

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081013.D
 Acq On : 12 Feb 2024 19:08
 Operator : JC\MD
 Sample : P1453-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Feb 13 03:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

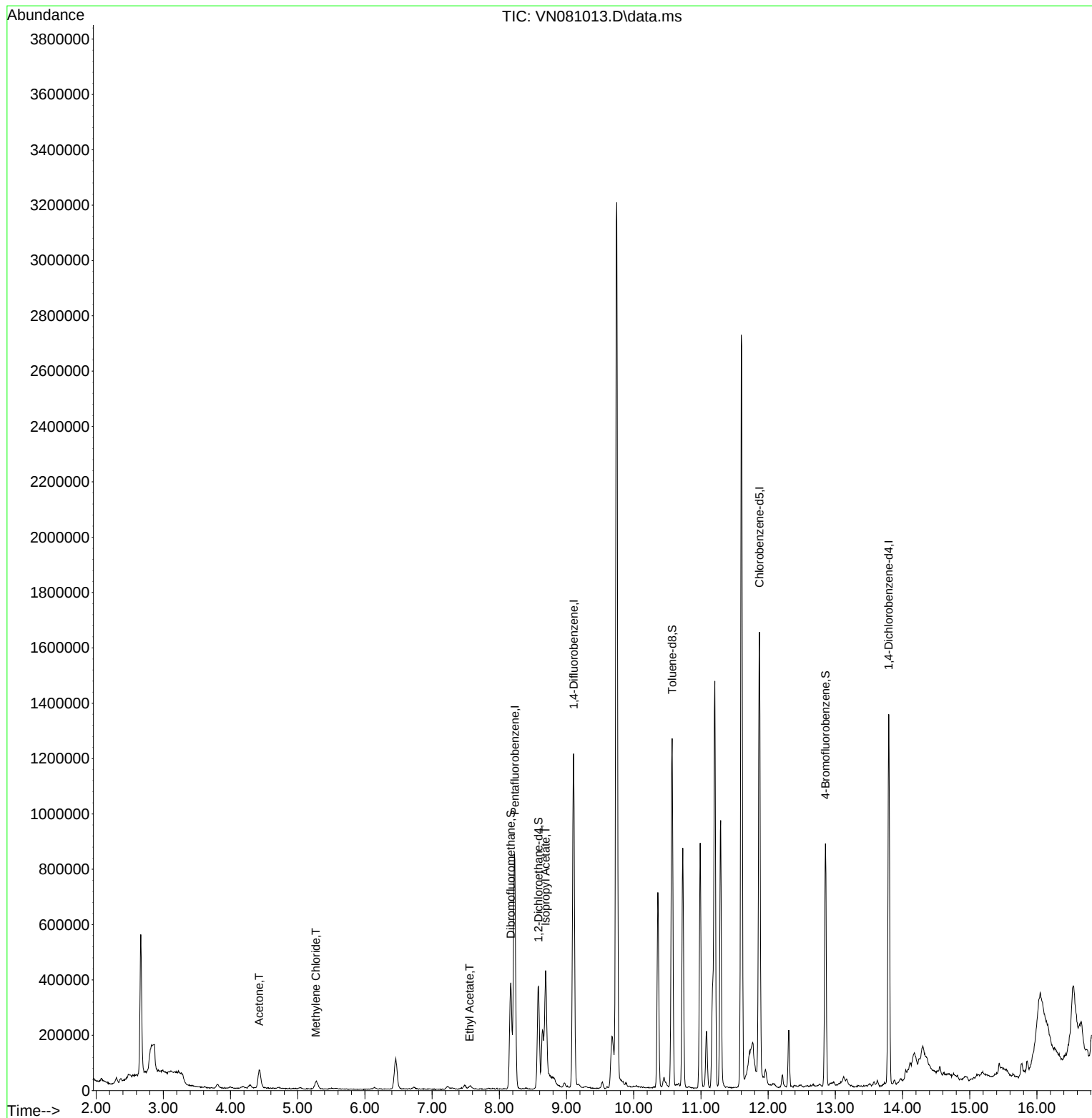
Internal Standards						
1) Pentafluorobenzene	8.230	168	688560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1135604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	998451	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	376991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	300480	34.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	69.180%#
35) Dibromofluoromethane	8.171	113	279032	45.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	10.571	98	888200	40.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	80.600%#
62) 4-Bromofluorobenzene	12.853	95	305498	38.154	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.300%#
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	125366	43.869	ug/l	97
20) Methylene Chloride	5.271	84	24368	2.814	ug/l	# 72
37) Ethyl Acetate	7.559	43	12849	1.873	ug/l	# 90
43) Isopropyl Acetate	8.688	43	450341	35.703	ug/l	# 89

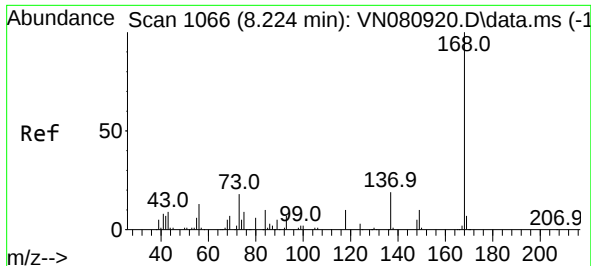
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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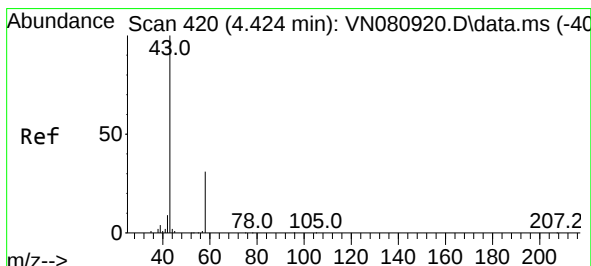
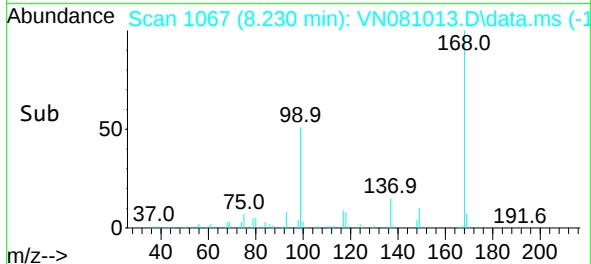
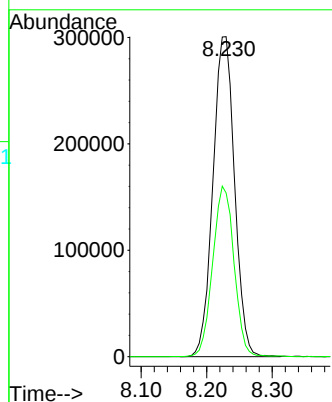
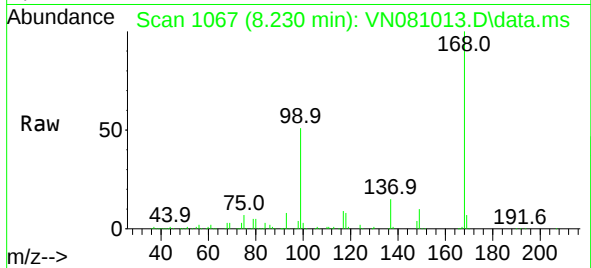




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

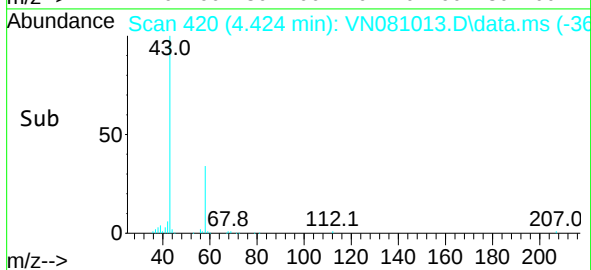
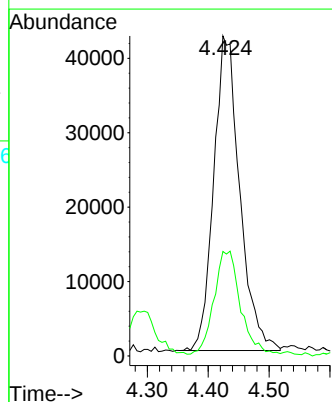
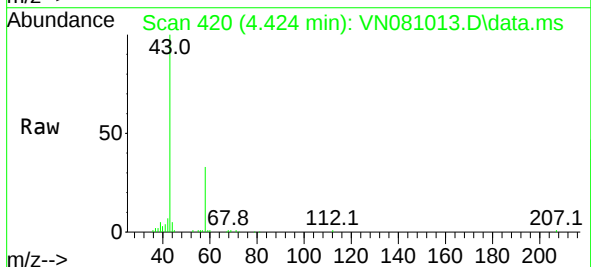
Instrument :
MSVOA_N
ClientSampleId :
TP-2

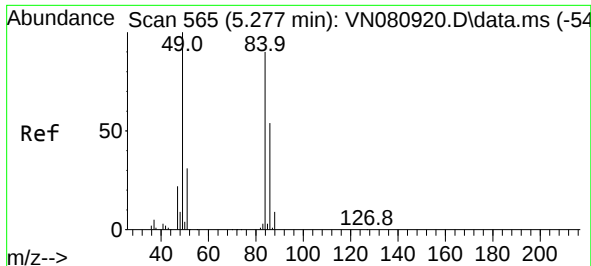
Tgt Ion:168 Resp: 688560
Ion Ratio Lower Upper
168 100
99 51.1 59.9 89.9#



#16
Acetone
Concen: 43.869 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

Tgt Ion: 43 Resp: 125366
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2

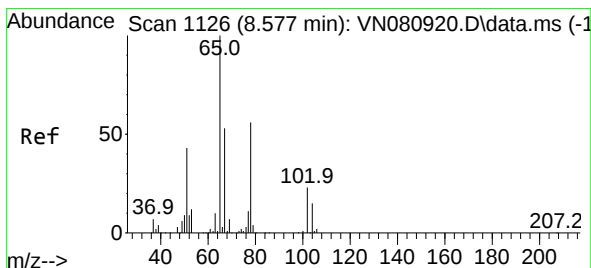
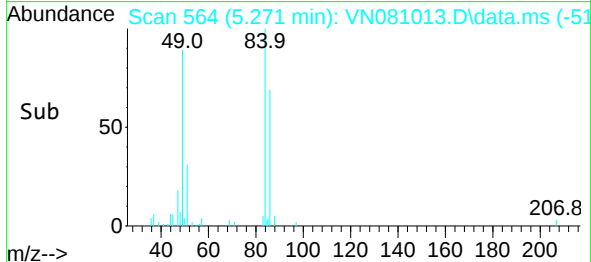
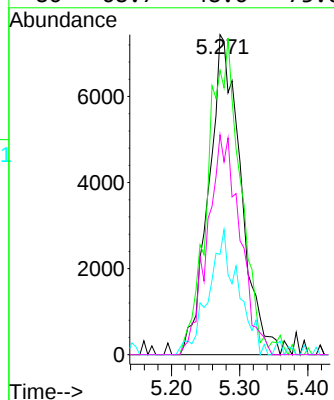
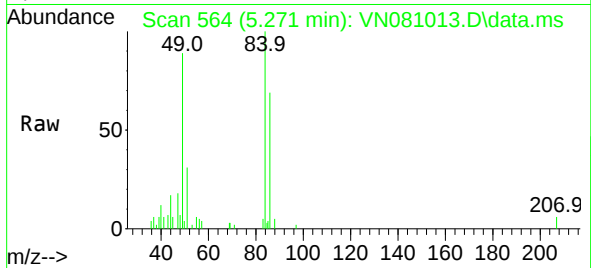




#20
Methylene Chloride
Concen: 2.814 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

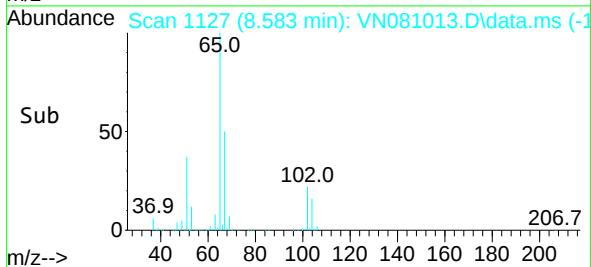
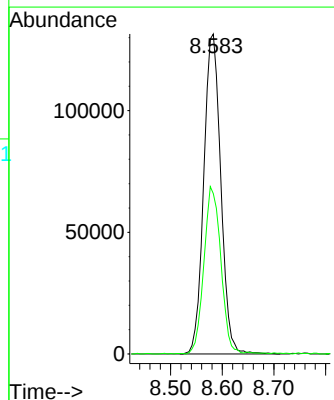
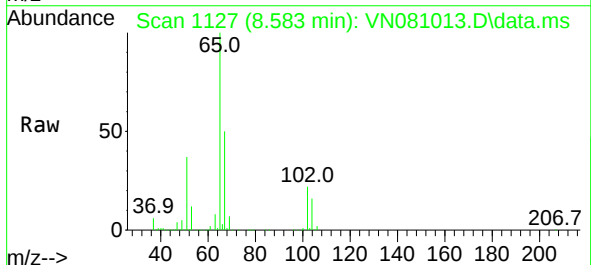
Instrument :
MSVOA_N
ClientSampleId :
TP-2

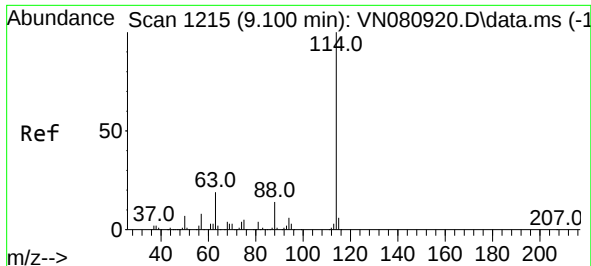
Tgt Ion: 84 Resp: 24368
Ion Ratio Lower Upper
84 100
49 88.9 108.1 162.1#
51 29.2 32.9 49.3#
86 68.7 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 34.593 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

Tgt Ion: 65 Resp: 300480
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

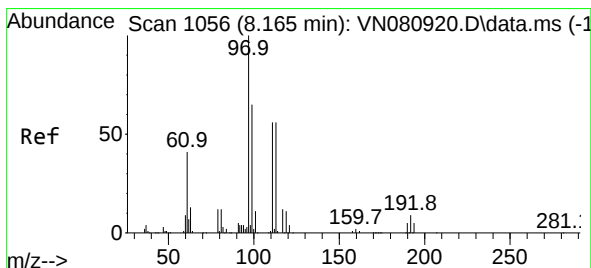
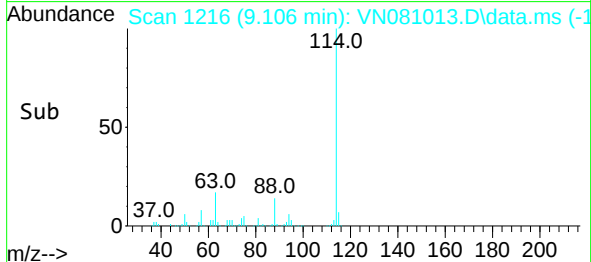
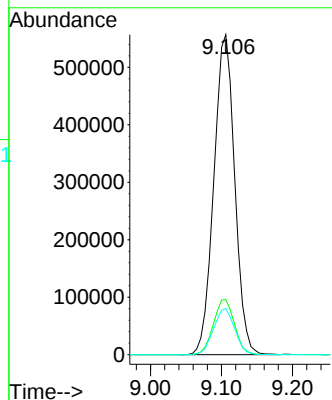
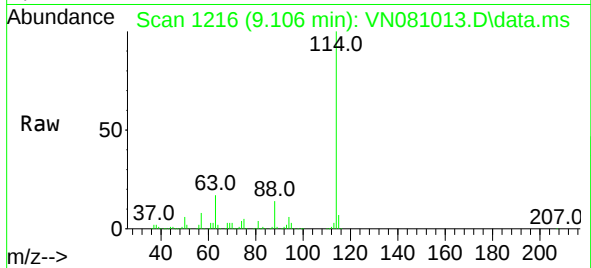




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

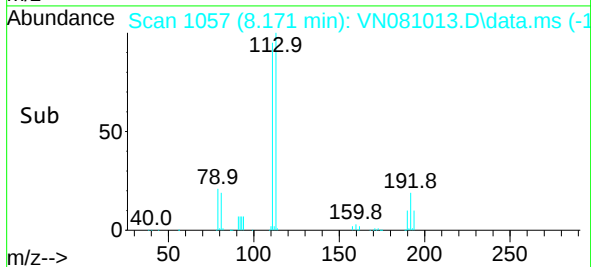
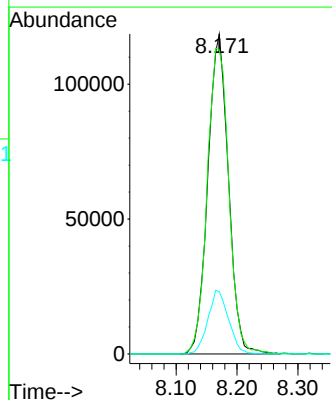
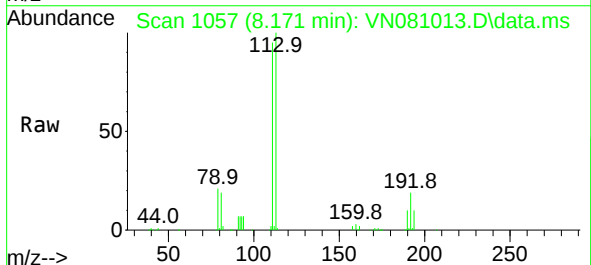
Instrument :
MSVOA_N
ClientSampleId :
TP-2

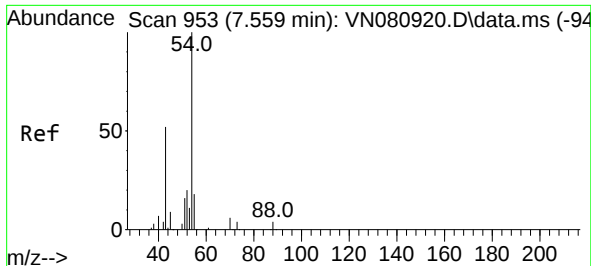
Tgt Ion:114 Resp: 1135604
Ion Ratio Lower Upper
114 100
63 17.2 0.0 48.0
88 14.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 45.791 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081013.D
Acq: 12 Feb 2024 19:08

Tgt Ion:113 Resp: 279032
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.9 12.5 18.7#





#37

Ethyl Acetate

Concen: 1.873 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081013.D

Acq: 12 Feb 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

TP-2

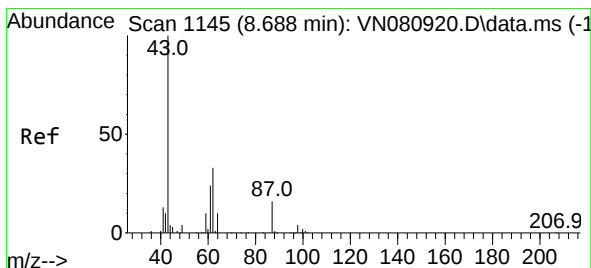
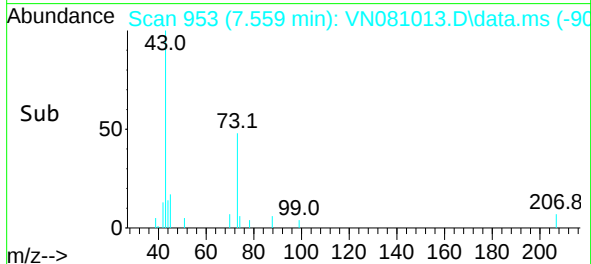
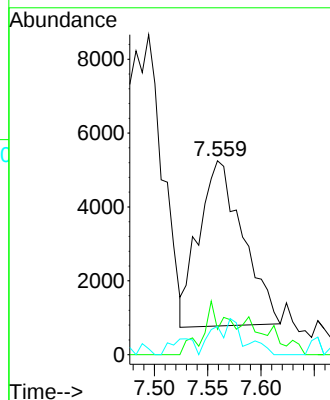
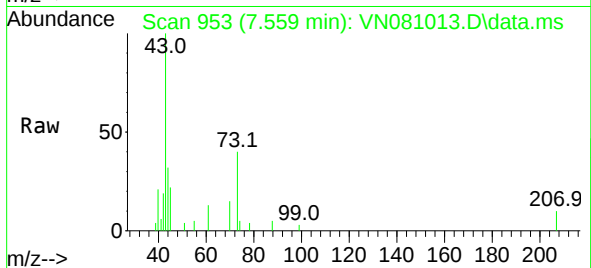
Tgt Ion: 43 Resp: 12849

Ion Ratio Lower Upper

43 100

61 17.7 10.6 15.8#

70 12.8 8.0 12.0#



#43

Isopropyl Acetate

Concen: 35.703 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081013.D

Acq: 12 Feb 2024 19:08

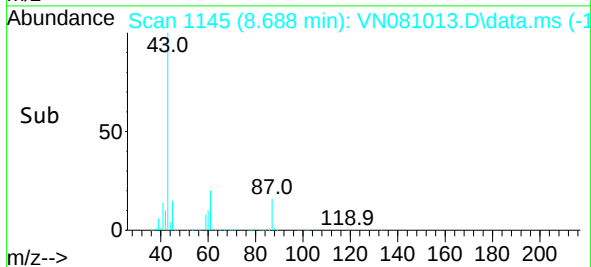
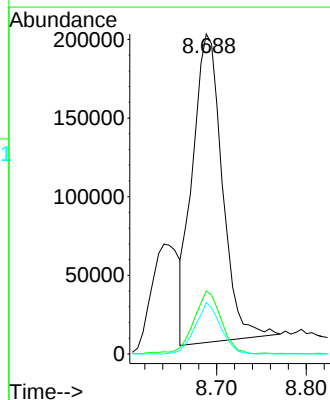
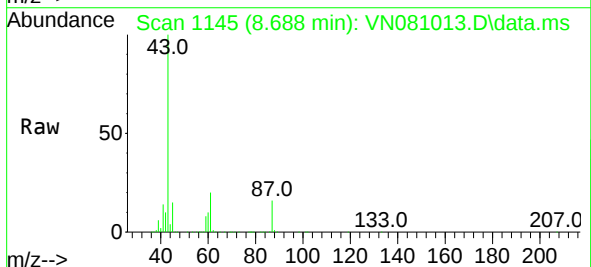
Tgt Ion: 43 Resp: 450341

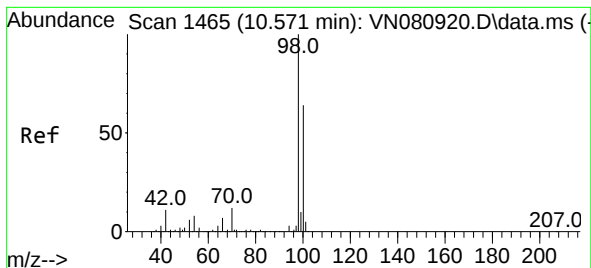
Ion Ratio Lower Upper

43 100

61 18.8 19.9 29.9#

87 14.2 9.0 13.6#





#50

Toluene-d8

Concen: 40.297 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081013.D

Acq: 12 Feb 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

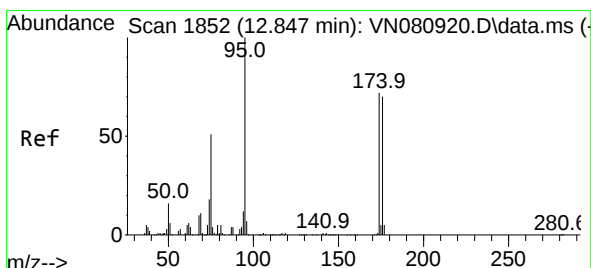
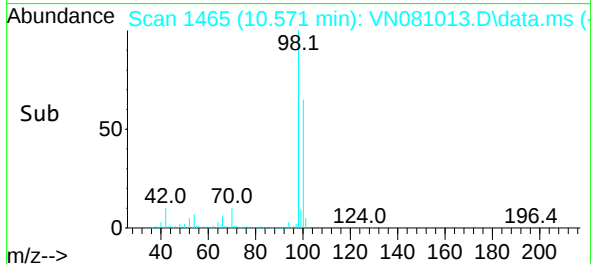
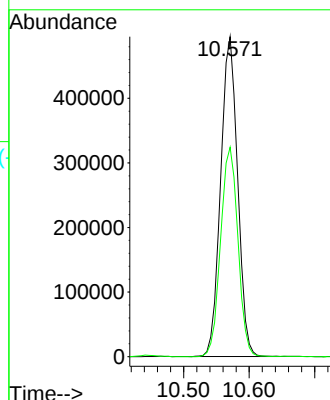
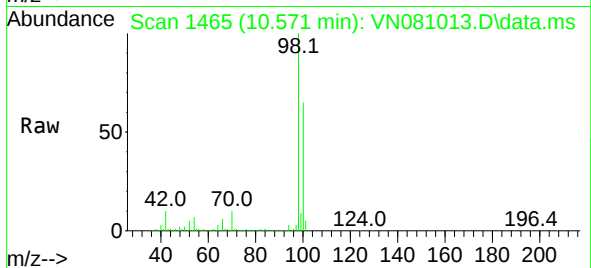
TP-2

Tgt Ion: 98 Resp: 888200

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 38.154 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081013.D

Acq: 12 Feb 2024 19:08

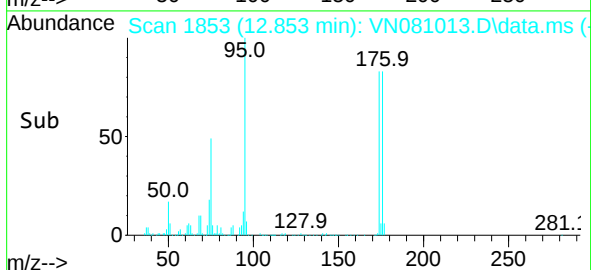
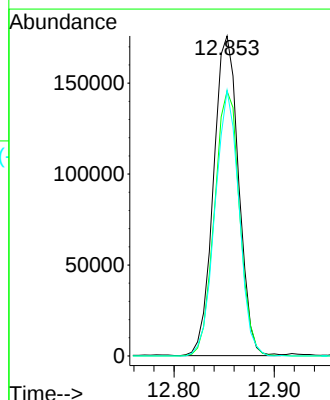
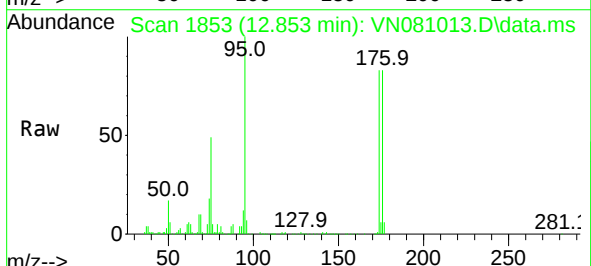
Tgt Ion: 95 Resp: 305498

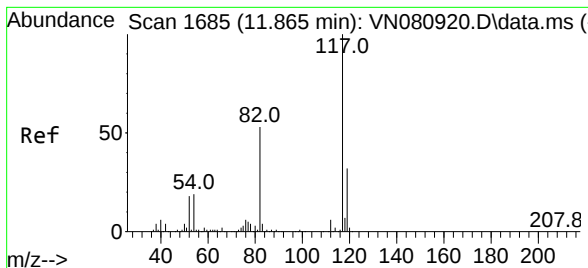
Ion Ratio Lower Upper

95 100

174 82.6 0.0 120.4

176 79.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081013.D

Acq: 12 Feb 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

TP-2

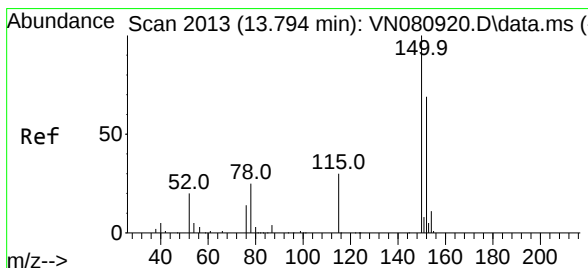
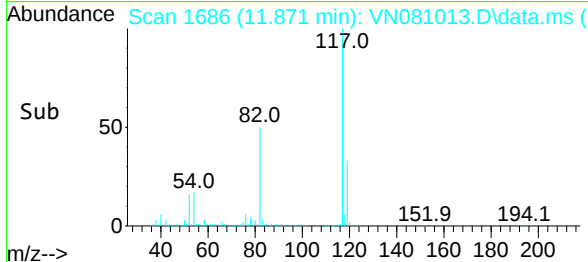
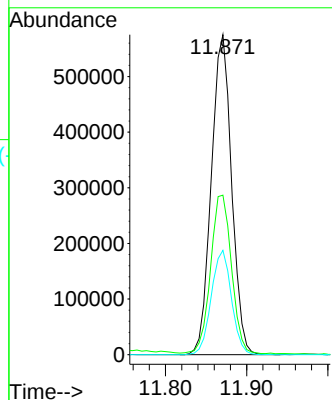
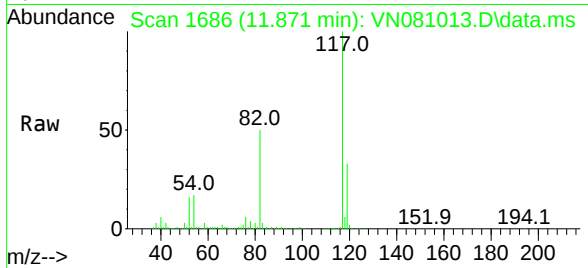
Tgt Ion:117 Resp: 998451

Ion Ratio Lower Upper

117 100

82 49.5 52.7 79.1#

119 32.6 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: VN081013.D

Acq: 12 Feb 2024 19:08

Tgt Ion:152 Resp: 376991

Ion Ratio Lower Upper

152 100

115 59.7 32.3 96.8

150 158.4 0.0 339.8

