

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081644.D
 Acq On : 01 Apr 2024 13:10
 Operator : JC\MD
 Sample : P1923-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1

Quant Time: Apr 02 01:13:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

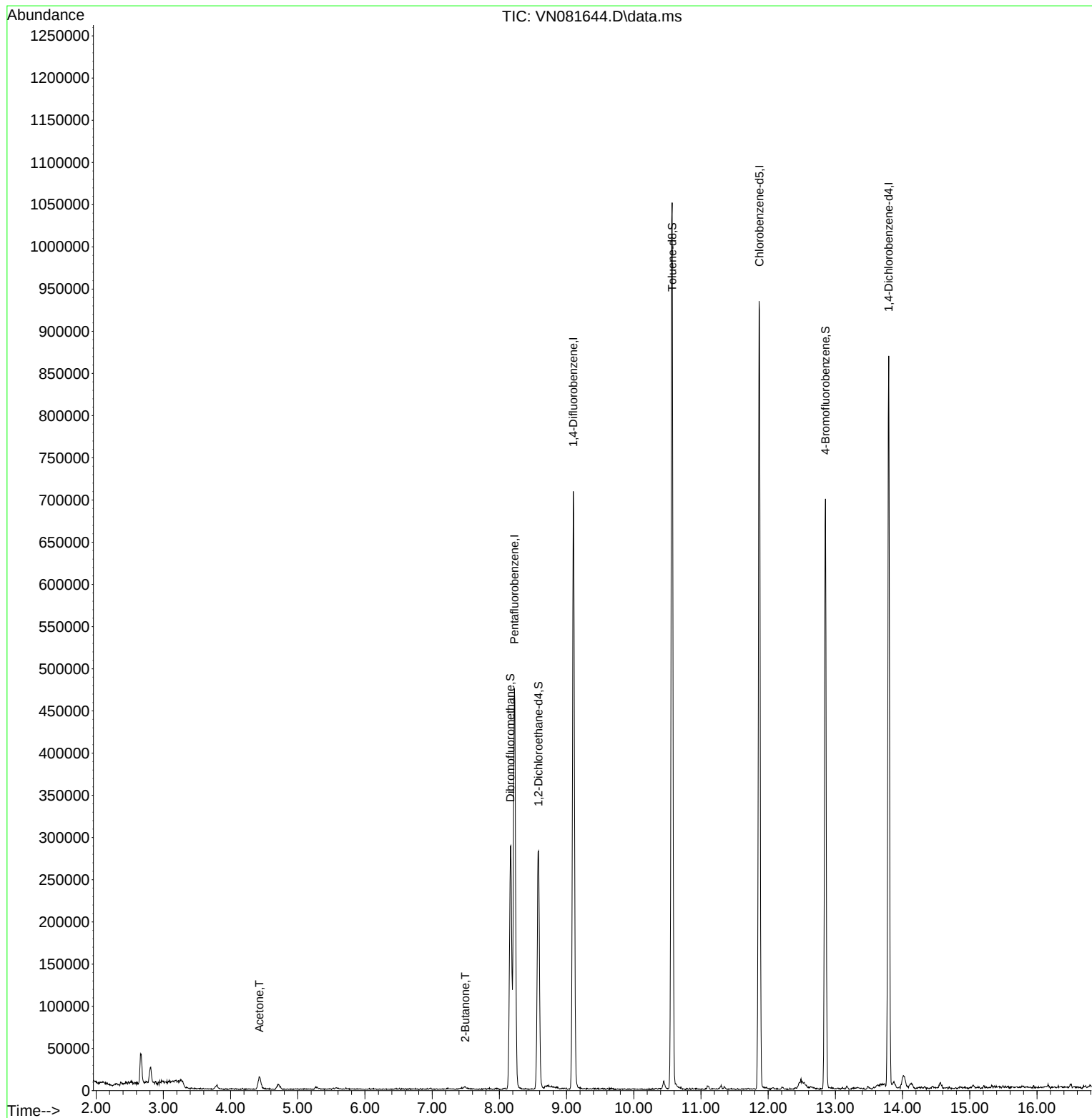
Internal Standards						
1) Pentafluorobenzene	8.224	168	336660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	622055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	572326	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236085	54.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.980%	
35) Dibromofluoromethane	8.165	113	207504	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	10.571	98	745282	52.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.853	95	237324	47.460	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.920%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	28353	20.435	ug/l	91
25) 2-Butanone	7.494	43	5432	2.283	ug/l	# 89

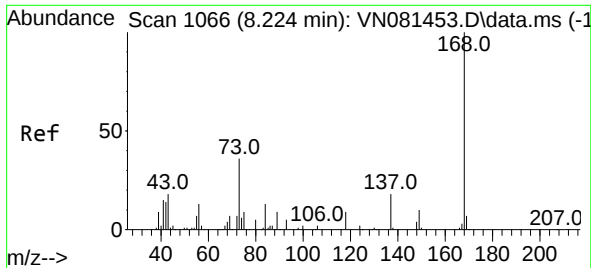
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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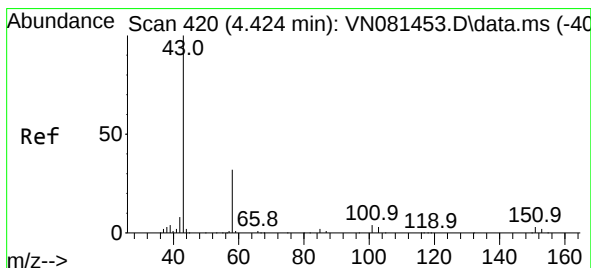
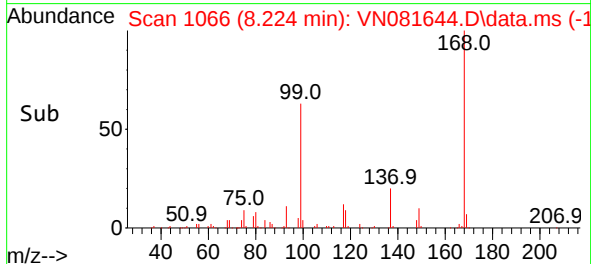
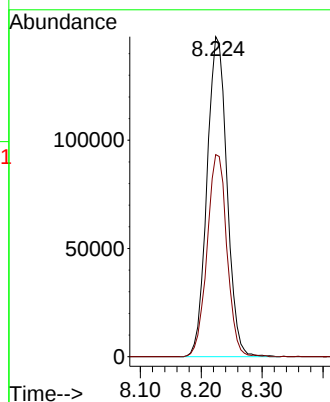
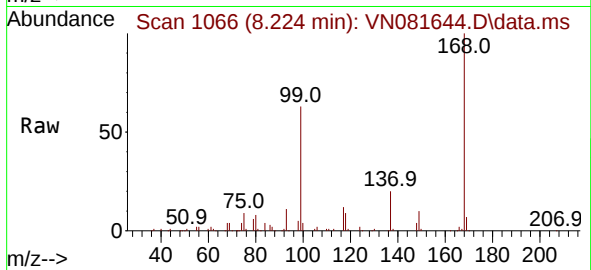




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

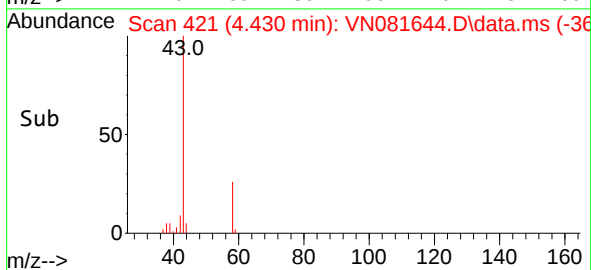
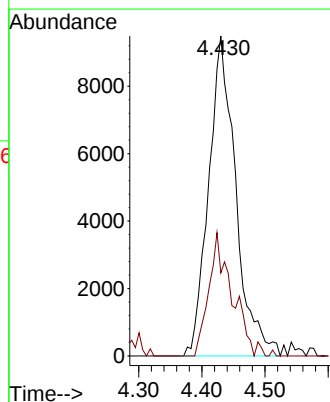
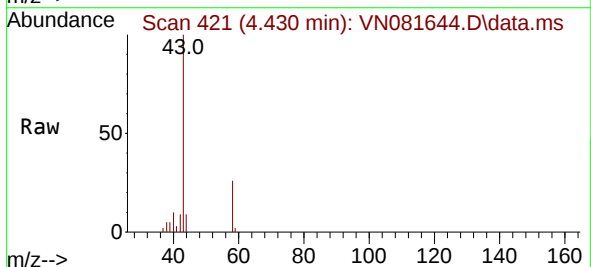
Instrument :
MSVOA_N
ClientSampleId :
OF-1

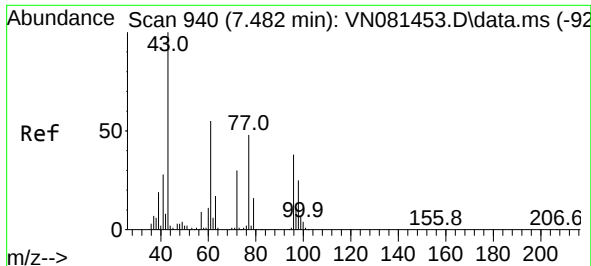
Tgt Ion:168 Resp: 336660
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#16
Acetone
Concen: 20.435 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 43 Resp: 28353
Ion Ratio Lower Upper
43 100
58 26.0 24.8 37.2

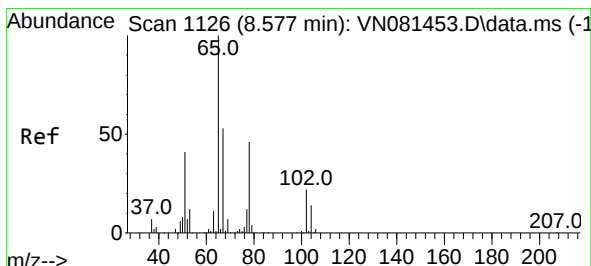
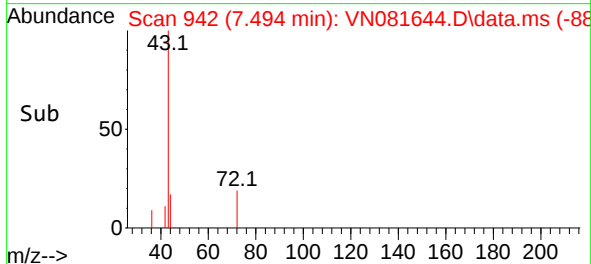
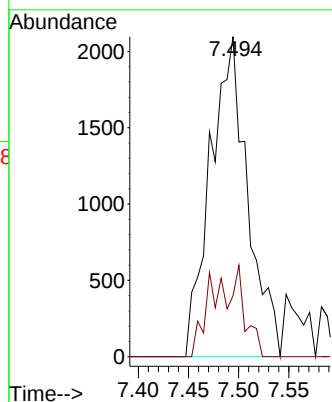
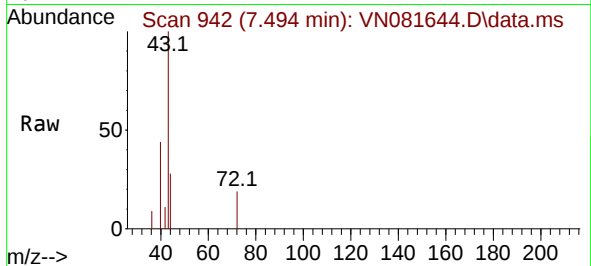




#25
2-Butanone
Concen: 2.283 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

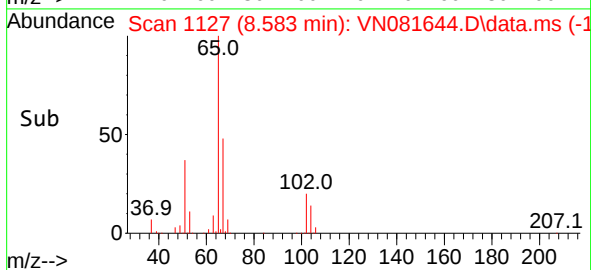
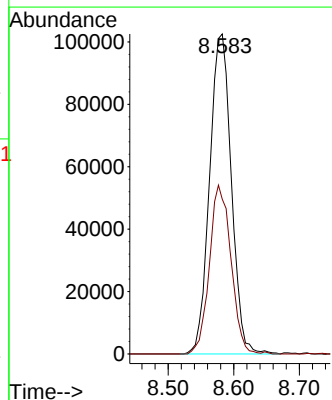
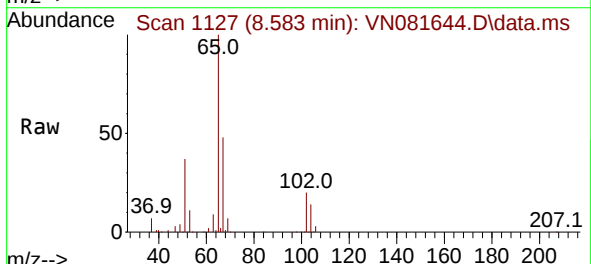
Instrument :
MSVOA_N
ClientSampleId :
OF-1

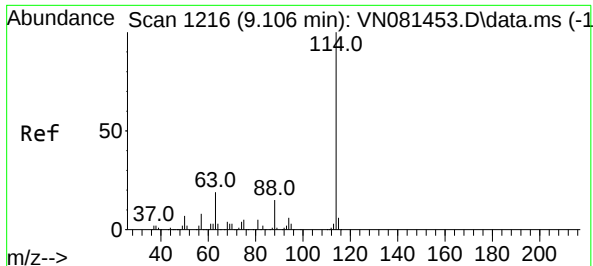
Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
72 19.0 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 54.989 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 65 Resp: 236085
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

OF-1

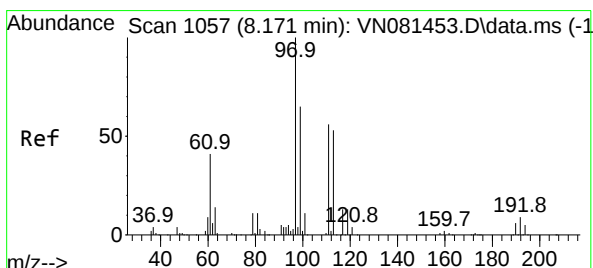
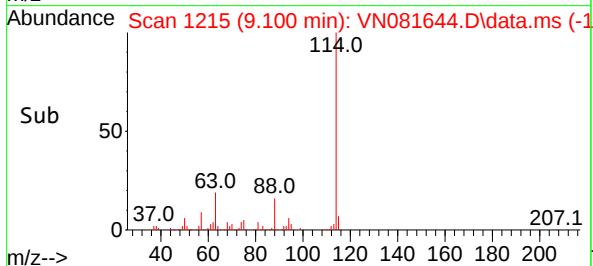
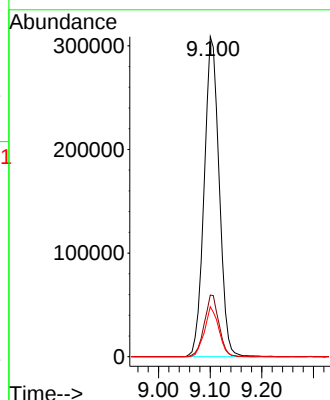
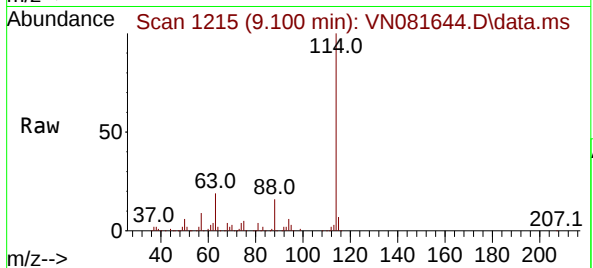
Tgt Ion:114 Resp: 622055

Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

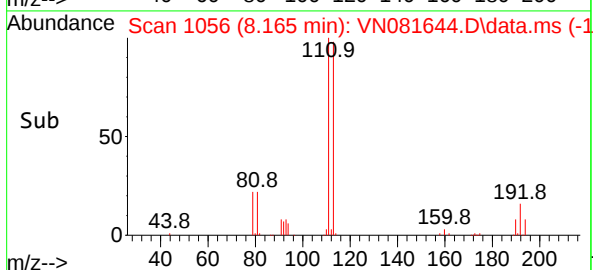
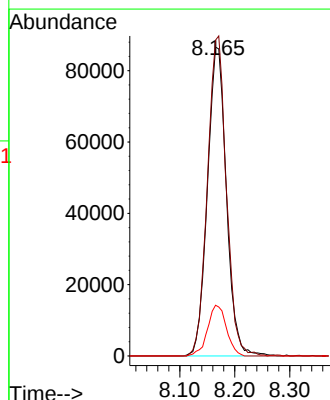
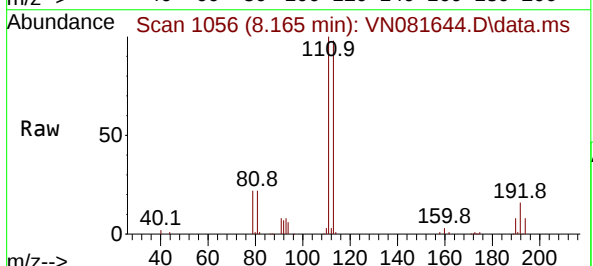
Tgt Ion:113 Resp: 207504

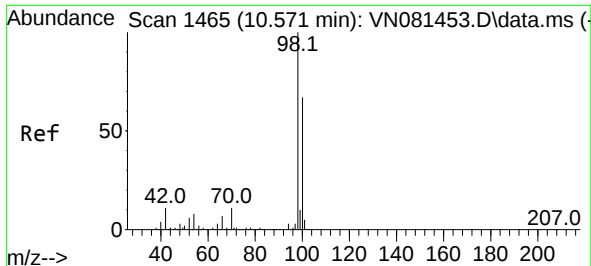
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.4 12.5 18.7

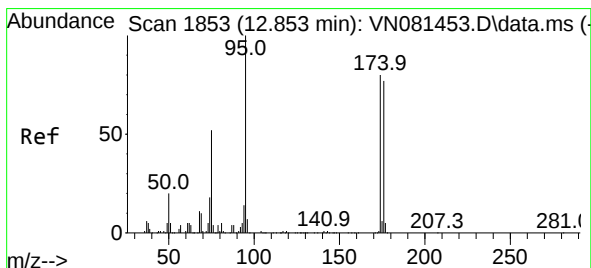
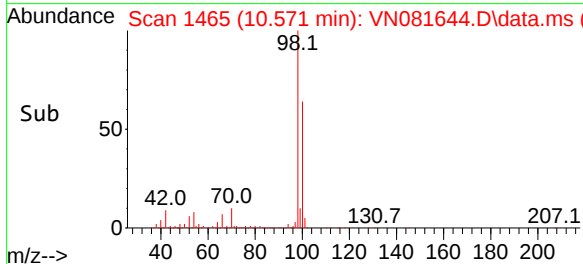
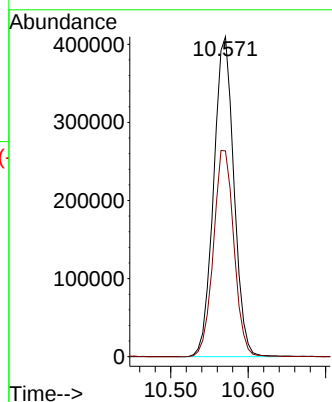
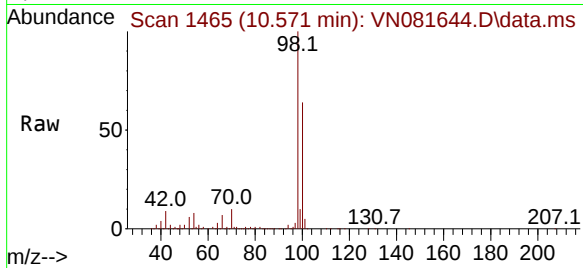




#50
Toluene-d8
Concen: 52.517 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

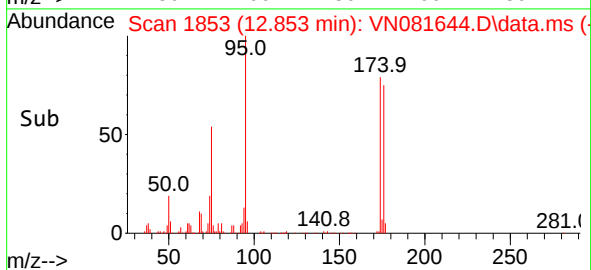
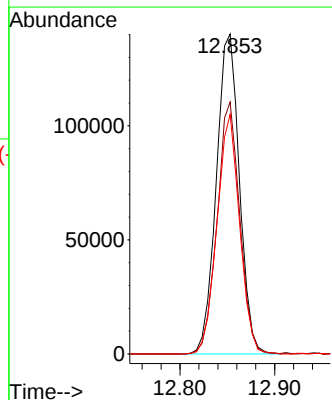
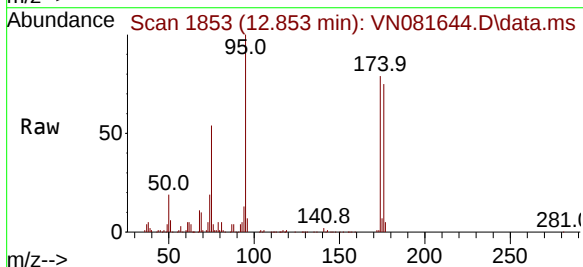
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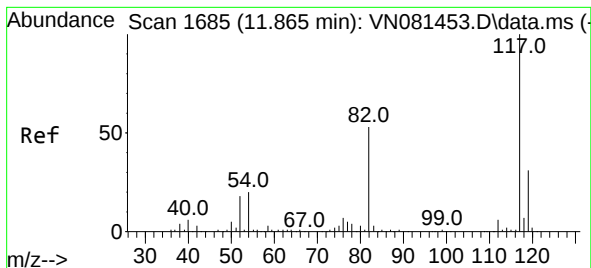
Tgt Ion: 98 Resp: 745282
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 95 Resp: 237324
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 73.3 0.0 121.0

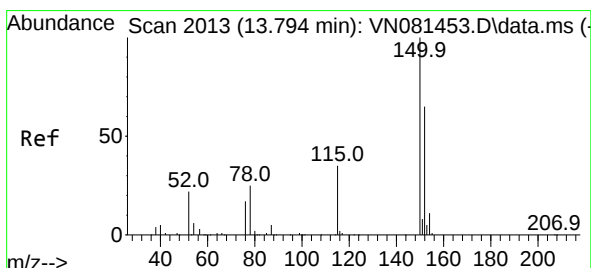
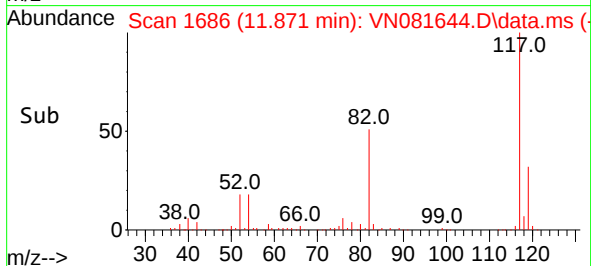
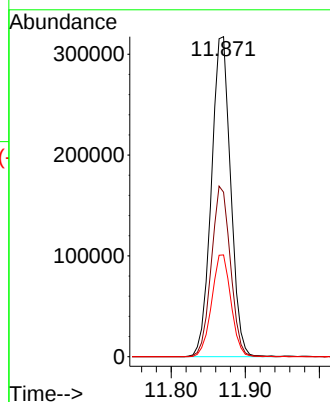
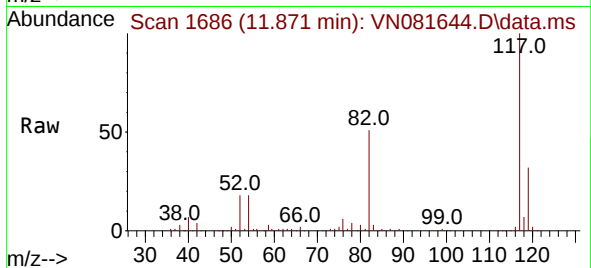




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion:117 Resp: 572326
Ion Ratio Lower Upper
117 100
82 51.4 52.7 79.1#
119 31.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion:152 Resp: 231369
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.5 0.0 339.8

