

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082749.D
 Acq On : 28 Jun 2024 16:36
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 28 23:14:21 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)

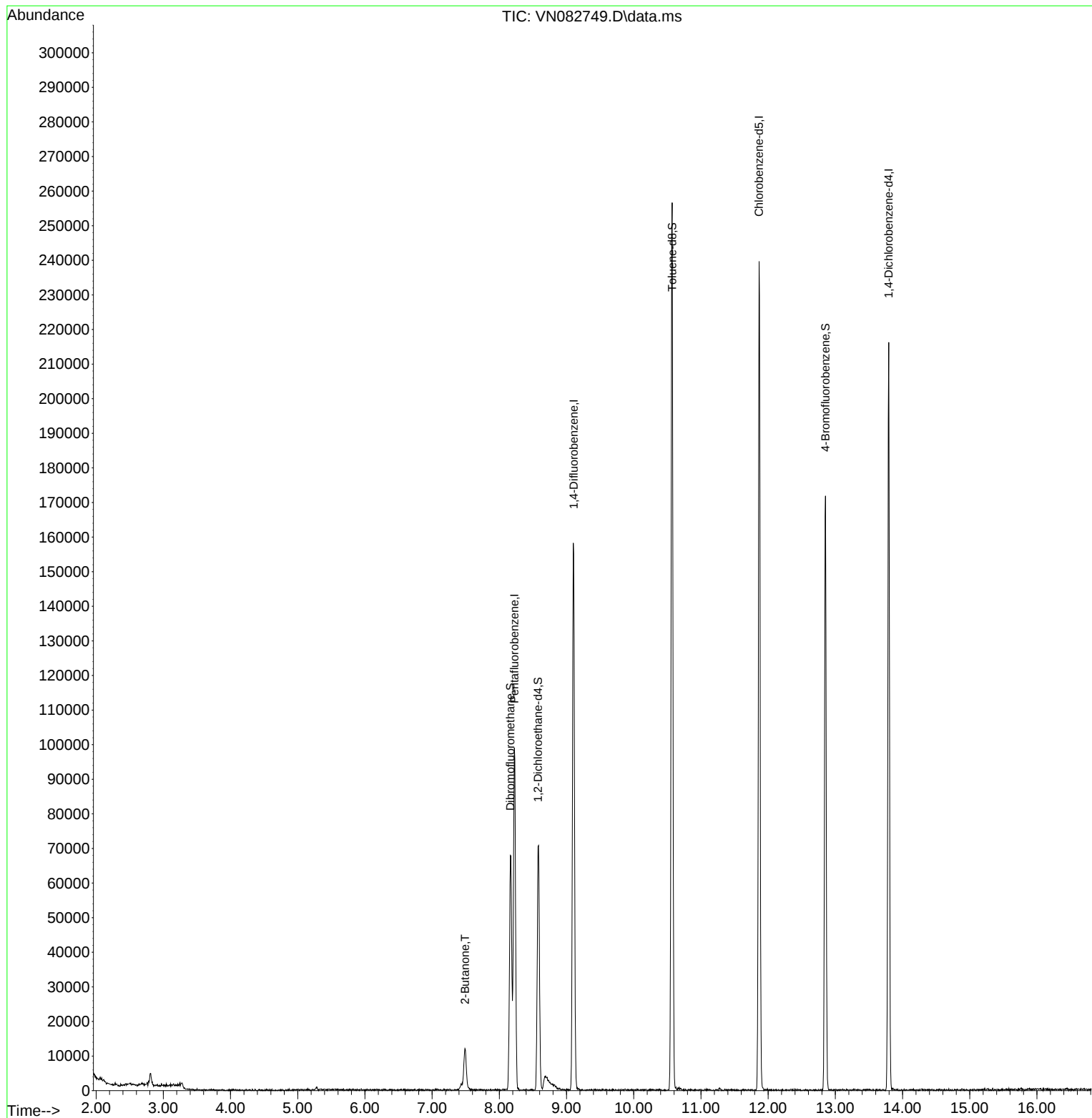
Internal Standards						
1) Pentafluorobenzene	8.224	168	69594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	135325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	134250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59402	55.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.700%
35) Dibromofluoromethane	8.165	113	48091	53.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.960%
50) Toluene-d8	10.571	98	175674	52.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.853	95	56178	49.094	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.180%
Target Compounds						
25) 2-Butanone	7.489	43	21275	34.246	ug/l	Qvalue 96

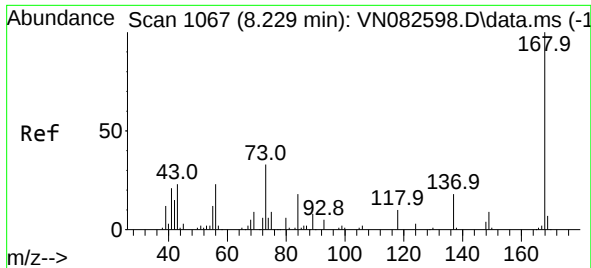
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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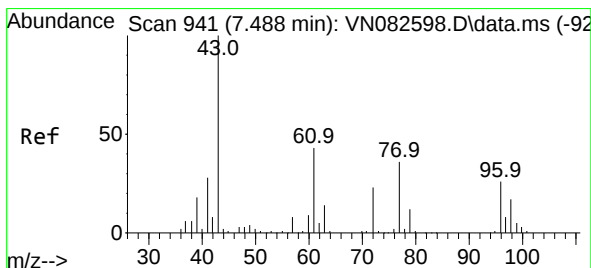
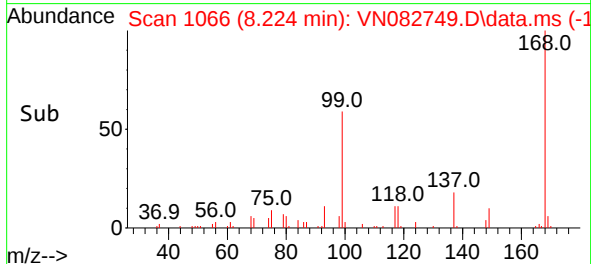
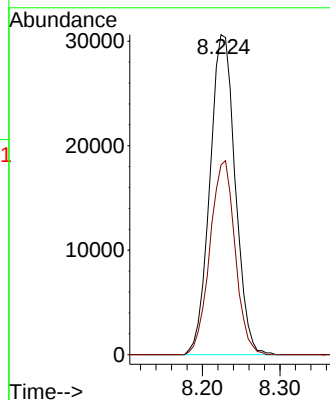
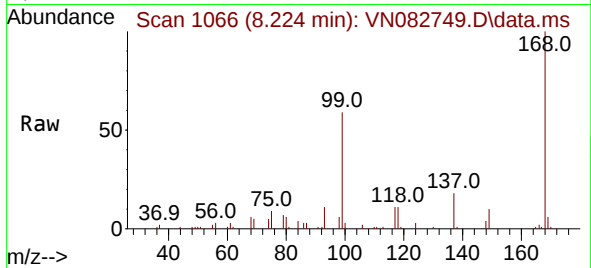




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

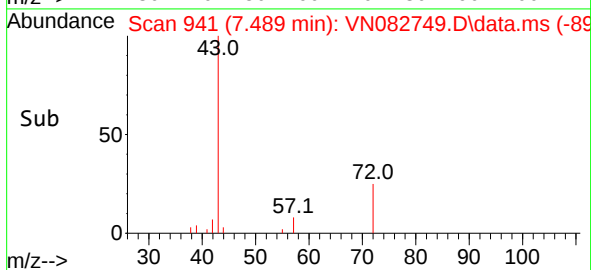
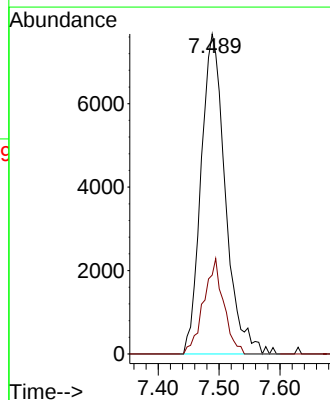
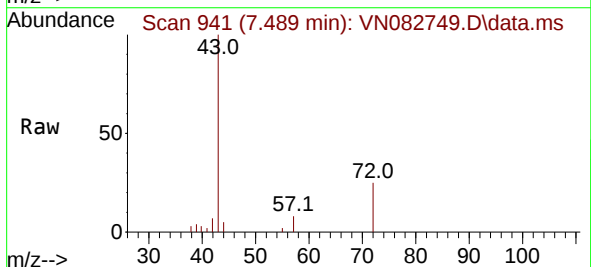
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

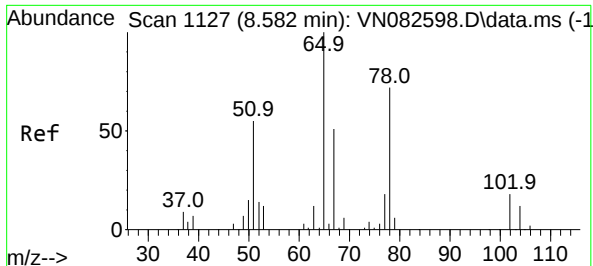
Tgt Ion:168 Resp: 69594
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4



#25
2-Butanone
Concen: 34.246 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
72 24.6 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 55.348 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082749.D

Acq: 28 Jun 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

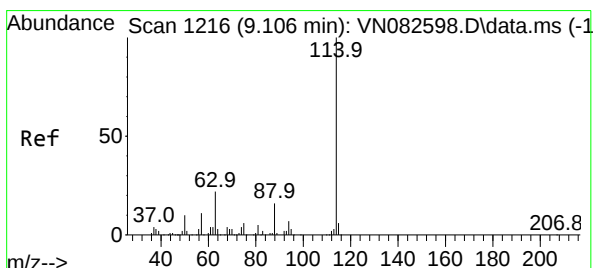
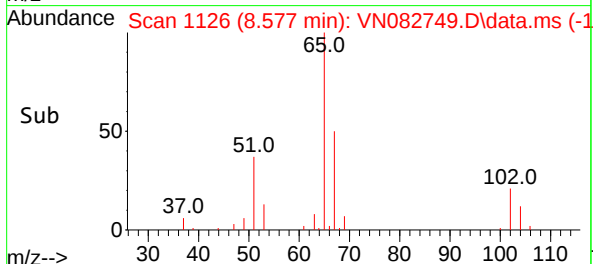
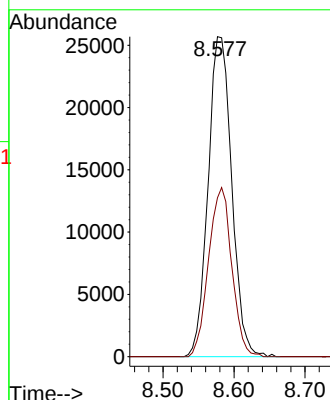
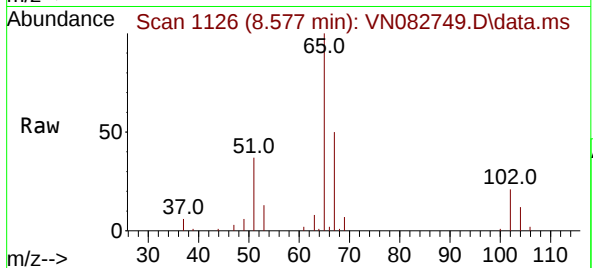
VIBLK

Tgt Ion: 65 Resp: 59402

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082749.D

Acq: 28 Jun 2024 16:36

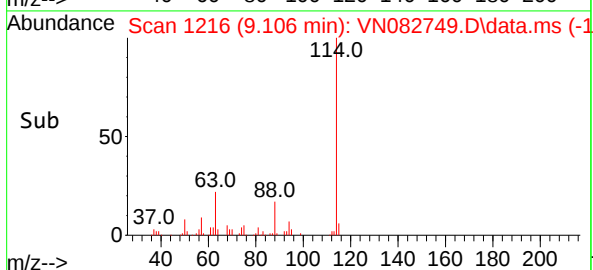
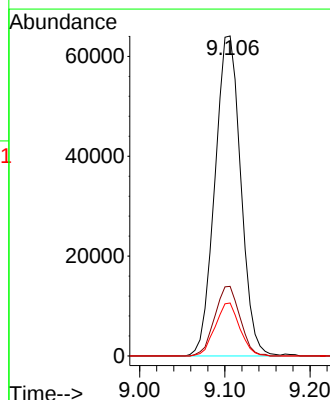
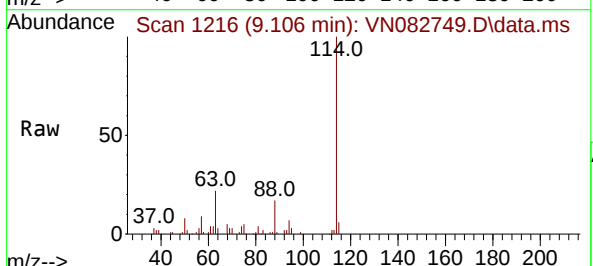
Tgt Ion: 114 Resp: 135325

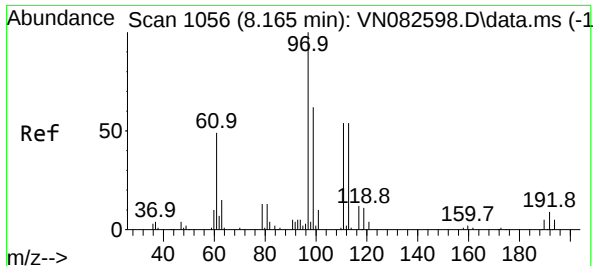
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.976 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082749.D

Acq: 28 Jun 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

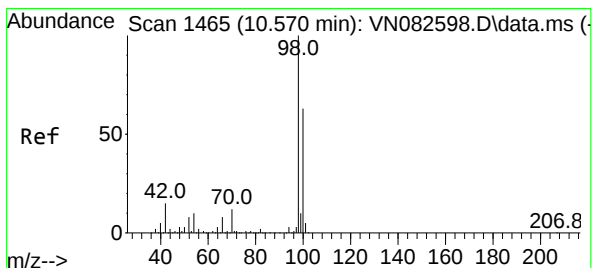
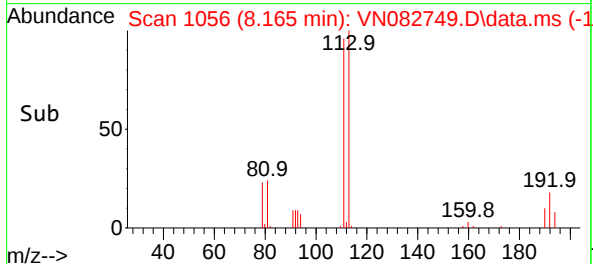
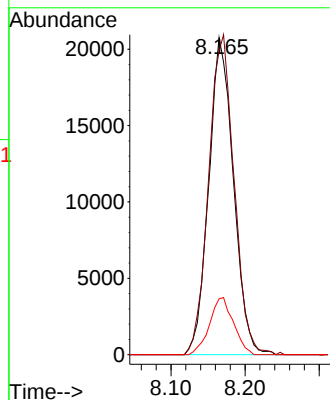
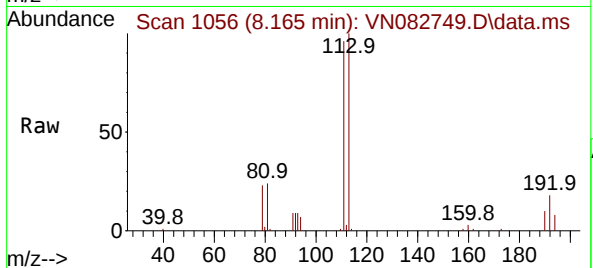
Tgt Ion:113 Resp: 48091

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.5 14.9 22.3



#50

Toluene-d8

Concen: 52.723 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082749.D

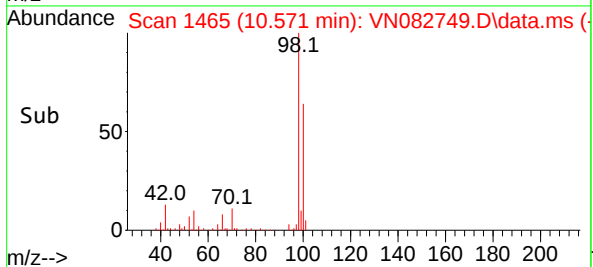
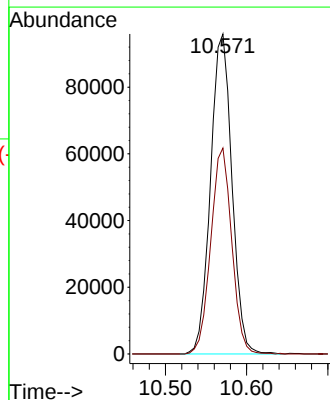
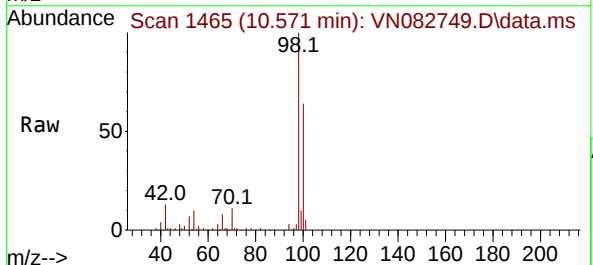
Acq: 28 Jun 2024 16:36

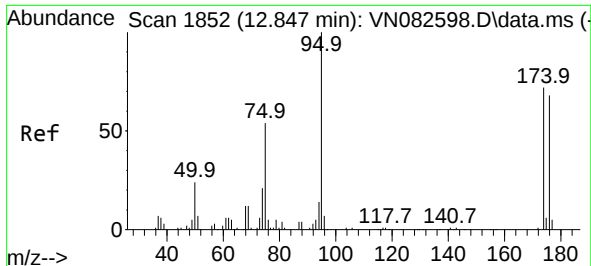
Tgt Ion: 98 Resp: 175674

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3

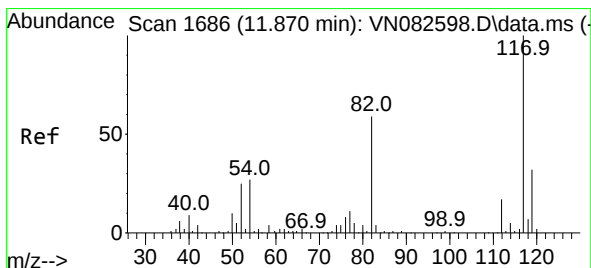
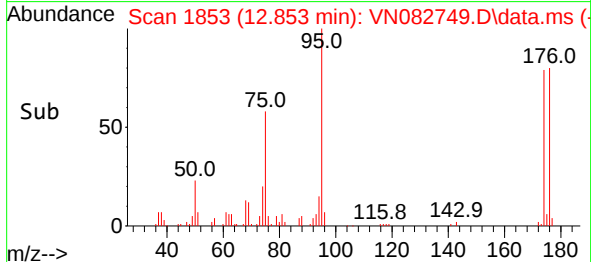
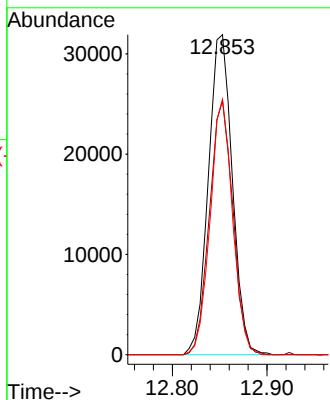
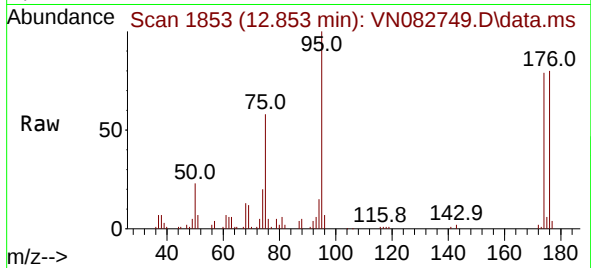




#62
4-Bromofluorobenzene
Concen: 49.094 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

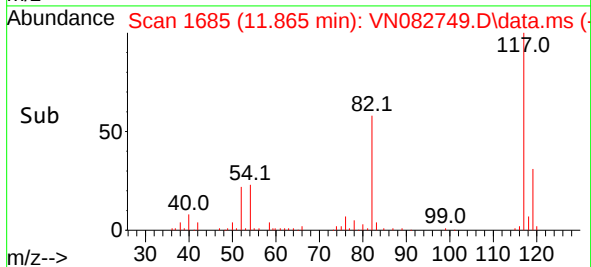
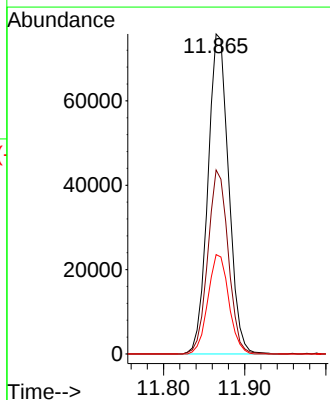
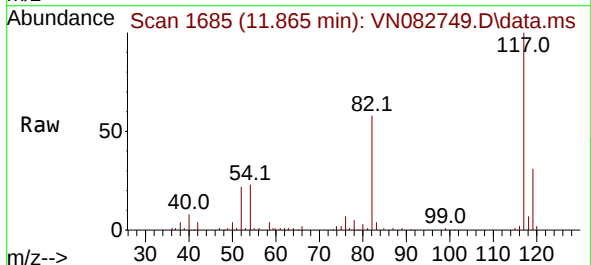
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

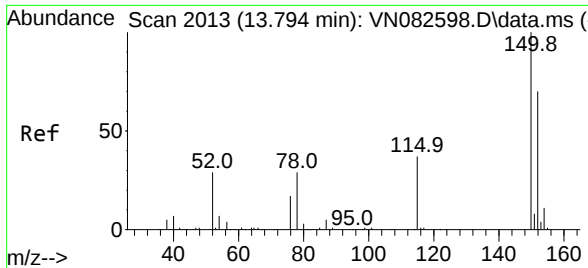
Tgt Ion: 95 Resp: 56178
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 74.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082749.D
Acq: 28 Jun 2024 16:36

Tgt Ion: 117 Resp: 134250
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.1 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: VN082749.D
 Acq: 28 Jun 2024 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 54153
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.6 91.6
 150 159.2 0.0 348.6

