

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081724.D
 Acq On : 12 Apr 2024 17:43
 Operator : JC\MD
 Sample : P2070-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 13 06:59:46 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)

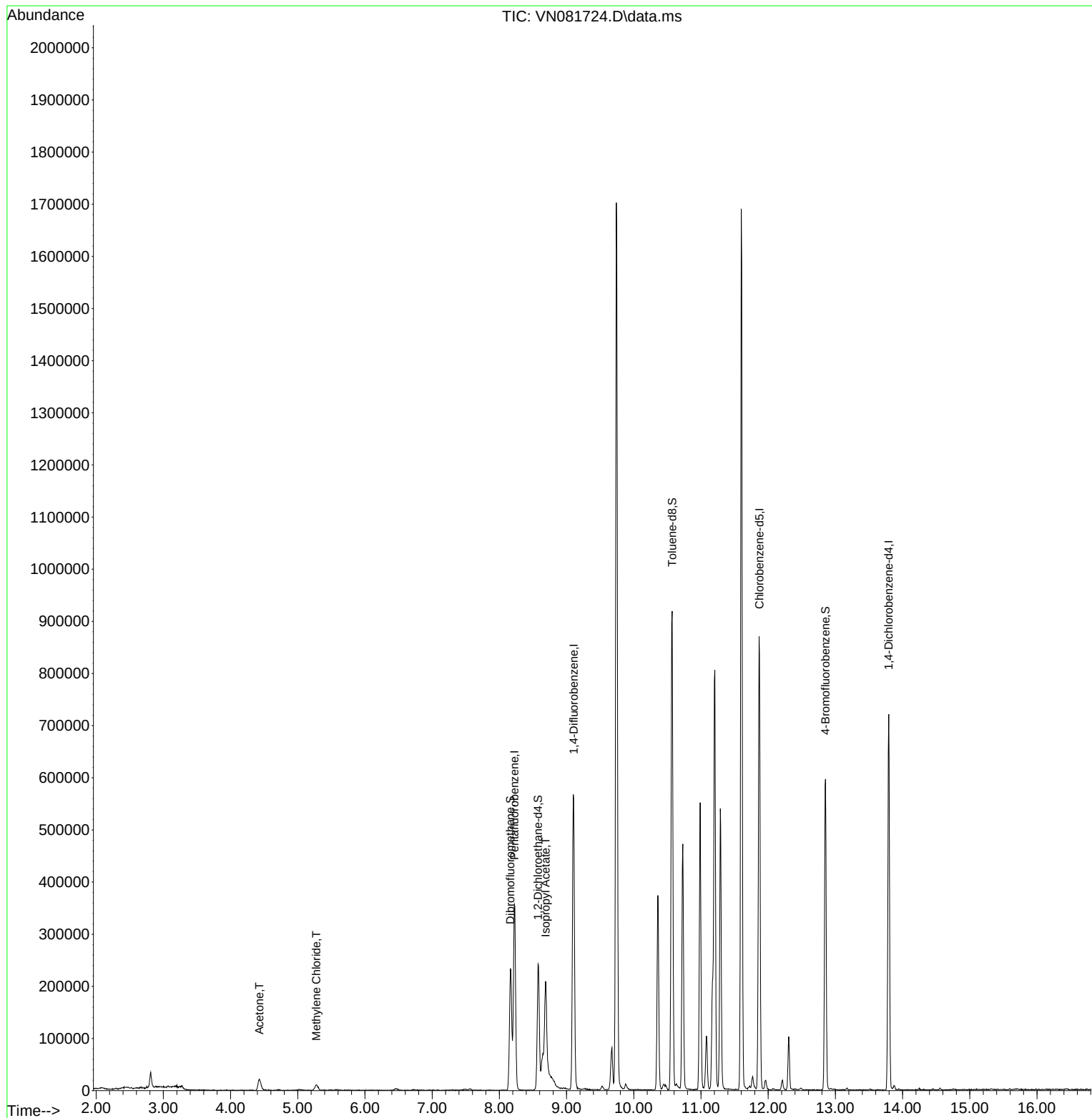
Internal Standards						
1) Pentafluorobenzene	8.224	168	248987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	501150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509113	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195185	61.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.940%	
35) Dibromofluoromethane	8.165	113	162782	51.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	10.571	98	637470	55.757	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	12.853	95	204579	50.782	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.560%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	41230	40.179	ug/l	95
20) Methylene Chloride	5.277	84	8059	2.398	ug/l	# 63
43) Isopropyl Acetate	8.688	43	303323	40.149	ug/l	# 80

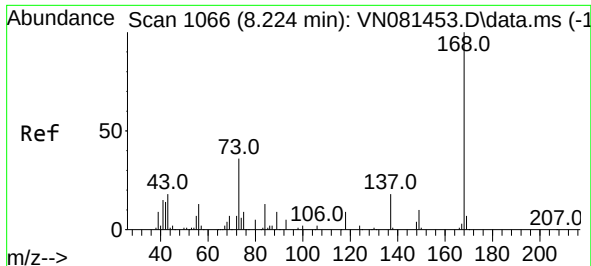
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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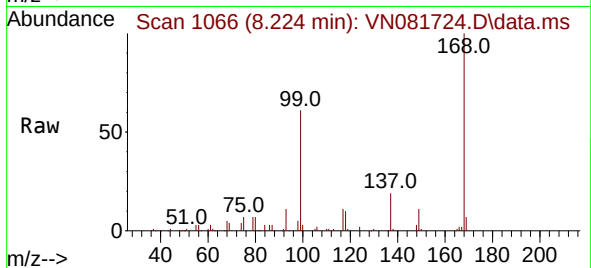
Quant Time: Apr 13 06:59:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
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QLast Update : Tue Mar 19 06:00:00 2024
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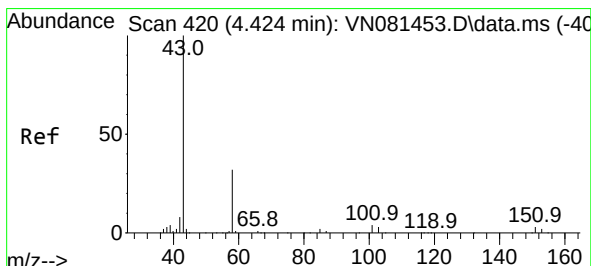
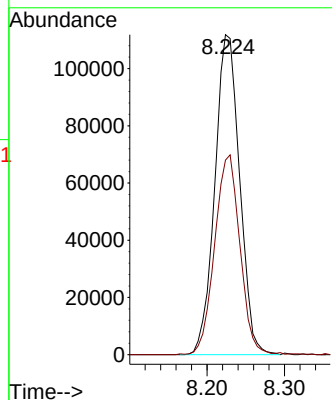
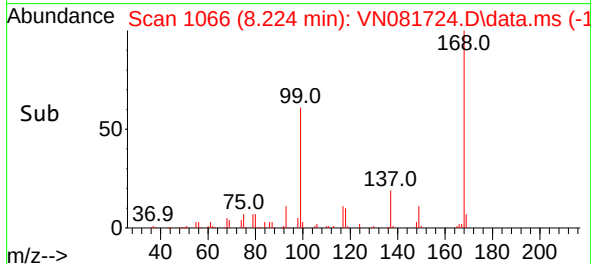


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
TP-4

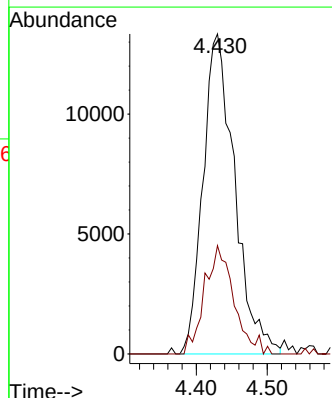
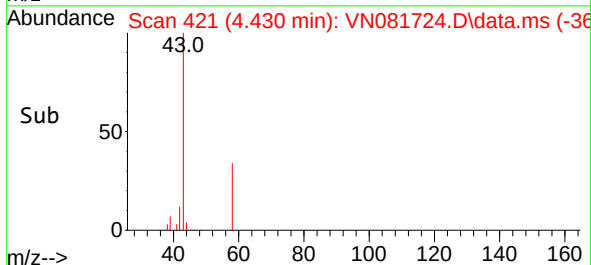
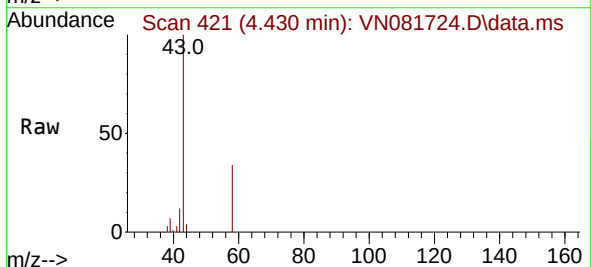


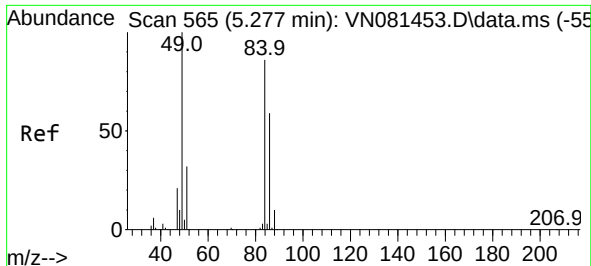
Tgt Ion:168 Resp: 248987
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9



#16
Acetone
Concen: 40.179 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

Tgt Ion: 43 Resp: 41230
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2

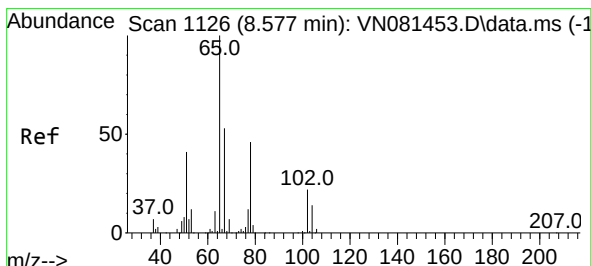
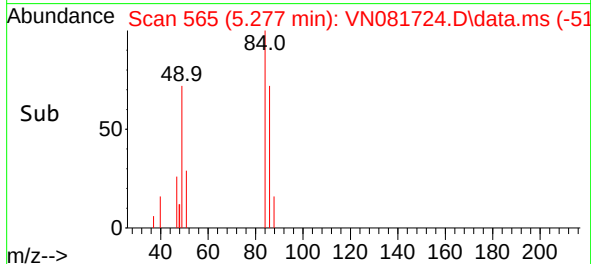
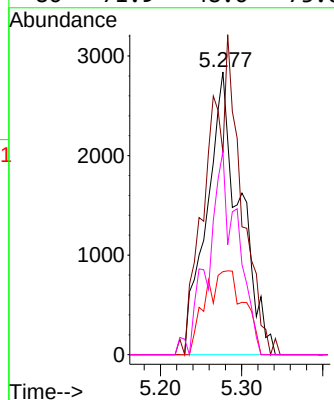
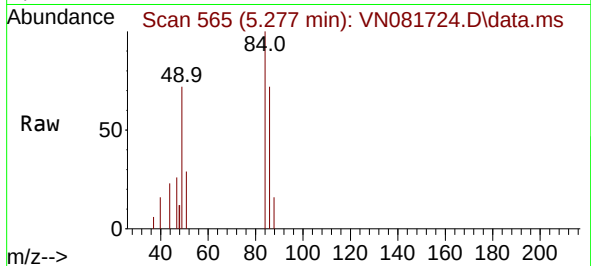




#20
Methylene Chloride
Concen: 2.398 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

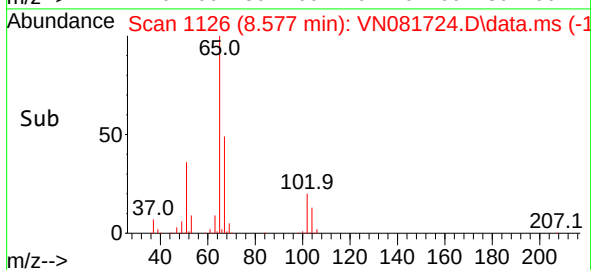
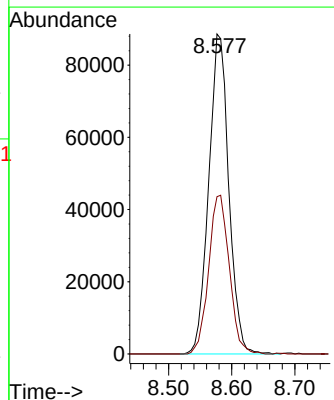
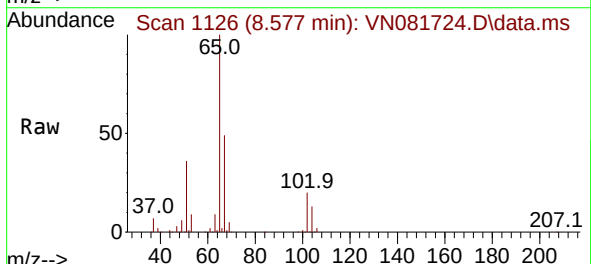
Instrument :
MSVOA_N
ClientSampleId :
TP-4

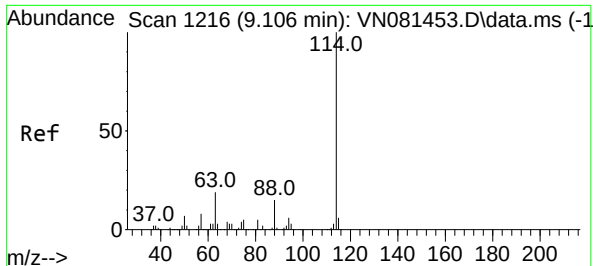
Tgt Ion:	84	Resp:	8059
Ion	Ratio	Lower	Upper
84	100		
49	71.5	108.1	162.1#
51	29.4	32.9	49.3#
86	71.9	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 61.471 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

Tgt Ion:	65	Resp:	195185
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081724.D

Acq: 12 Apr 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4

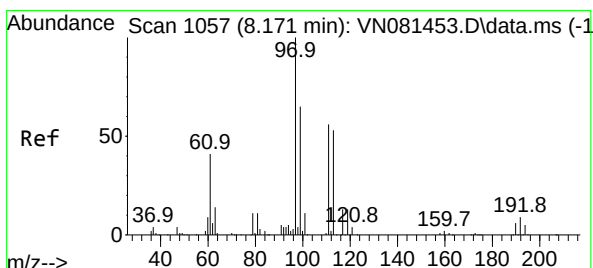
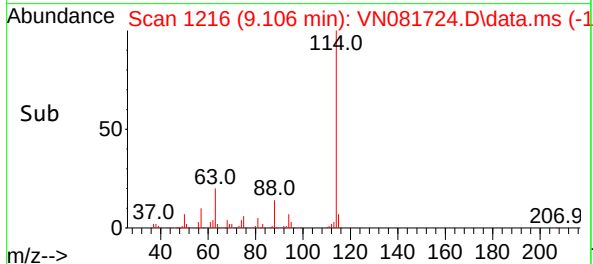
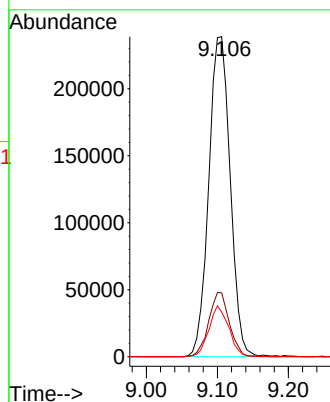
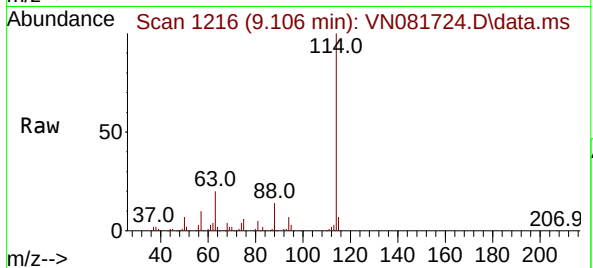
Tgt Ion:114 Resp: 501150

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 14.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.468 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081724.D

Acq: 12 Apr 2024 17:43

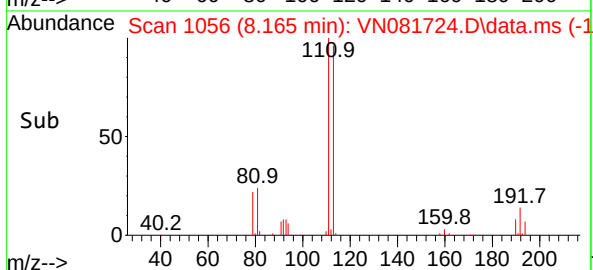
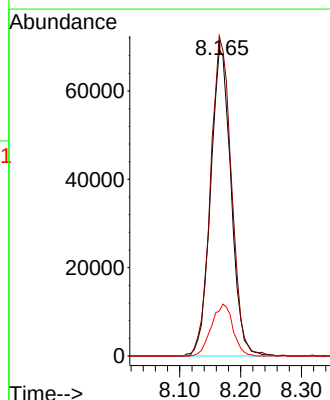
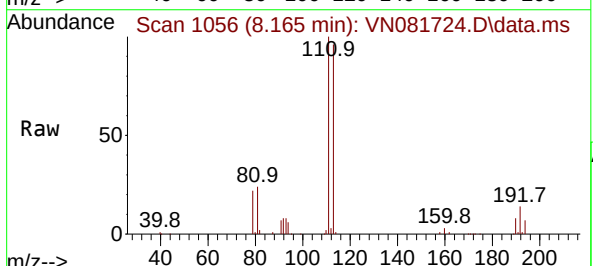
Tgt Ion:113 Resp: 162782

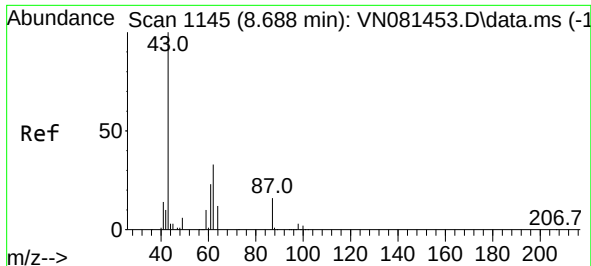
Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.4

192 17.6 12.5 18.7





#43

Isopropyl Acetate

Concen: 40.149 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081724.D

Acq: 12 Apr 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4

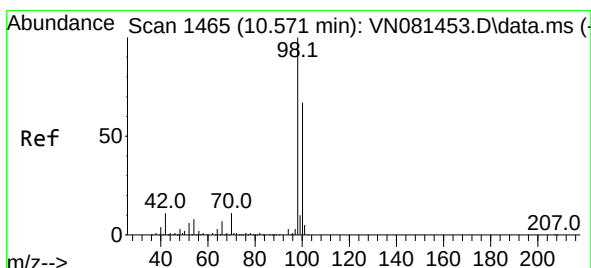
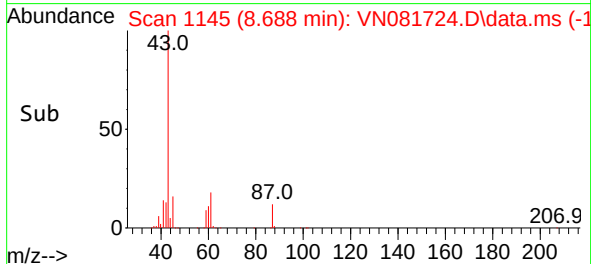
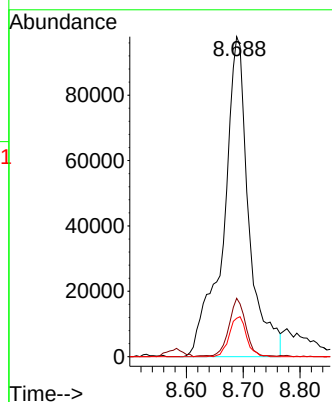
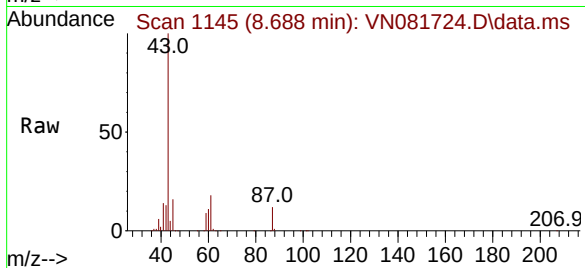
Tgt Ion: 43 Resp: 303323

Ion Ratio Lower Upper

43 100

61 12.0 19.9 29.9#

87 8.5 9.0 13.6#



#50

Toluene-d8

Concen: 55.757 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081724.D

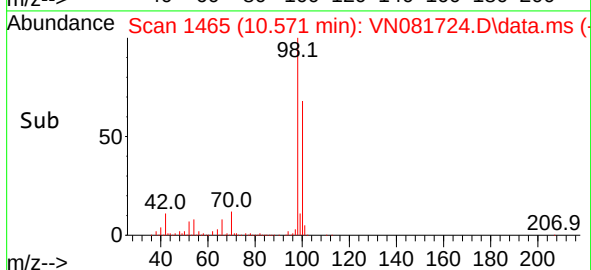
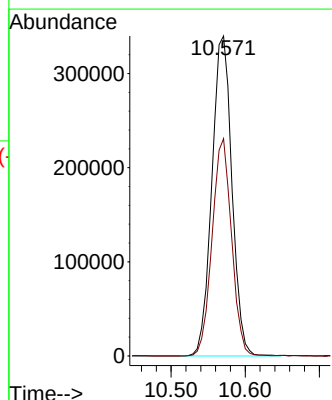
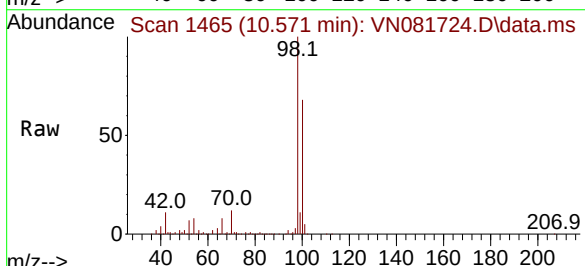
Acq: 12 Apr 2024 17:43

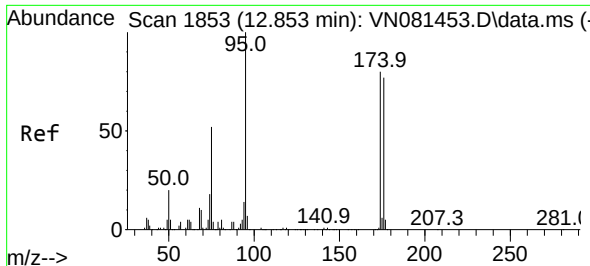
Tgt Ion: 98 Resp: 637470

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

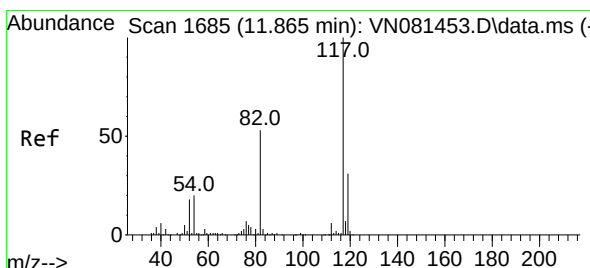
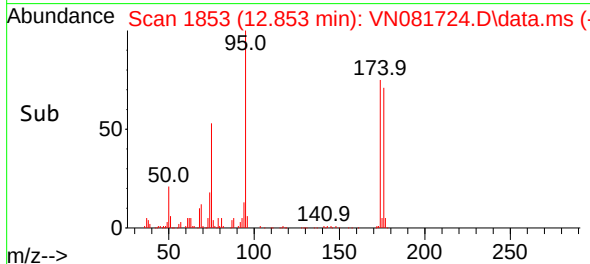
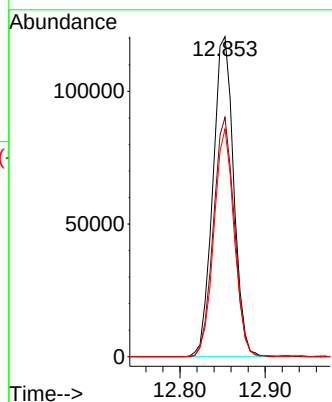
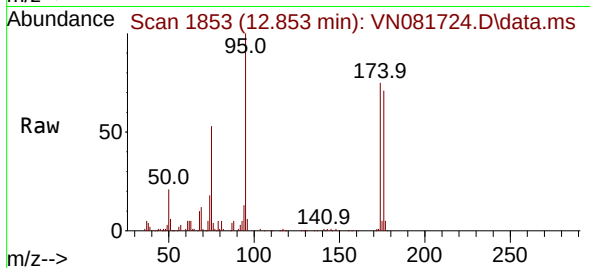




#62
4-Bromofluorobenzene
Concen: 50.782 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

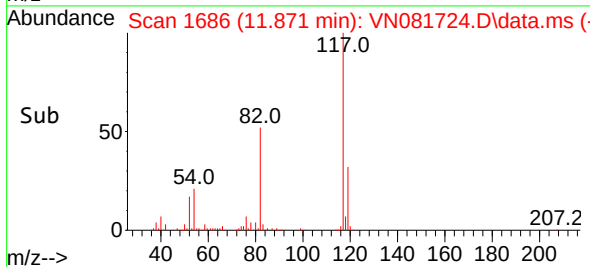
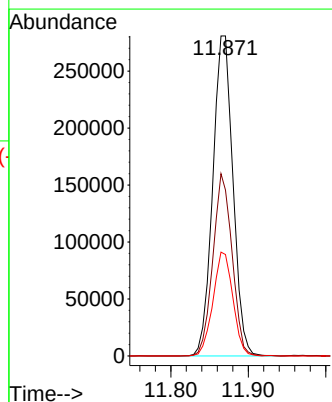
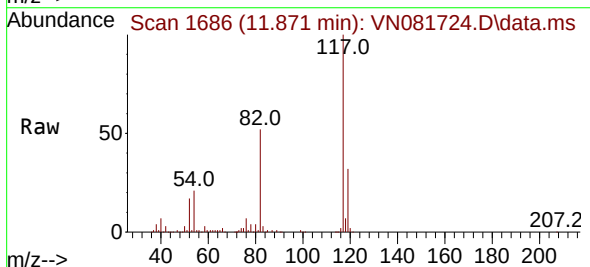
Instrument :
MSVOA_N
ClientSampleId :
TP-4

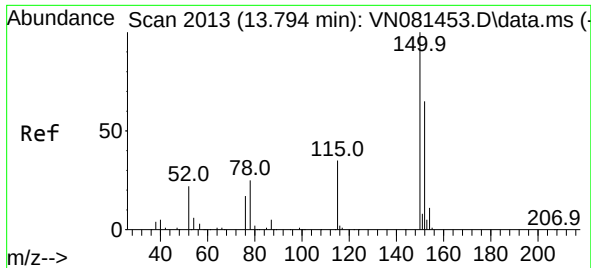
Tgt Ion: 95 Resp: 204579
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 69.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081724.D
Acq: 12 Apr 2024 17:43

Tgt Ion: 117 Resp: 509113
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1#
119 31.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081724.D

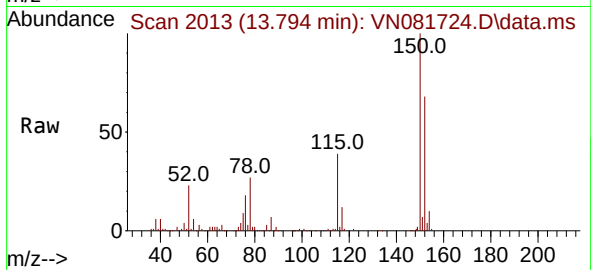
Acq: 12 Apr 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4



Tgt Ion:152 Resp: 192425

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 154.7 0.0 339.8

