

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079182.D
 Acq On : 07 Sep 2023 18:29
 Operator : JC\MD
 Sample : 04320-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE-(JULY)

Quant Time: Sep 08 05:44:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

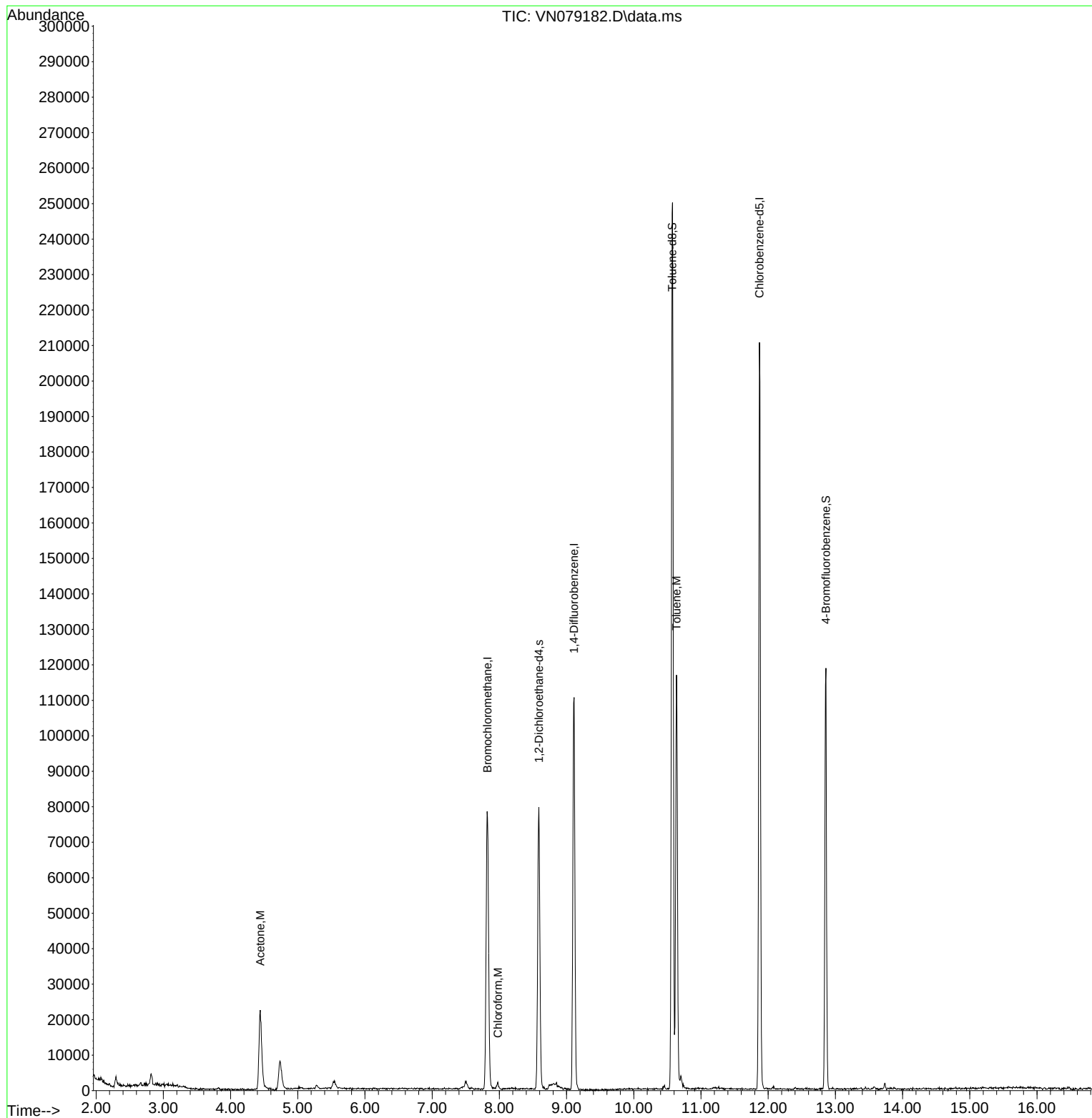
Internal Standards						
1) Bromochloromethane	7.824	128	29488	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	98828	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	130413	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	66232	29.895	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.859	95	44660	23.241	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.467%
63) Toluene-d8	10.571	98	186404	30.585	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.933%
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	14833	80.184	ug/l	92
25) Chloroform	7.977	83	1803	0.513	ug/l	97
62) Toluene	10.635	91	93500	12.313	ug/l	99

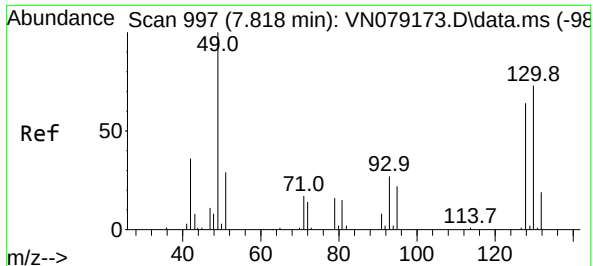
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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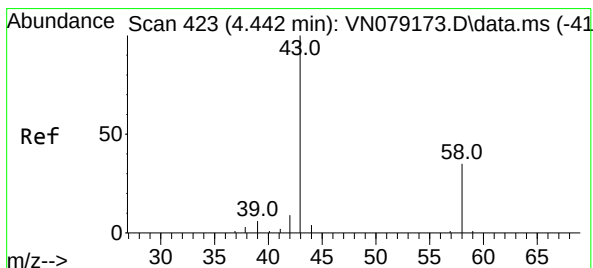
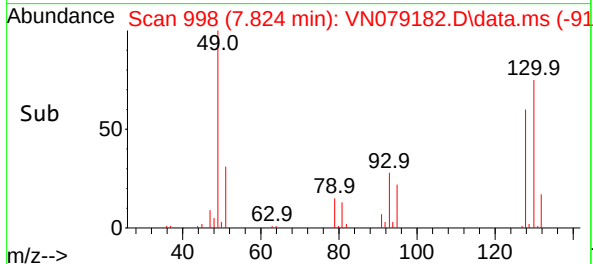
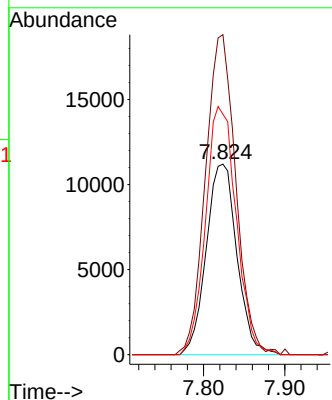
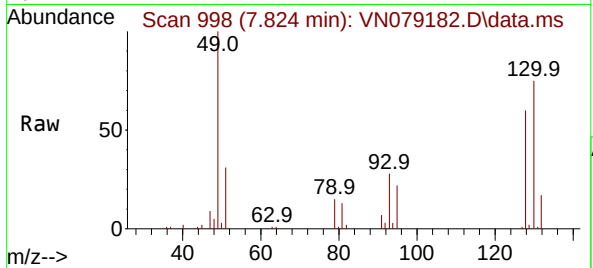




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

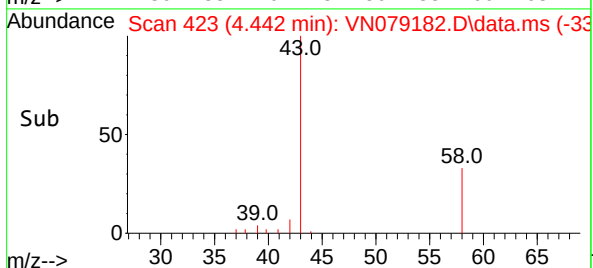
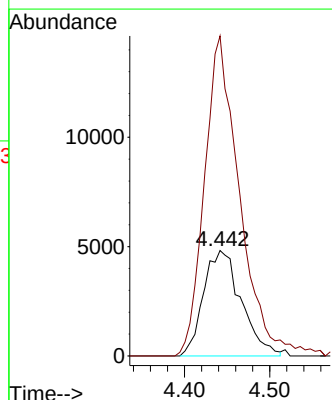
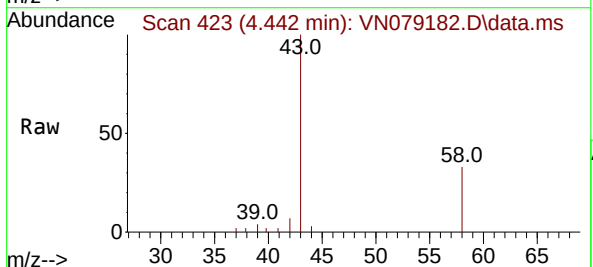
Instrument :
MSVOA_N
ClientSampleId :
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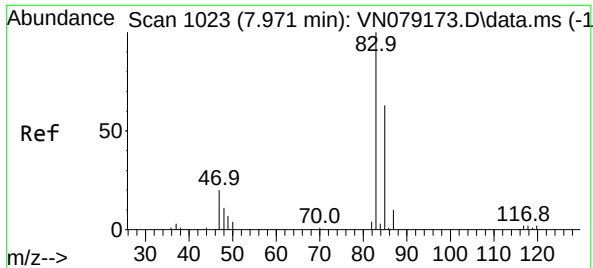
Tgt Ion:128 Resp: 29488
Ion Ratio Lower Upper
128 100
49 164.7 0.0 414.3
130 130.4 0.0 311.0



#15
Acetone
Concen: 80.184 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

Tgt Ion: 58 Resp: 14833
Ion Ratio Lower Upper
58 100
43 300.0 228.3 342.5

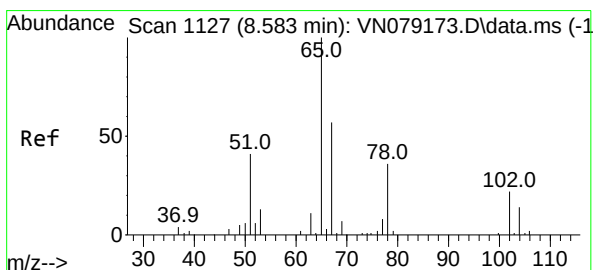
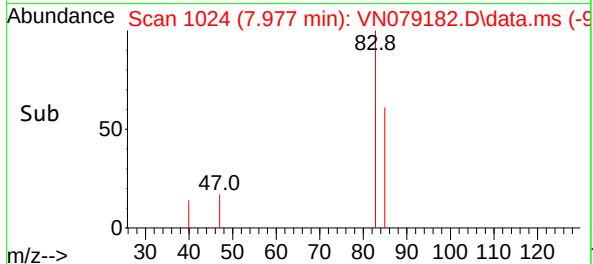
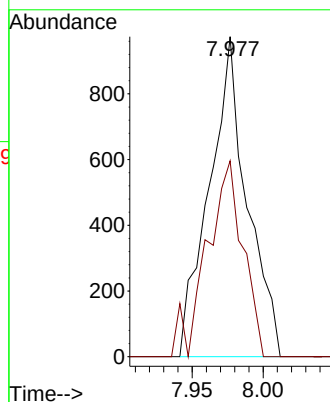
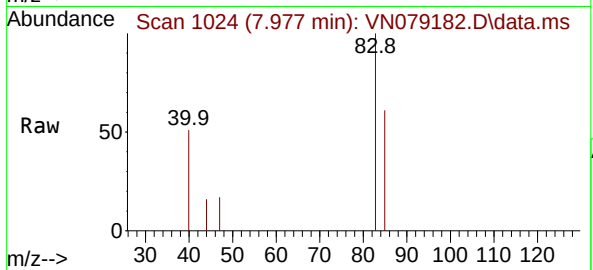




#25
Chloroform
Concen: 0.513 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

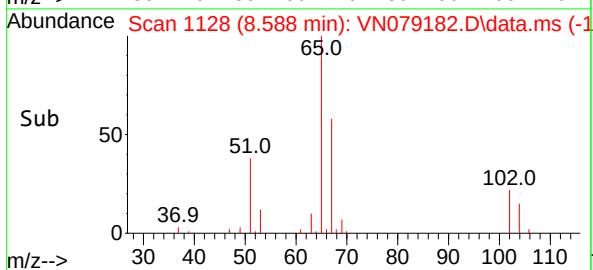
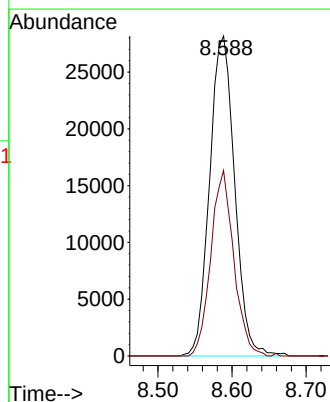
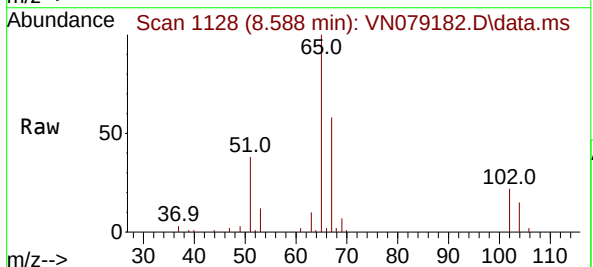
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)

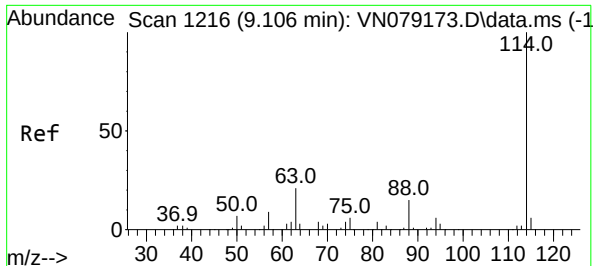
Tgt Ion: 83 Resp: 1803
Ion Ratio Lower Upper
83 100
85 61.2 50.6 76.0



#27
1,2-Dichloroethane-d4
Concen: 29.895 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

Tgt Ion: 65 Resp: 66232
Ion Ratio Lower Upper
65 100
67 53.1 44.4 66.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079182.D

Acq: 07 Sep 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE-(JULY)

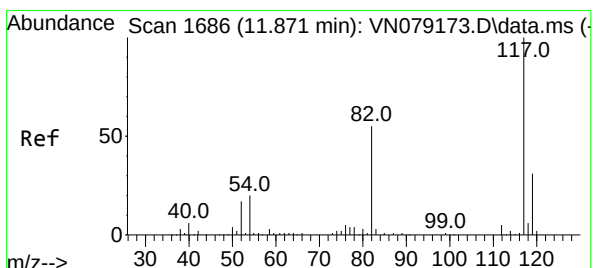
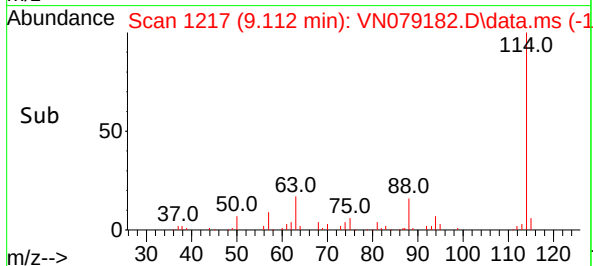
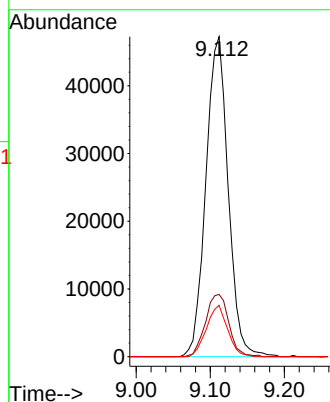
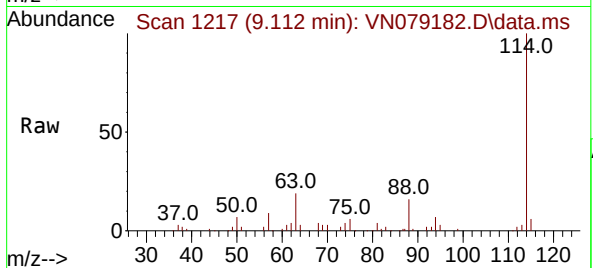
Tgt Ion:114 Resp: 98828

Ion Ratio Lower Upper

114 100

63 20.4 17.0 25.4

88 15.2 12.8 19.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN079182.D

Acq: 07 Sep 2023 18:29

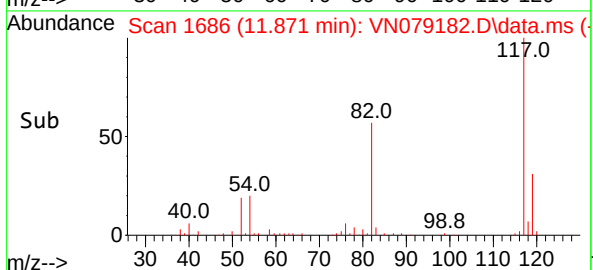
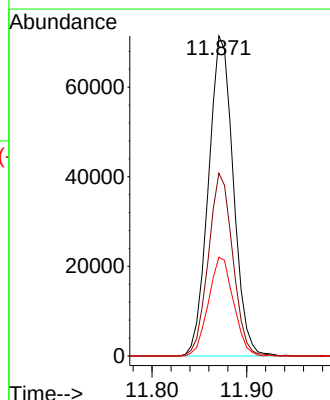
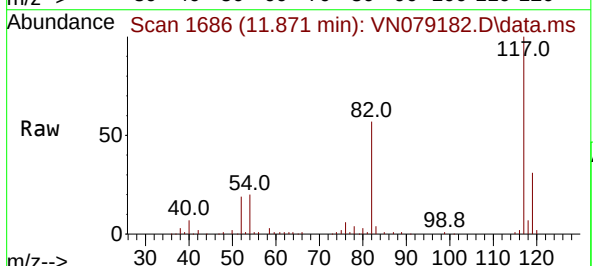
Tgt Ion:117 Resp: 130413

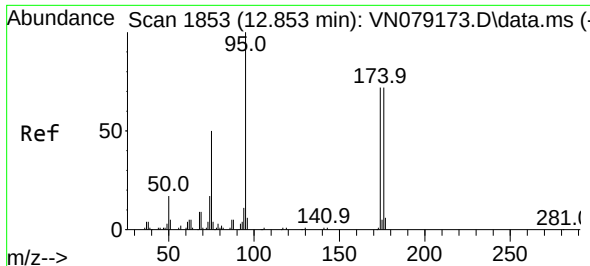
Ion Ratio Lower Upper

117 100

82 56.0 44.7 67.1

119 31.0 24.9 37.3

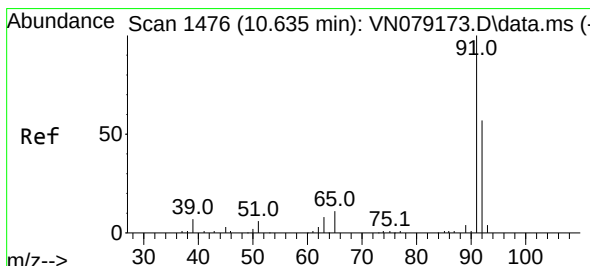
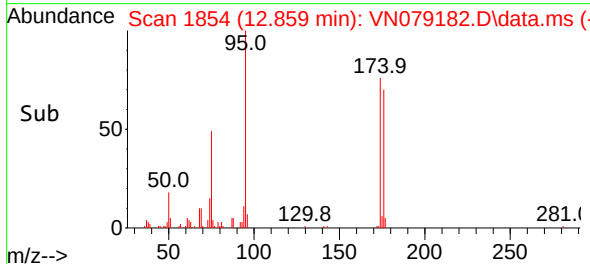
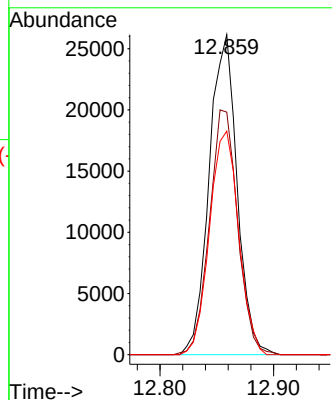
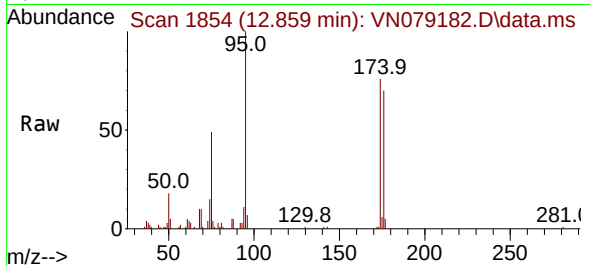




#60
4-Bromofluorobenzene
Concen: 23.241 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

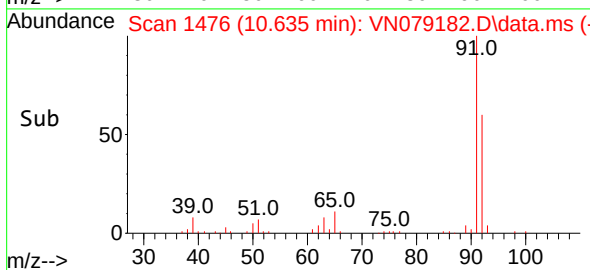
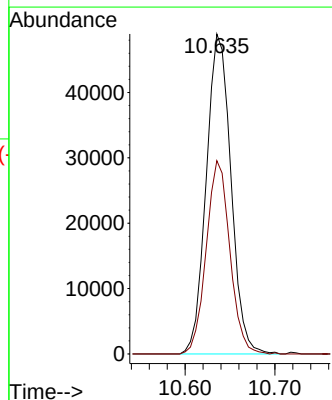
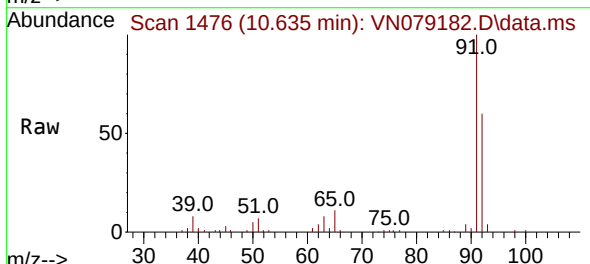
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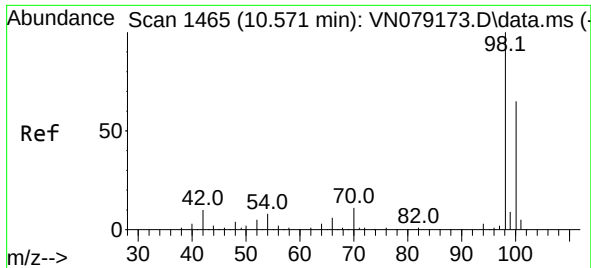
Tgt Ion: 95 Resp: 44660
Ion Ratio Lower Upper
95 100
174 77.3 59.5 89.3
176 73.0 59.1 88.7



#62
Toluene
Concen: 12.313 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079182.D
Acq: 07 Sep 2023 18:29

Tgt Ion: 91 Resp: 93500
Ion Ratio Lower Upper
91 100
92 57.9 45.7 68.5





#63
 Toluene-d8
 Concen: 30.585 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN079182.D
 Acq: 07 Sep 2023 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE-(JULY)

Tgt Ion: 98 Resp: 186404
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.5 78.7

