

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081164.D
 Acq On : 23 Feb 2024 17:20
 Operator : JC\MD
 Sample : VN0223WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBL03

Quant Time: Feb 23 22:01:00 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	279780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	465513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185000	53.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.900%
35) Dibromofluoromethane	8.171	113	149935	48.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.571	98	480977	44.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.853	95	172701	42.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.580%

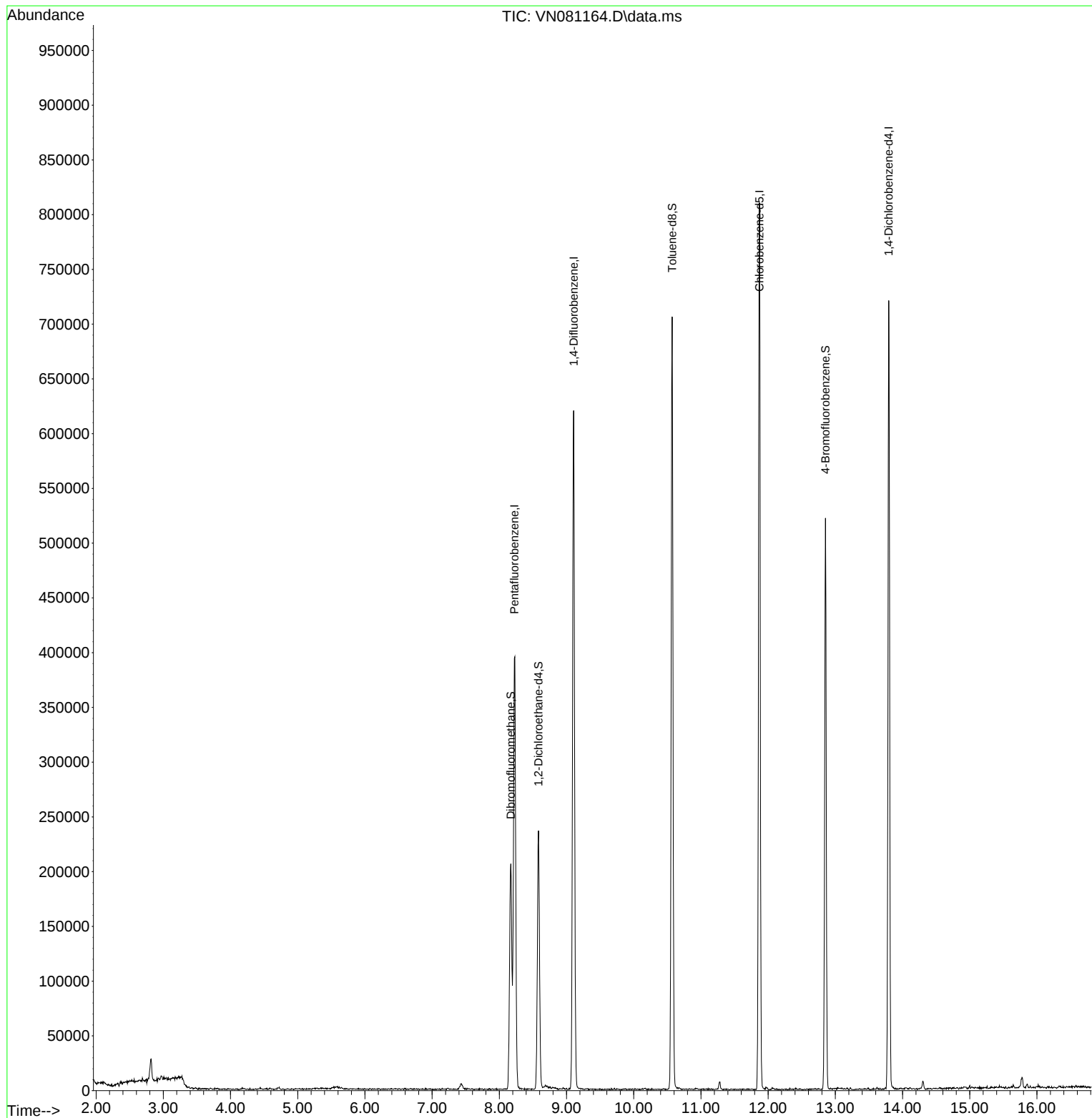
Target Compounds	Qvalue

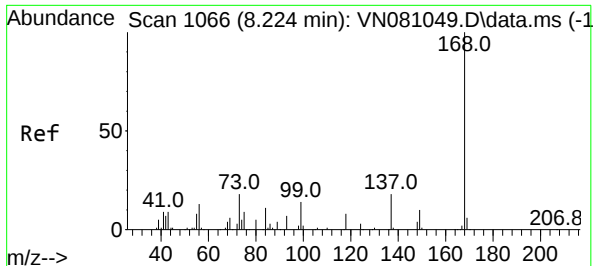
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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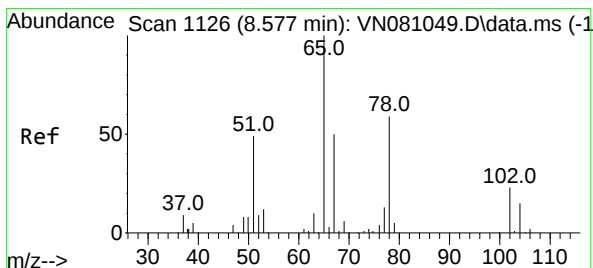
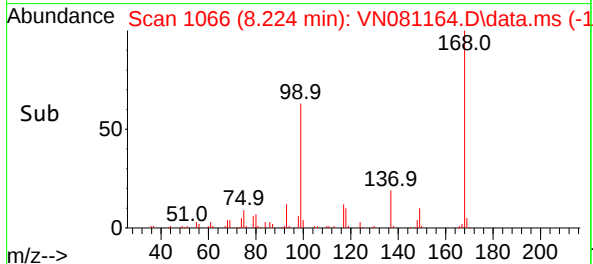
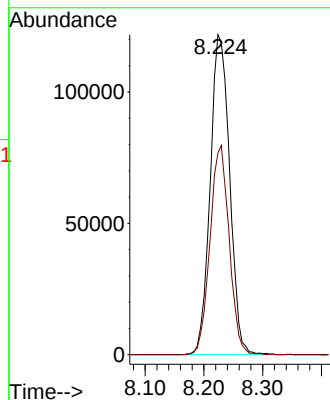
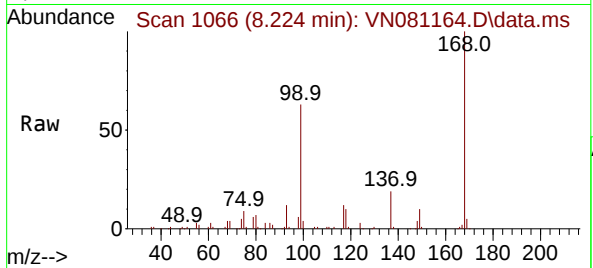




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

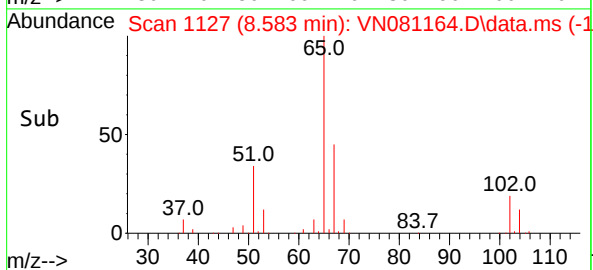
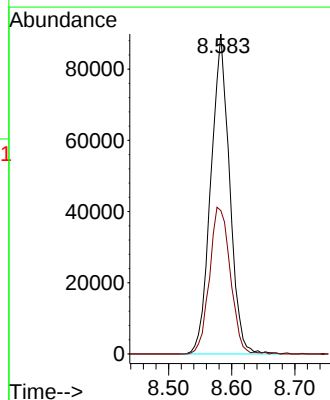
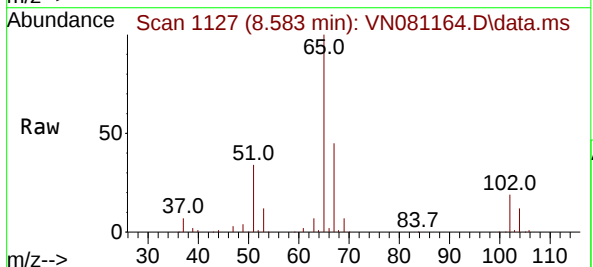
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL03

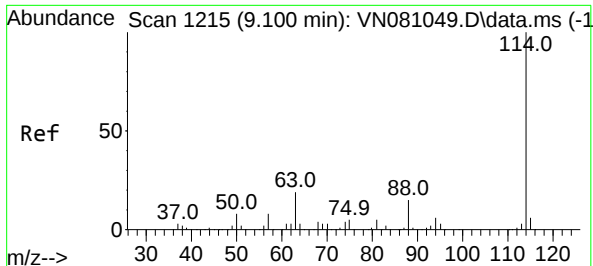
Tgt Ion:168 Resp: 279780
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.947 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

Tgt Ion: 65 Resp: 185000
Ion Ratio Lower Upper
65 100
67 51.1 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: VN081164.D

Acq: 23 Feb 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBL03

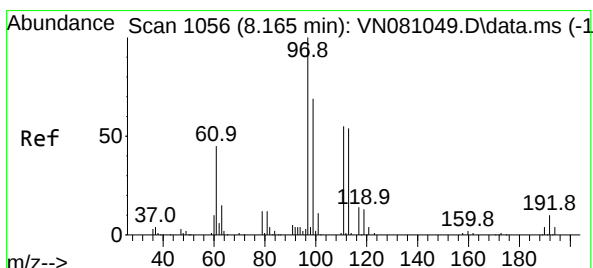
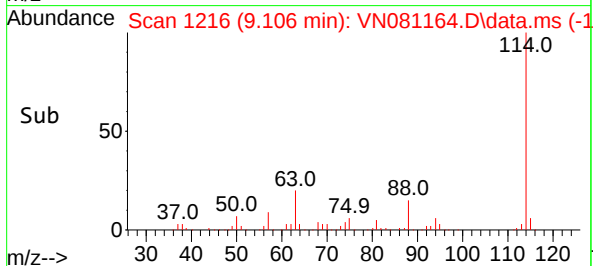
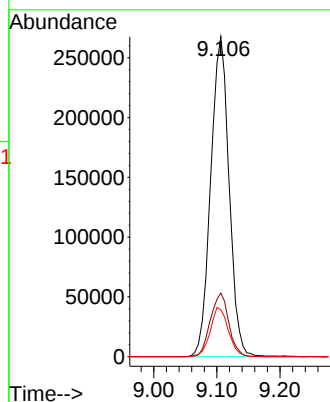
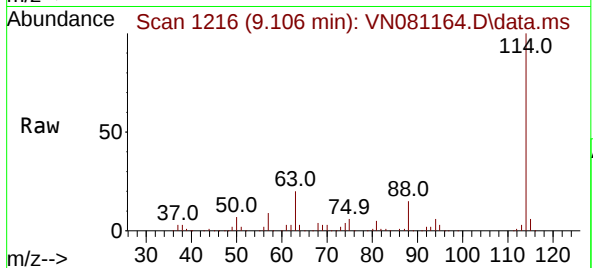
Tgt Ion:114 Resp: 541170

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.996 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081164.D

Acq: 23 Feb 2024 17:20

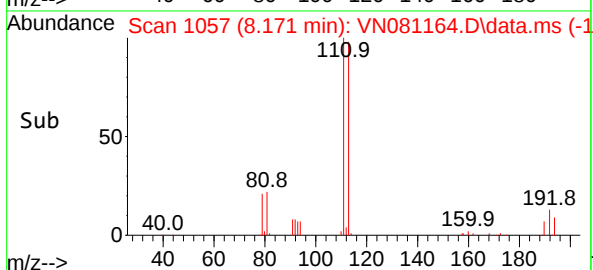
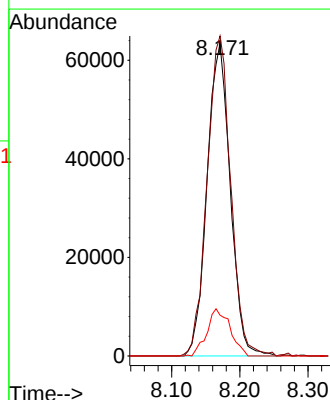
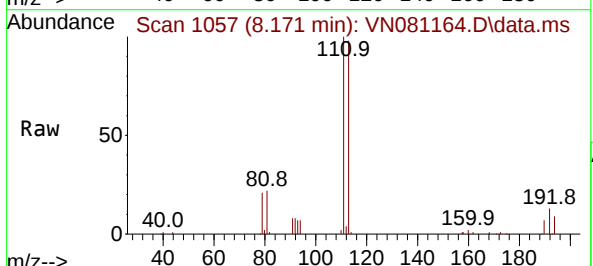
Tgt Ion:113 Resp: 149935

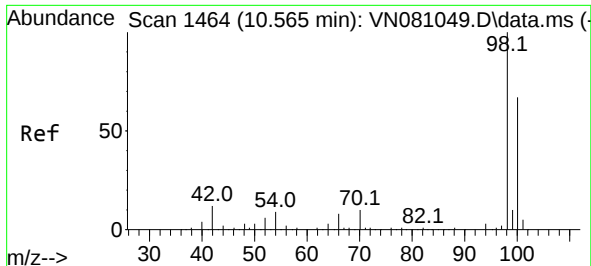
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 15.1 12.5 18.7

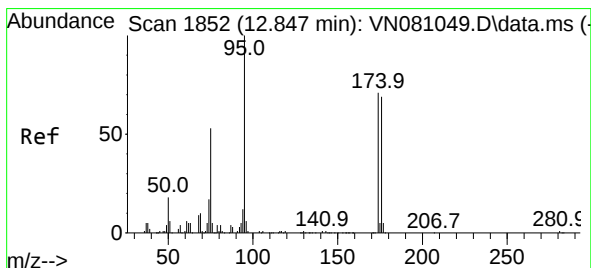
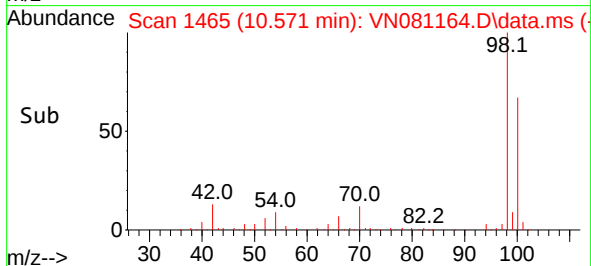
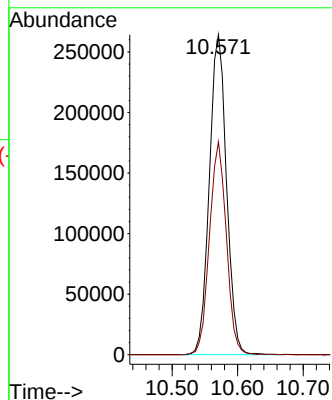
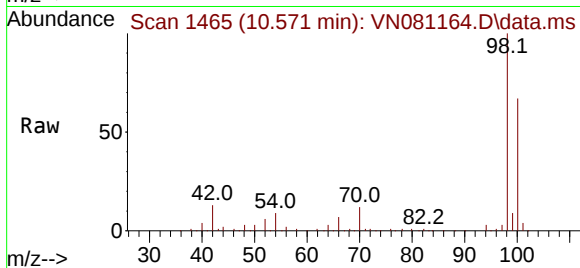




#50
Toluene-d8
Concen: 44.253 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

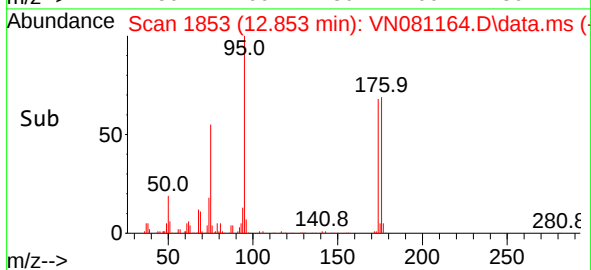
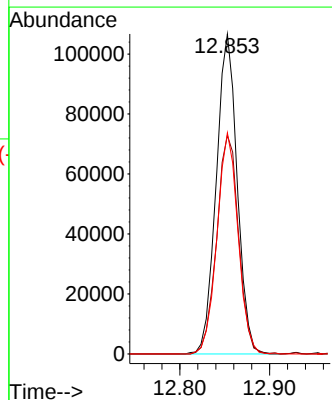
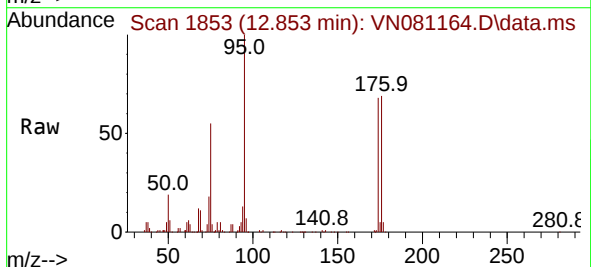
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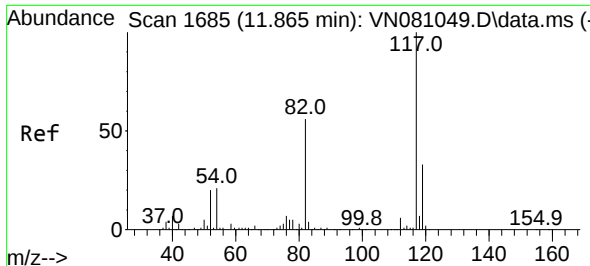
Tgt Ion: 98 Resp: 480977
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.287 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

Tgt Ion: 95 Resp: 172701
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 69.4 0.0 121.0

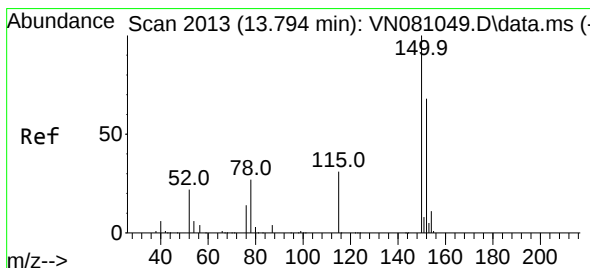
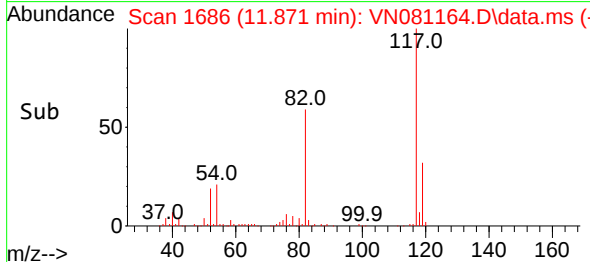
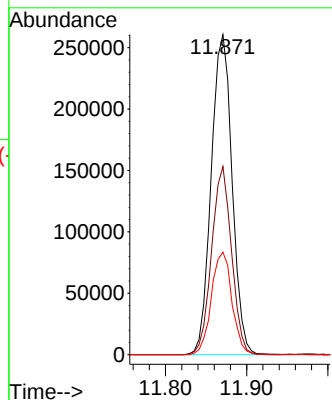
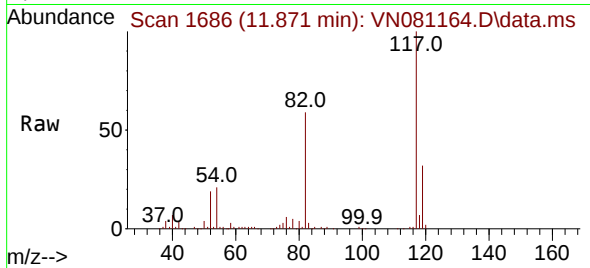




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL03

Tgt Ion:117 Resp: 465513
Ion Ratio Lower Upper
117 100
82 58.8 52.7 79.1
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081164.D
Acq: 23 Feb 2024 17:20

Tgt Ion:152 Resp: 184112
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 158.2 0.0 339.8

