

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081794.D
 Acq On : 18 Apr 2024 17:54
 Operator : JC\MD
 Sample : P2121-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4825

Quant Time: Apr 19 02:10:31 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)

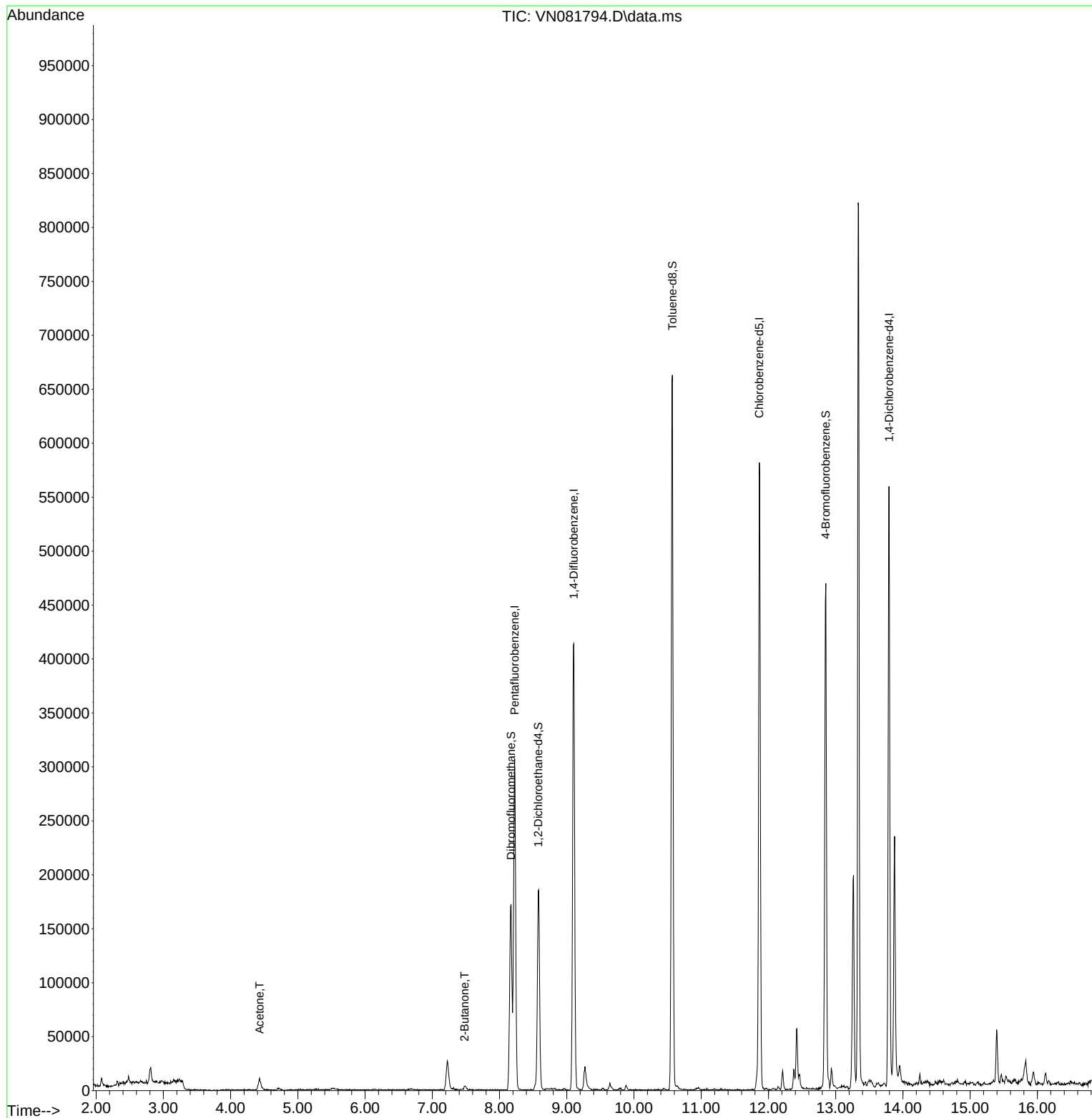
Internal Standards						
1) Pentafluorobenzene	8.224	168	214703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154810	51.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.480%	
35) Dibromofluoromethane	8.171	113	121161	49.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.000%	
50) Toluene-d8	10.571	98	455585	50.521	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.853	95	158647	51.482	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	18550	22.060	ug/l	94
25) 2-Butanone	7.483	43	5772	4.164	ug/l #	83

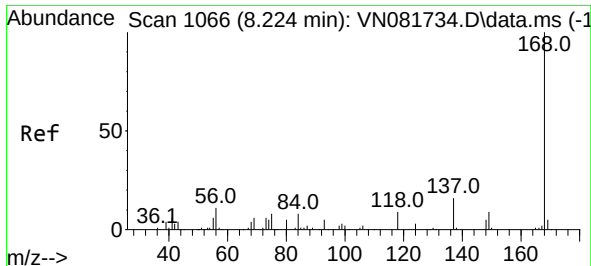
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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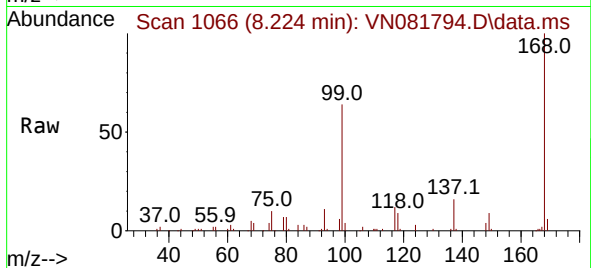
Quant Time: Apr 19 02:10:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration



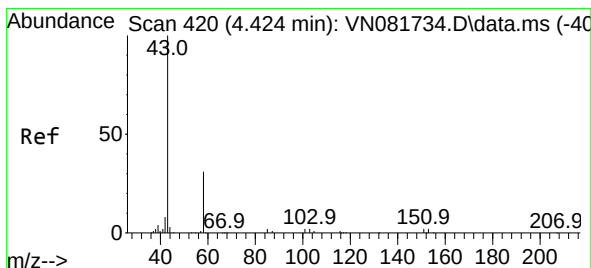
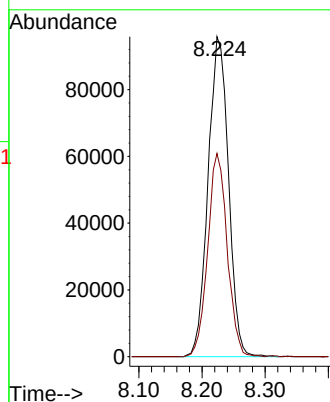
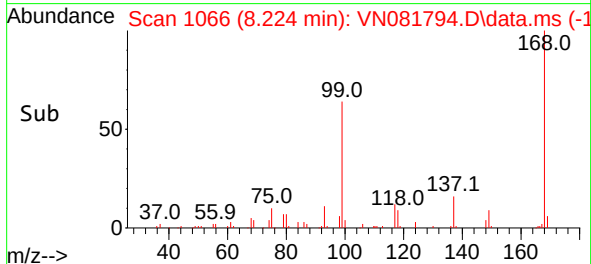


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

Instrument :
MSVOA_N
ClientSampleId :
4825

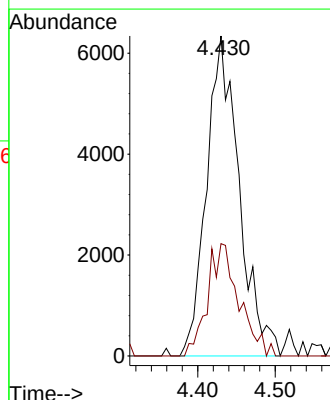
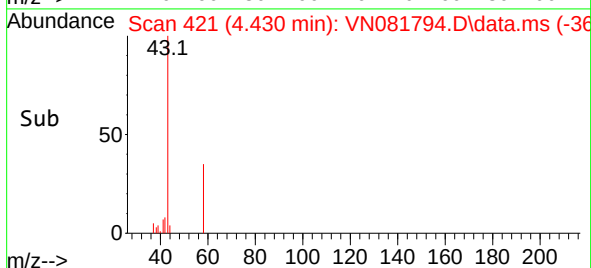
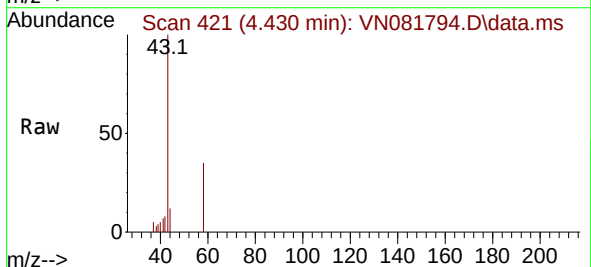


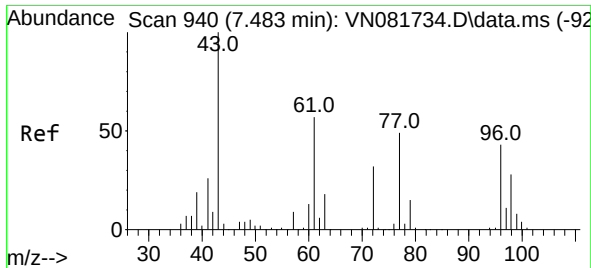
Tgt Ion:168 Resp: 214703
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 22.060 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

Tgt Ion: 43 Resp: 18550
Ion Ratio Lower Upper
43 100
58 35.1 25.2 37.8

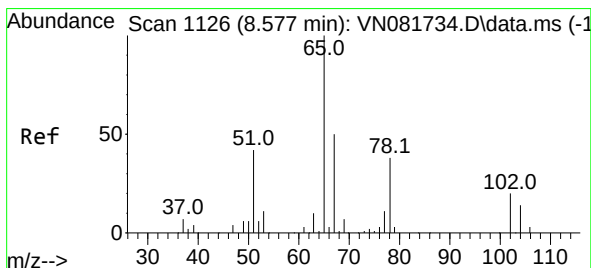
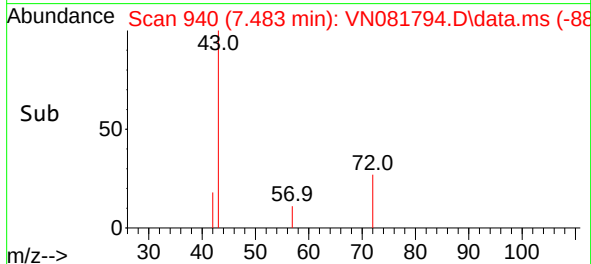
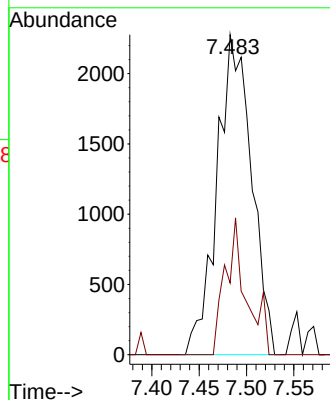
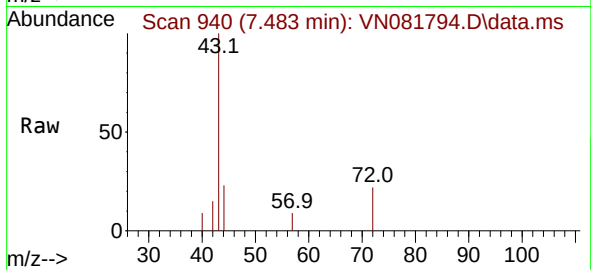




#25
2-Butanone
Concen: 4.164 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

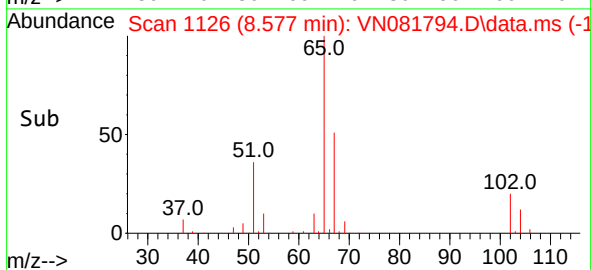
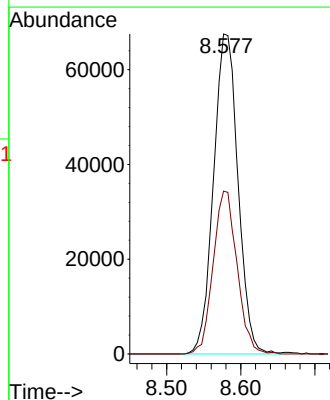
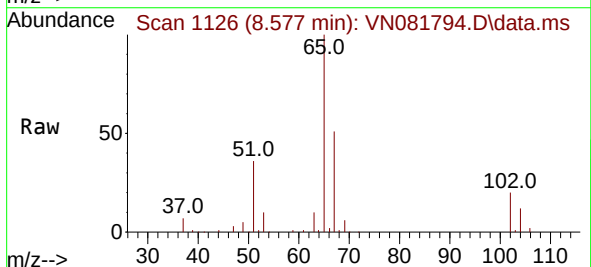
Instrument :
MSVOA_N
ClientSampleId :
4825

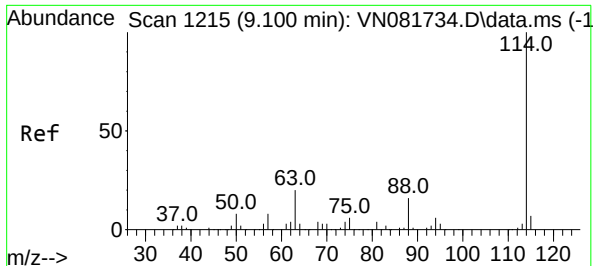
Tgt Ion: 43 Resp: 5772
Ion Ratio Lower Upper
43 100
72 22.4 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 51.241 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

Tgt Ion: 65 Resp: 154810
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081794.D

Acq: 18 Apr 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

4825

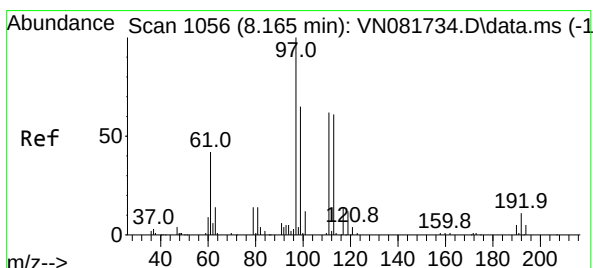
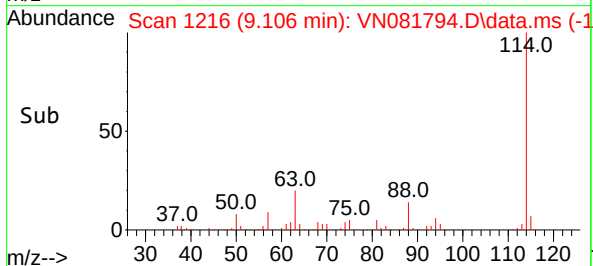
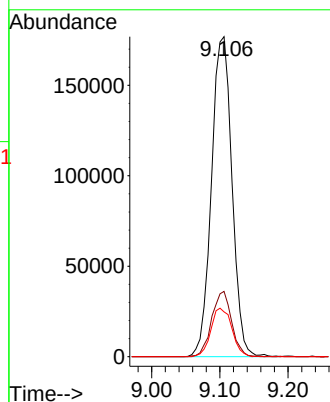
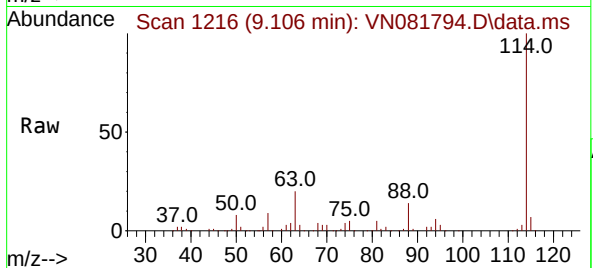
Tgt Ion:114 Resp: 370692

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.497 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081794.D

Acq: 18 Apr 2024 17:54

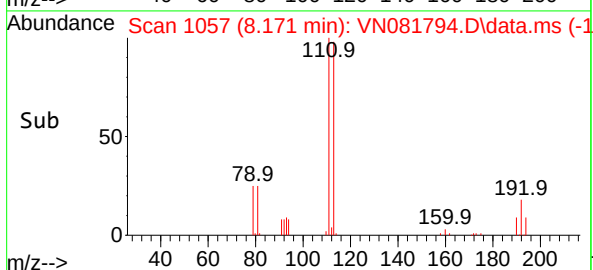
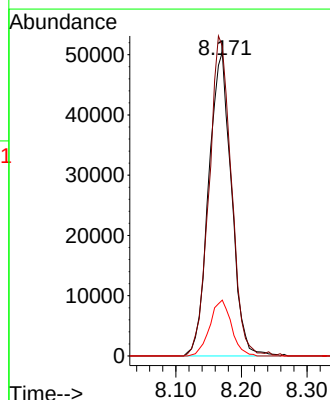
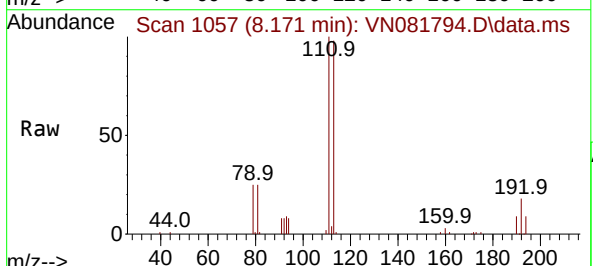
Tgt Ion:113 Resp: 121161

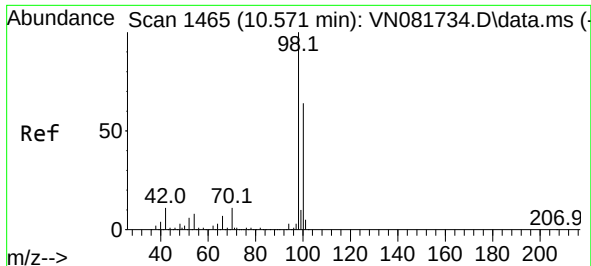
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 17.5 14.0 21.0

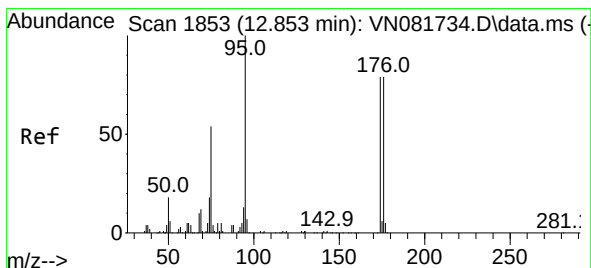
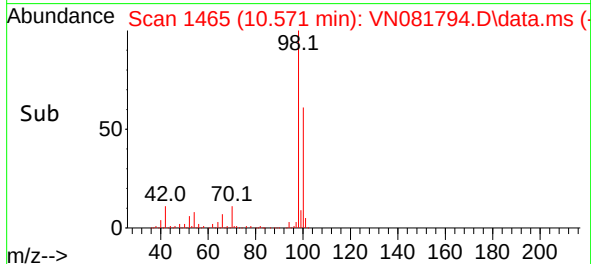
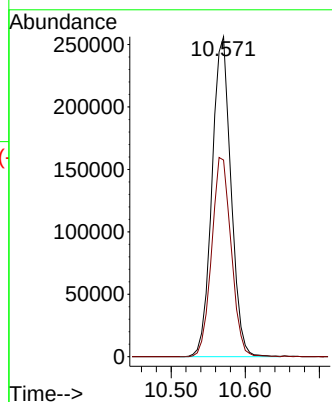
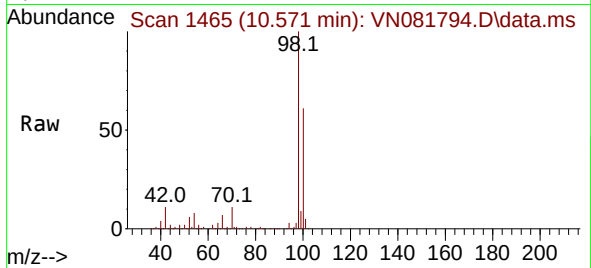




#50
Toluene-d8
Concen: 50.521 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

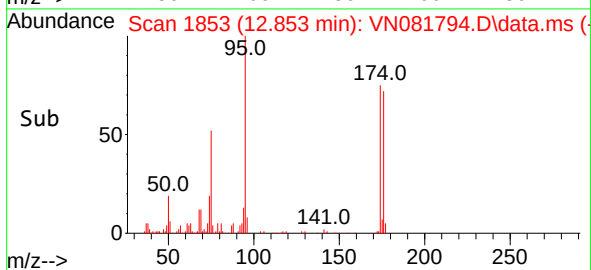
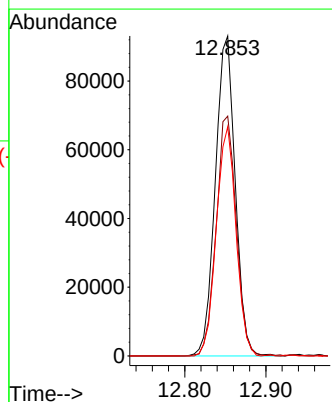
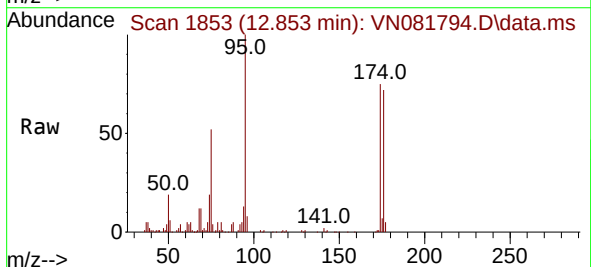
Instrument :
MSVOA_N
ClientSampleId :
4825

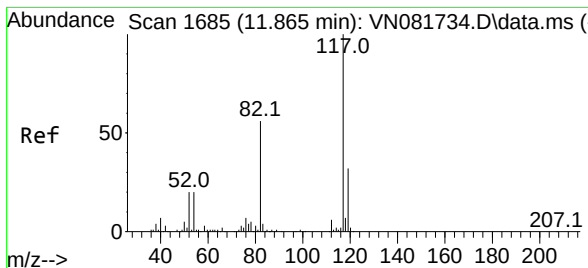
Tgt Ion: 98 Resp: 455585
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.482 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081794.D
Acq: 18 Apr 2024 17:54

Tgt Ion: 95 Resp: 158647
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 71.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081794.D

Acq: 18 Apr 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

4825

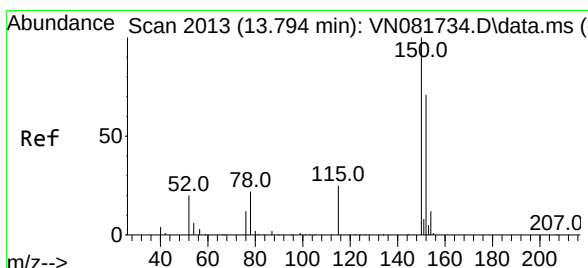
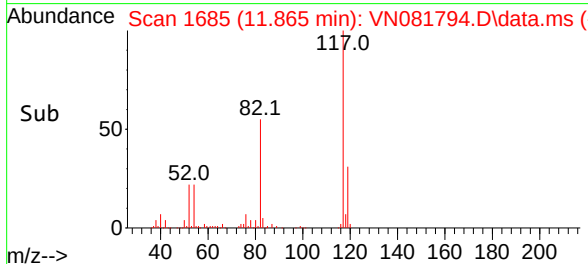
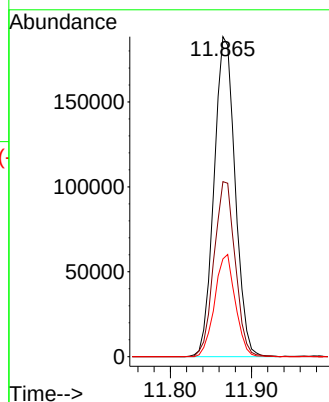
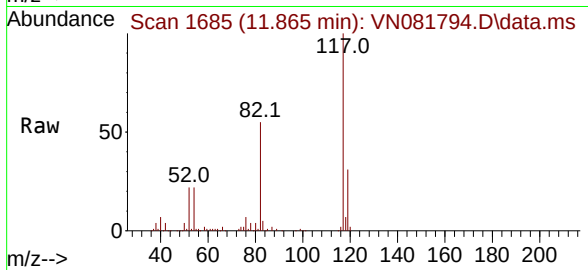
Tgt Ion:117 Resp: 340247

Ion Ratio Lower Upper

117 100

82 54.7 44.6 66.8

119 30.6 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: VN081794.D

Acq: 18 Apr 2024 17:54

Tgt Ion:152 Resp: 142463

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 163.4 0.0 353.2

