

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081786.D
 Acq On : 18 Apr 2024 14:42
 Operator : JC\MD
 Sample : P2121-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1348

Quant Time: Apr 19 01:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

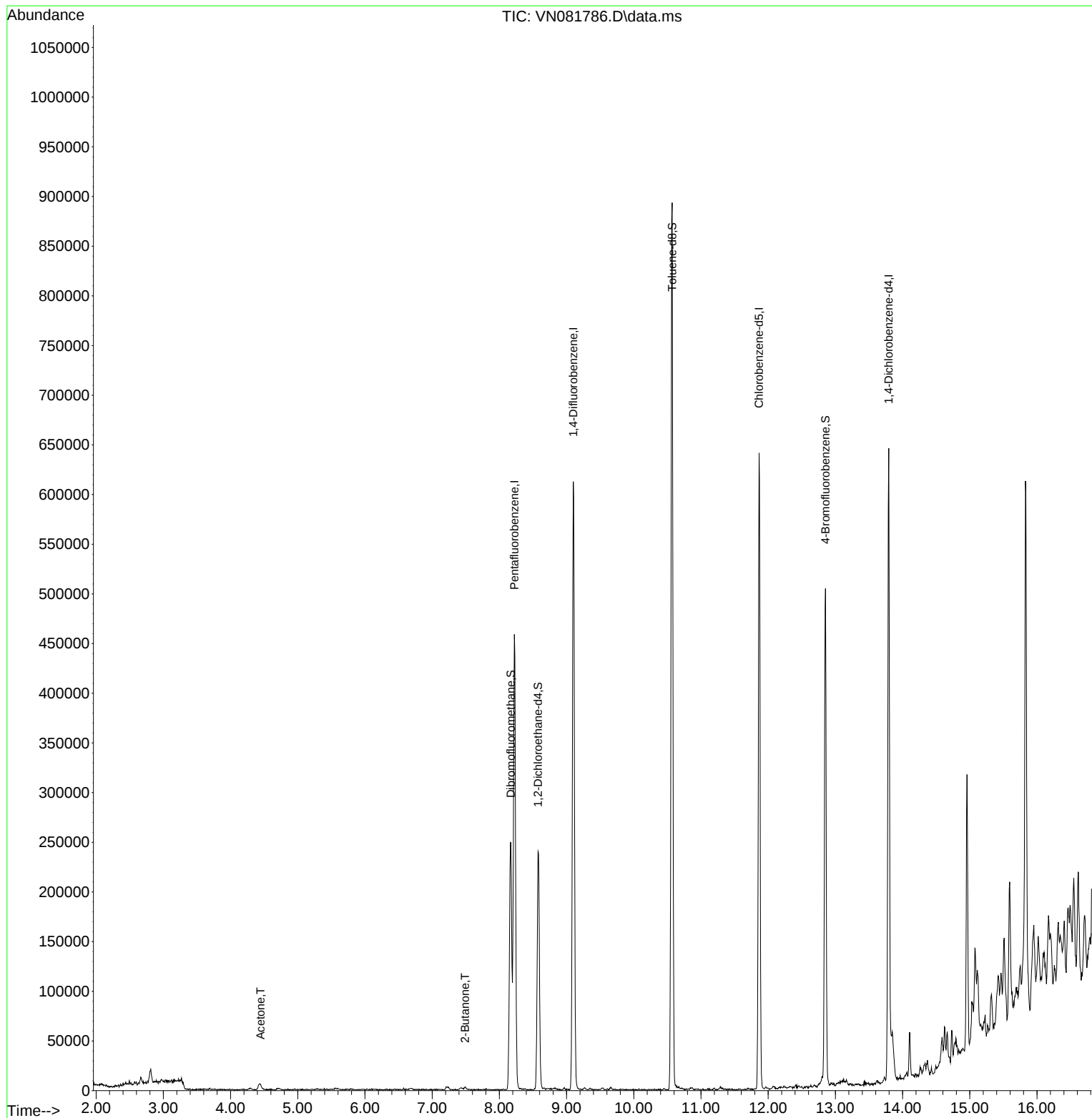
Internal Standards						
1) Pentafluorobenzene	8.224	168	347252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	562381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199235	40.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.540%
35) Dibromofluoromethane	8.171	113	180008	48.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	649096	47.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.853	95	172412	36.878	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	73.760%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	12701	9.339	ug/l	89
25) 2-Butanone	7.488	43	3984	1.777	ug/l	97

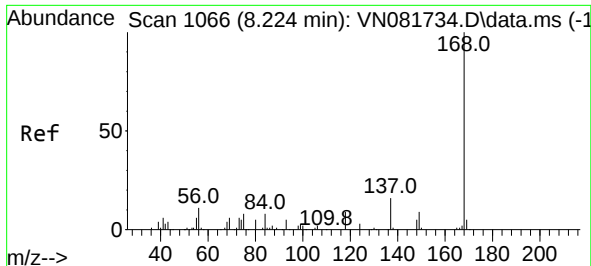
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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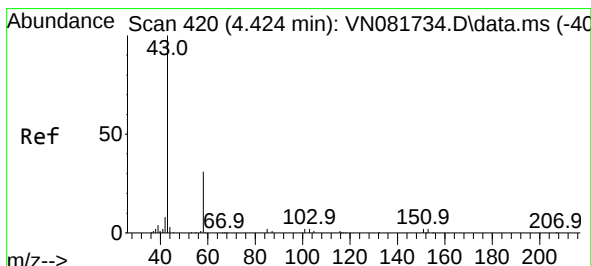
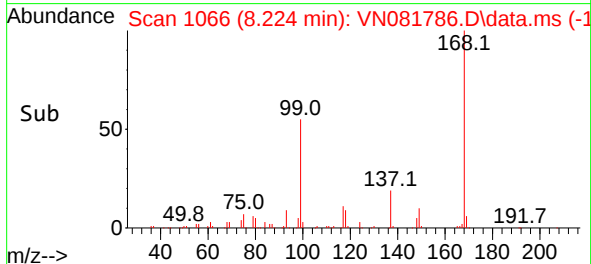
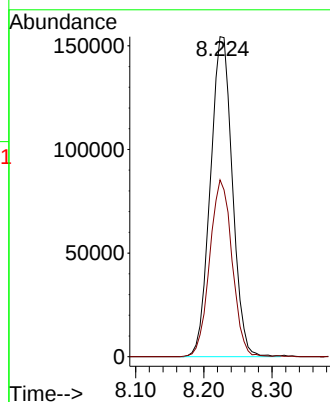
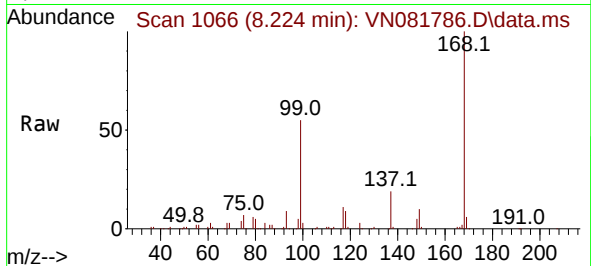




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

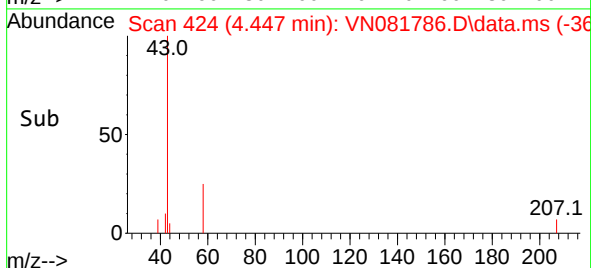
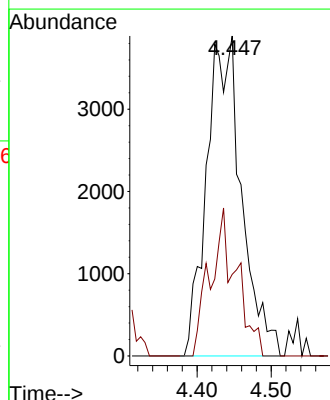
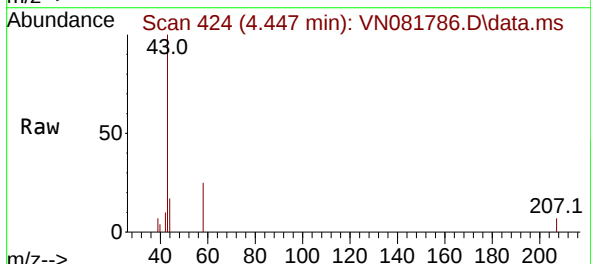
Instrument :
MSVOA_N
ClientSampleId :
1348

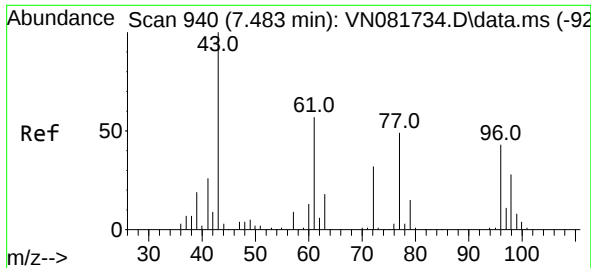
Tgt Ion:168 Resp: 347252
Ion Ratio Lower Upper
168 100
99 55.3 48.2 72.4



#16
Acetone
Concen: 9.339 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

Tgt Ion: 43 Resp: 12701
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8

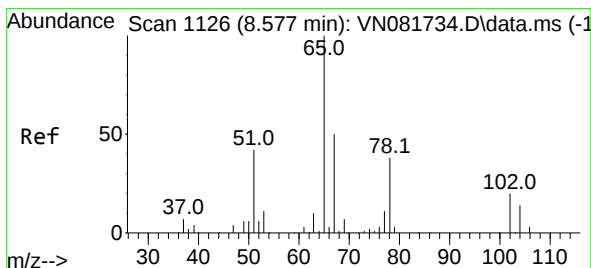
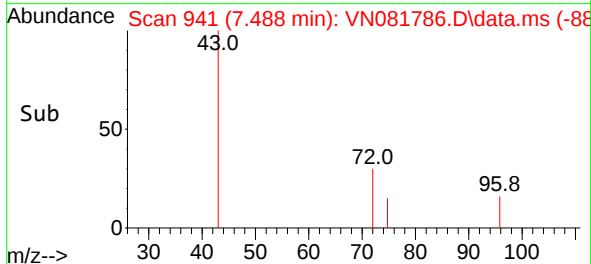
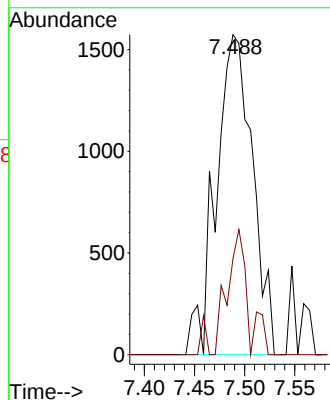
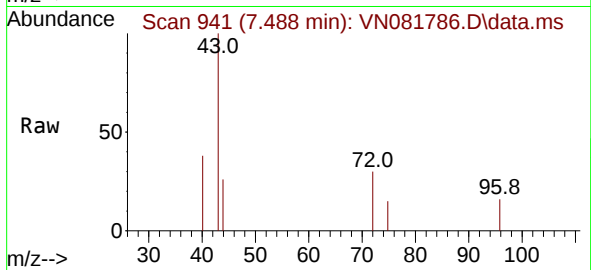




#25
2-Butanone
Concen: 1.777 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

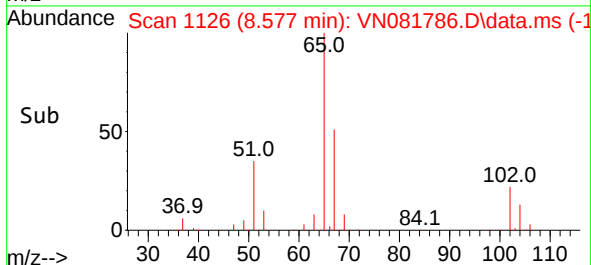
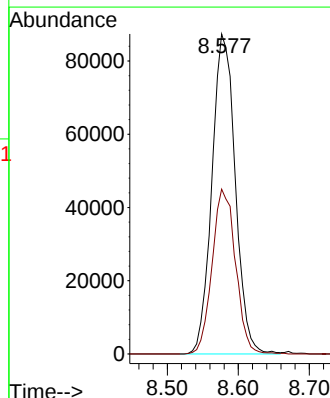
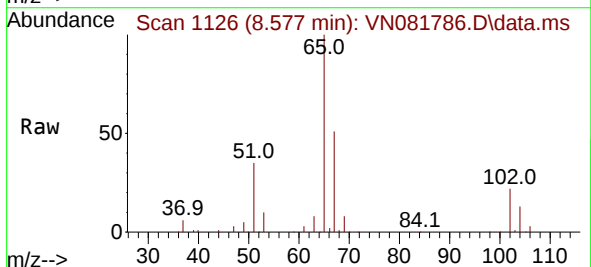
Instrument :
MSVOA_N
ClientSampleId :
1348

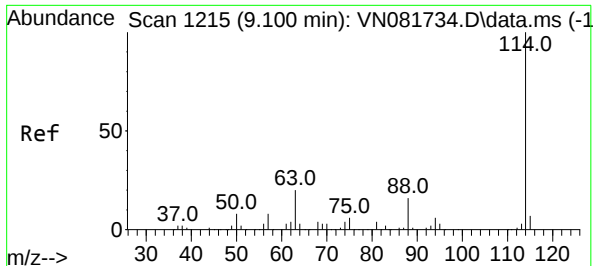
Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
72 30.1 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 40.773 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

Tgt Ion: 65 Resp: 199235
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN081786.D

Acq: 18 Apr 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

1348

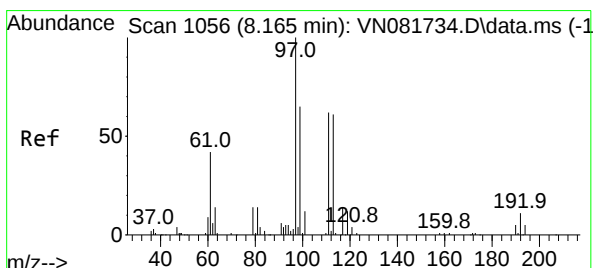
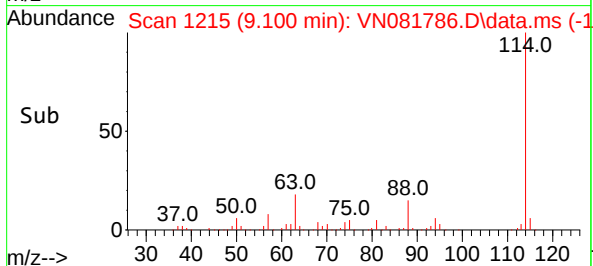
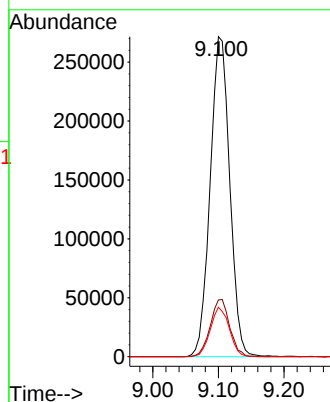
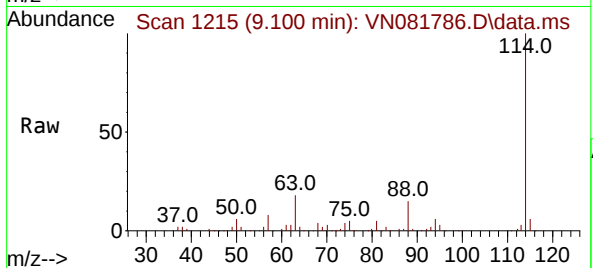
Tgt Ion:114 Resp: 562381

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.0

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.472 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081786.D

Acq: 18 Apr 2024 14:42

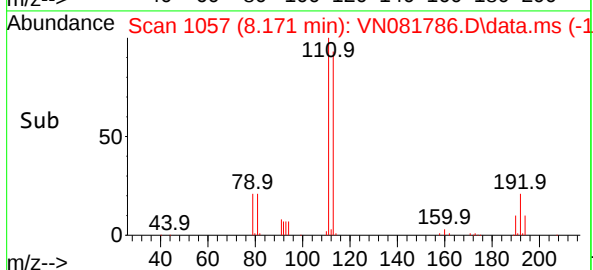
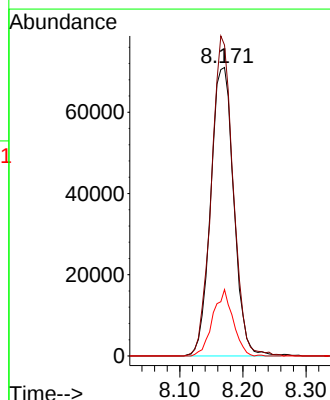
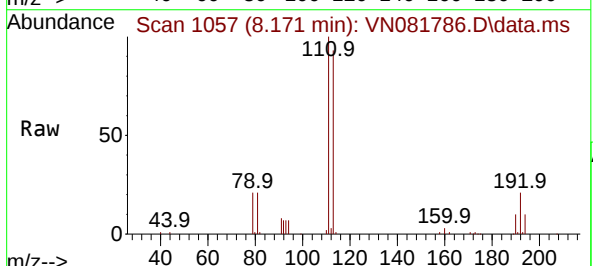
Tgt Ion:113 Resp: 180008

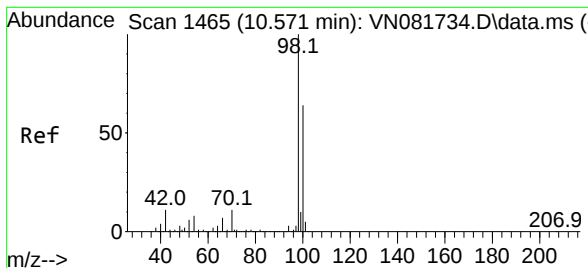
Ion Ratio Lower Upper

113 100

111 104.9 83.4 125.2

192 20.2 14.0 21.0

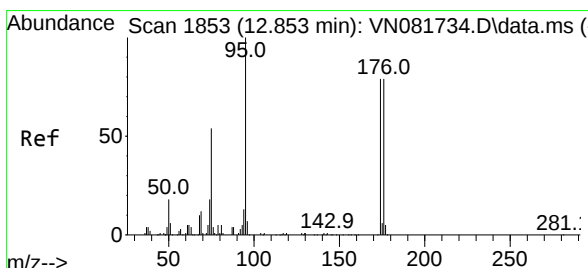
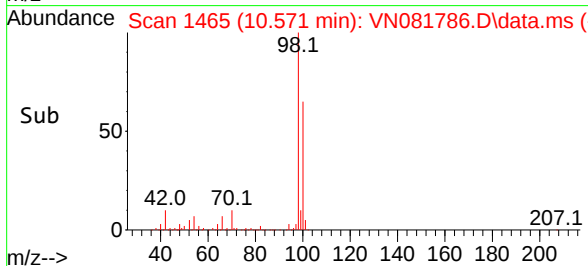
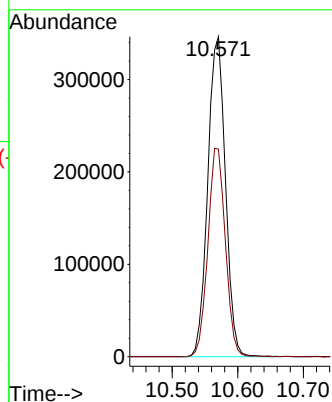
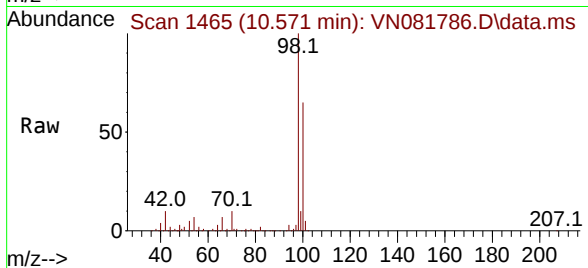




#50
Toluene-d8
Concen: 47.445 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

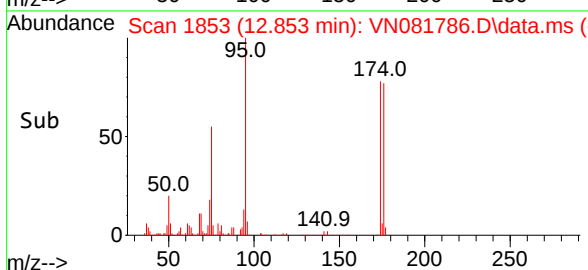
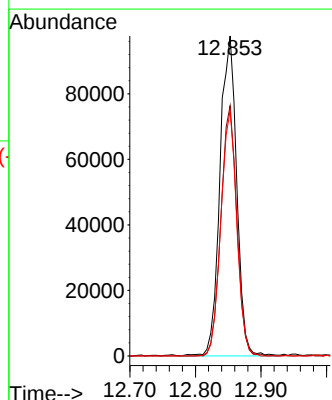
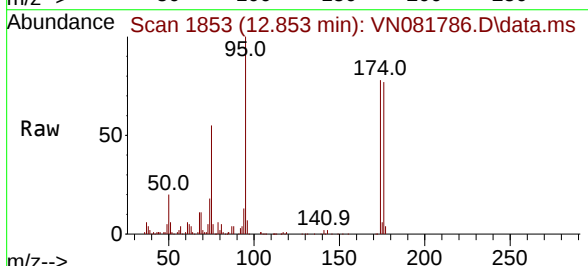
Instrument :
MSVOA_N
ClientSampleId :
1348

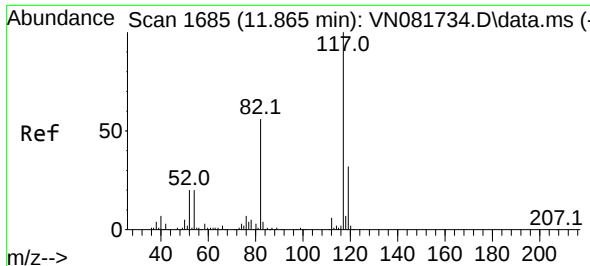
Tgt Ion: 98 Resp: 649096
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 36.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

Tgt Ion: 95 Resp: 172412
Ion Ratio Lower Upper
95 100
174 74.3 0.0 160.6
176 72.7 0.0 152.8

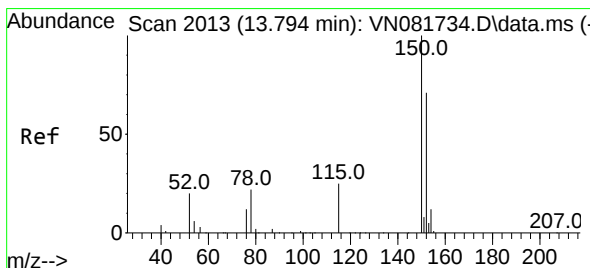
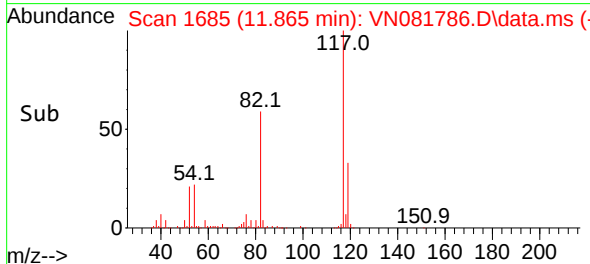
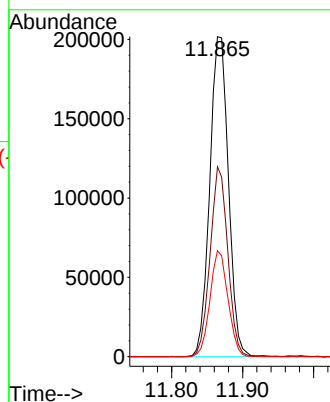
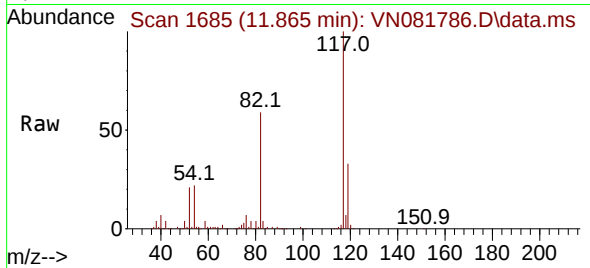




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
1348

Tgt Ion:117 Resp: 368001
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081786.D
Acq: 18 Apr 2024 14:42

Tgt Ion:152 Resp: 161322
Ion Ratio Lower Upper
152 100
115 62.8 30.4 91.3
150 160.2 0.0 353.2

