

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079301.D
 Acq On : 19 Sep 2023 14:28
 Operator : JC\MD
 Sample : 04477-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 19 15:41:30 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)

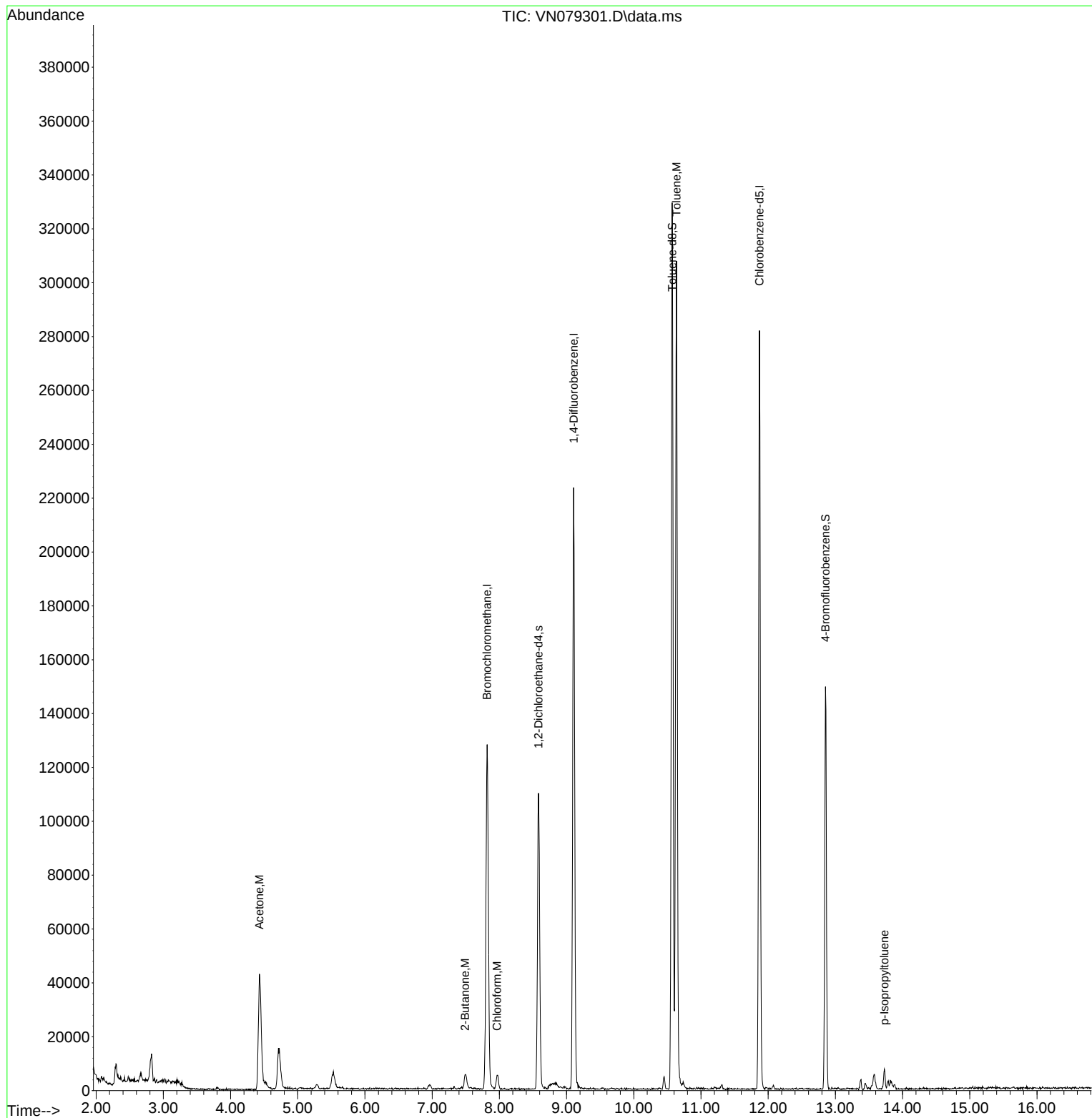
Internal Standards						
1) Bromochloromethane	7.818	128	43154	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	181119	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	161397	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	89270	27.534	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.767%
60) 4-Bromofluorobenzene	12.853	95	51484	21.649	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.167%
63) Toluene-d8	10.571	98	227369	30.144	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	25933	95.794	ug/l	83
25) Chloroform	7.965	83	5023	0.977	ug/l	92
30) 2-Butanone	7.488	43	9872	6.759	ug/l #	82
62) Toluene	10.635	91	227971	24.259	ug/l	100
82) p-Isopropyltoluene	13.729	119	3266	0.510	ug/l	97

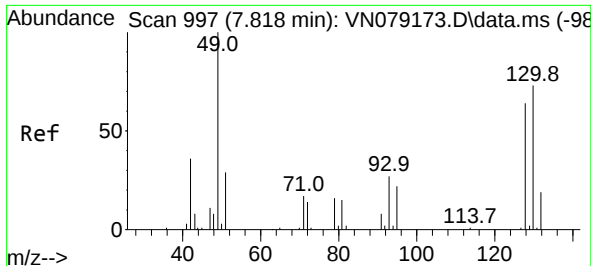
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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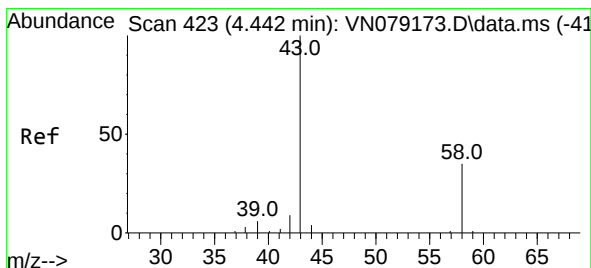
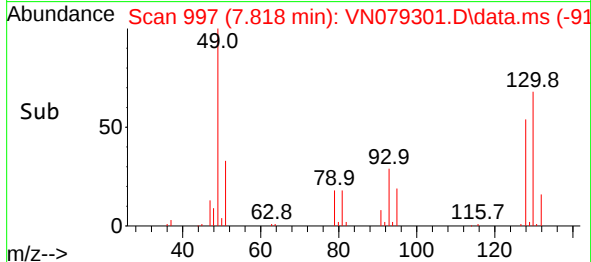
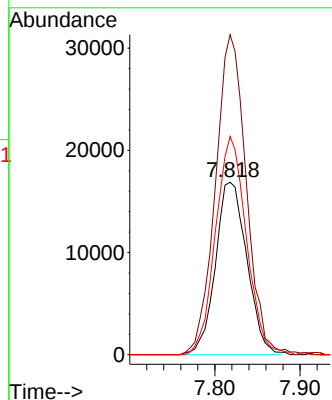
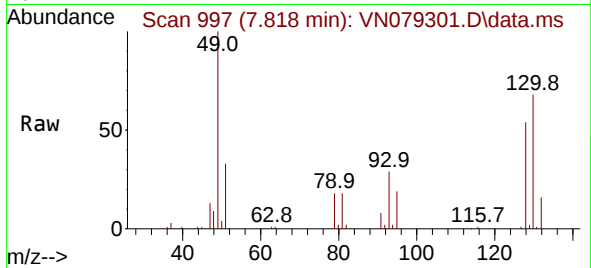




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079301.D
Acq: 19 Sep 2023 14:28

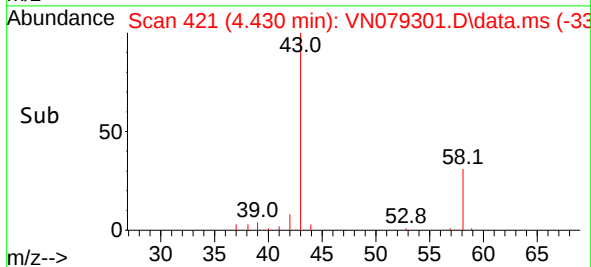
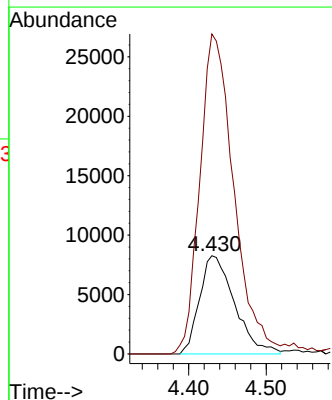
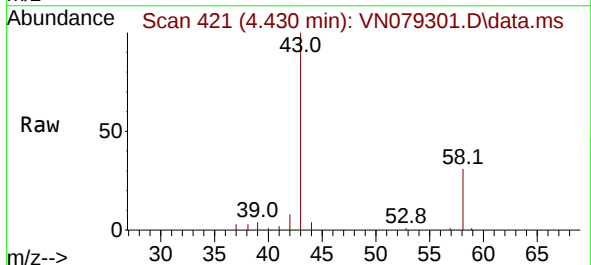
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

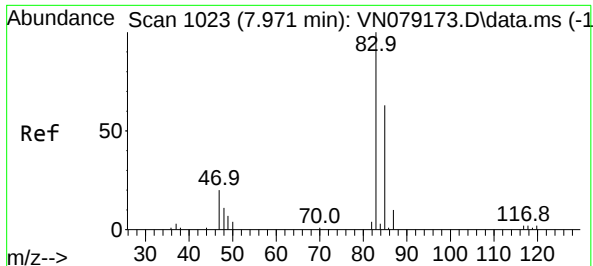
Tgt Ion:128 Resp: 43154
Ion Ratio Lower Upper
128 100
49 181.2 0.0 414.3
130 124.6 0.0 311.0



#15
Acetone
Concen: 95.794 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079301.D
Acq: 19 Sep 2023 14:28

Tgt Ion: 58 Resp: 25933
Ion Ratio Lower Upper
58 100
43 317.4 228.3 342.5





#25

Chloroform

Concen: 0.977 ug/l

RT: 7.965 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079301.D

Acq: 19 Sep 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

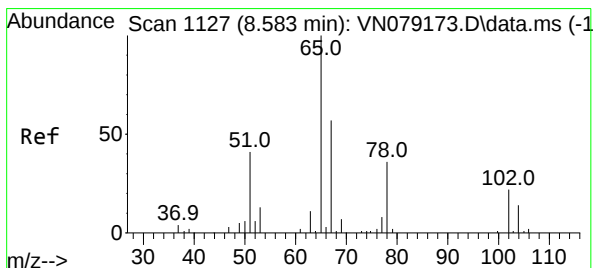
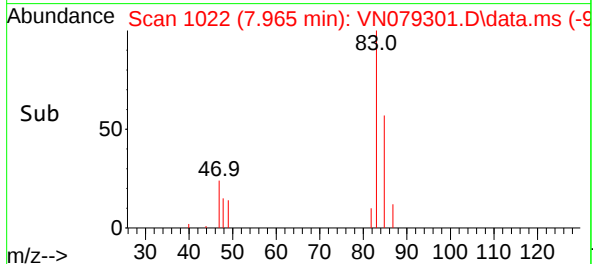
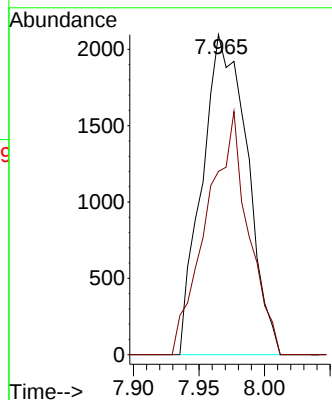
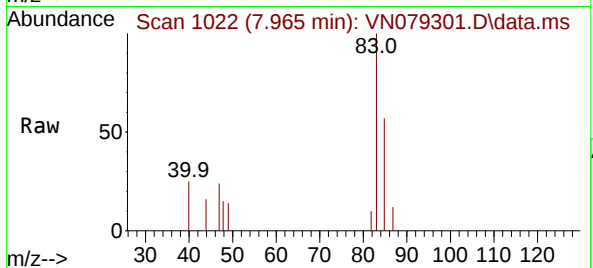
001-WILLETS-PT-BLVD(AUG)

Tgt Ion: 83 Resp: 5023

Ion Ratio Lower Upper

83 100

85 57.3 50.6 76.0



#27

1,2-Dichloroethane-d4

Concen: 27.534 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079301.D

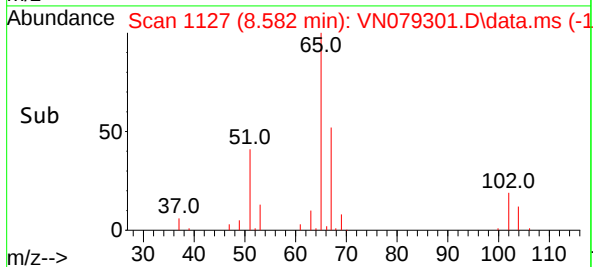
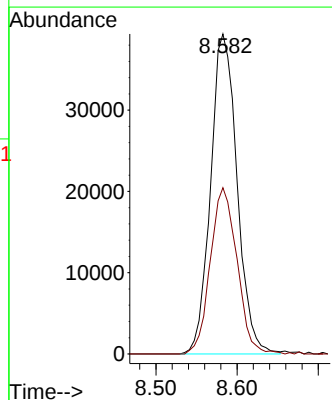
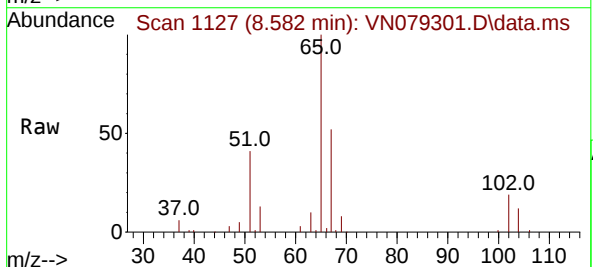
Acq: 19 Sep 2023 14:28

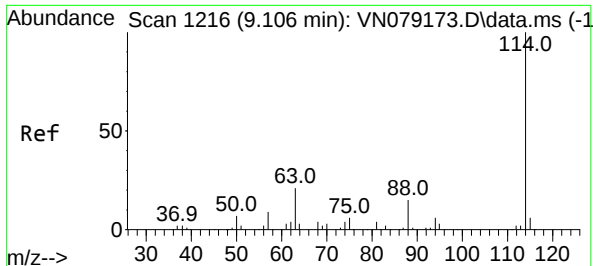
Tgt Ion: 65 Resp: 89270

Ion Ratio Lower Upper

65 100

67 52.0 44.4 66.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079301.D

Acq: 19 Sep 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)

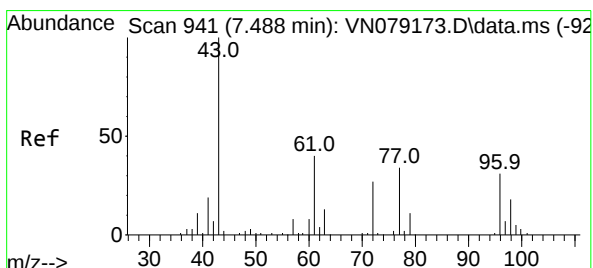
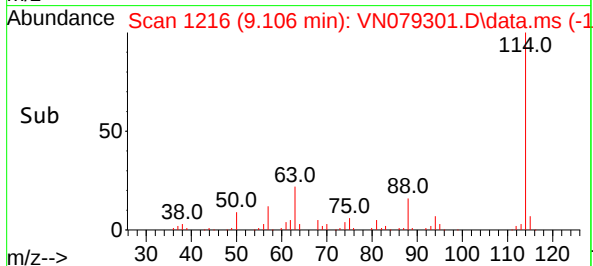
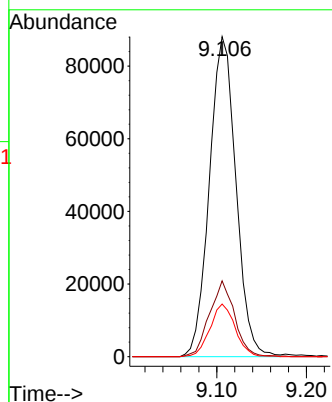
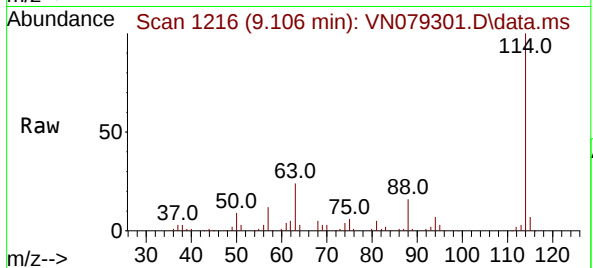
Tgt Ion:114 Resp: 181119

Ion Ratio Lower Upper

114 100

63 22.4 17.0 25.4

88 15.7 12.8 19.2



#30

2-Butanone

Concen: 6.759 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079301.D

Acq: 19 Sep 2023 14:28

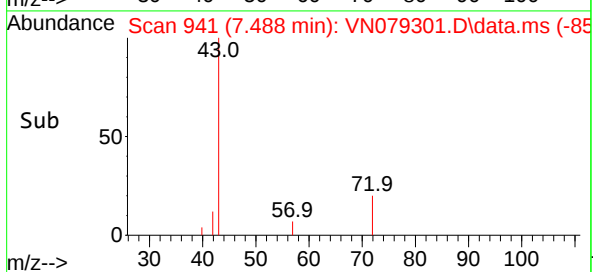
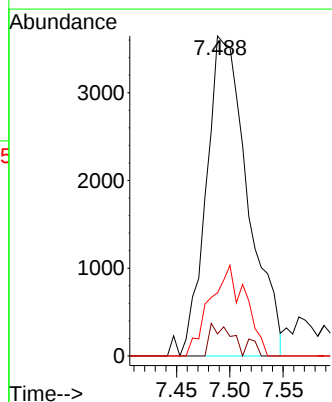
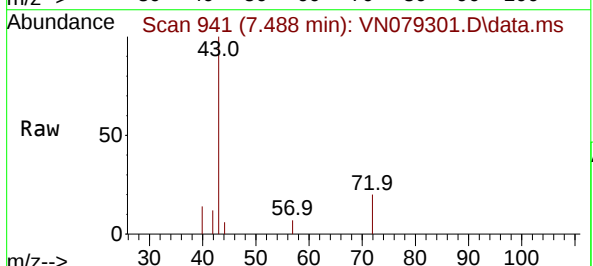
Tgt Ion: 43 Resp: 9872

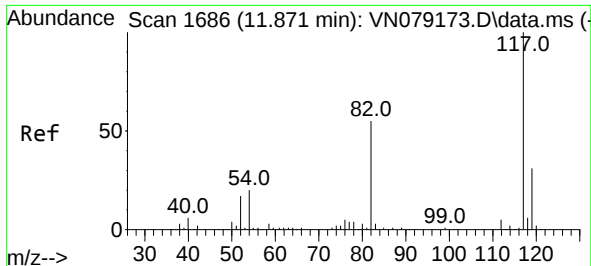
Ion Ratio Lower Upper

43 100

57 5.1 6.8 10.2#

72 17.4 22.4 33.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.001 min

Lab File: VN079301.D

Acq: 19 Sep 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)

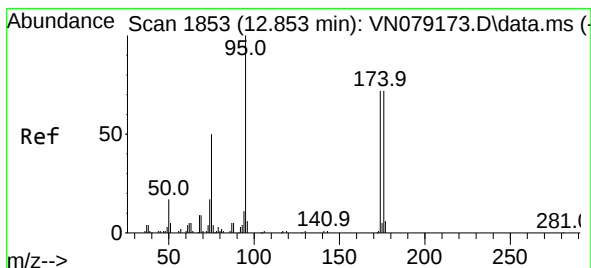
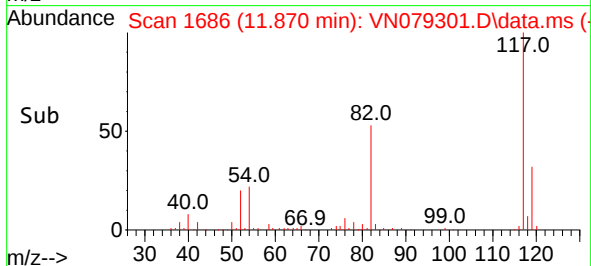
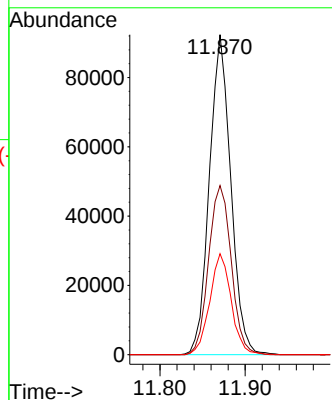
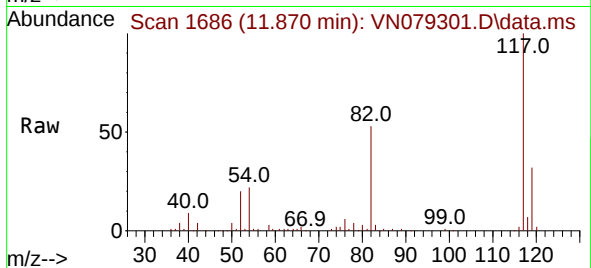
Tgt Ion:117 Resp: 161397

Ion Ratio Lower Upper

117 100

82 55.8 44.7 67.1

119 31.6 24.9 37.3



#60

4-Bromofluorobenzene

Concen: 21.649 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079301.D

Acq: 19 Sep 2023 14:28

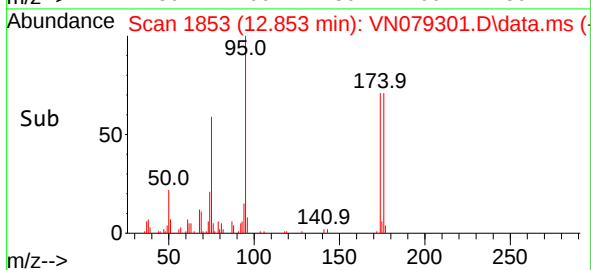
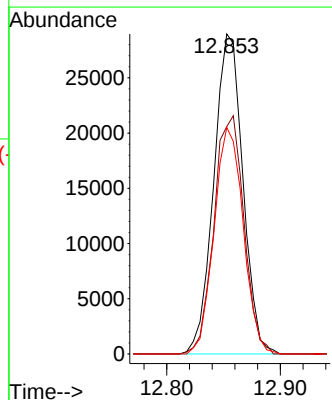
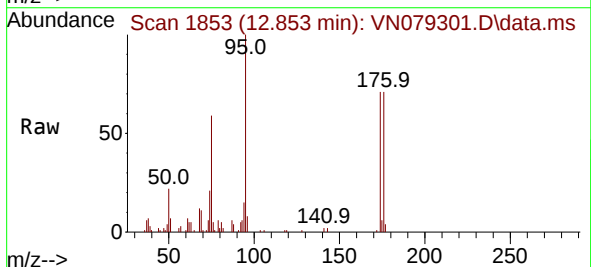
Tgt Ion: 95 Resp: 51484

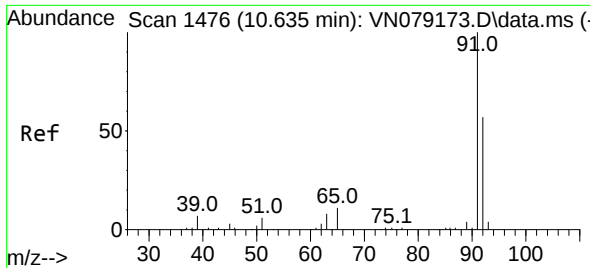
Ion Ratio Lower Upper

95 100

174 76.6 59.5 89.3

176 71.0 59.1 88.7

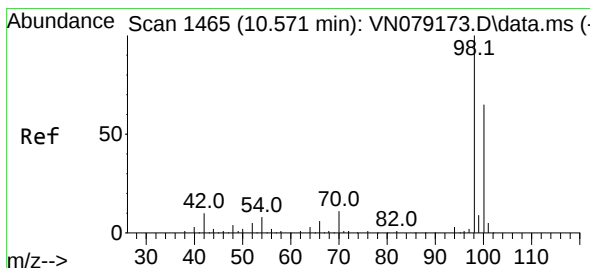
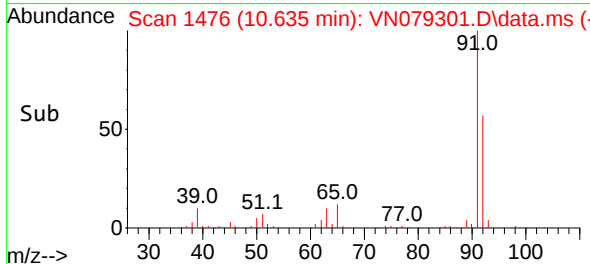
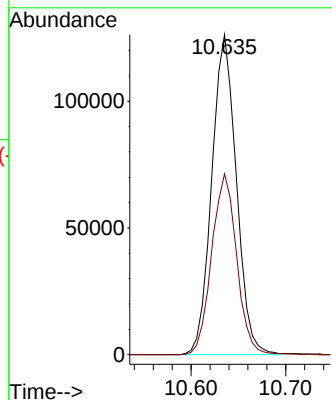
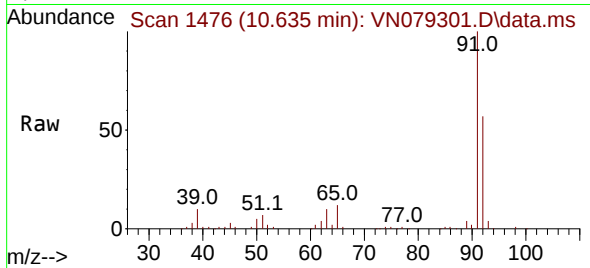




#62
Toluene
Concen: 24.259 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079301.D
Acq: 19 Sep 2023 14:28

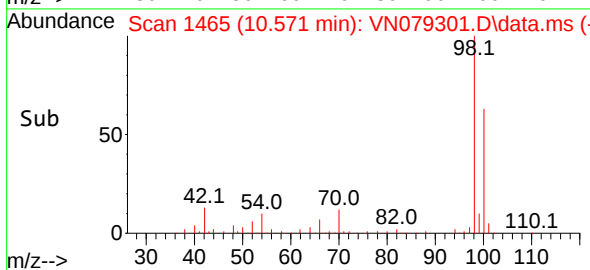
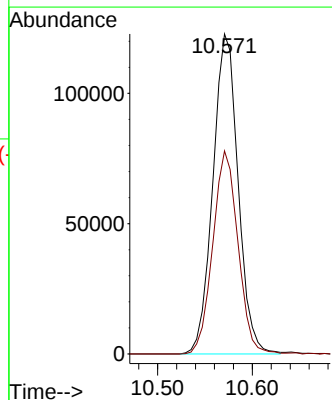
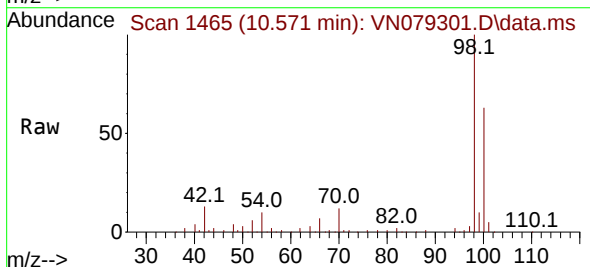
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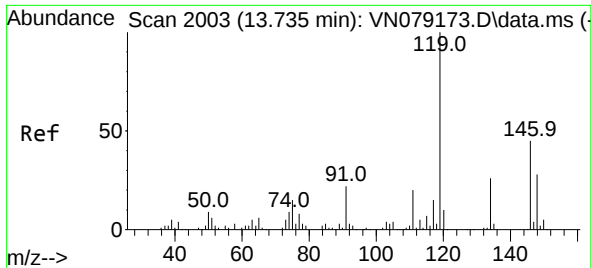
Tgt Ion: 91 Resp: 227971
Ion Ratio Lower Upper
91 100
92 57.4 45.7 68.5



#63
Toluene-d8
Concen: 30.144 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079301.D
Acq: 19 Sep 2023 14:28

Tgt Ion: 98 Resp: 227369
Ion Ratio Lower Upper
98 100
100 63.2 52.5 78.7





#82

p-Isopropyltoluene

Concen: 0.510 ug/l

RT: 13.729 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN079301.D

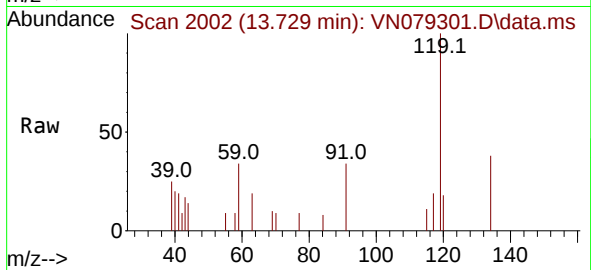
Acq: 19 Sep 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)



Tgt Ion:119 Resp: 3266

Ion Ratio Lower Upper

119 100

134 29.0 0.0 53.8

91 23.5 0.0 48.0

