

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081250.D
 Acq On : 28 Feb 2024 18:05
 Operator : JC\MD
 Sample : P1590-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02-20240223

Quant Time: Feb 28 23:30:00 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)

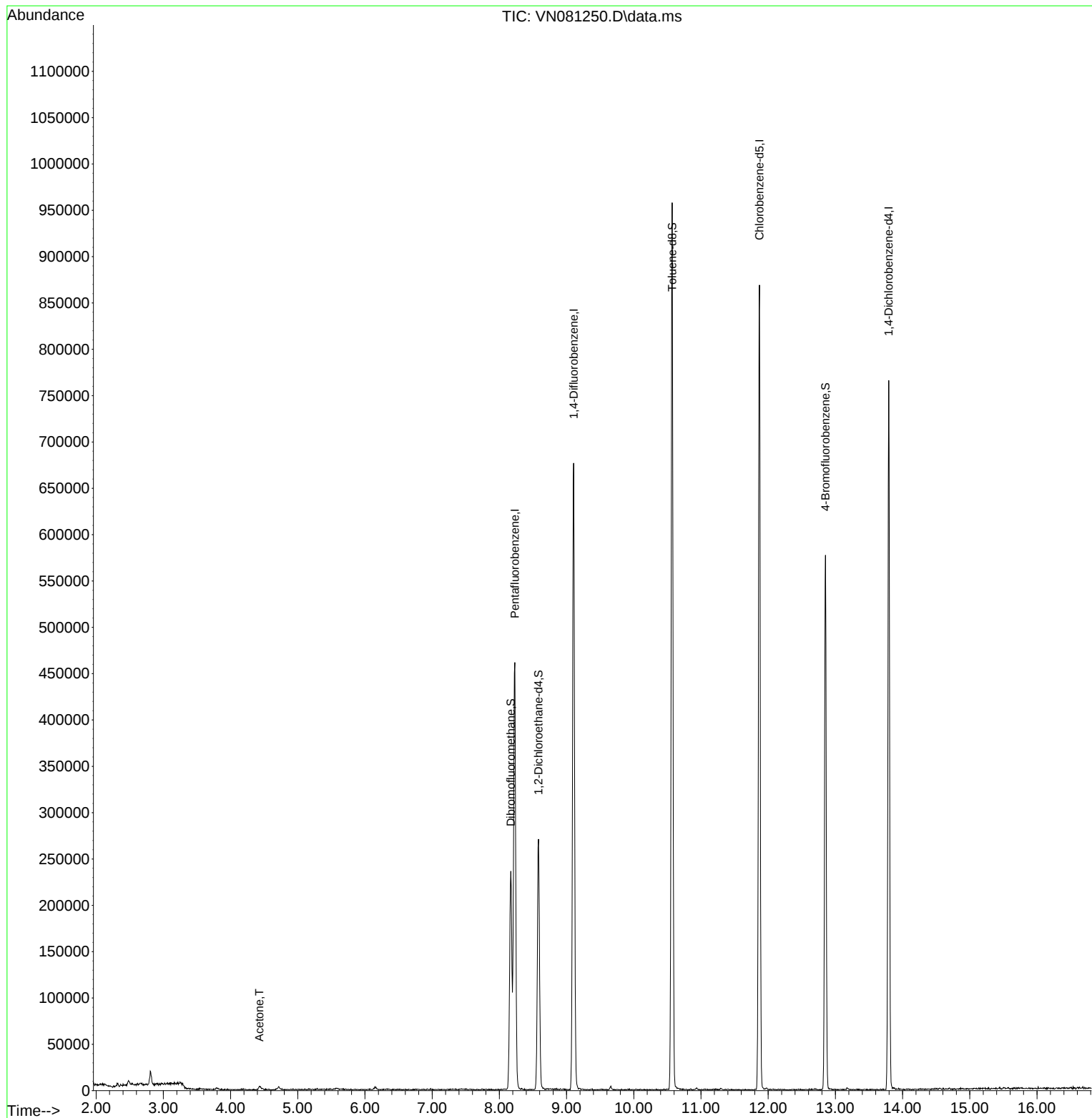
Internal Standards						
1) Pentafluorobenzene	8.230	168	307147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	494306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216085	57.397	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.800%
35) Dibromofluoromethane	8.171	113	170231	51.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	10.571	98	641059	54.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.853	95	202164	45.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.980%
Target Compounds						
16) Acetone	4.430	43	6835	4.614	ug/l	Qvalue 98

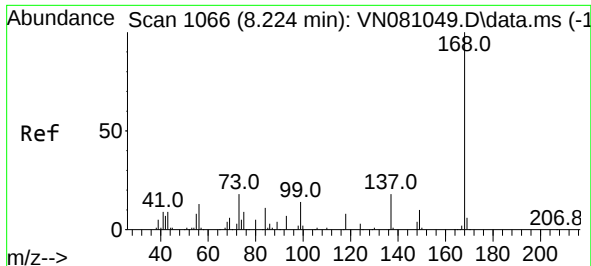
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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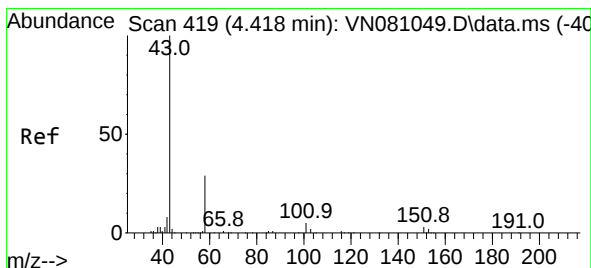
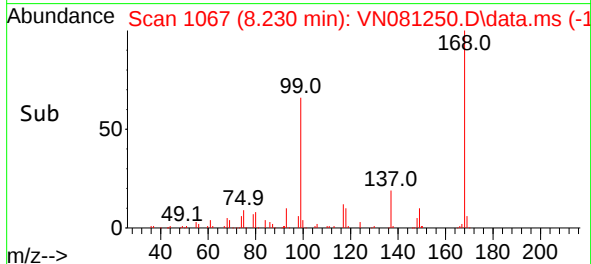
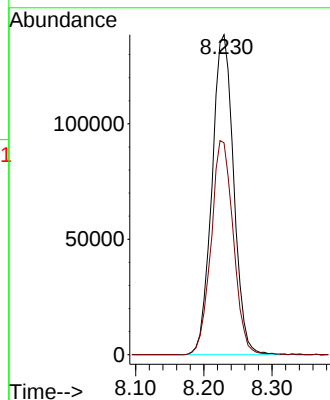
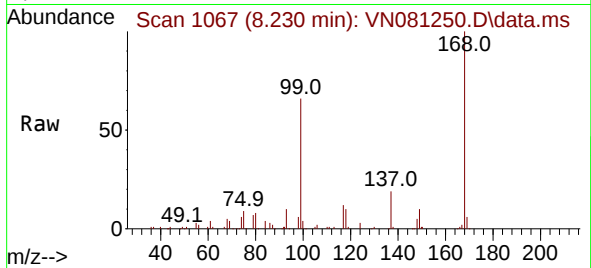




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081250.D
Acq: 28 Feb 2024 18:05

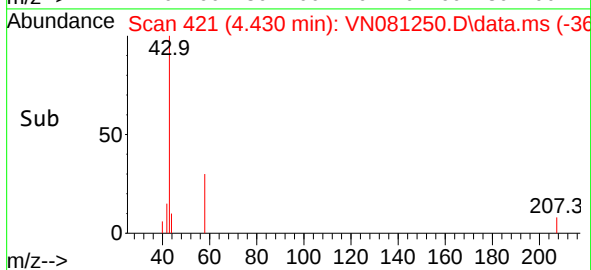
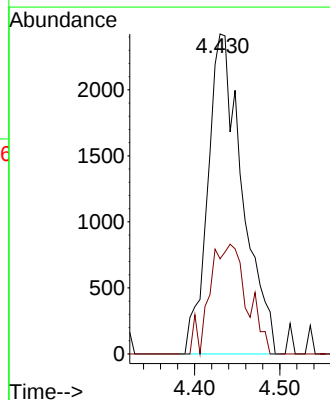
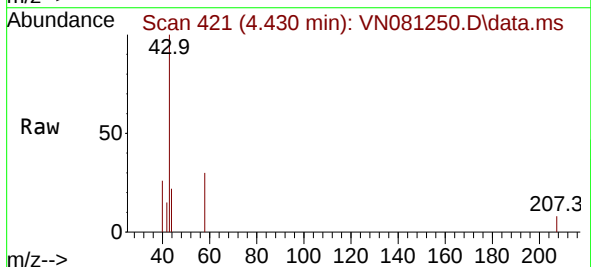
Instrument :
MSVOA_N
ClientSampleId :
FB02-20240223

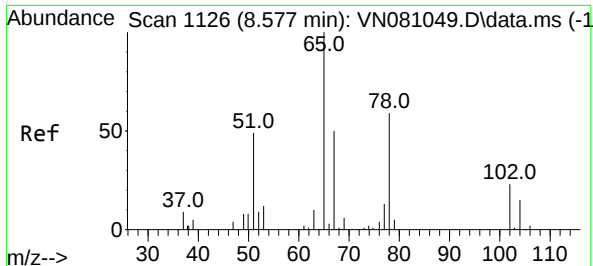
Tgt Ion:168 Resp: 307147
Ion Ratio Lower Upper
168 100
99 66.2 59.9 89.9



#16
Acetone
Concen: 4.614 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081250.D
Acq: 28 Feb 2024 18:05

Tgt Ion: 43 Resp: 6835
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 57.397 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081250.D

Acq: 28 Feb 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

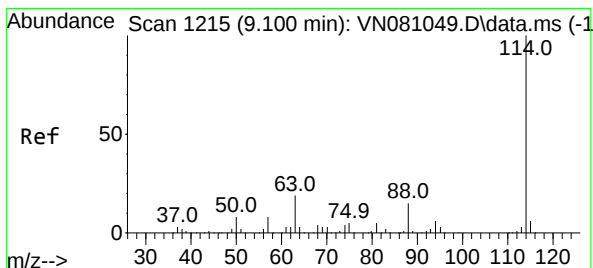
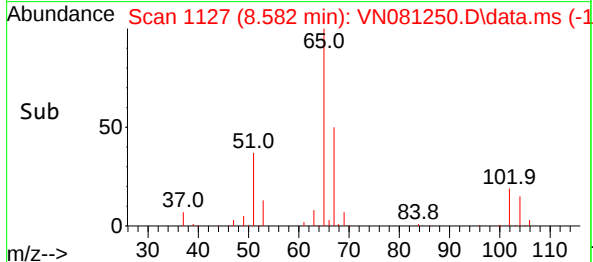
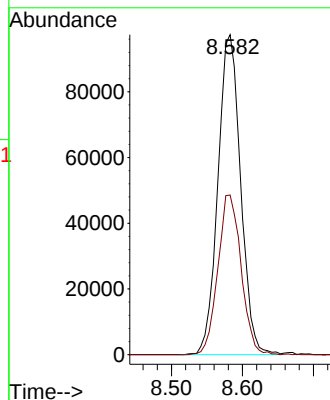
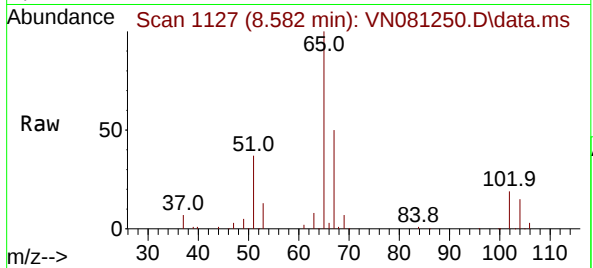
FB02-20240223

Tgt Ion: 65 Resp: 216085

Ion Ratio Lower Upper

65 100

67 51.0 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: VN081250.D

Acq: 28 Feb 2024 18:05

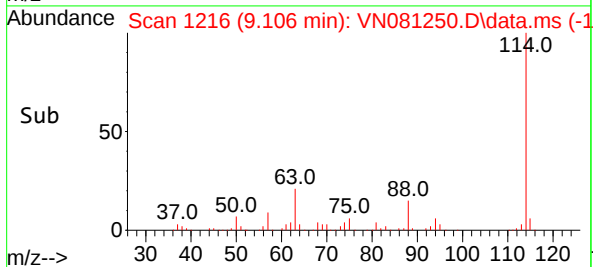
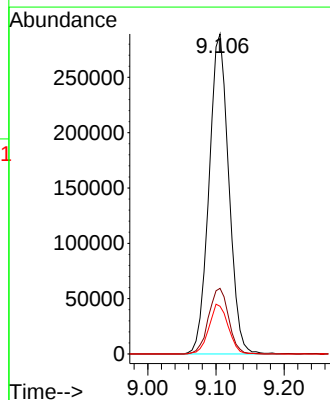
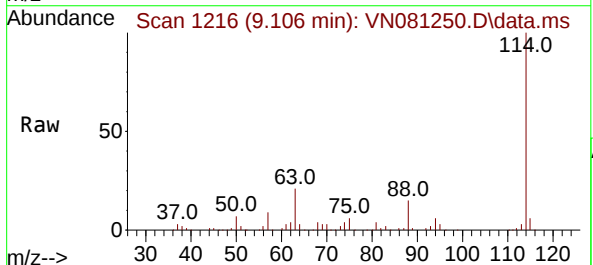
Tgt Ion: 114 Resp: 582461

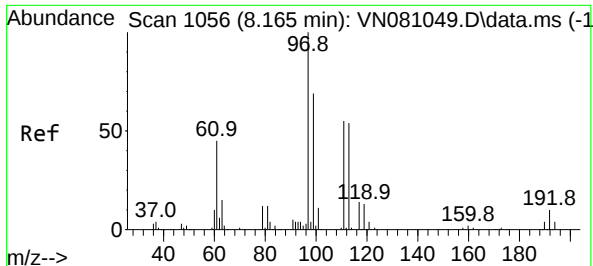
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.685 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081250.D

Acq: 28 Feb 2024 18:05

Instrument :

MSVOA_N

ClientSampleId :

FB02-20240223

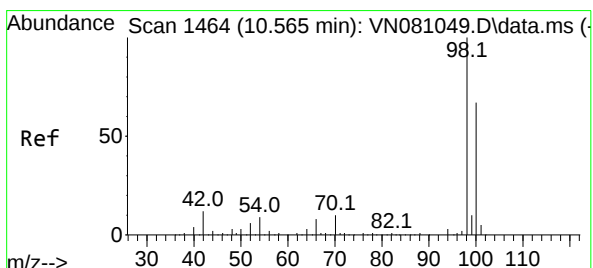
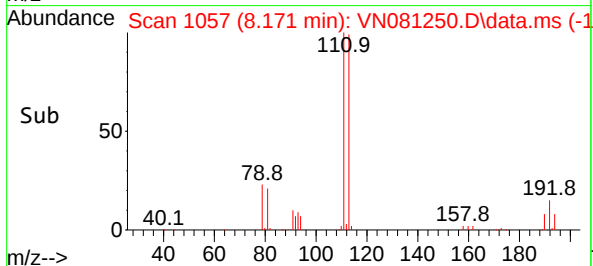
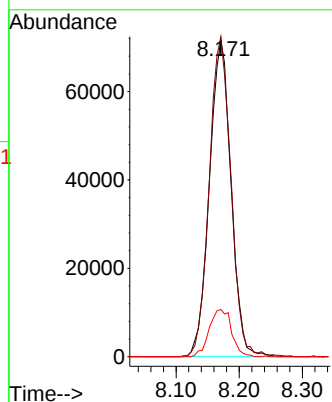
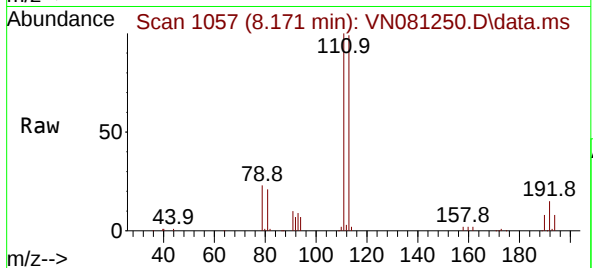
Tgt Ion:113 Resp: 170231

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 15.4 12.5 18.7



#50

Toluene-d8

Concen: 54.800 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081250.D

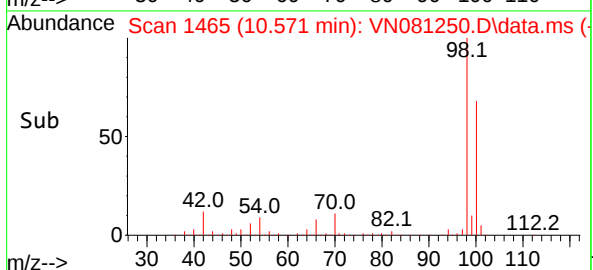
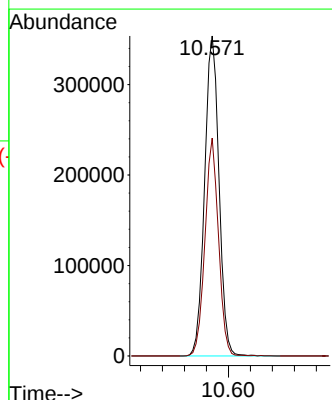
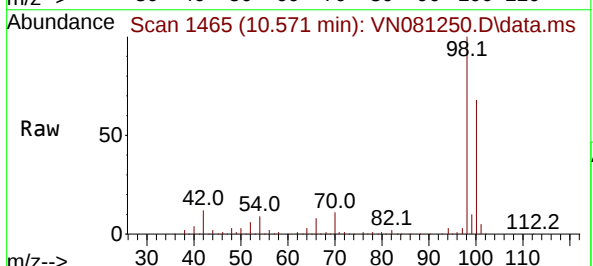
Acq: 28 Feb 2024 18:05

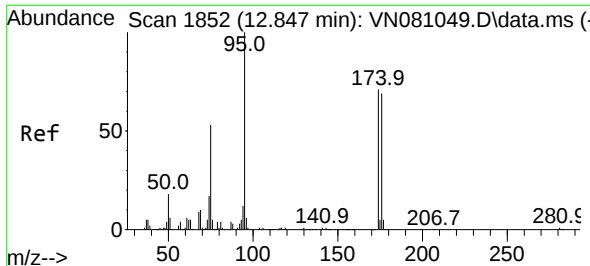
Tgt Ion: 98 Resp: 641059

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

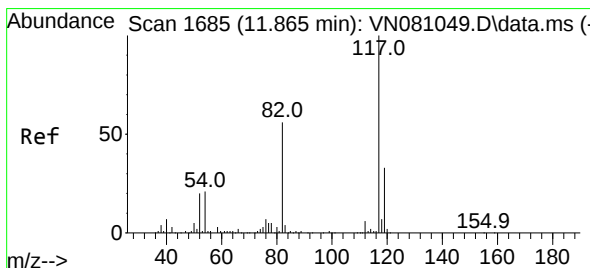
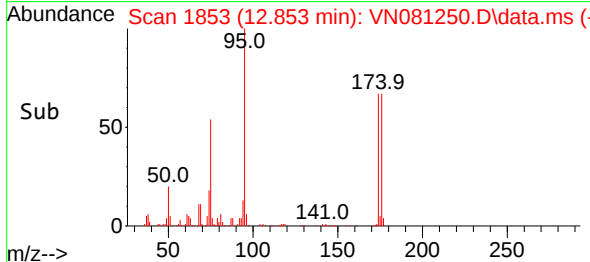
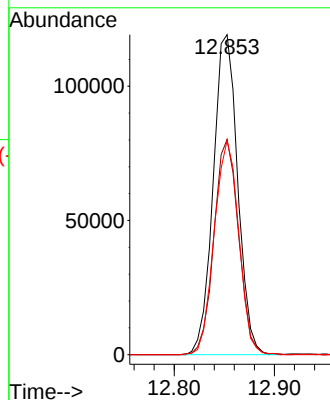
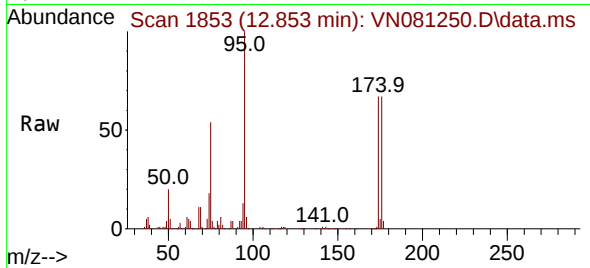




#62
4-Bromofluorobenzene
Concen: 45.992 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081250.D
Acq: 28 Feb 2024 18:05

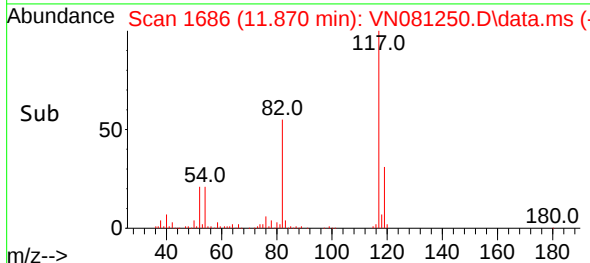
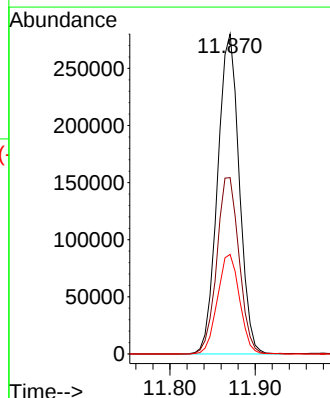
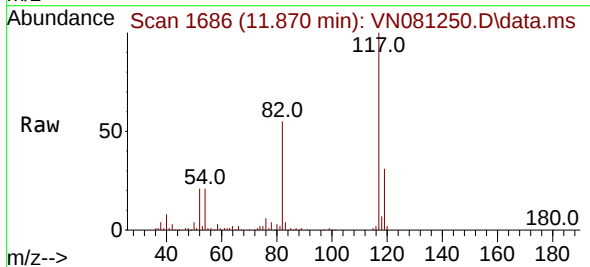
Instrument :
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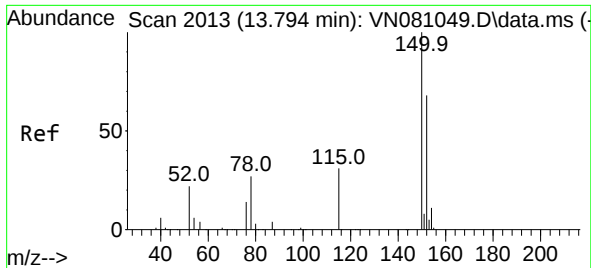
Tgt Ion: 95 Resp: 202164
Ion Ratio Lower Upper
95 100
174 67.6 0.0 120.4
176 67.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081250.D
Acq: 28 Feb 2024 18:05

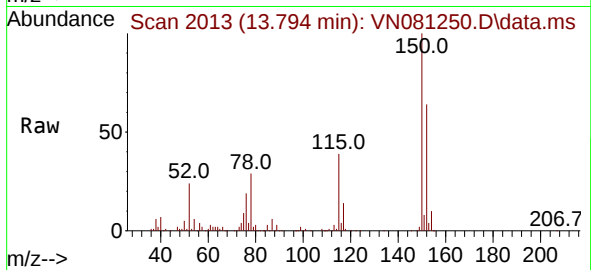
Tgt Ion: 117 Resp: 494306
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.1 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081250.D
 Acq: 28 Feb 2024 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02-20240223



Tgt Ion:152 Resp: 190088
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 159.2 0.0 339.8

