

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081722.D
 Acq On : 12 Apr 2024 16:55
 Operator : JC\MD
 Sample : P2070-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Apr 13 06:58:55 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)

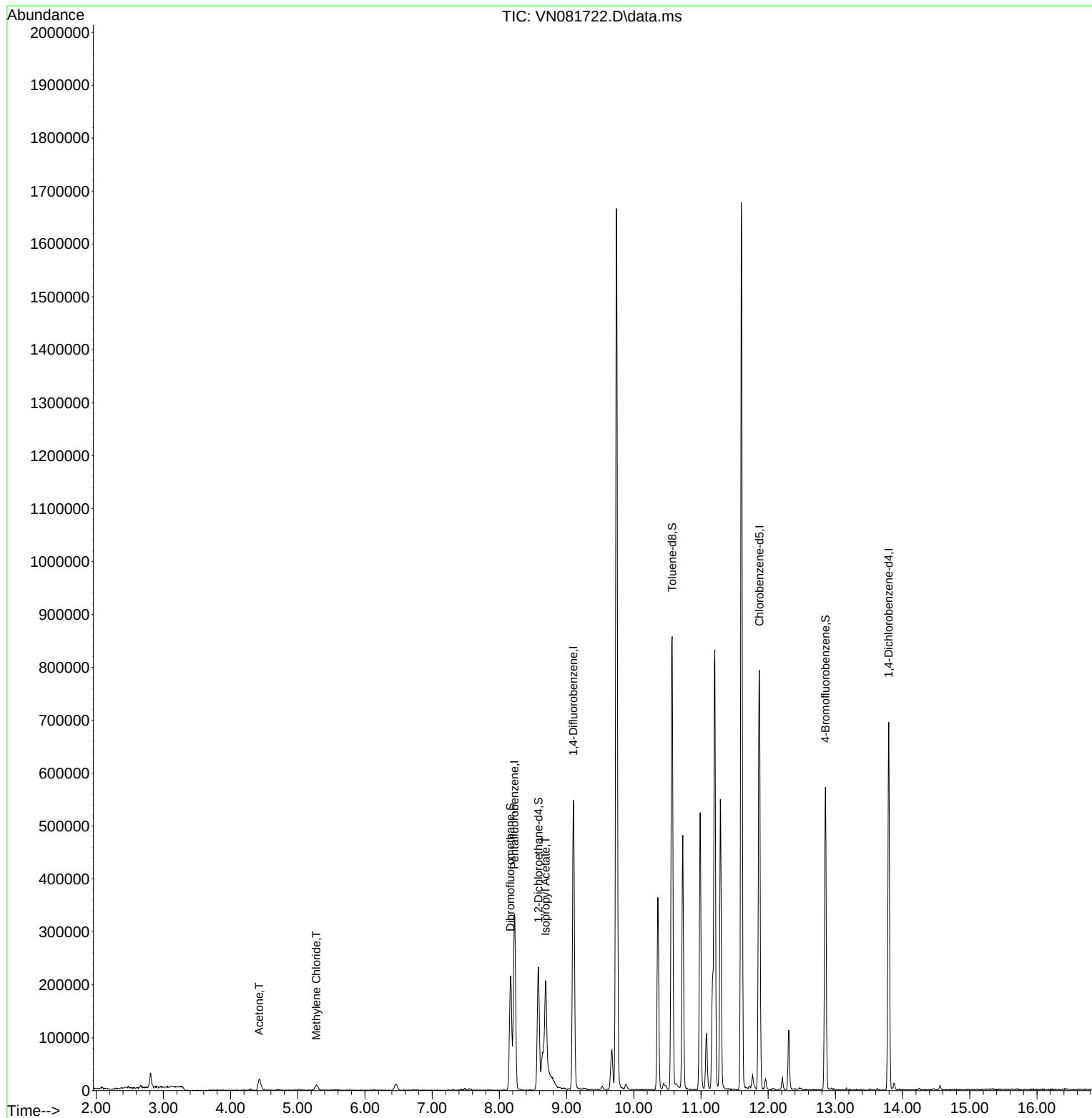
Internal Standards						
1) Pentafluorobenzene	8.224	168	234032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	470225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	483161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193983	64.996	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 130.000%#	
35) Dibromofluoromethane	8.165	113	152413	51.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	10.571	98	612111	57.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.120%#	
62) 4-Bromofluorobenzene	12.853	95	196412	51.961	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.920%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	39231	40.674	ug/l	99
20) Methylene Chloride	5.277	84	8715	2.758	ug/l #	73
43) Isopropyl Acetate	8.688	43	305037	43.032	ug/l #	79

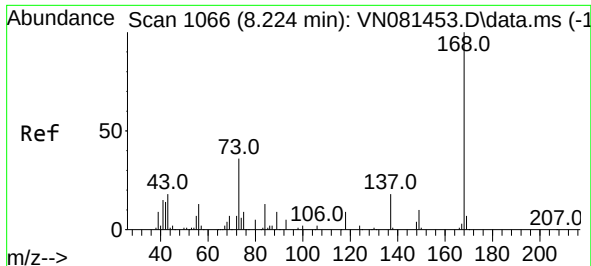
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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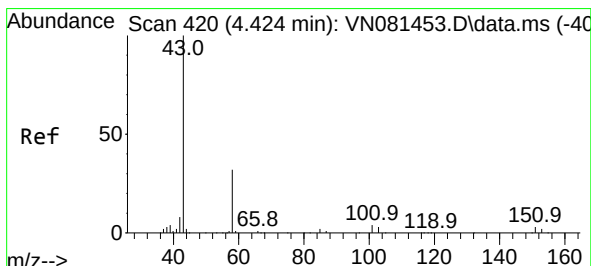
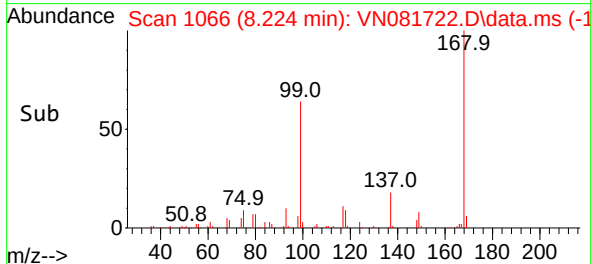
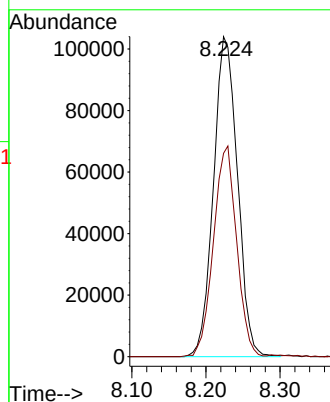
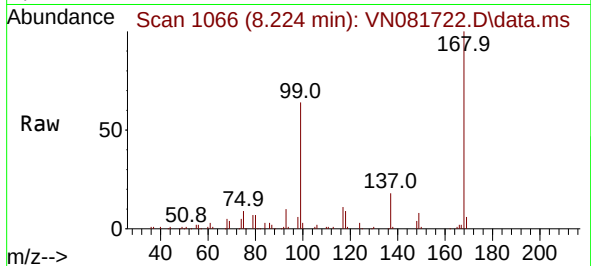




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

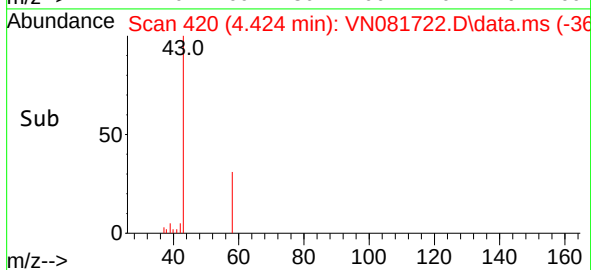
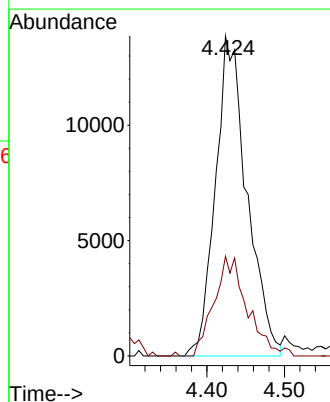
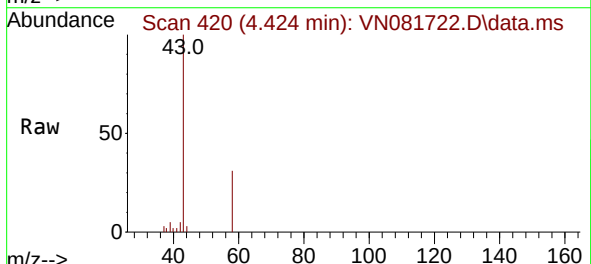
Instrument :
MSVOA_N
ClientSampleId :
TP-2

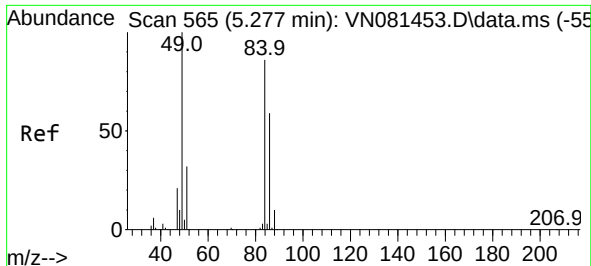
Tgt Ion:168 Resp: 234032
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#16
Acetone
Concen: 40.674 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

Tgt Ion: 43 Resp: 39231
Ion Ratio Lower Upper
43 100
58 31.6 24.8 37.2

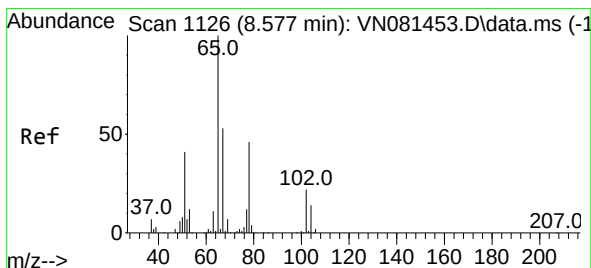
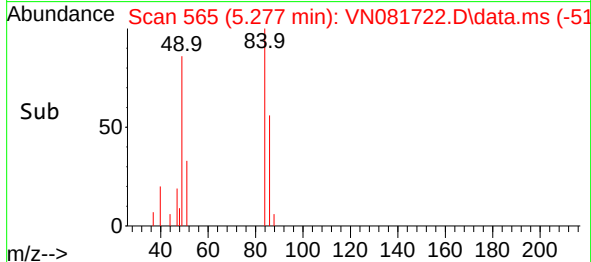
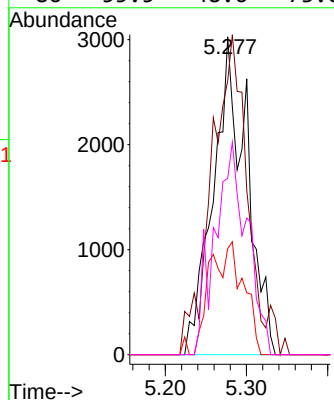
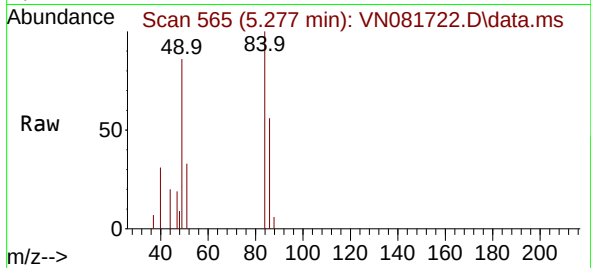




#20
Methylene Chloride
Concen: 2.758 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

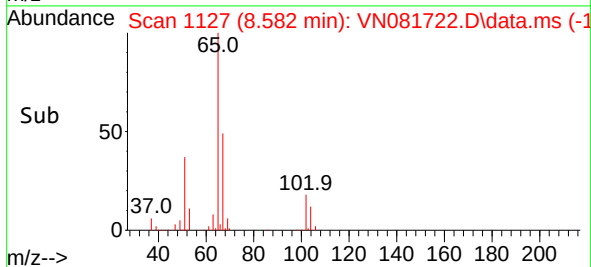
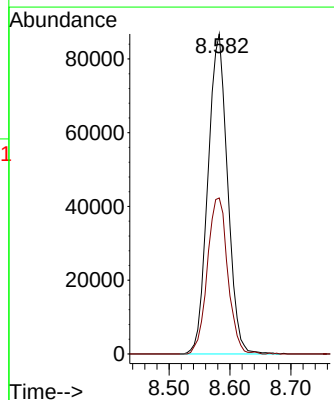
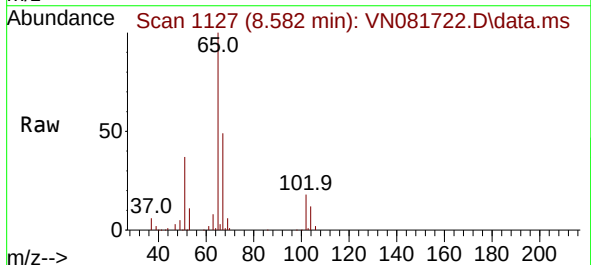
Instrument :
MSVOA_N
ClientSampleId :
TP-2

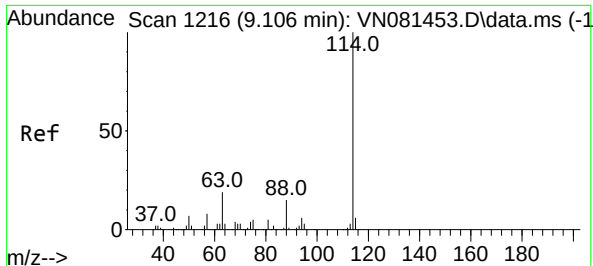
Tgt Ion:	84	Resp:	8715
Ion	Ratio	Lower	Upper
84	100		
49	86.2	108.1	162.1#
51	33.4	32.9	49.3
86	55.5	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 64.996 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

Tgt Ion:	65	Resp:	193983
Ion	Ratio	Lower	Upper
65	100		
67	50.8	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: VN081722.D

Acq: 12 Apr 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

TP-2

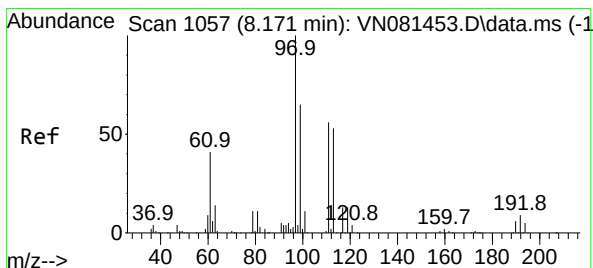
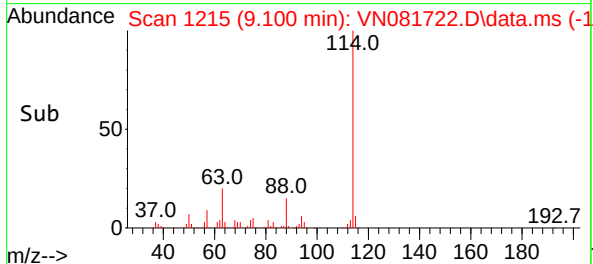
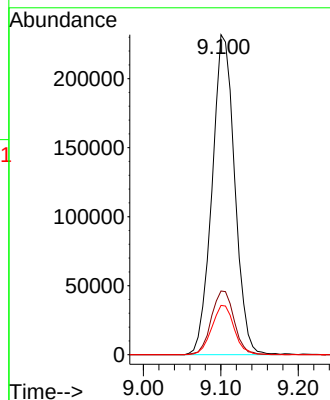
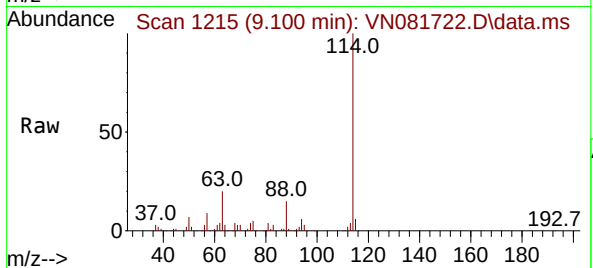
Tgt Ion:114 Resp: 470225

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.359 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081722.D

Acq: 12 Apr 2024 16:55

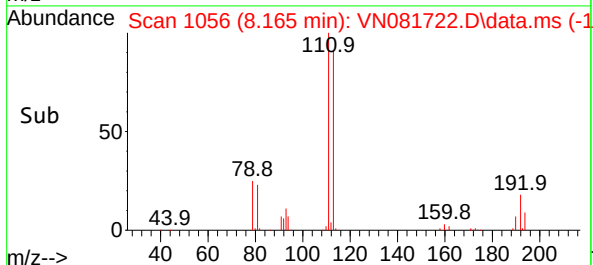
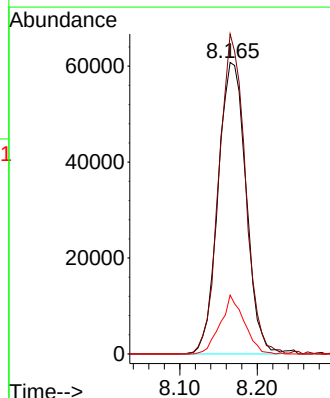
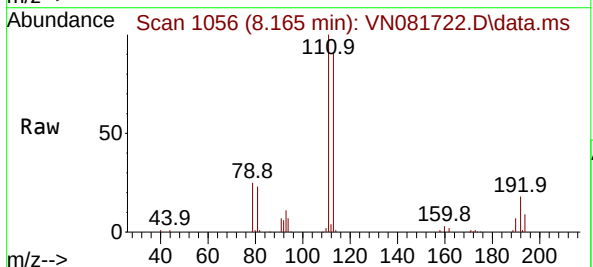
Tgt Ion:113 Resp: 152413

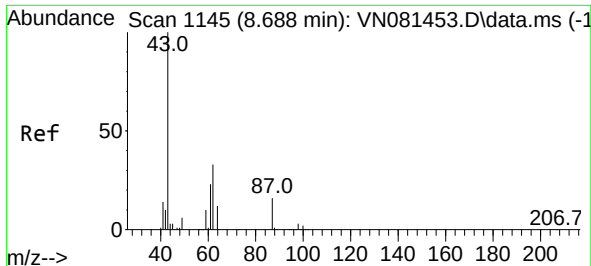
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.3 12.5 18.7

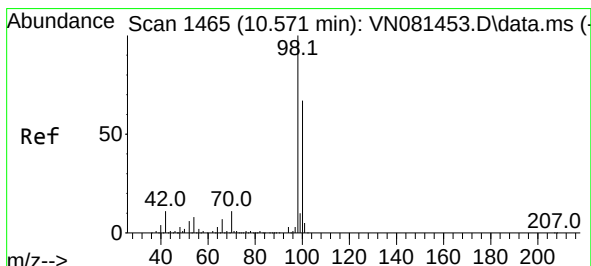
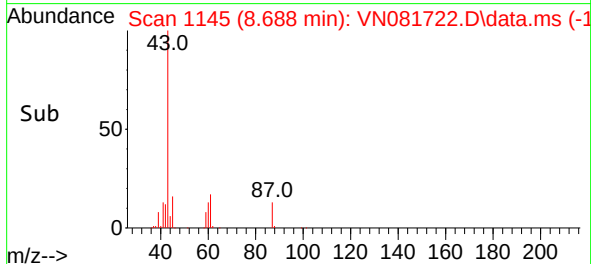
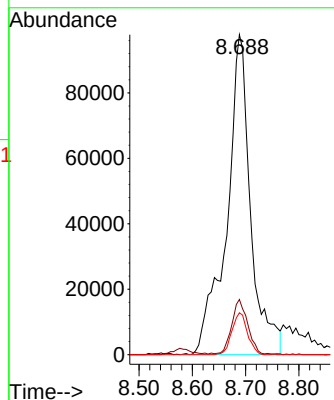
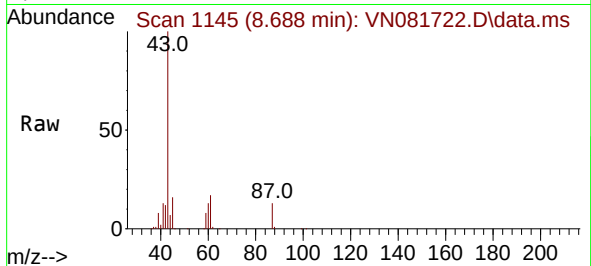




#43
Isopropyl Acetate
Concen: 43.032 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

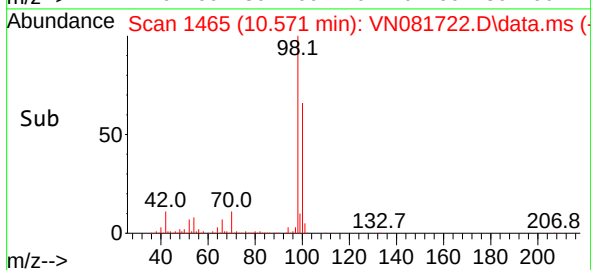
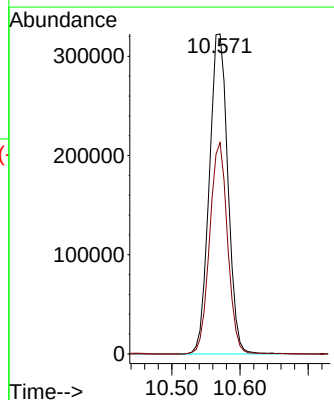
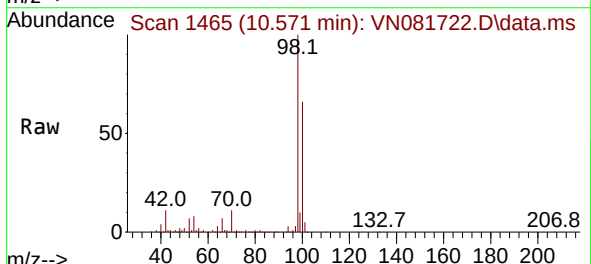
Instrument :
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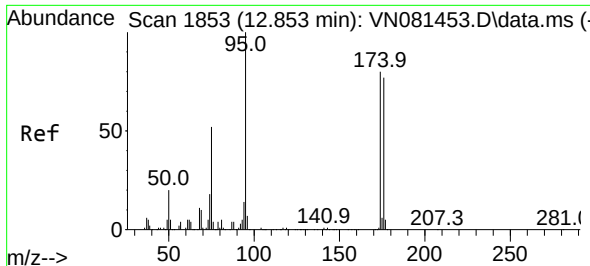
Tgt Ion: 43 Resp: 305037
Ion Ratio Lower Upper
43 100
61 11.4 19.9 29.9#
87 8.5 9.0 13.6#



#50
Toluene-d8
Concen: 57.060 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

Tgt Ion: 98 Resp: 612111
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

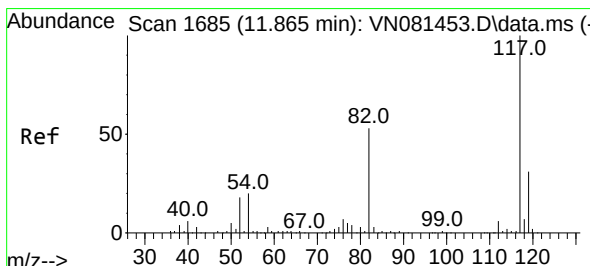
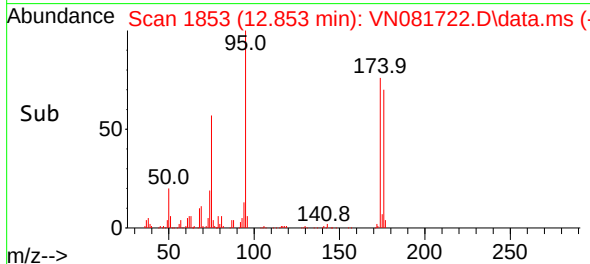
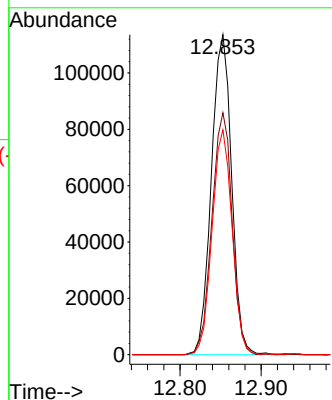
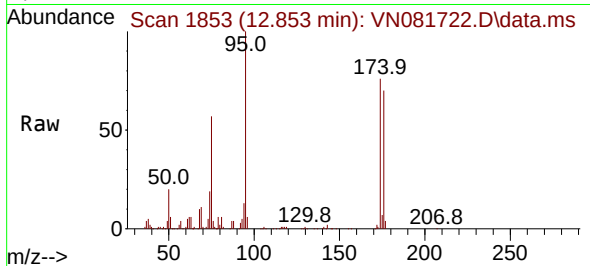




#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

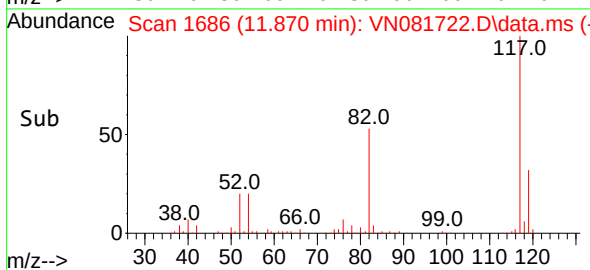
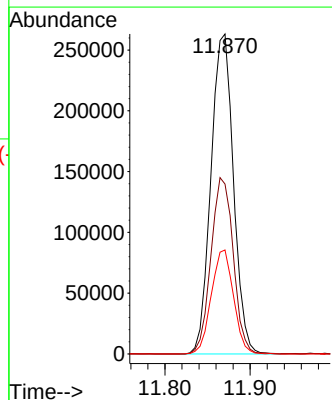
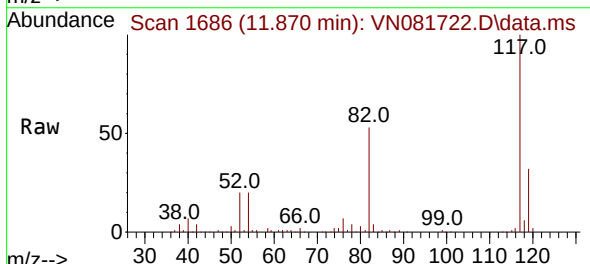
Instrument :
MSVOA_N
ClientSampleId :
TP-2

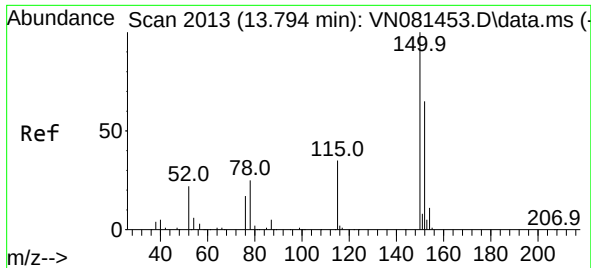
Tgt Ion: 95 Resp: 196412
Ion Ratio Lower Upper
95 100
174 75.8 0.0 120.4
176 69.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081722.D
Acq: 12 Apr 2024 16:55

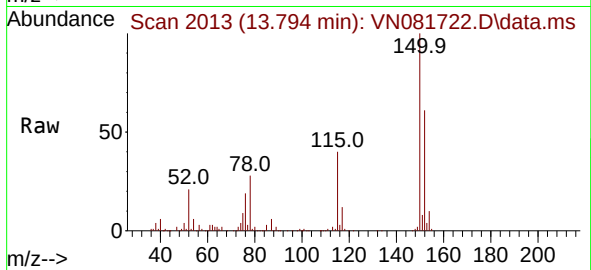
Tgt Ion: 117 Resp: 483161
Ion Ratio Lower Upper
117 100
82 53.1 52.7 79.1
119 32.5 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081722.D
 Acq: 12 Apr 2024 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 179051
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.3 96.8
 150 156.9 0.0 339.8

