Upper
92 100
91 177.5 139.4 209.0

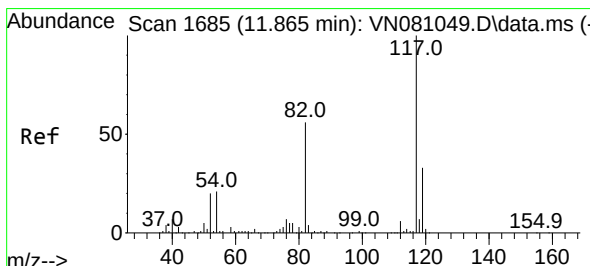
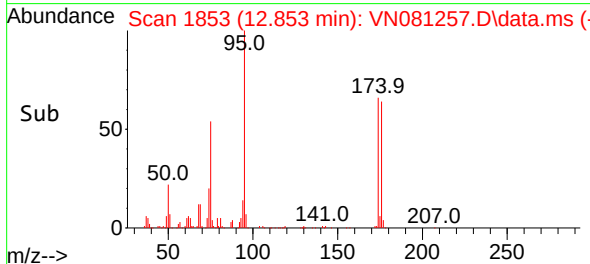
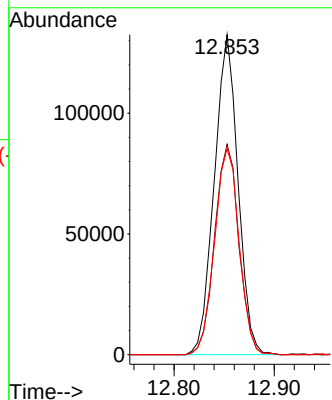
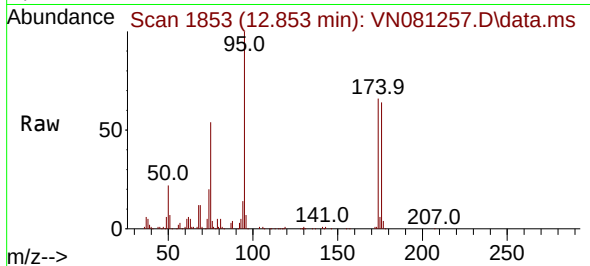




#62
4-Bromofluorobenzene
Concen: 48.503 ug/l
RT: 12.853 min Scan# 1122
Delta R.T. 0.006 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

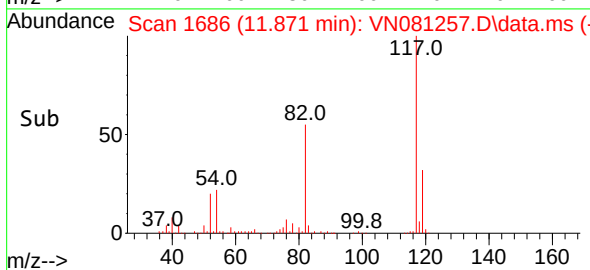
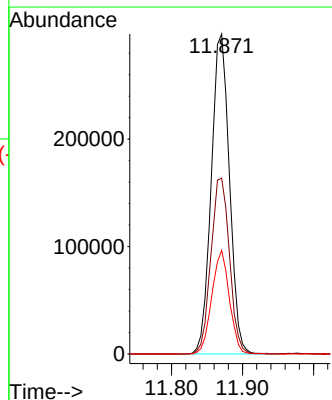
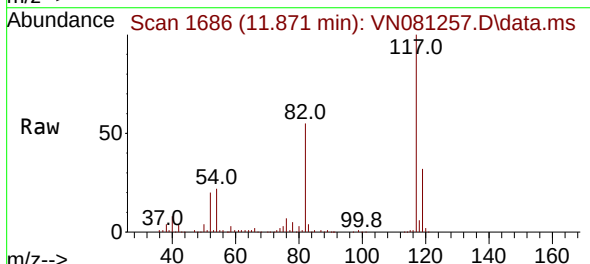
Instrument :
MSVOA_N
ClientSampleId :
122

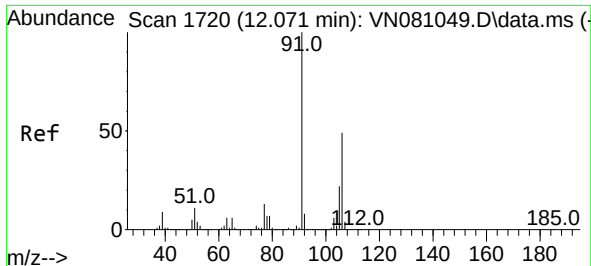
Tgt Ion:	95	Resp:	217571
Ion	Ratio	Lower	Upper
95	100		
174	67.2	0.0	120.4
176	66.6	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

Tgt Ion:	117	Resp:	528552
Ion	Ratio	Lower	Upper
117	100		
82	55.0	52.7	79.1
119	32.4	25.3	37.9

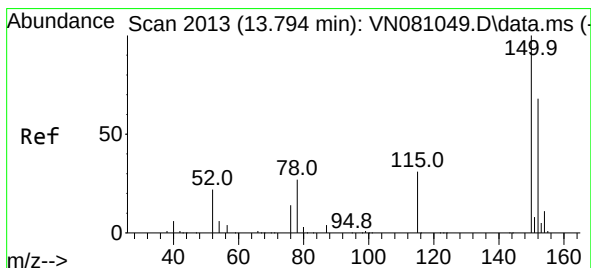
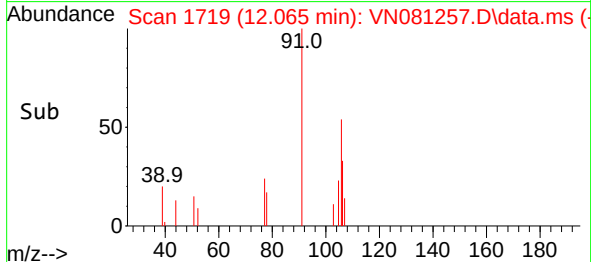
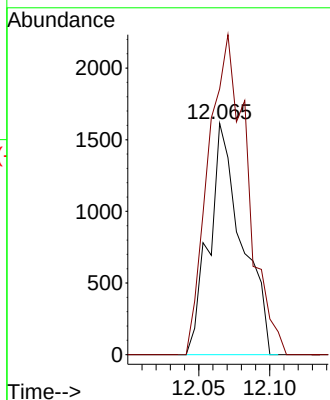
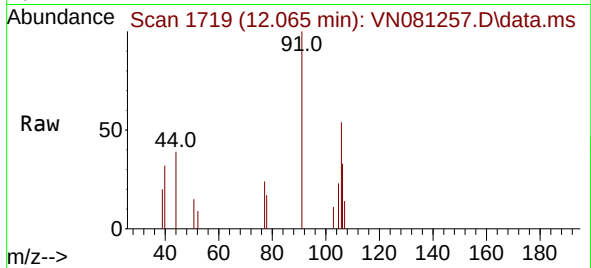




#68
m/p-Xylenes
Concen: 0.331 ug/l
RT: 12.065 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

Instrument :
MSVOA_N
ClientSampleId :
122

Tgt Ion:106 Resp: 2600
Ion Ratio Lower Upper
106 100
91 164.4 169.0 253.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081257.D
Acq: 28 Feb 2024 20:53

Tgt Ion:152 Resp: 209025
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 158.7 0.0 339.8

