

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082750.D
 Acq On : 28 Jun 2024 17:00
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 28 23:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

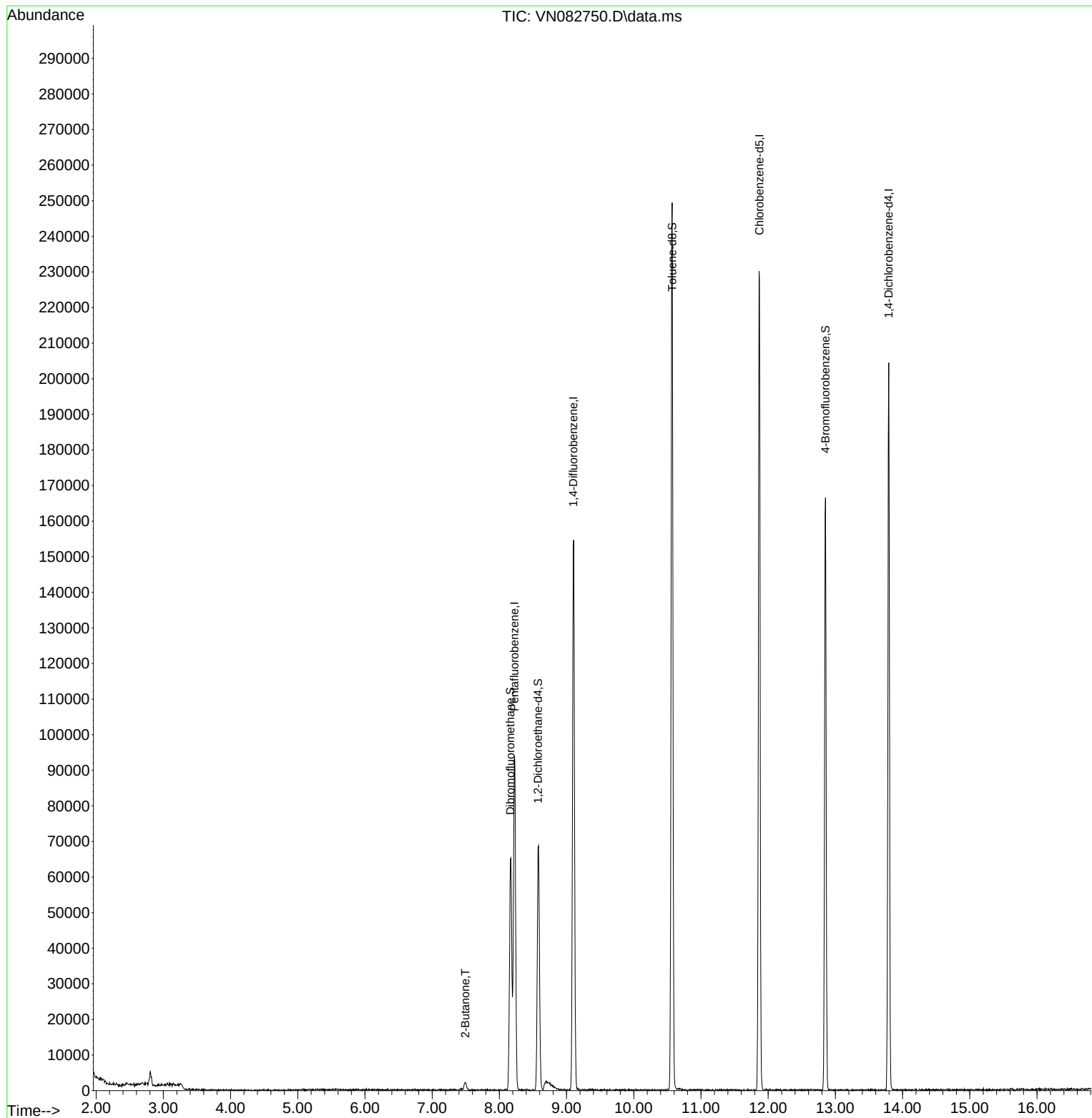
Internal Standards						
1) Pentafluorobenzene	8.224	168	67947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	129251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	128957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	52419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57801	55.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.320%
35) Dibromofluoromethane	8.165	113	47962	56.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.720%
50) Toluene-d8	10.571	98	170258	53.498	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.853	95	52879	48.383	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.760%
Target Compounds						
25) 2-Butanone	7.494	43	3957	6.524	ug/l	Qvalue # 88

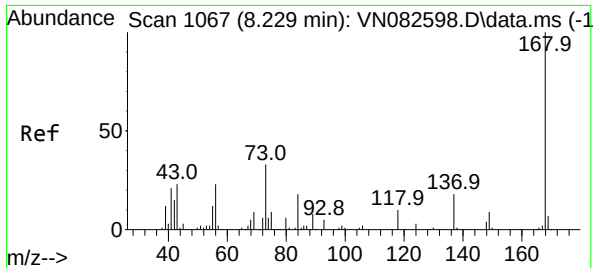
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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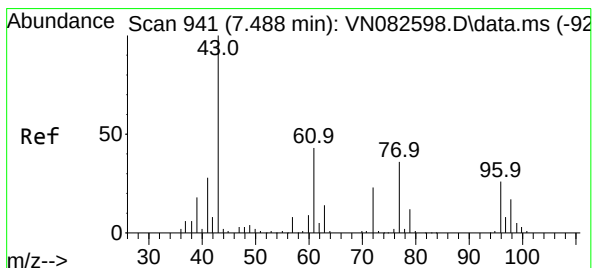
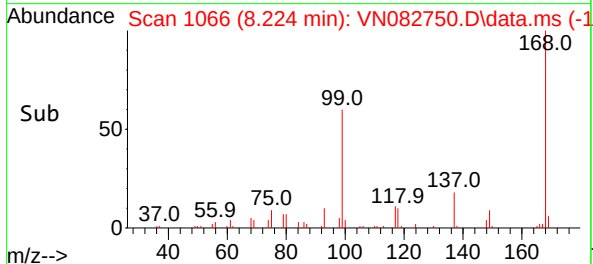
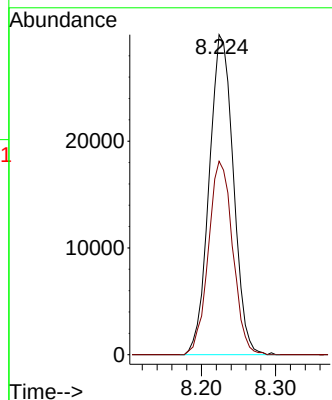
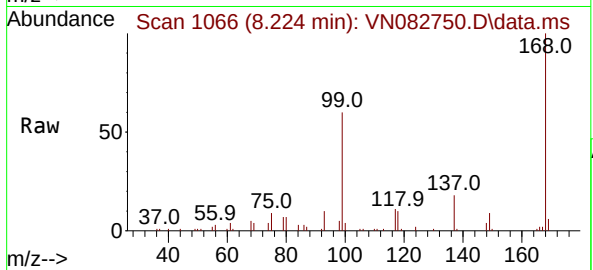




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

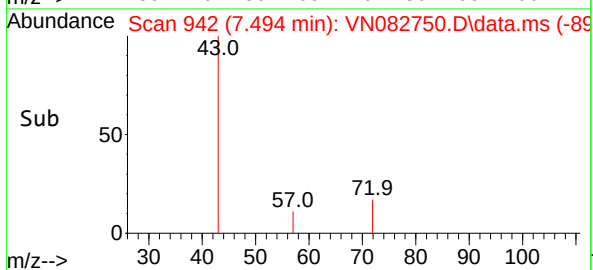
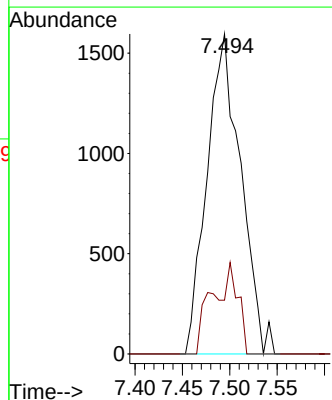
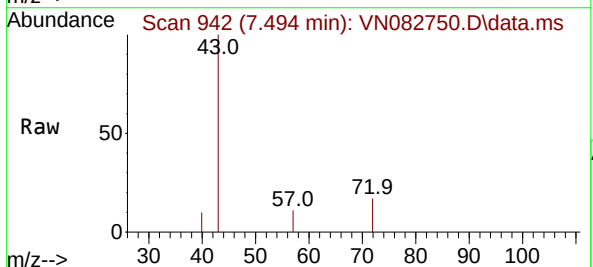
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

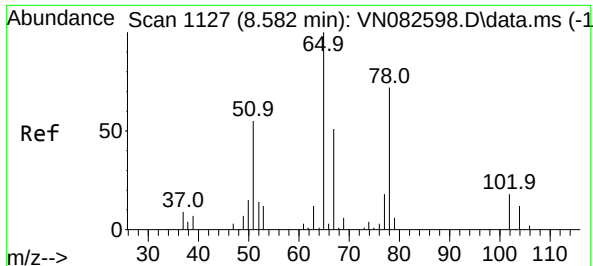
Tgt Ion:168 Resp: 67947
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#25
2-Butanone
Concen: 6.524 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
72 16.8 18.2 27.2#





#33

1,2-Dichloroethane-d4

Concen: 55.162 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

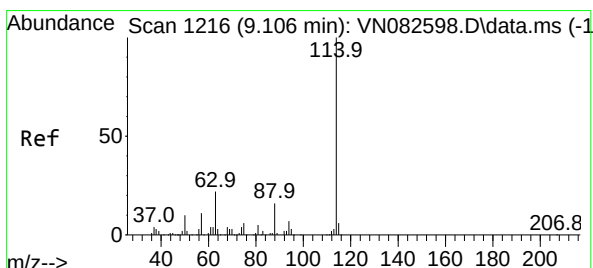
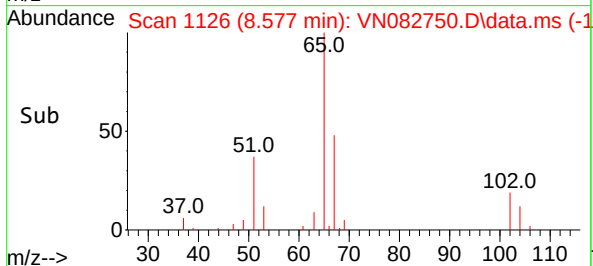
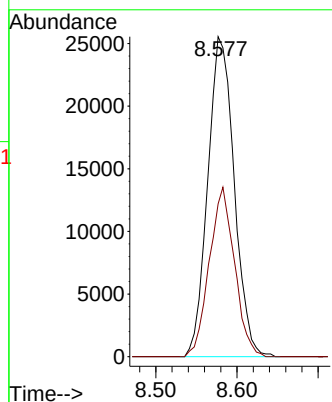
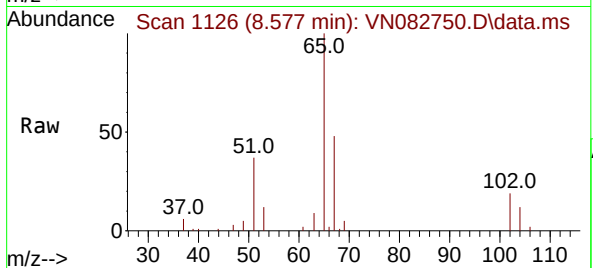
VIBLK

Tgt Ion: 65 Resp: 57801

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

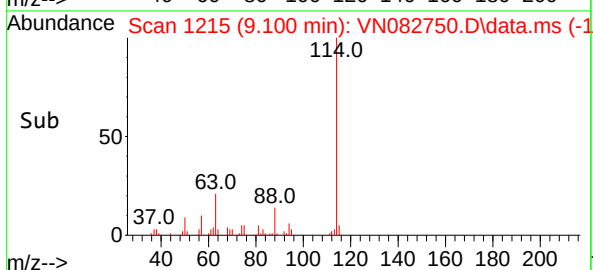
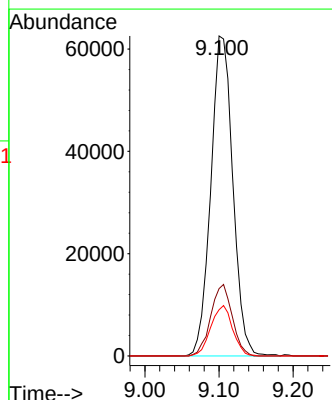
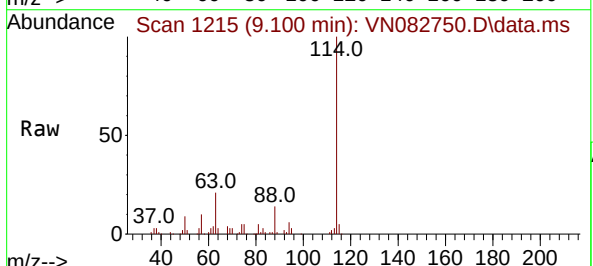
Tgt Ion: 114 Resp: 129251

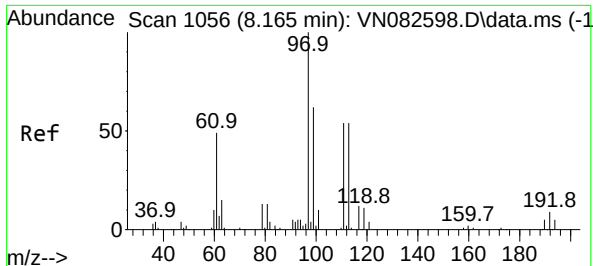
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 14.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.361 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

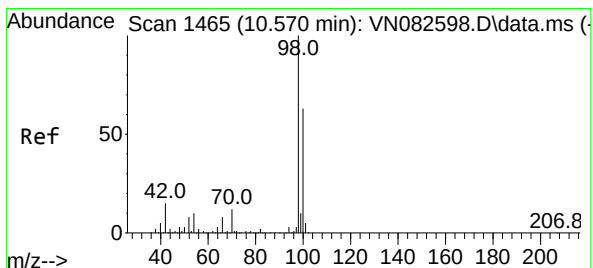
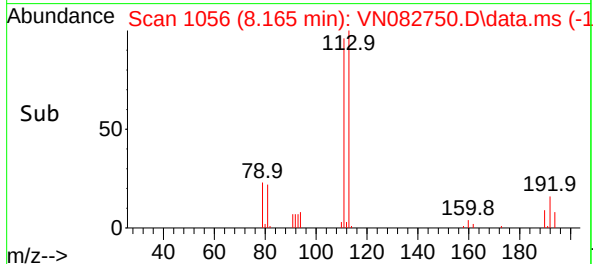
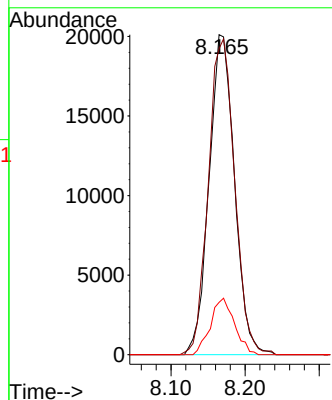
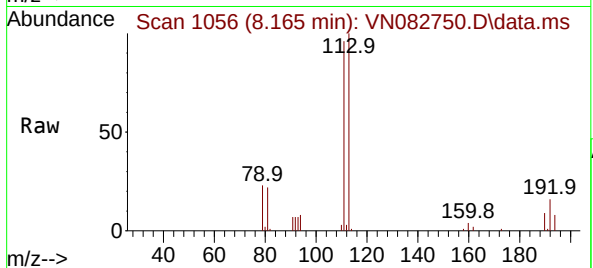
Tgt Ion:113 Resp: 47962

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 16.7 14.9 22.3



#50

Toluene-d8

Concen: 53.498 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082750.D

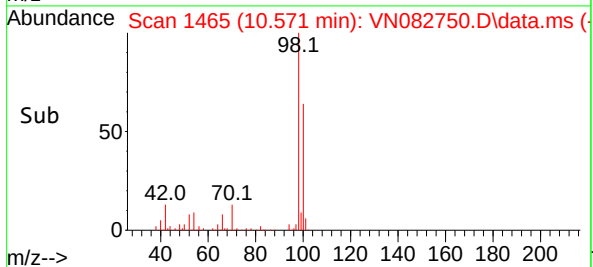
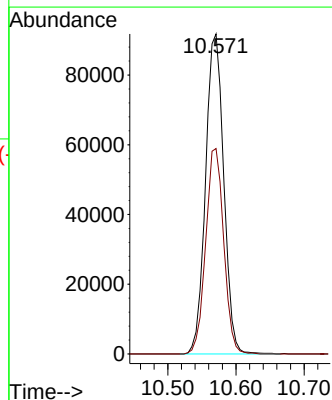
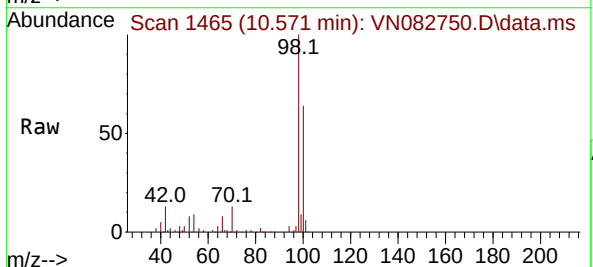
Acq: 28 Jun 2024 17:00

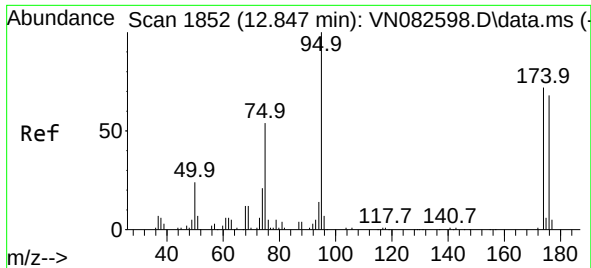
Tgt Ion: 98 Resp: 170258

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3

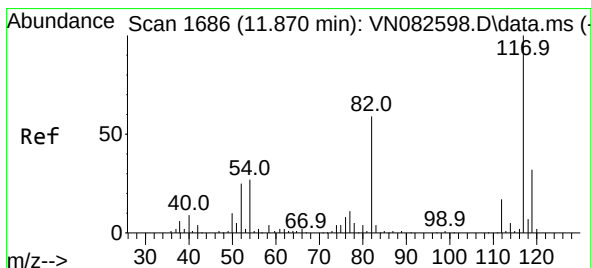
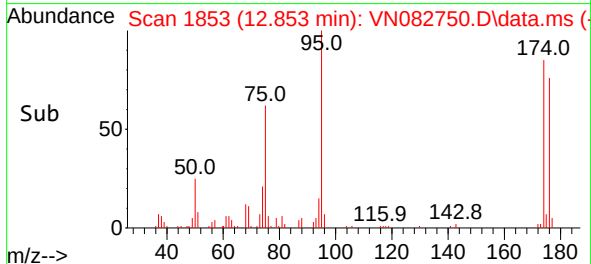
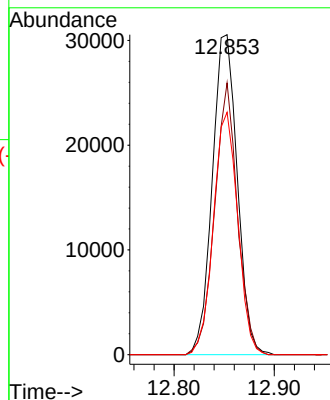
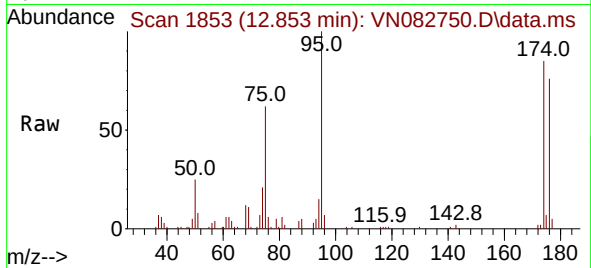




#62
4-Bromofluorobenzene
Concen: 48.383 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

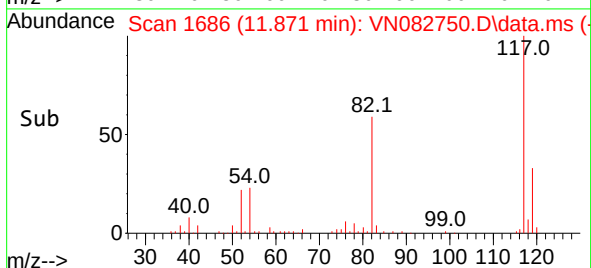
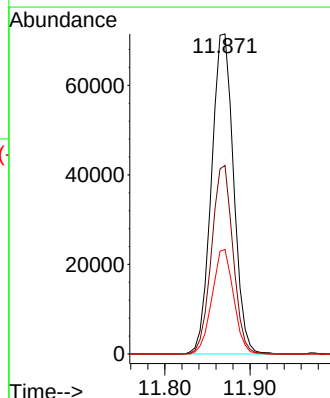
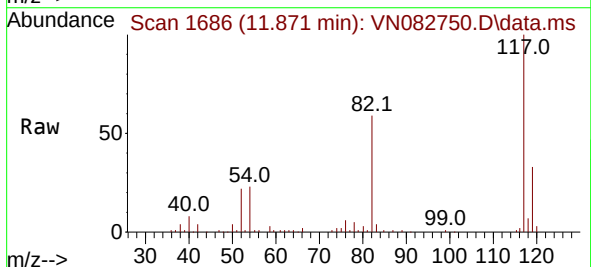
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MSVOA_N
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VIBLK

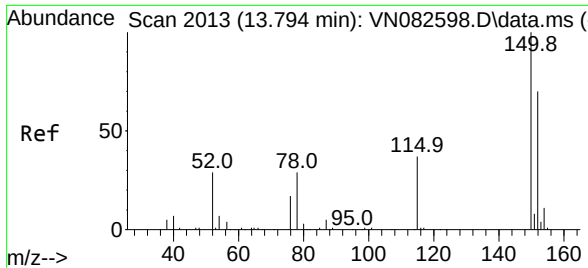
Tgt Ion: 95 Resp: 52879
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 73.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 117 Resp: 128957
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082750.D
 Acq: 28 Jun 2024 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion:	152	Resp:	52419
Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.6	91.6
150	157.5	0.0	348.6

