

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081755.D
 Acq On : 16 Apr 2024 13:39
 Operator : JC\MD
 Sample : P2070-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Apr 17 03:24:11 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)

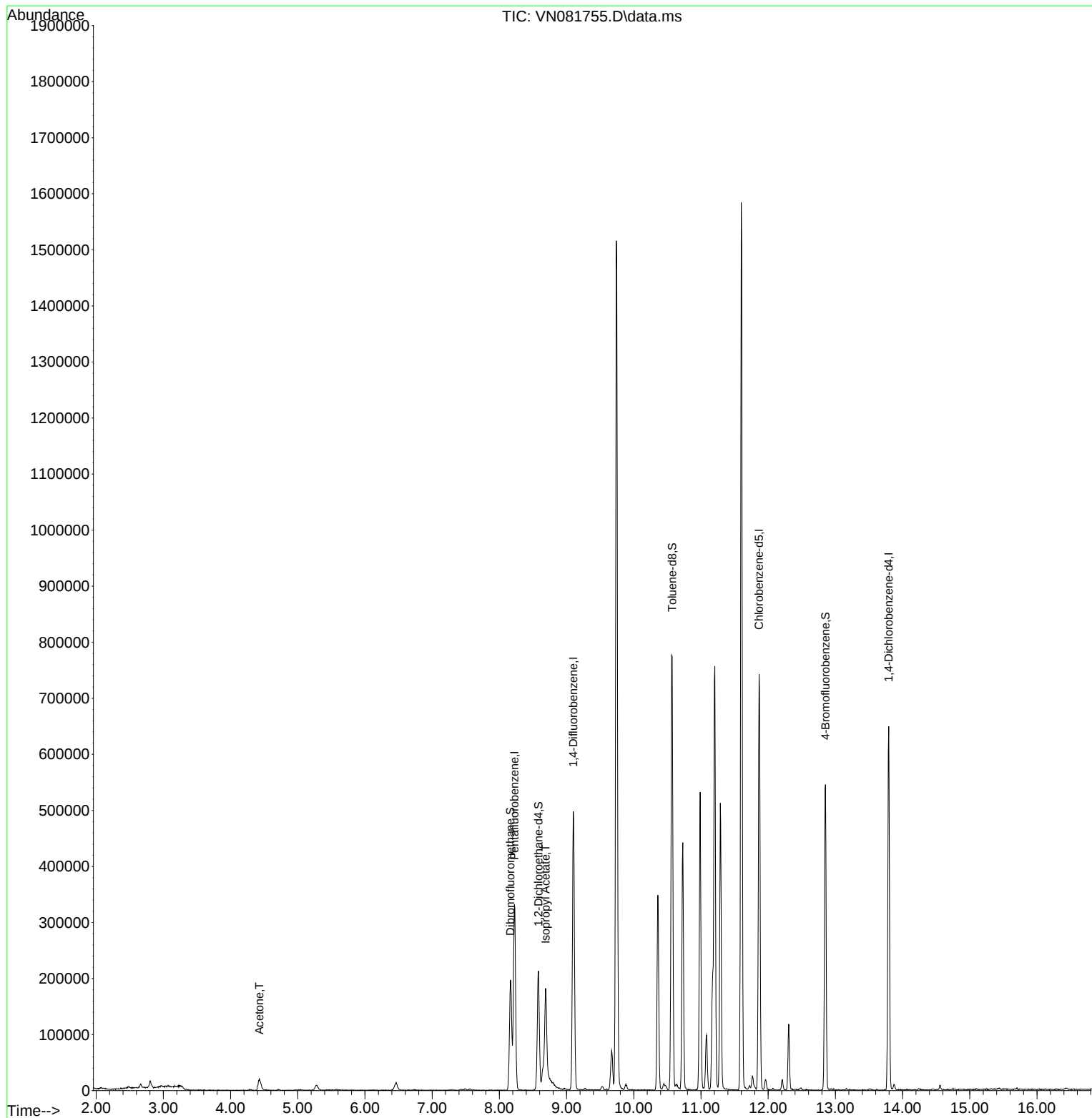
Internal Standards						
1) Pentafluorobenzene	8.224	168	234296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172031	52.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.360%
35) Dibromofluoromethane	8.165	113	139471	48.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.571	98	555831	52.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.853	95	189416	52.382	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.760%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	37367	40.722	ug/l #	84
43) Isopropyl Acetate	8.688	43	262102	42.722	ug/l #	76

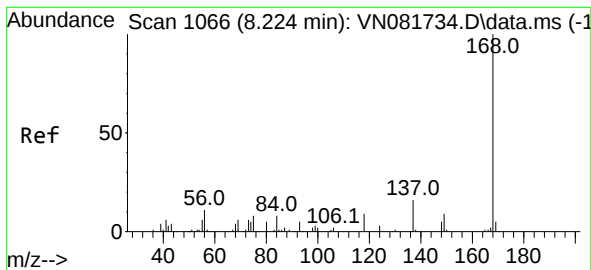
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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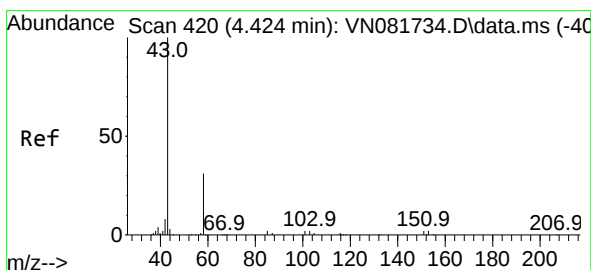
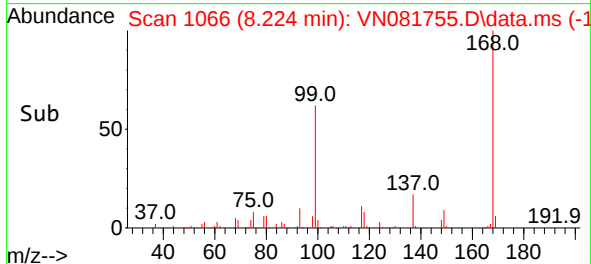
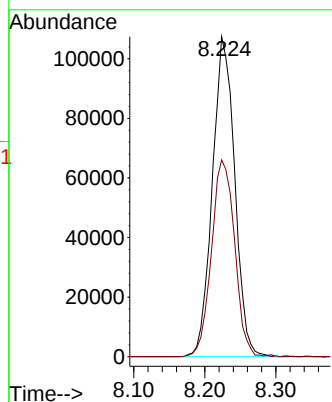
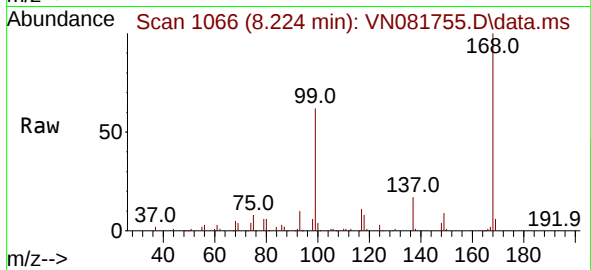




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

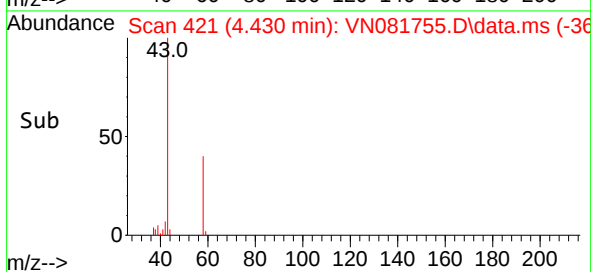
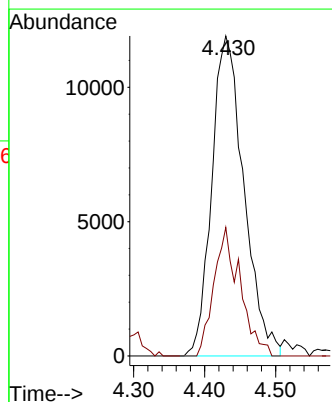
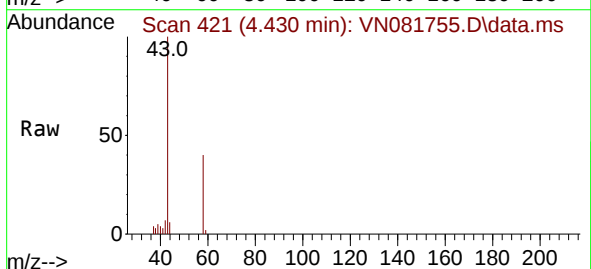
Instrument :
MSVOA_N
ClientSampleId :
TP-2

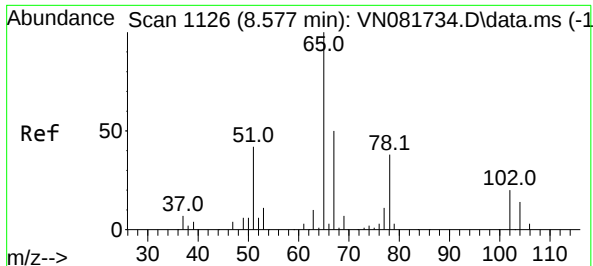
Tgt Ion:168 Resp: 234296
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#16
Acetone
Concen: 40.722 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

Tgt Ion: 43 Resp: 37367
Ion Ratio Lower Upper
43 100
58 40.1 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 52.179 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081755.D

Acq: 16 Apr 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

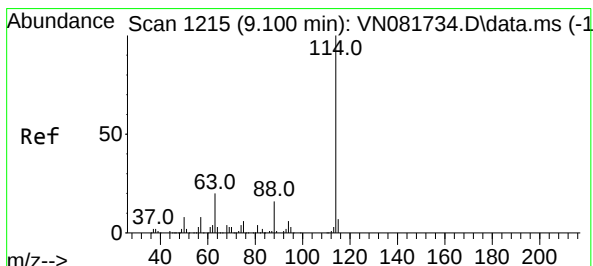
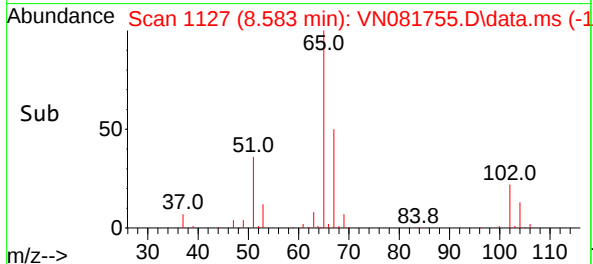
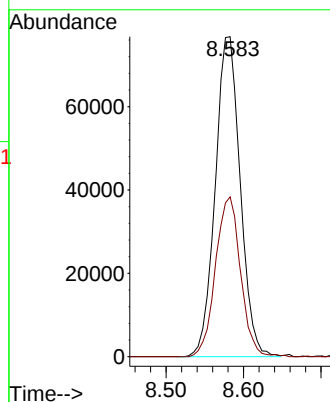
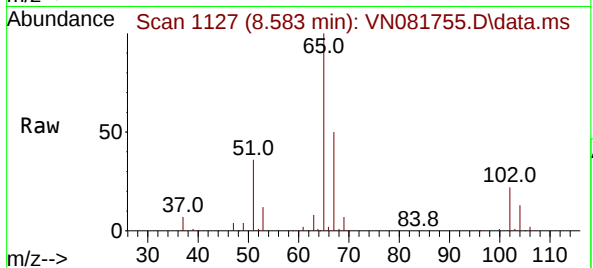
TP-2

Tgt Ion: 65 Resp: 172031

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081755.D

Acq: 16 Apr 2024 13:39

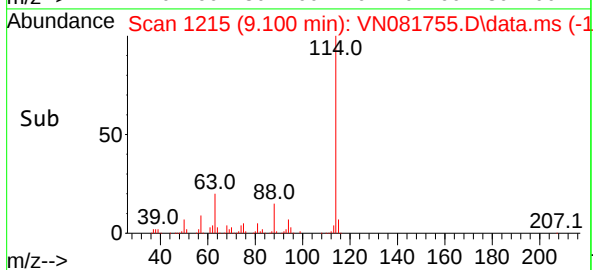
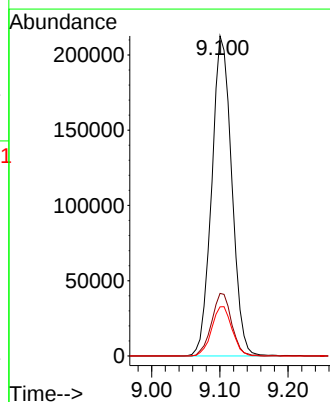
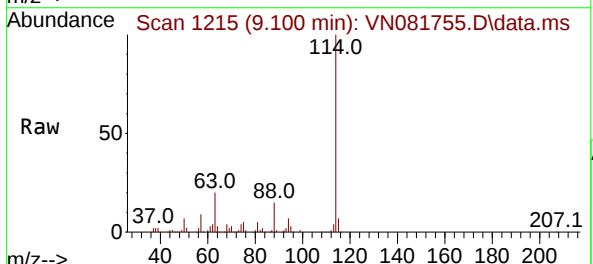
Tgt Ion: 114 Resp: 434980

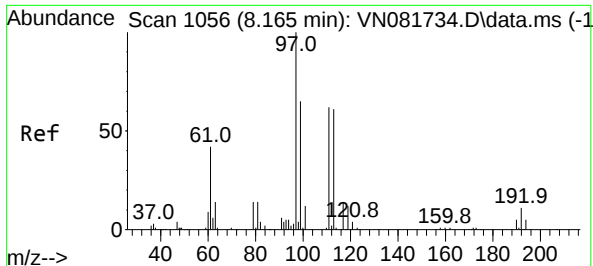
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 15.4 0.0 31.4

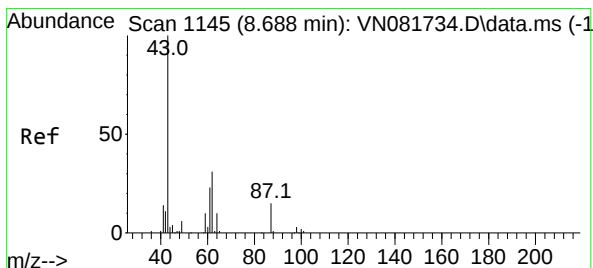
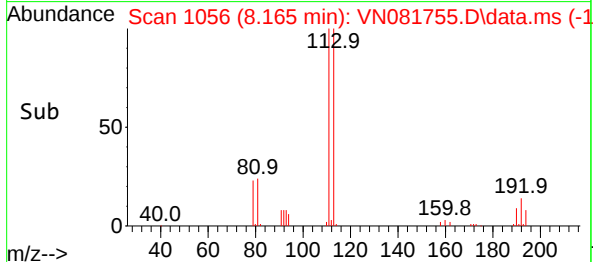
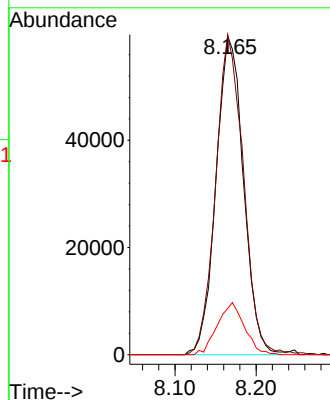
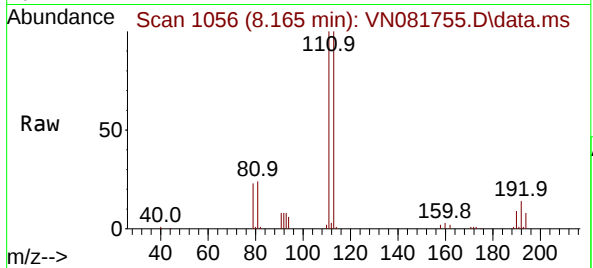




#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

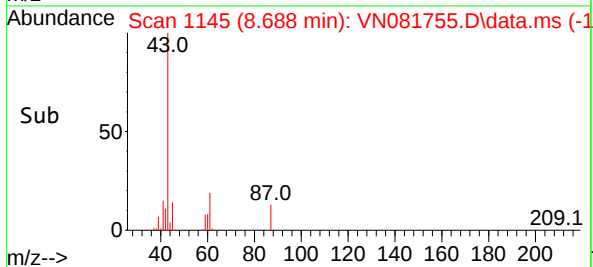
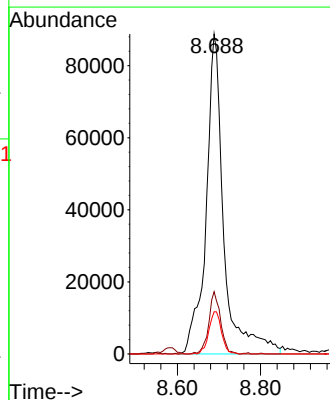
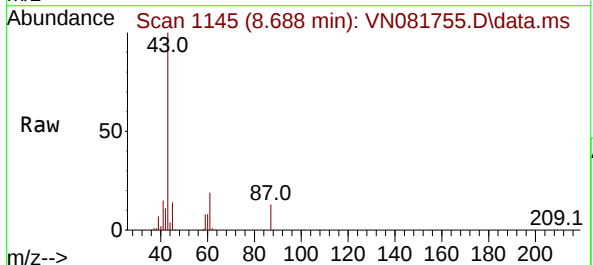
Instrument :
MSVOA_N
ClientSampleId :
TP-2

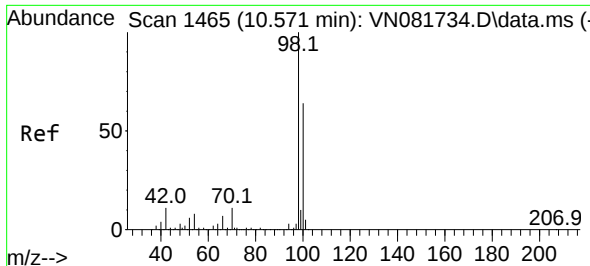
Tgt Ion:113 Resp: 139471
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 16.2 14.0 21.0



#43
Isopropyl Acetate
Concen: 42.722 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

Tgt Ion: 43 Resp: 262102
Ion Ratio Lower Upper
43 100
61 13.0 22.8 34.2#
87 9.4 12.0 18.0#

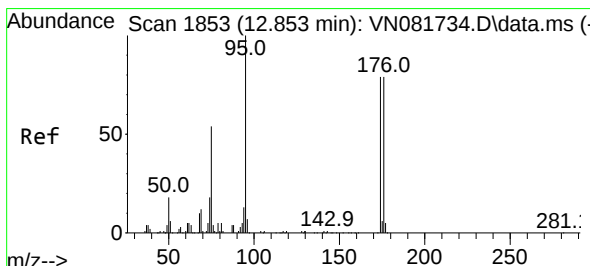
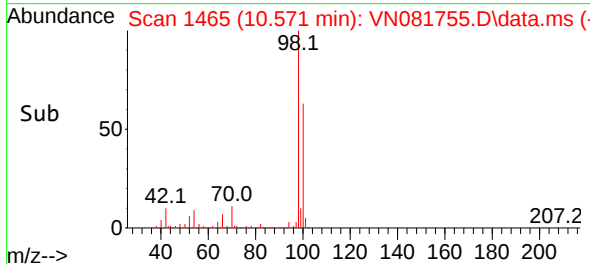
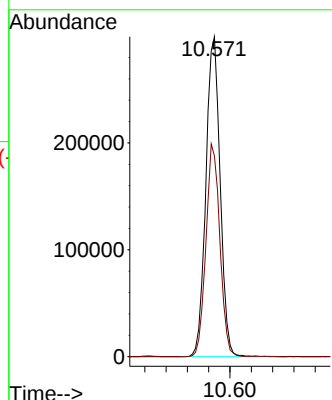
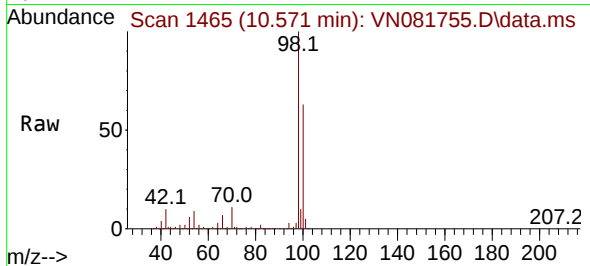




#50
Toluene-d8
Concen: 52.528 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

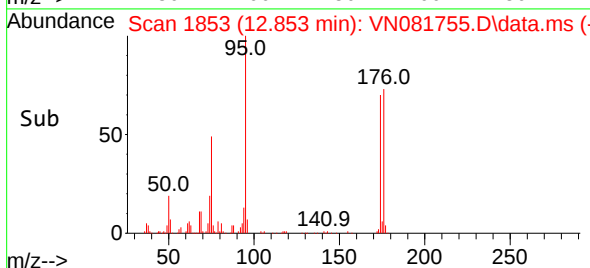
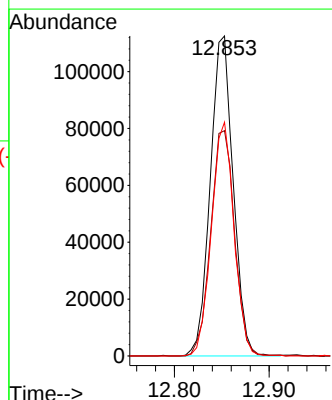
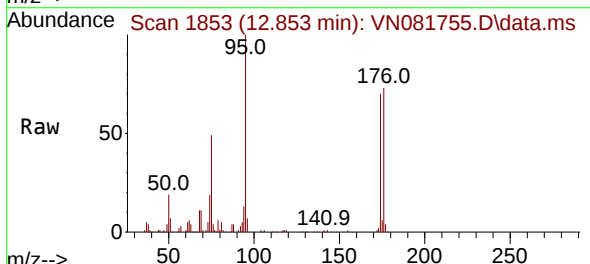
Instrument :
MSVOA_N
ClientSampleId :
TP-2

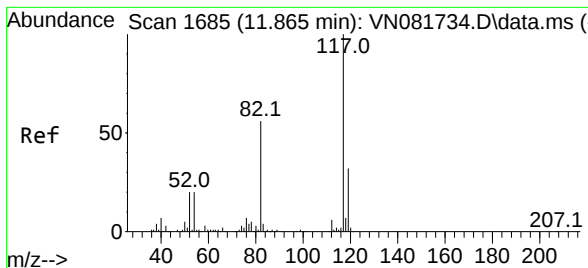
Tgt Ion: 98 Resp: 555831
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.382 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081755.D
Acq: 16 Apr 2024 13:39

Tgt Ion: 95 Resp: 189416
Ion Ratio Lower Upper
95 100
174 73.4 0.0 160.6
176 72.0 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: VN081755.D

Acq: 16 Apr 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

TP-2

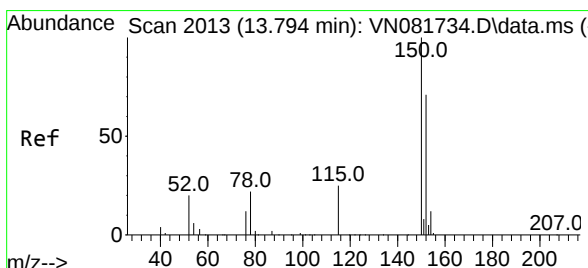
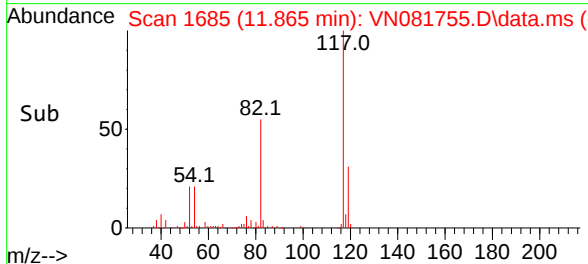
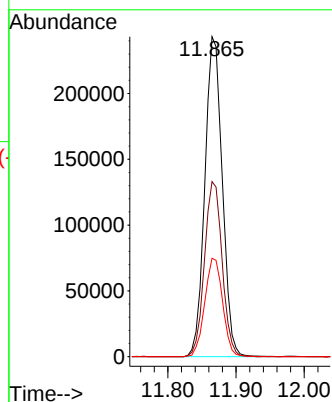
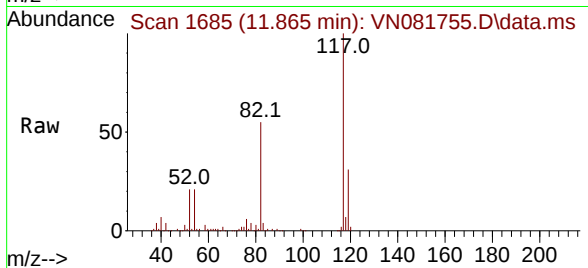
Tgt Ion:117 Resp: 432968

Ion Ratio Lower Upper

117 100

82 54.7 44.6 66.8

119 30.8 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: VN081755.D

Acq: 16 Apr 2024 13:39

Tgt Ion:152 Resp: 172555

Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 156.5 0.0 353.2

