

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081217.D
 Acq On : 27 Feb 2024 14:22
 Operator : JC\MD
 Sample : P1577-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240221

Quant Time: Feb 28 04:17:53 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)

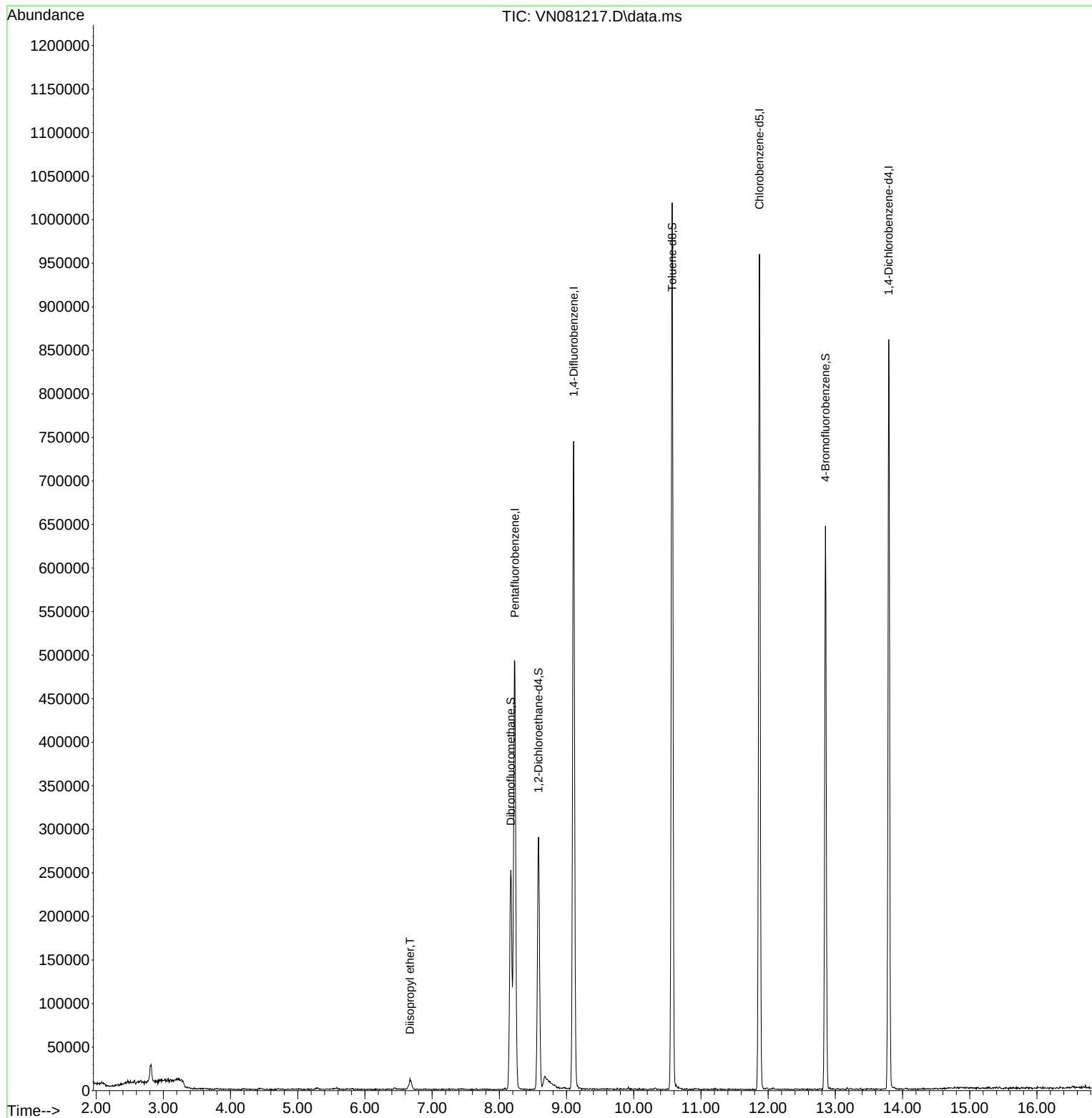
Internal Standards						
1) Pentafluorobenzene	8.230	168	339568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	632619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227040	54.549	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	109.100%	
35) Dibromofluoromethane	8.171	113	178845	49.995	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.980%	
50) Toluene-d8	10.571	98	677353	53.312	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.620%	
62) 4-Bromofluorobenzene	12.853	95	227420	47.636	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.280%	
Target Compounds						
22) Diisopropyl ether	6.671	45	12414	0.960	ug/l	Qvalue 95

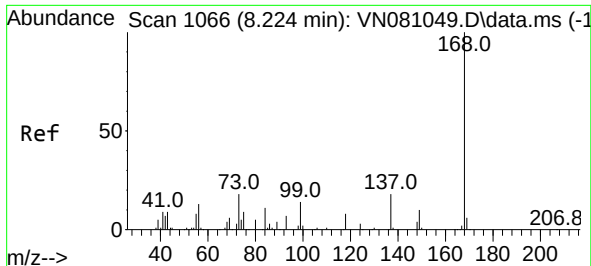
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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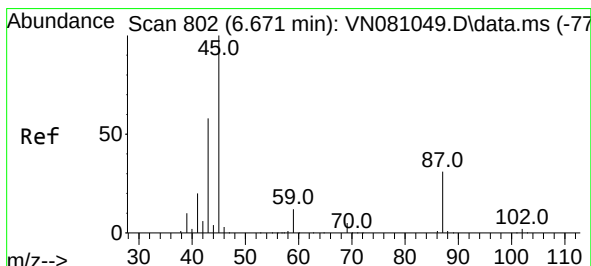
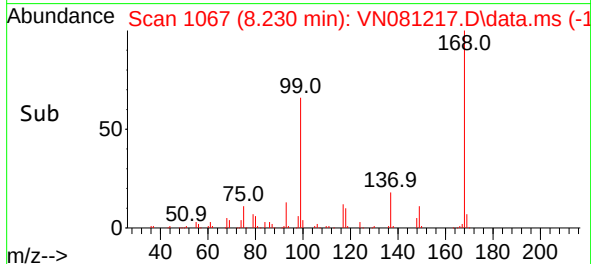
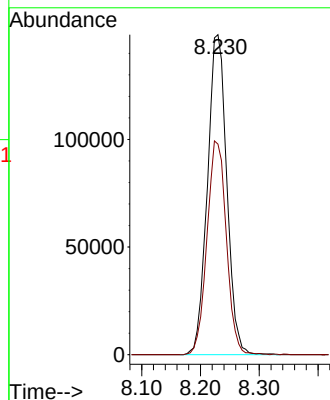
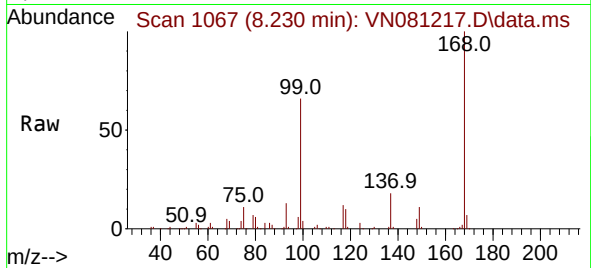




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

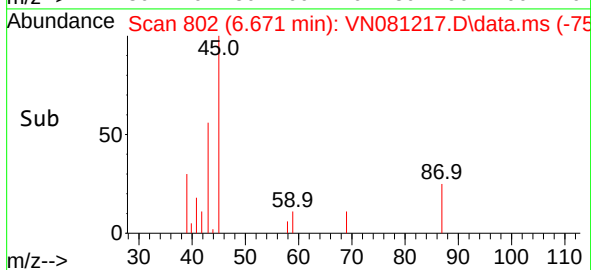
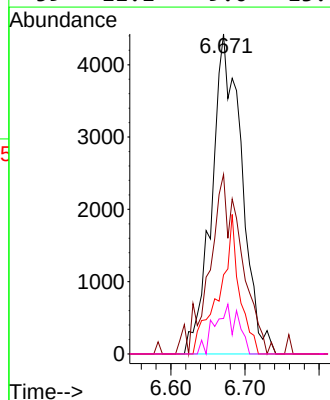
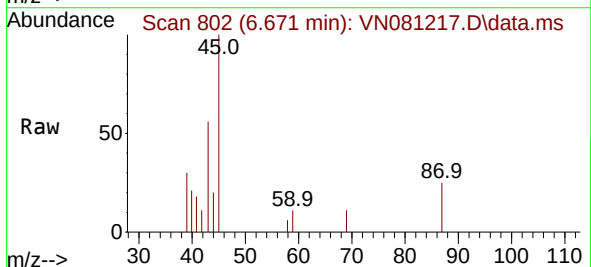
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

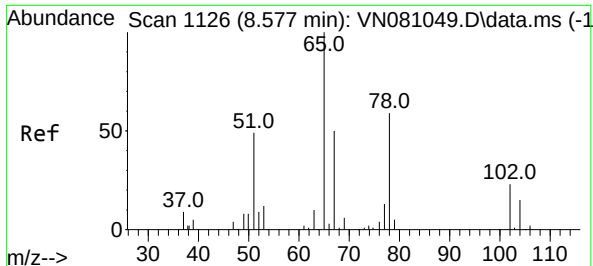
Tgt Ion:168 Resp: 339568
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#22
Diisopropyl ether
Concen: 0.960 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 45 Resp: 12414
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.8
87 24.7 18.1 27.1
59 11.1 9.0 13.6





#33

1,2-Dichloroethane-d4

Concen: 54.549 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

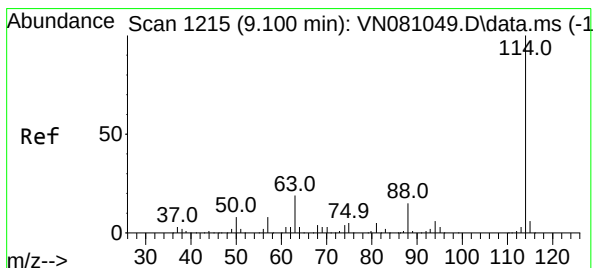
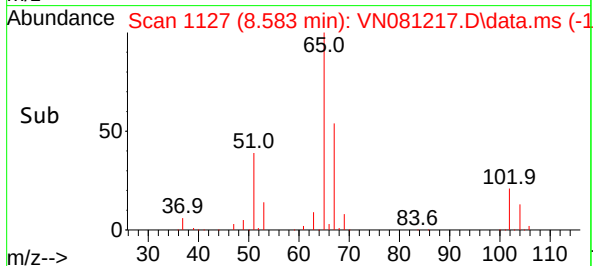
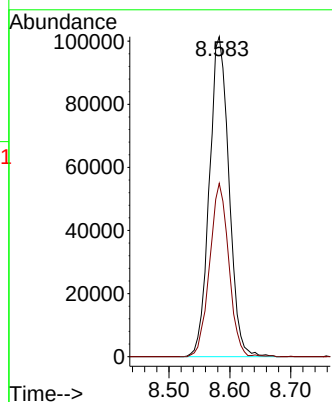
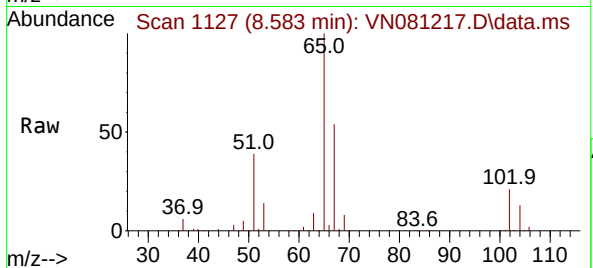
DUP07-20240221

Tgt Ion: 65 Resp: 227040

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

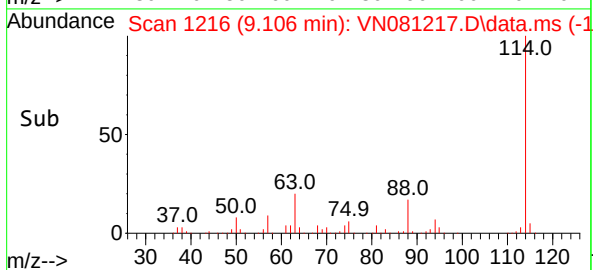
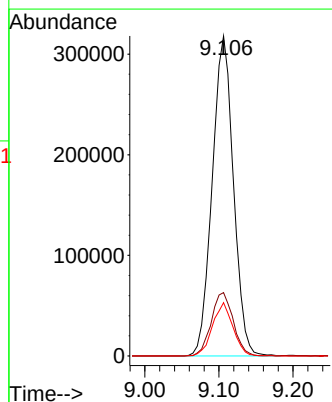
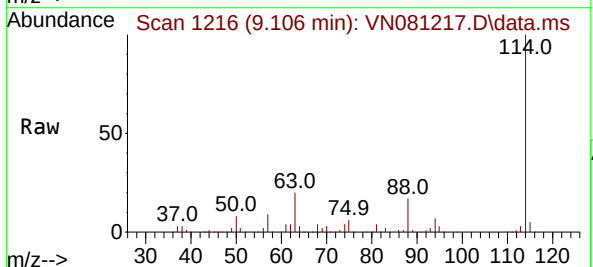
Tgt Ion: 114 Resp: 632619

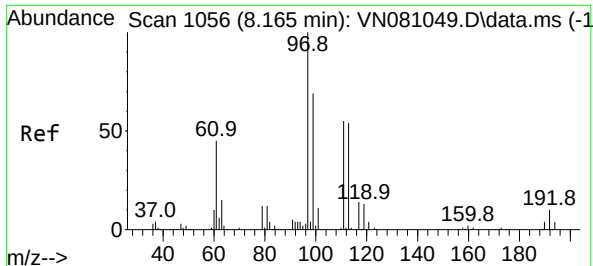
Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 16.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.995 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

DUP07-20240221

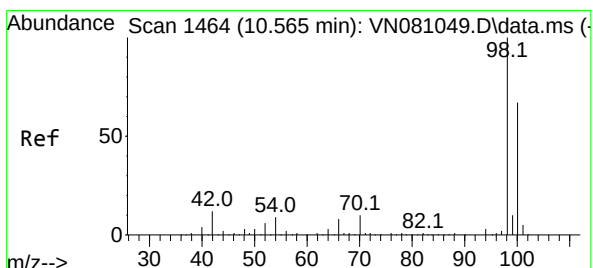
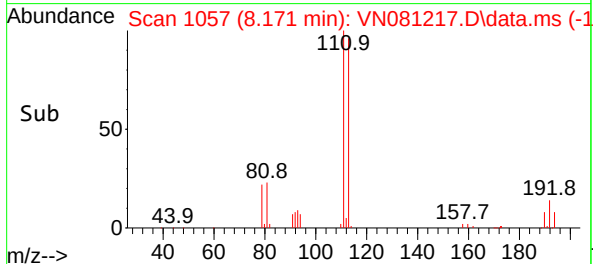
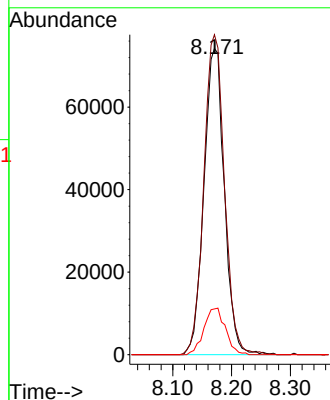
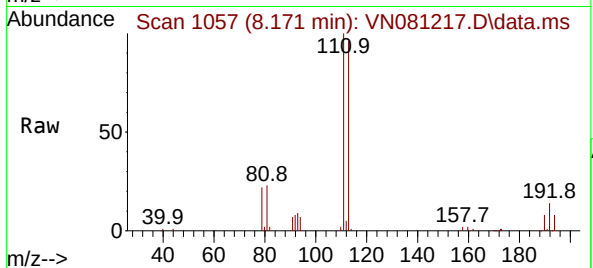
Tgt Ion:113 Resp: 178845

Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 16.0 12.5 18.7



#50

Toluene-d8

Concen: 53.312 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081217.D

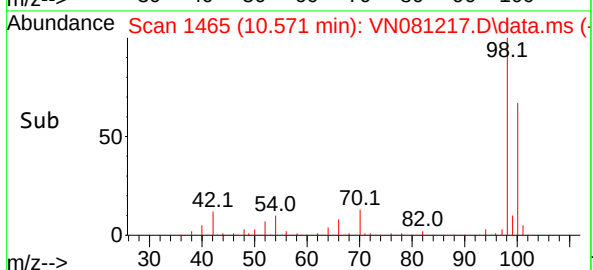
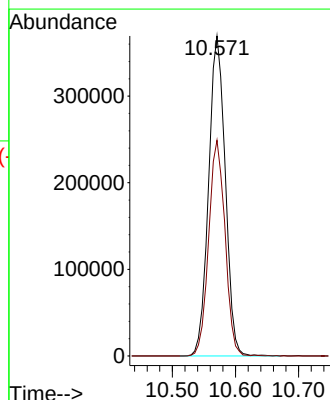
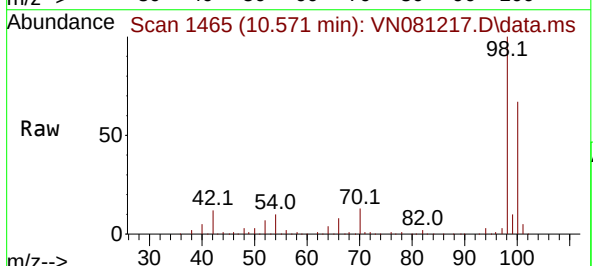
Acq: 27 Feb 2024 14:22

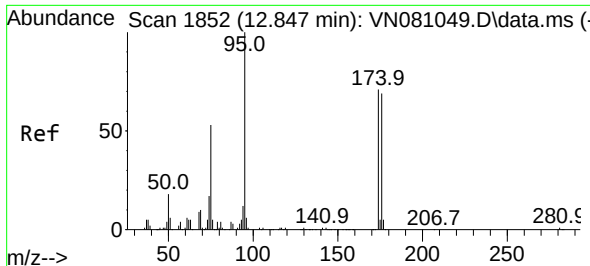
Tgt Ion: 98 Resp: 677353

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

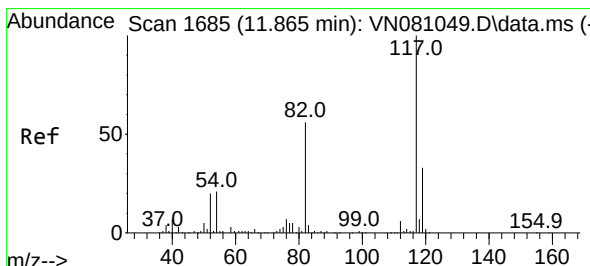
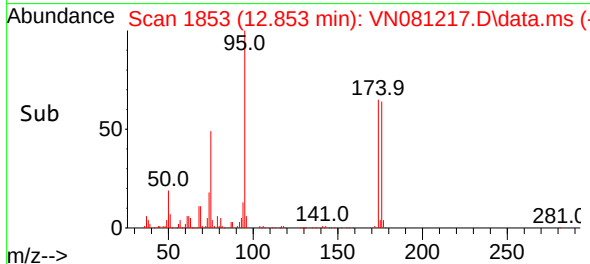
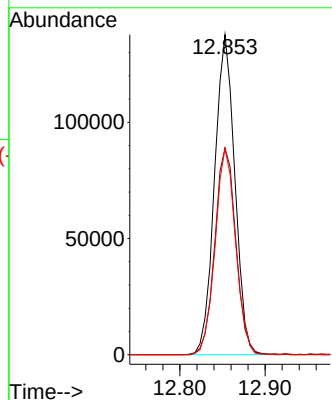
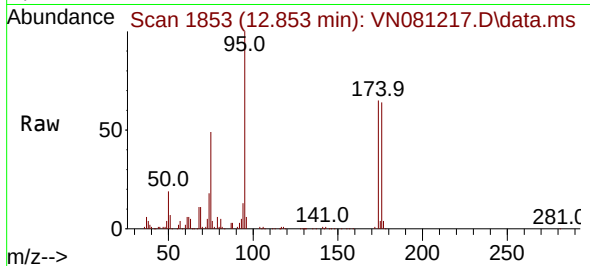




#62
4-Bromofluorobenzene
Concen: 47.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

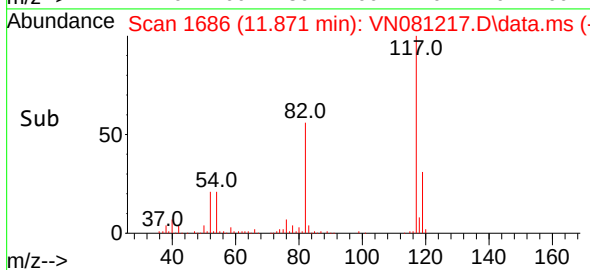
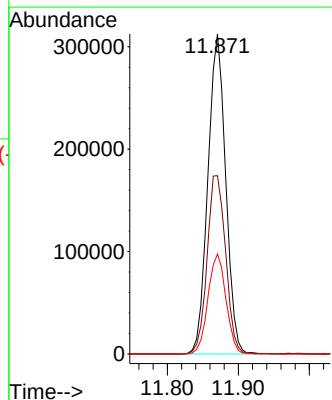
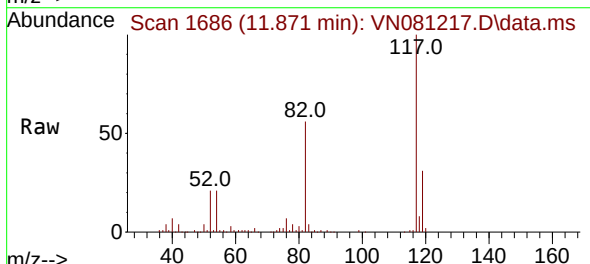
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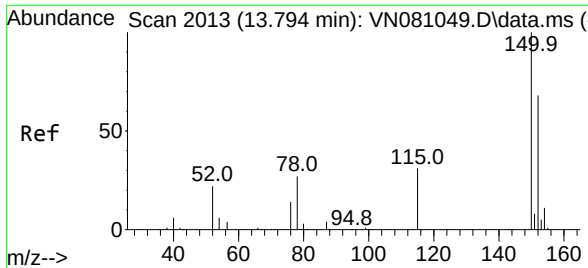
Tgt Ion: 95 Resp: 227420
Ion Ratio Lower Upper
95 100
174 67.1 0.0 120.4
176 65.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

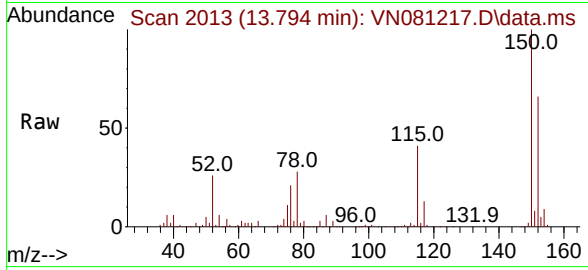
Tgt Ion: 117 Resp: 544759
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 31.2 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081217.D
 Acq: 27 Feb 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240221



Tgt Ion:	152	Resp:	220825
Ion	Ratio	Lower	Upper
152	100		
115	63.7	32.3	96.8
150	152.4	0.0	339.8

