

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081121.D
 Acq On : 21 Feb 2024 15:33
 Operator : JC\MD
 Sample : P1546-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1332

Quant Time: Feb 22 04:48:18 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	330662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	629926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	536365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198122	48.883	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.171	113	167569	47.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	10.571	98	549609	43.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.880%
62) 4-Bromofluorobenzene	12.847	95	201768	42.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.880%

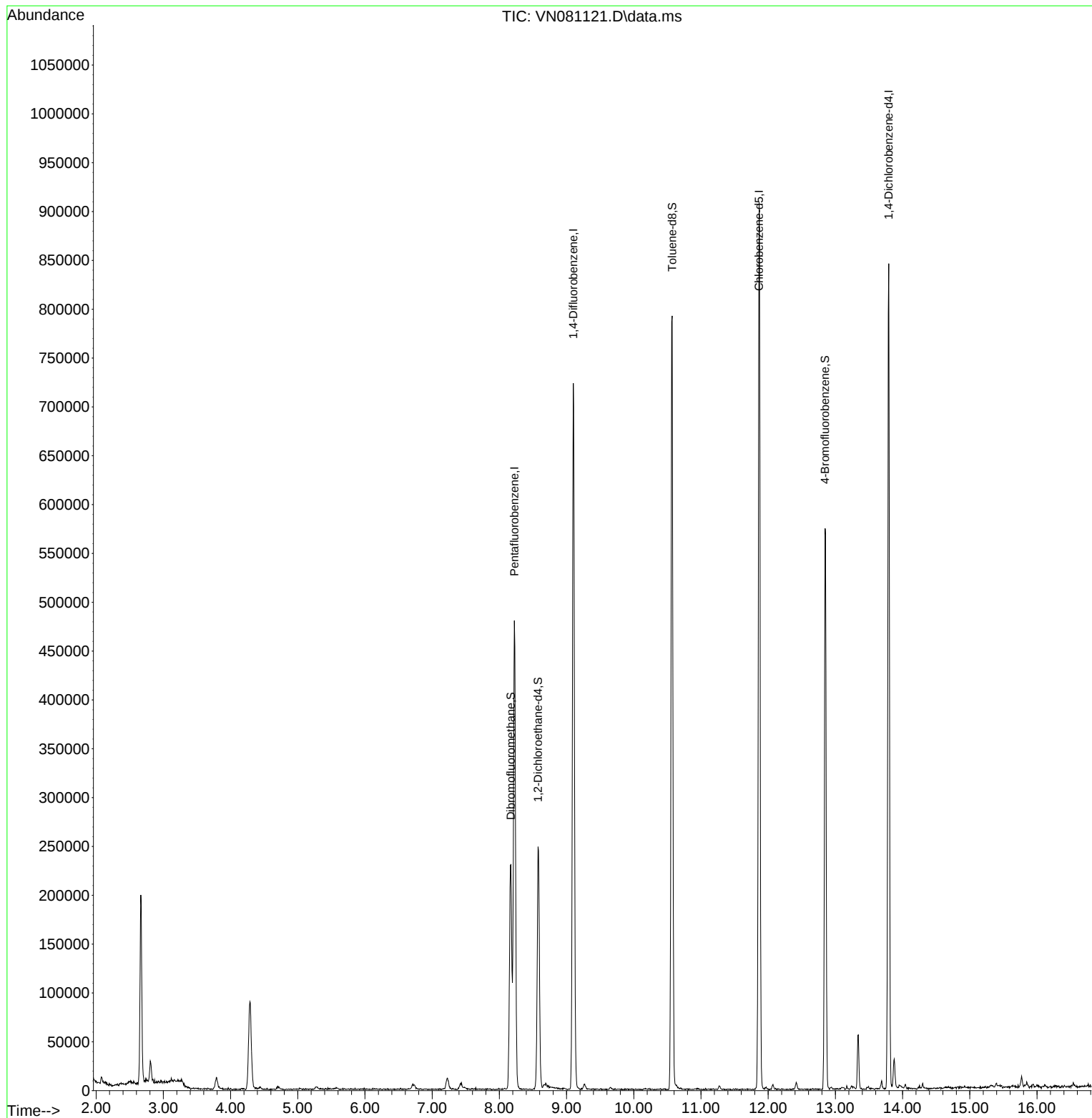
Target Compounds	Qvalue

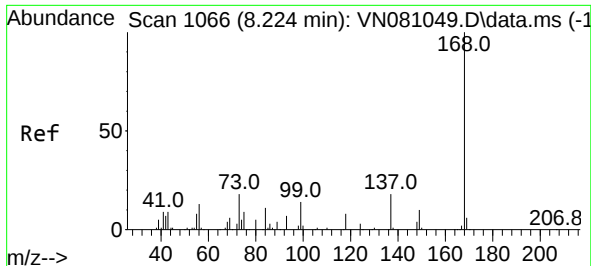
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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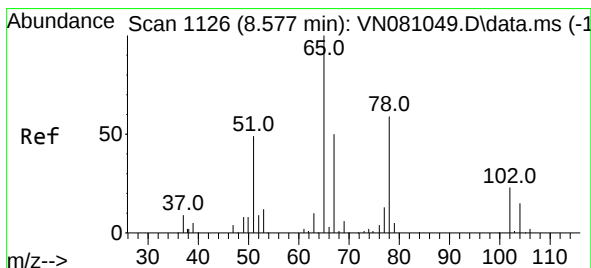
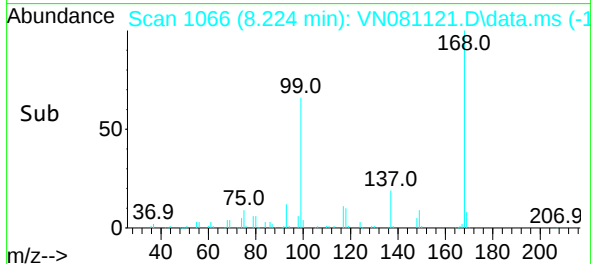
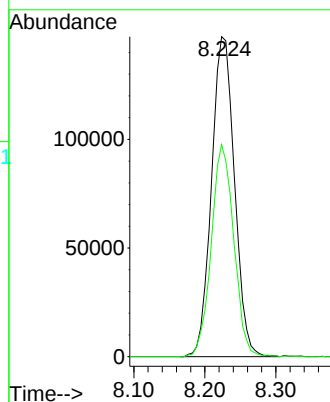
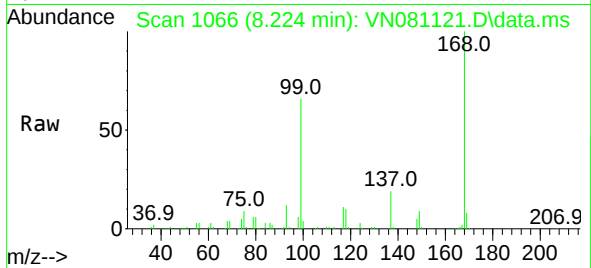




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081121.D
Acq: 21 Feb 2024 15:33

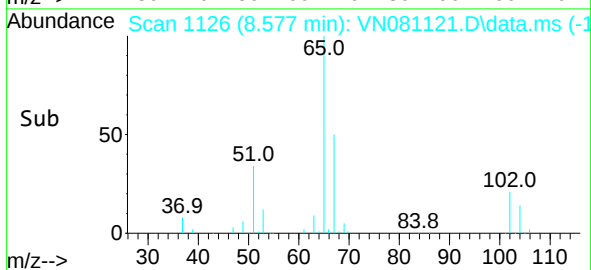
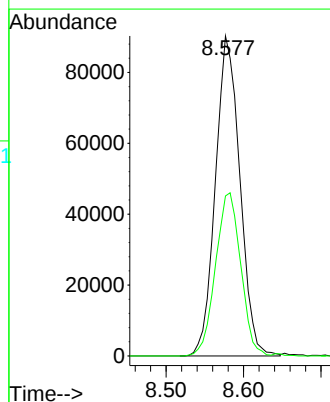
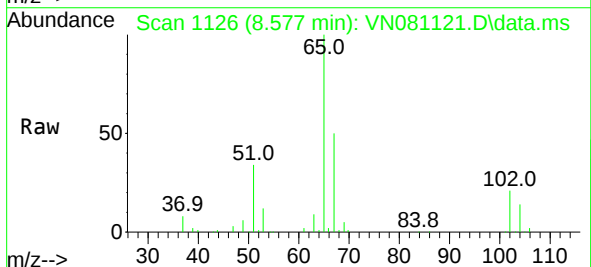
Instrument :
MSVOA_N
ClientSampleId :
1332

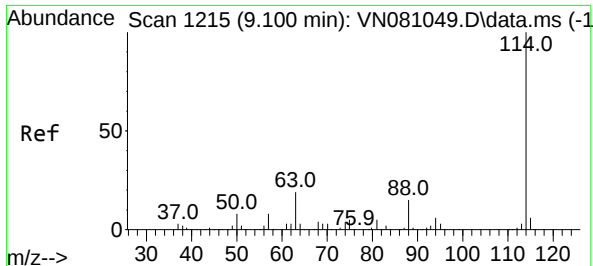
Tgt Ion:168 Resp: 330662
Ion Ratio Lower Upper
168 100
99 66.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.883 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081121.D
Acq: 21 Feb 2024 15:33

Tgt Ion: 65 Resp: 198122
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081121.D

Acq: 21 Feb 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

1332

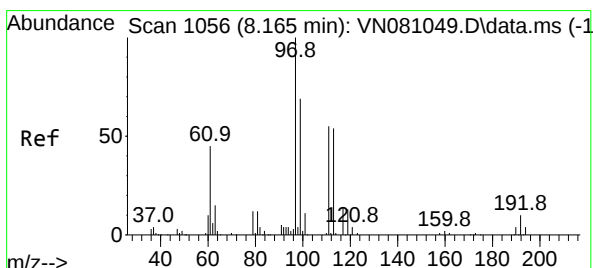
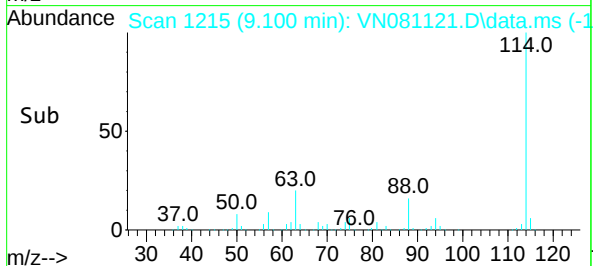
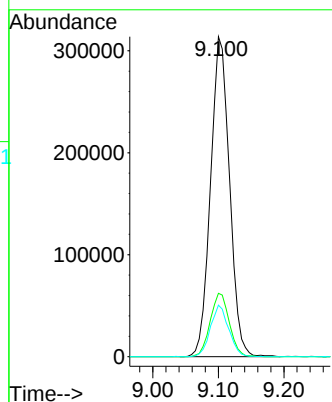
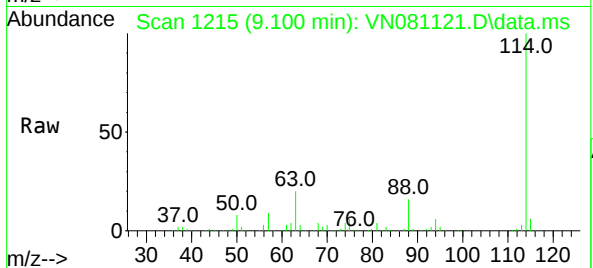
Tgt Ion:114 Resp: 629926

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.043 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081121.D

Acq: 21 Feb 2024 15:33

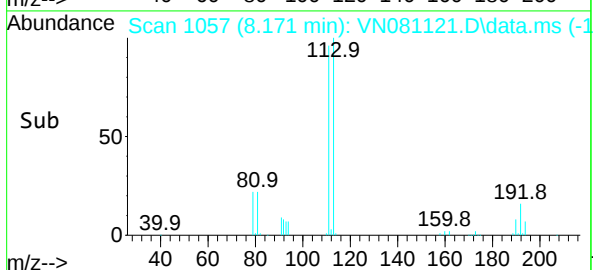
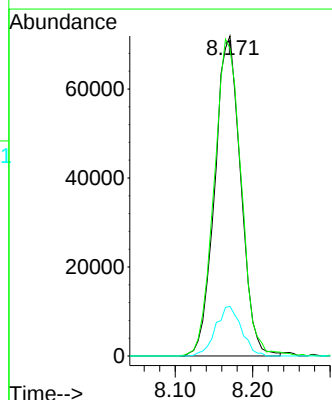
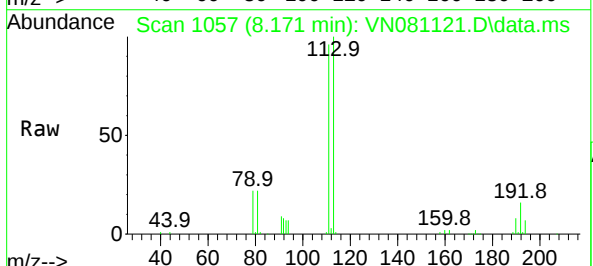
Tgt Ion:113 Resp: 167569

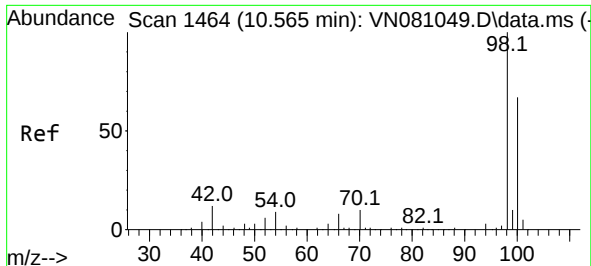
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 15.4 12.5 18.7

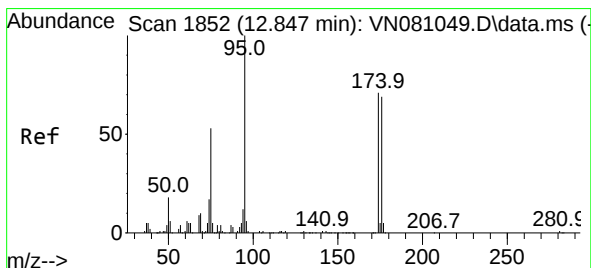
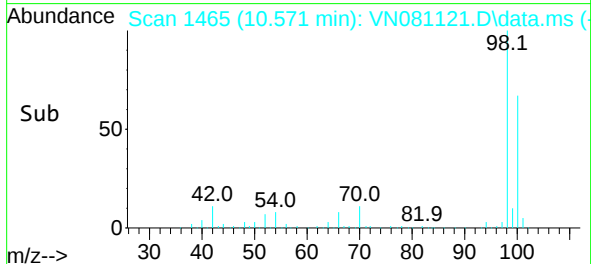
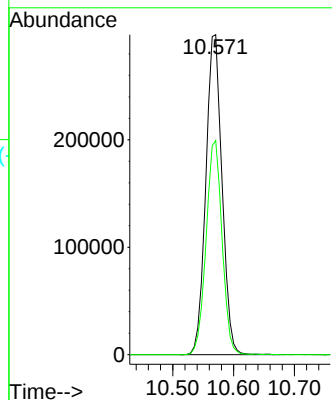
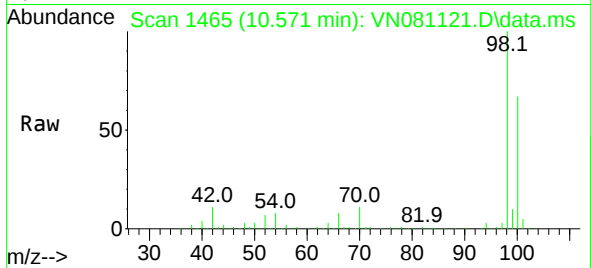




#50
Toluene-d8
Concen: 43.443 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081121.D
Acq: 21 Feb 2024 15:33

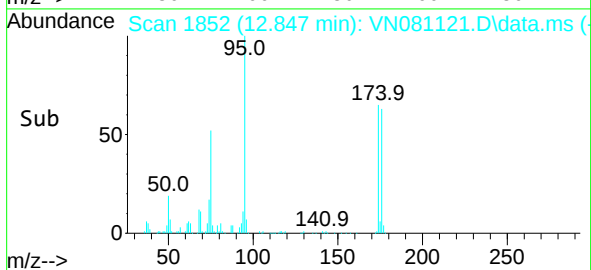
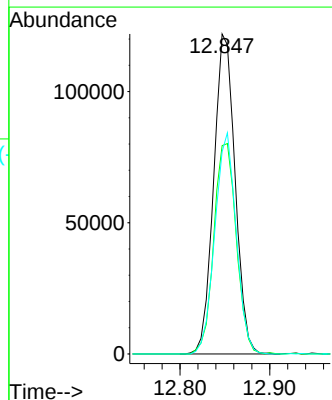
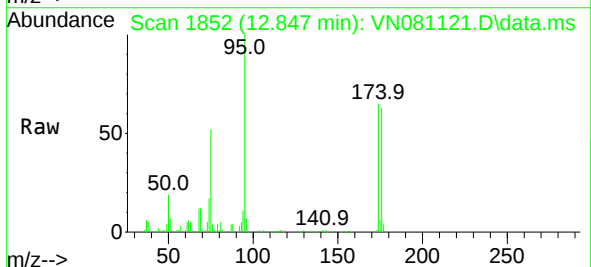
Instrument :
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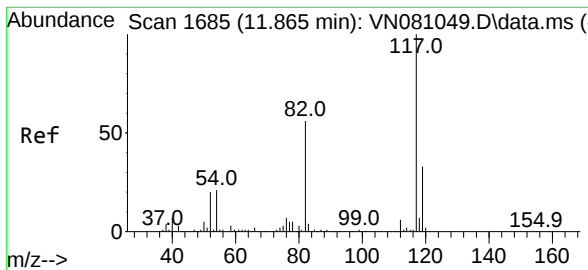
Tgt Ion: 98 Resp: 549609
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.443 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081121.D
Acq: 21 Feb 2024 15:33

Tgt Ion: 95 Resp: 201768
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 69.0 0.0 121.0

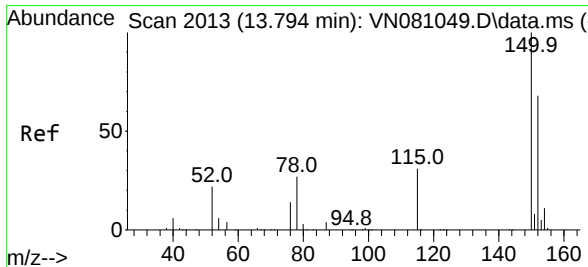
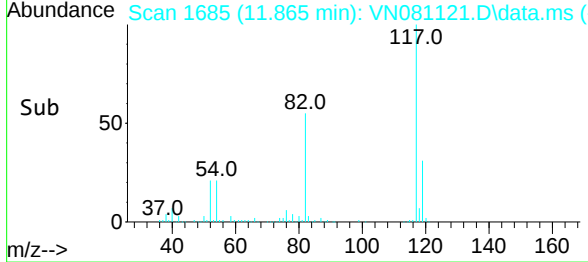
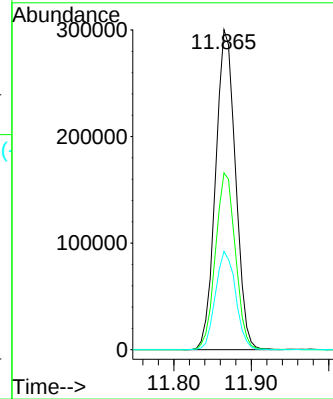
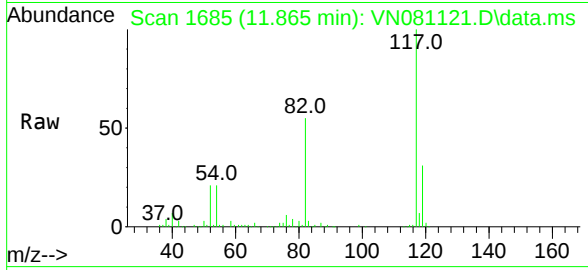




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081121.D
Acq: 21 Feb 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :
1332

Tgt Ion:	117	Resp:	536365
Ion Ratio	Lower	Upper	
117	100		
82	55.3	52.7	79.1
119	30.7	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: VN081121.D
Acq: 21 Feb 2024 15:33

Tgt Ion:	152	Resp:	221976
Ion Ratio	Lower	Upper	
152	100		
115	63.1	32.3	96.8
150	155.7	0.0	339.8

