

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081199.D
 Acq On : 26 Feb 2024 16:52
 Operator : JC\MD
 Sample : P1533-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20240217

Quant Time: Feb 27 00:09:27 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)

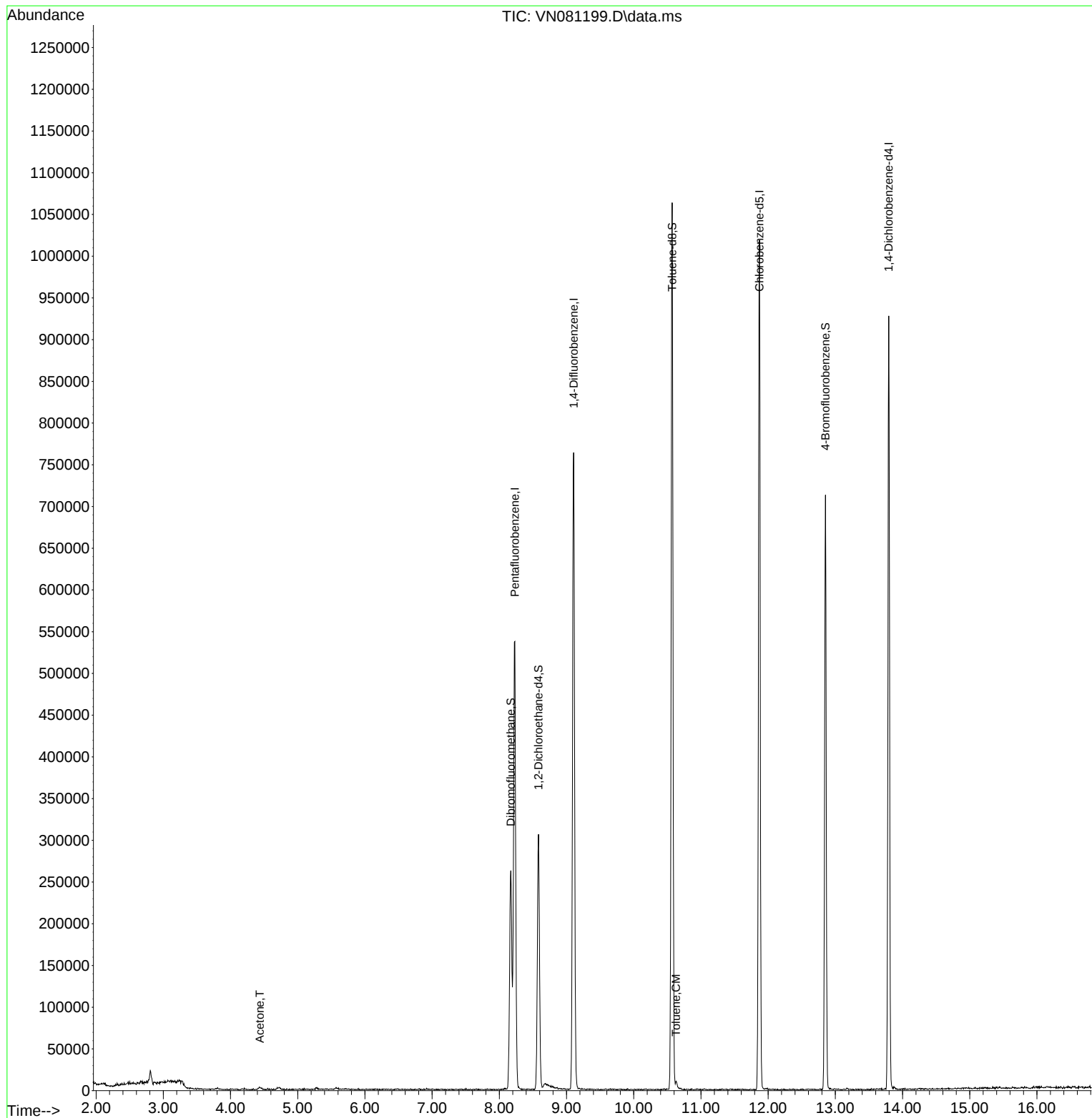
Internal Standards						
1) Pentafluorobenzene	8.230	168	369063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	679751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	595568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	238918	52.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.640%
35) Dibromofluoromethane	8.171	113	190097	49.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	10.571	98	734815	53.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.853	95	237006	46.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
16) Acetone	4.436	43	4923	2.766	ug/l	100
52) Toluene	10.630	92	3351	0.278	ug/l	95

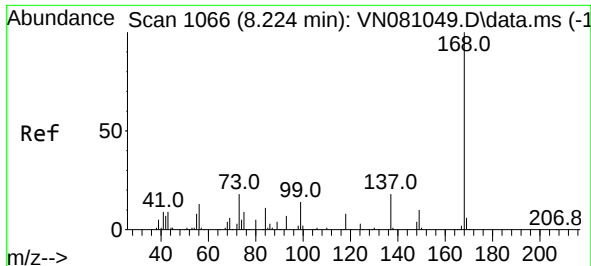
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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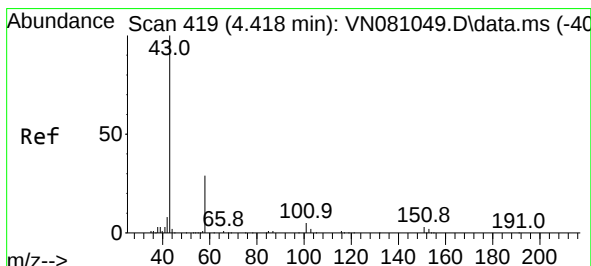
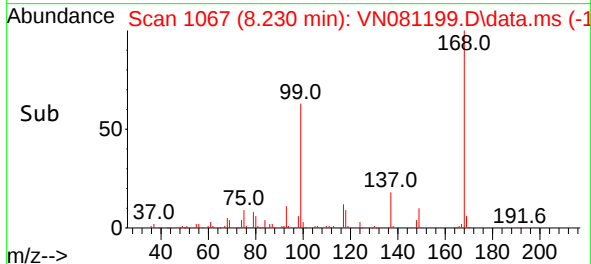
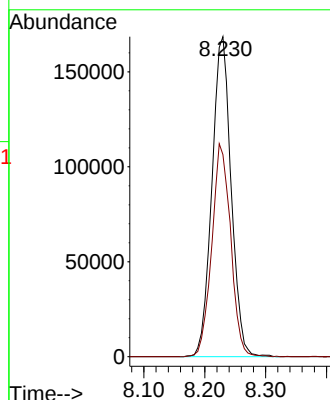
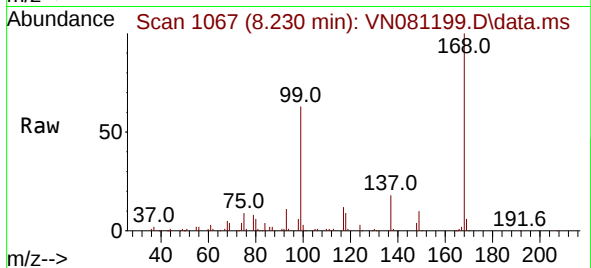




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

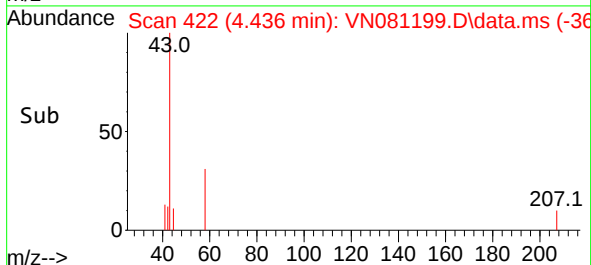
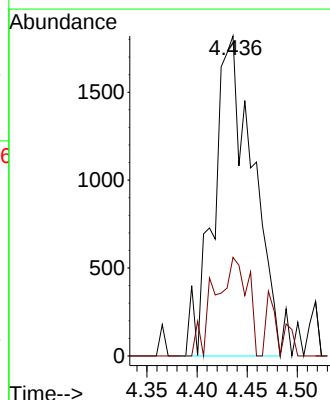
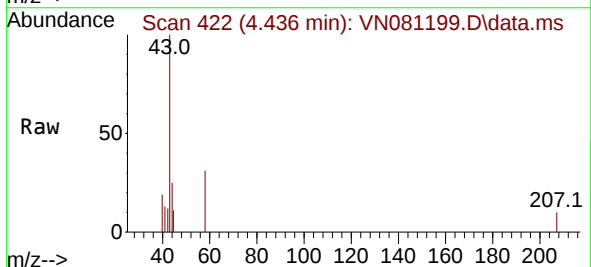
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20240217

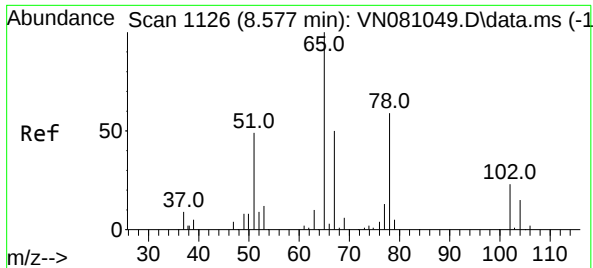
Tgt Ion:168 Resp: 369063
Ion Ratio Lower Upper
168 100
99 63.2 59.9 89.9



#16
Acetone
Concen: 2.766 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 43 Resp: 4923
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

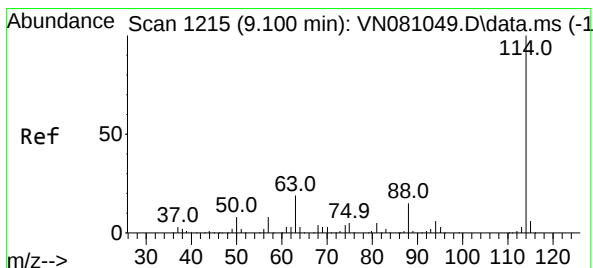
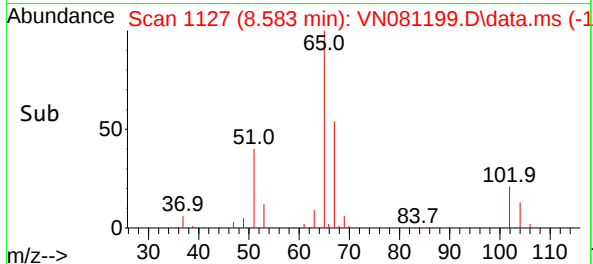
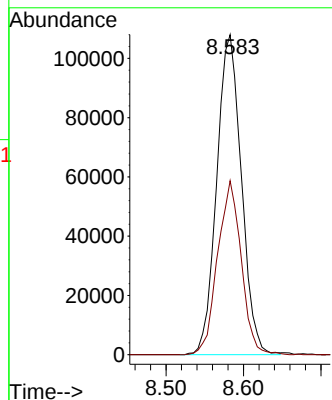
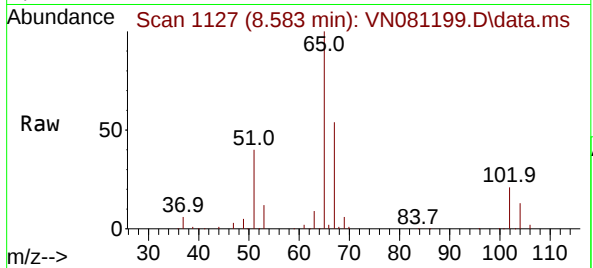




#33
 1,2-Dichloroethane-d4
 Concen: 52.815 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081199.D
 Acq: 26 Feb 2024 16:52

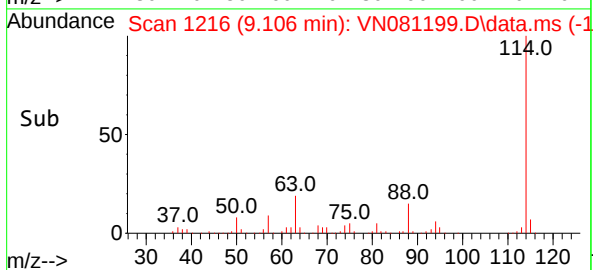
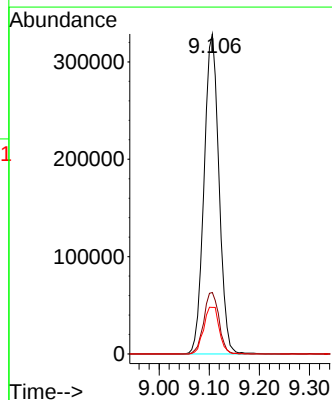
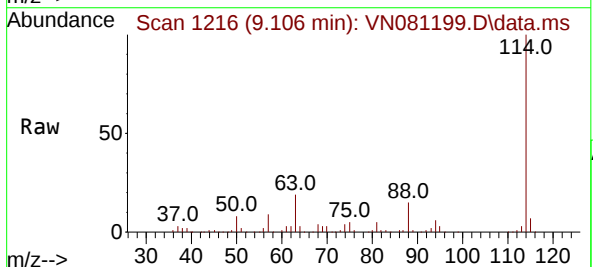
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20240217

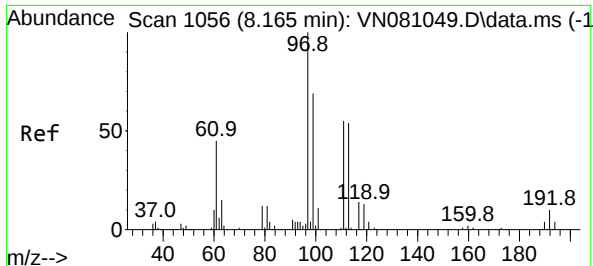
Tgt Ion: 65 Resp: 238918
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081199.D
 Acq: 26 Feb 2024 16:52

Tgt Ion: 114 Resp: 679751
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 48.0
 88 14.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.456 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081199.D

Acq: 26 Feb 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

DUP06-20240217

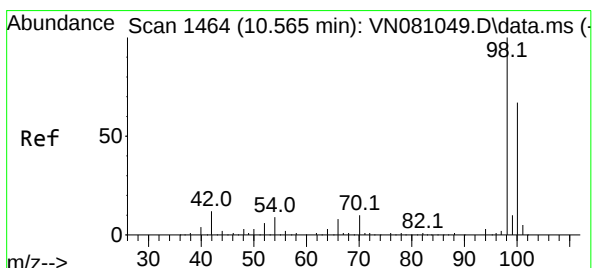
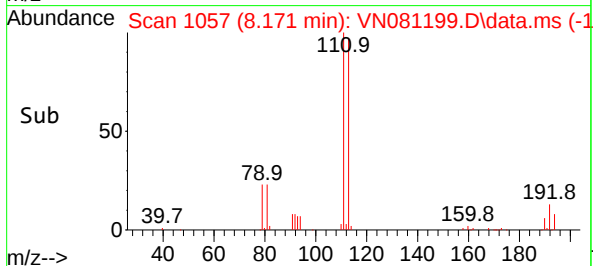
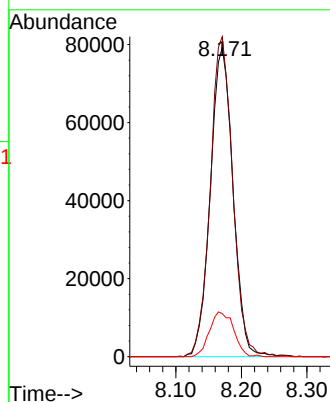
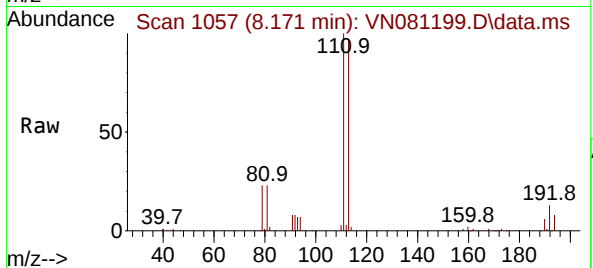
Tgt Ion:113 Resp: 190097

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 15.4 12.5 18.7



#50

Toluene-d8

Concen: 53.824 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081199.D

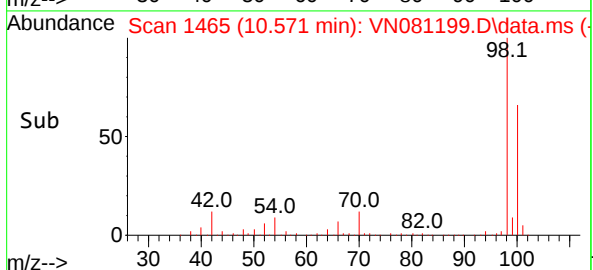
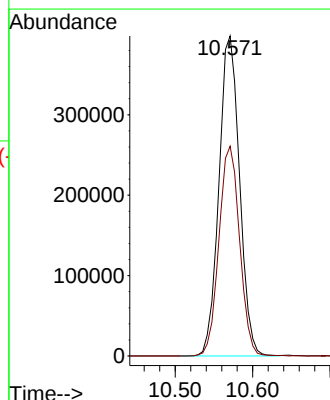
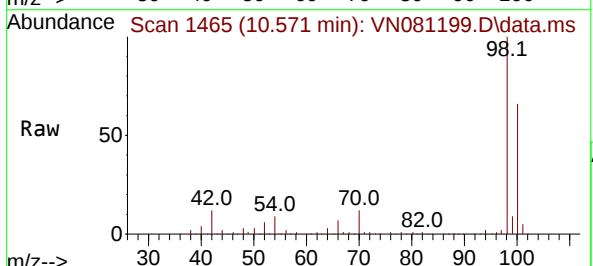
Acq: 26 Feb 2024 16:52

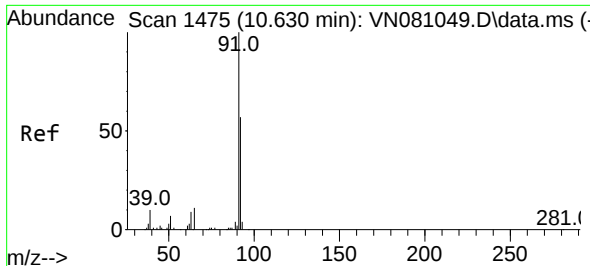
Tgt Ion: 98 Resp: 734815

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

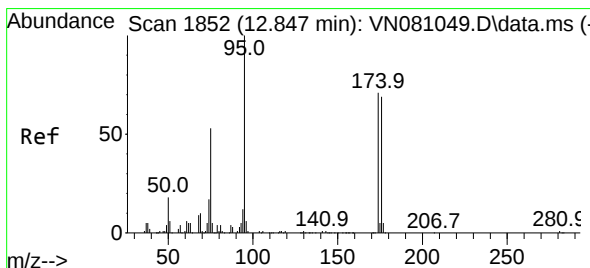
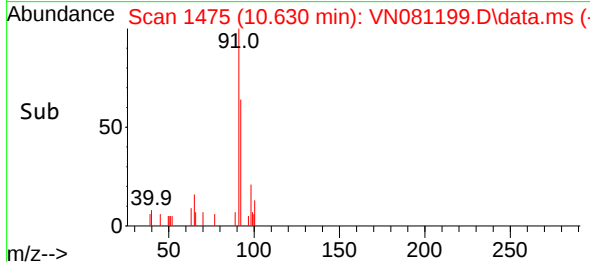
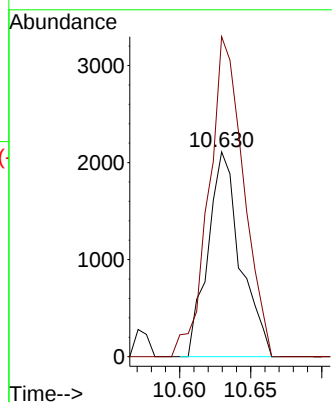
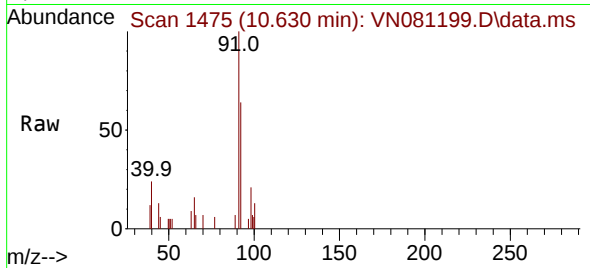




#52
Toluene
Concen: 0.278 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

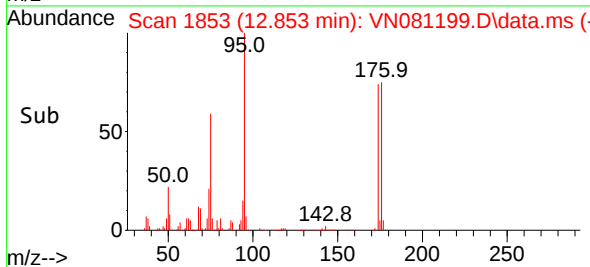
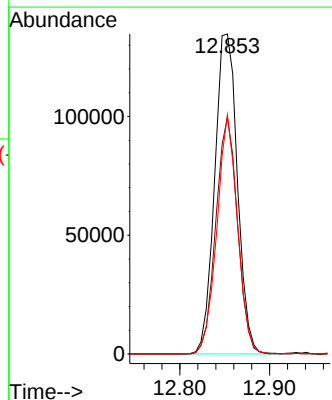
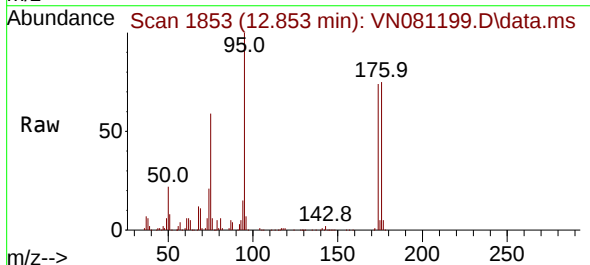
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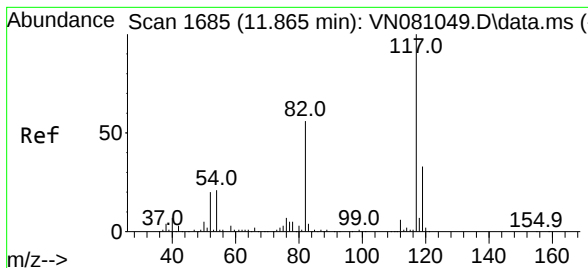
Tgt Ion: 92 Resp: 3351
Ion Ratio Lower Upper
92 100
91 167.6 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 95 Resp: 237006
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 67.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081199.D

Acq: 26 Feb 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

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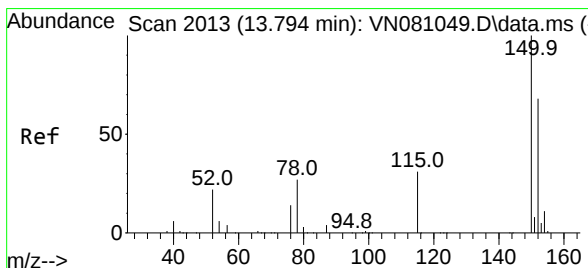
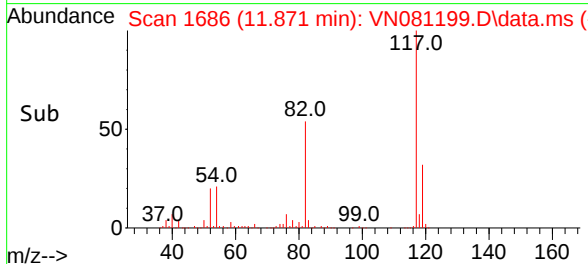
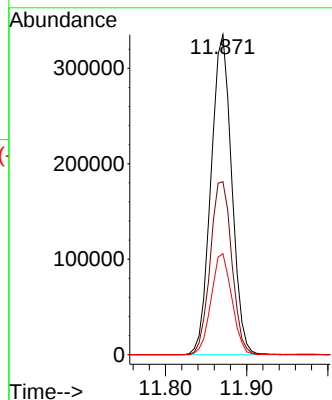
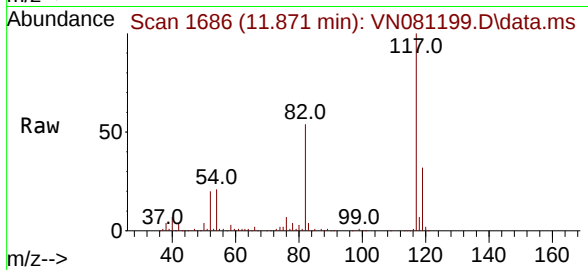
Tgt Ion:117 Resp: 595568

Ion Ratio Lower Upper

117 100

82 54.0 52.7 79.1

119 31.6 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: VN081199.D

Acq: 26 Feb 2024 16:52

Tgt Ion:152 Resp: 234666

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 157.6 0.0 339.8

