

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079181.D
 Acq On : 07 Sep 2023 18:05
 Operator : JC\MD
 Sample : 04320-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JULY)

Quant Time: Sep 08 05:44:31 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)

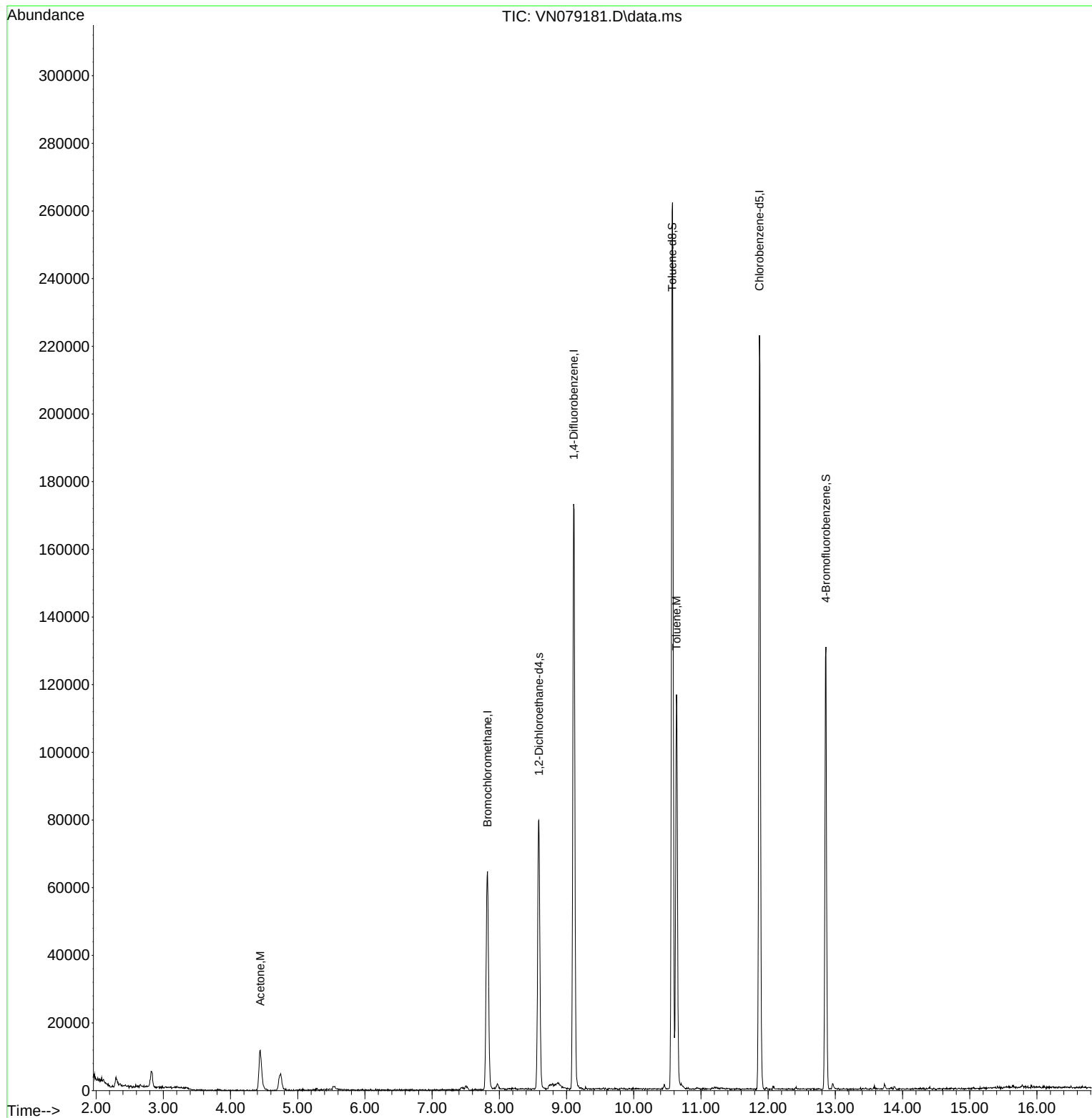
Internal Standards						
1) Bromochloromethane	7.824	128	24289	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	156049	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	138172	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	66278	36.319	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	121.067%#
60) 4-Bromofluorobenzene	12.859	95	48249	23.699	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.000%
63) Toluene-d8	10.571	98	189312	29.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	7368	48.355	ug/l	94
62) Toluene	10.635	91	93682	11.645	ug/l	99

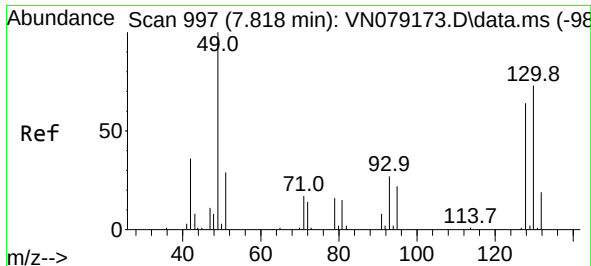
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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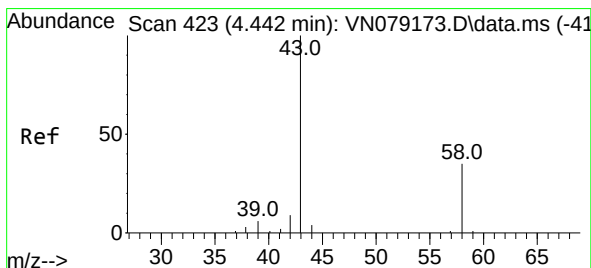
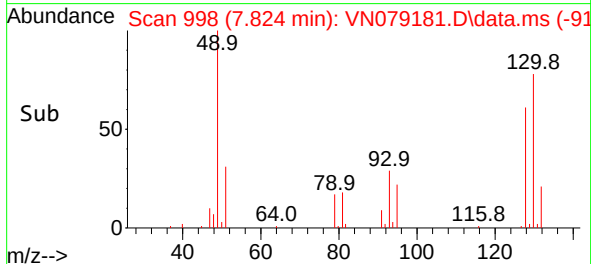
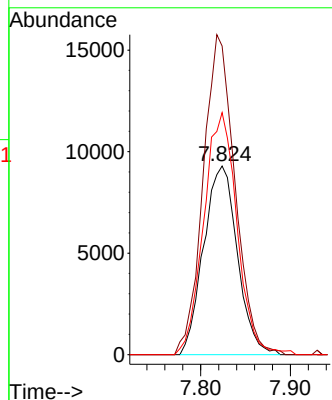
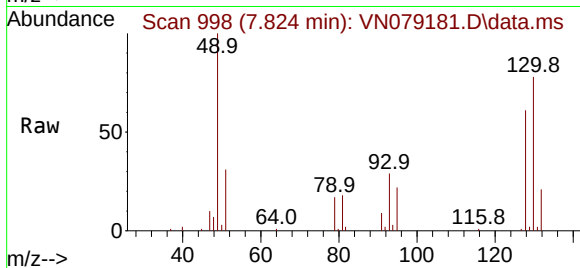




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN079181.D
Acq: 07 Sep 2023 18:05

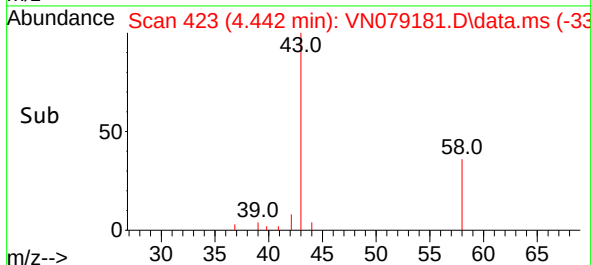
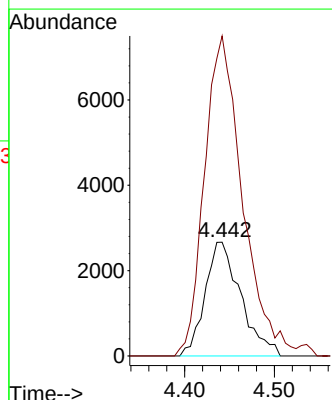
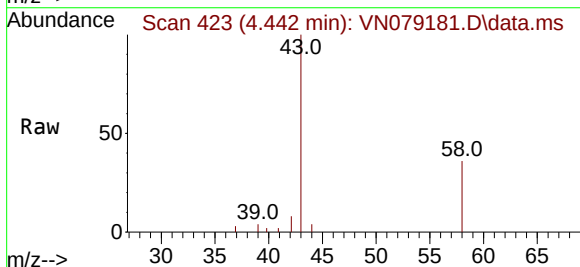
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

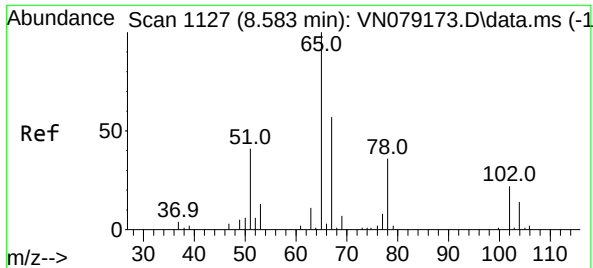
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.7	0.0	414.3
130	126.0	0.0	311.0



#15
Acetone
Concen: 48.355 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079181.D
Acq: 07 Sep 2023 18:05

Tgt Ion	Ratio	Lower	Upper
58	100		
43	274.7	228.3	342.5

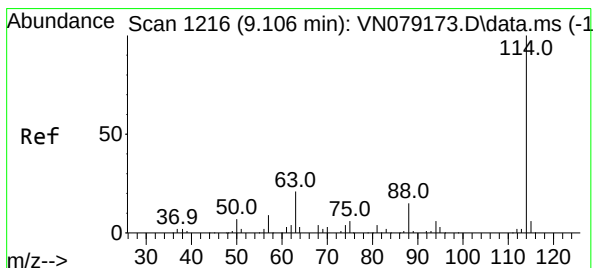
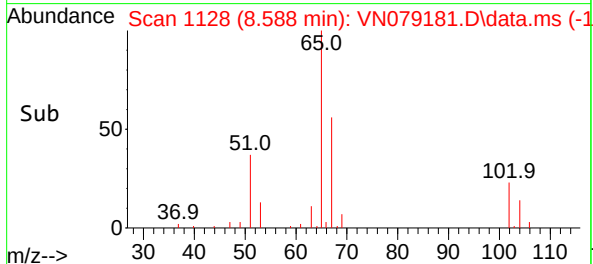
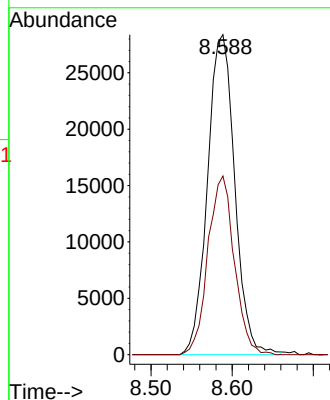
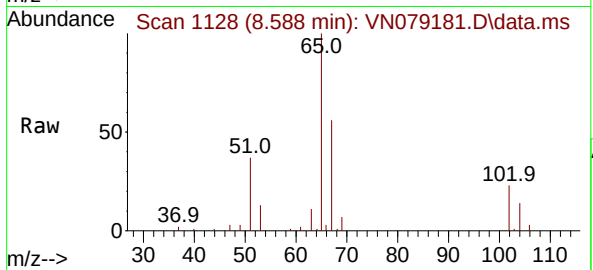




#27
 1,2-Dichloroethane-d4
 Concen: 36.319 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.005 min
 Lab File: VN079181.D
 Acq: 07 Sep 2023 18:05

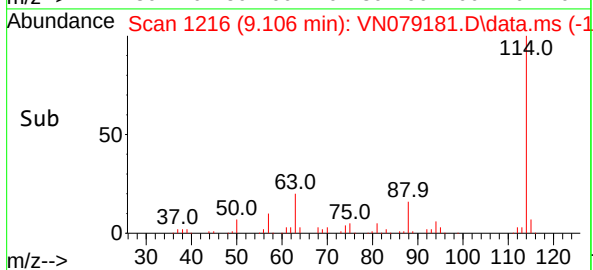
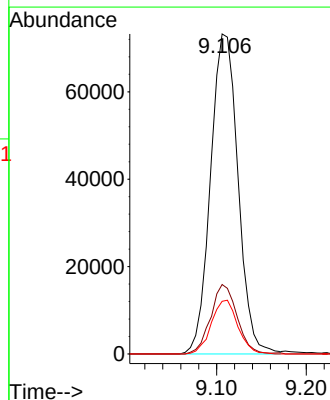
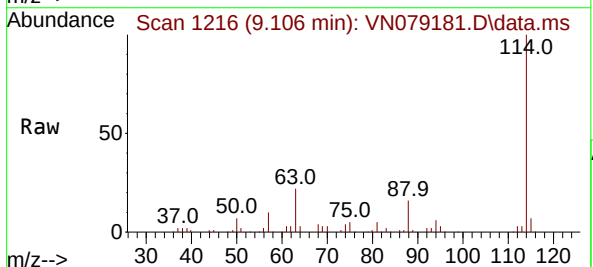
Instrument :
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 001-WILLETS-PT-BLVD(JULY)

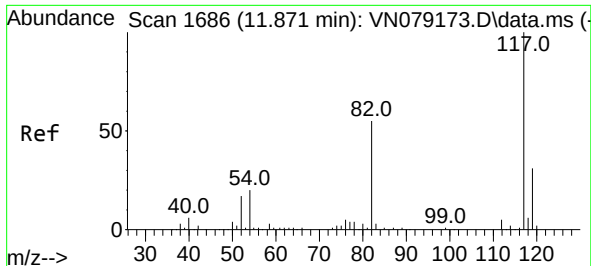
Tgt Ion: 65 Resp: 66278
 Ion Ratio Lower Upper
 65 100
 67 53.8 44.4 66.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079181.D
 Acq: 07 Sep 2023 18:05

Tgt Ion: 114 Resp: 156049
 Ion Ratio Lower Upper
 114 100
 63 20.8 17.0 25.4
 88 16.2 12.8 19.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079181.D

Acq: 07 Sep 2023 18:05

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JULY)

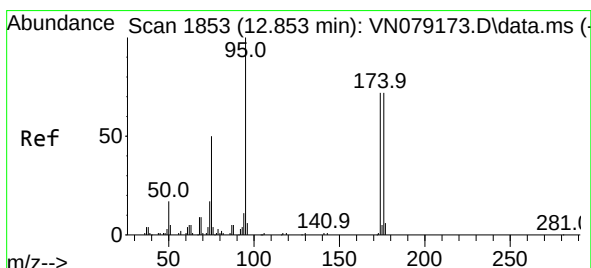
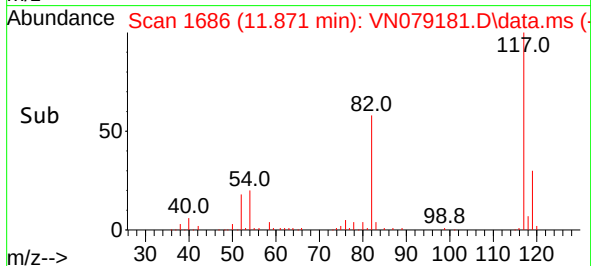
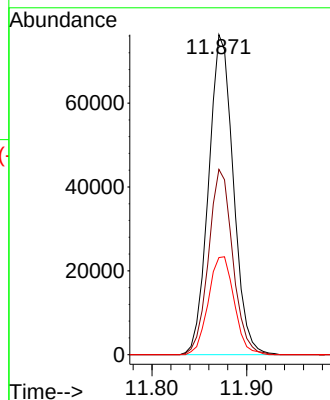
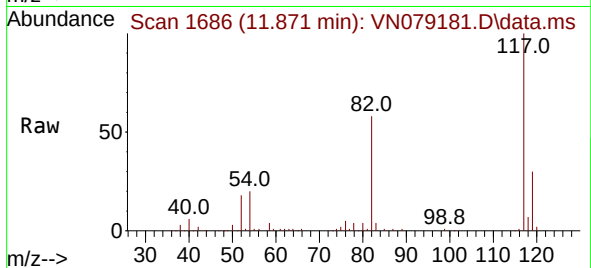
Tgt Ion:117 Resp: 138172

Ion Ratio Lower Upper

117 100

82 56.7 44.7 67.1

119 31.9 24.9 37.3



#60

4-Bromofluorobenzene

Concen: 23.699 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN079181.D

Acq: 07 Sep 2023 18:05

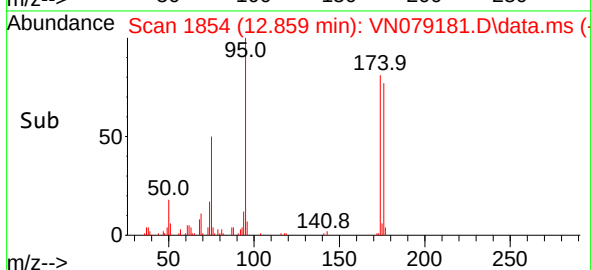
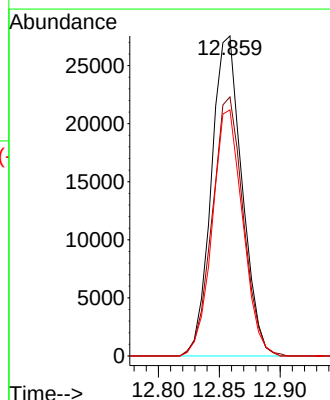
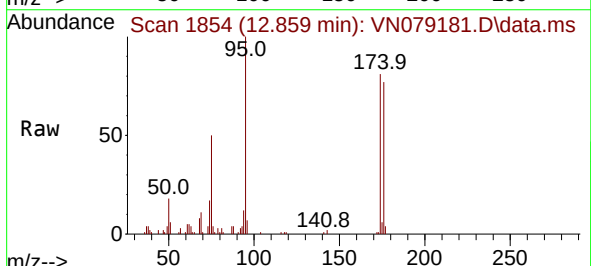
Tgt Ion: 95 Resp: 48249

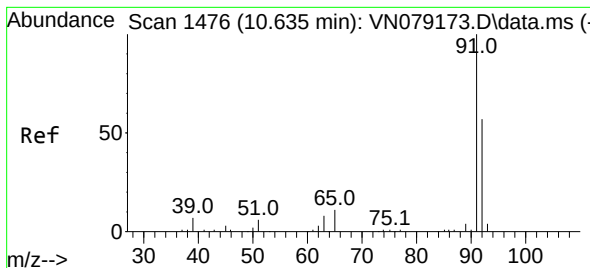
Ion Ratio Lower Upper

95 100

174 81.9 59.5 89.3

176 76.3 59.1 88.7





#62

Toluene

Concen: 11.645 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079181.D

Acq: 07 Sep 2023 18:05

Instrument :

MSVOA_N

ClientSampleId :

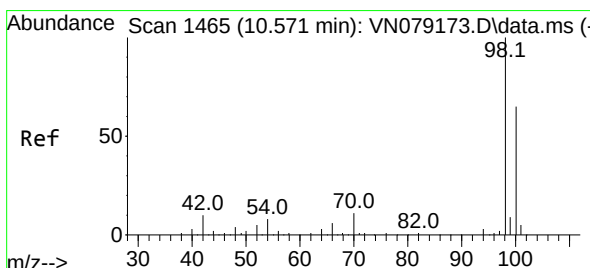
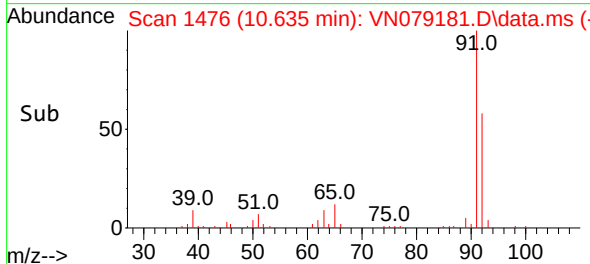
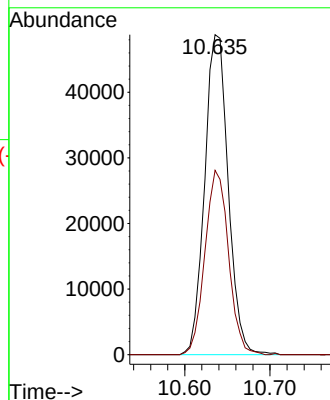
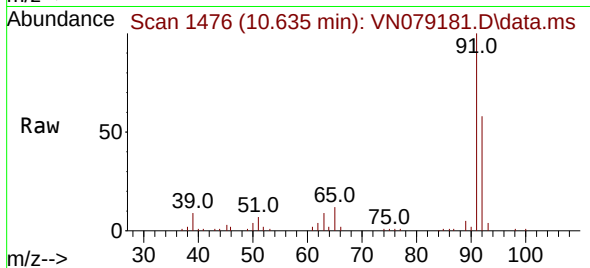
001-WILLETS-PT-BLVD(JULY)

Tgt Ion: 91 Resp: 93682

Ion Ratio Lower Upper

91 100

92 57.6 45.7 68.5



#63

Toluene-d8

Concen: 29.318 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079181.D

Acq: 07 Sep 2023 18:05

Tgt Ion: 98 Resp: 189312

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7

