

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078751.D
 Acq On : 03 Aug 2023 14:32
 Operator : JC\MD
 Sample : 03884-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

Quant Time: Aug 04 06:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.371	128	98399m	30.000	ug/l	-0.45
28) 1,4-Difluorobenzene	8.871	114	745728	30.000	ug/l	-0.24
57) Chlorobenzene-d5	11.818	117	374577	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.271	65	300198	40.700	ug/l	-0.32
Spiked Amount	30.000	Range	91 - 110	Recovery	=	135.667%#
60) 4-Bromofluorobenzene	12.829	95	148125	26.387	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.967%
63) Toluene-d8	10.459	98	546445m	29.531	ug/l	-0.11
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.433%
Target Compounds						
15) Acetone	3.436	58	80411m	106.590	ug/l	Qvalue
25) Chloroform	7.553	83	14280	1.209	ug/l #	73
62) Toluene	10.524	91	821918	36.479	ug/l	99

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

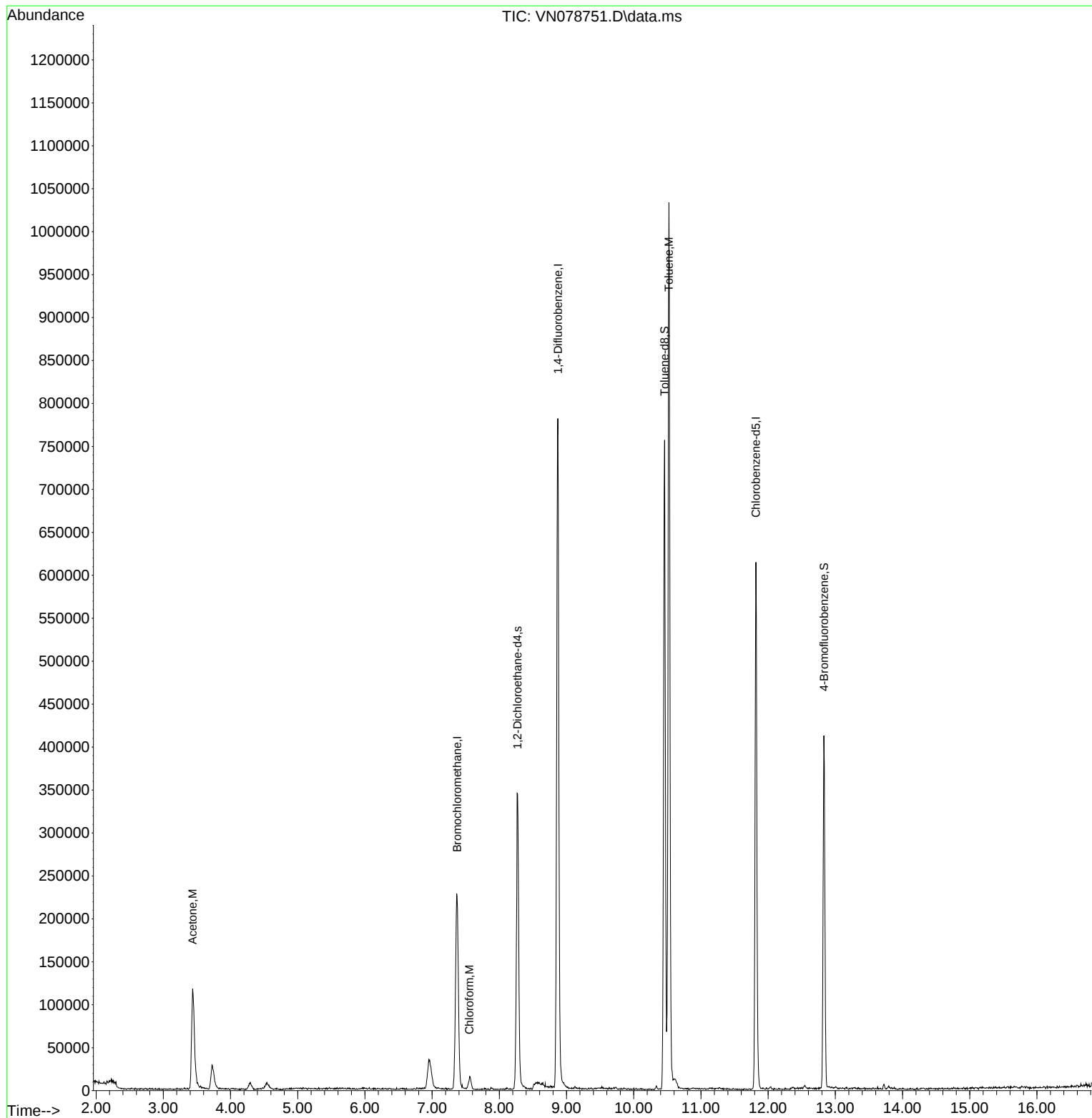
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
Data File : VN078751.D
Acq On : 03 Aug 2023 14:32
Operator : JC\MD
Sample : 03884-03DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

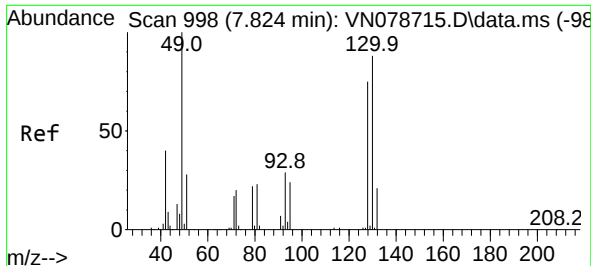
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL

Quant Time: Aug 04 06:31:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:51:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

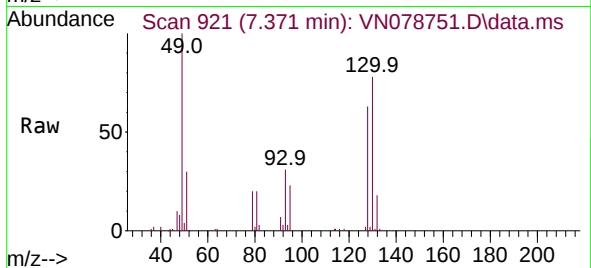
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.371 min Scan# 91
Delta R.T. -0.453 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

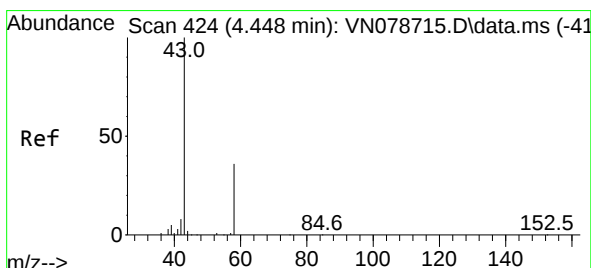
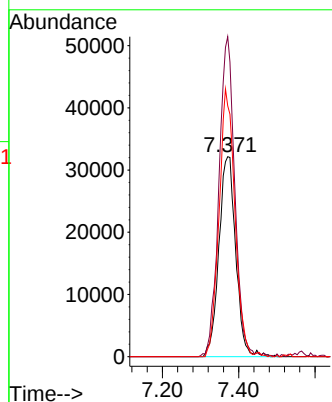
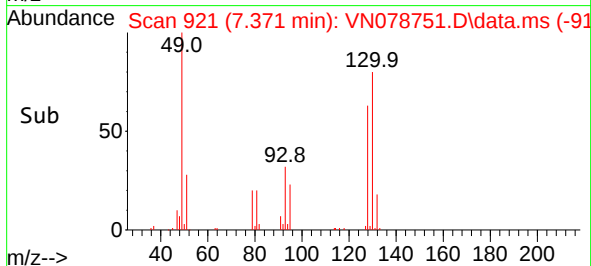
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL



Tgt Ion:128 Resp: 9839
Ion Ratio Lower Upper
128 100
49 0.3 0.0 370.8
130 0.9 0.0 307.0

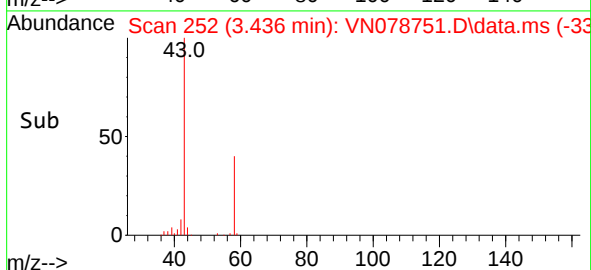
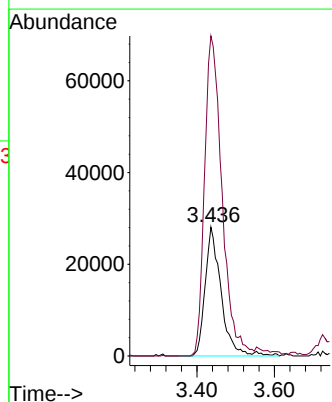
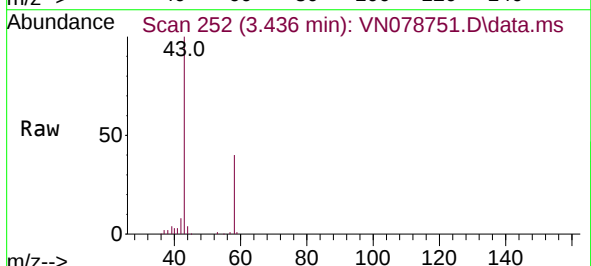
Manual Integrations
APPROVED

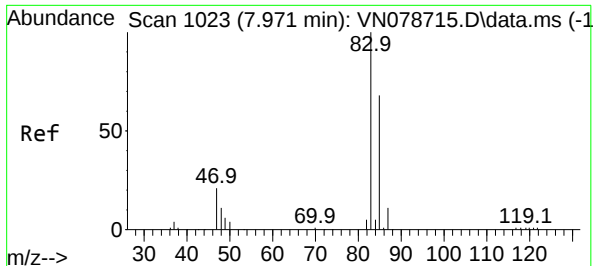
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#15
Acetone
Concen: 106.590 ug/l m
RT: 3.436 min Scan# 252
Delta R.T. -1.012 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

Tgt Ion: 58 Resp: 80411
Ion Ratio Lower Upper
58 100
43 248.5 227.5 341.3





#25

Chloroform

Concen: 1.209 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.418 min

Lab File: VN078751.D

Acq: 03 Aug 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JULY)DL

Tgt Ion: 83 Resp: 14280

Ion Ratio Lower Upper

83 100

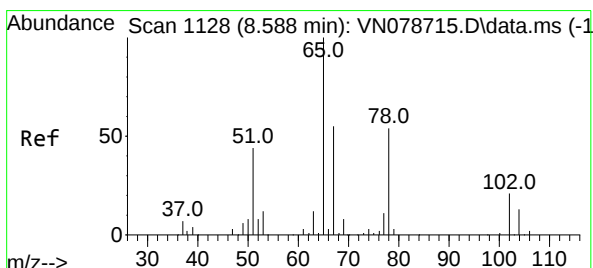
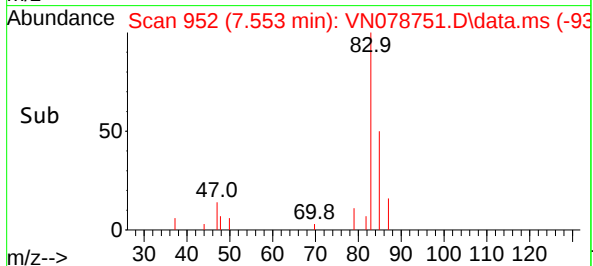
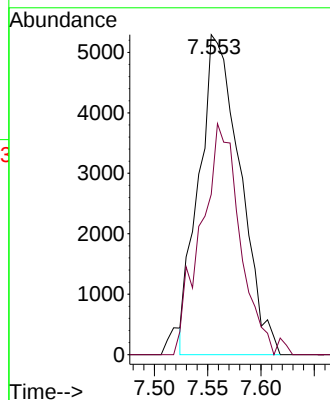
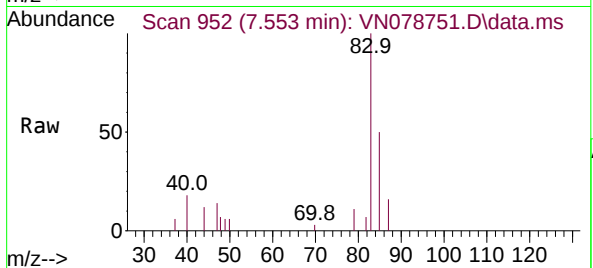
85 44.9 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#27

1,2-Dichloroethane-d4

Concen: 40.700 ug/l

RT: 8.271 min Scan# 1074

Delta R.T. -0.318 min

Lab File: VN078751.D

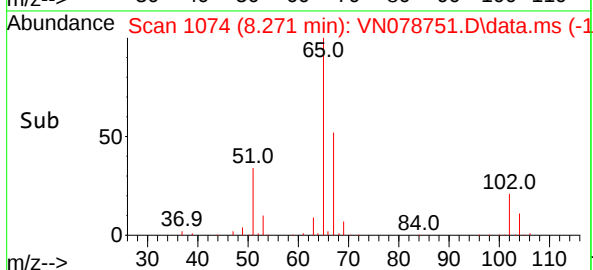
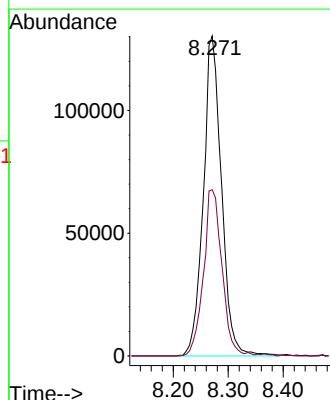
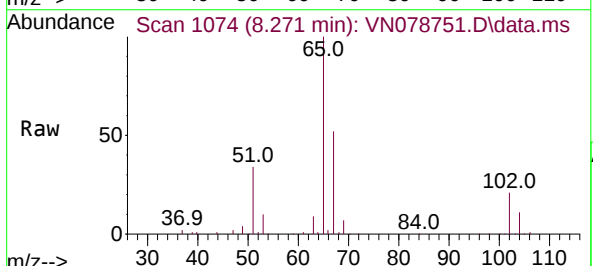
Acq: 03 Aug 2023 14:32

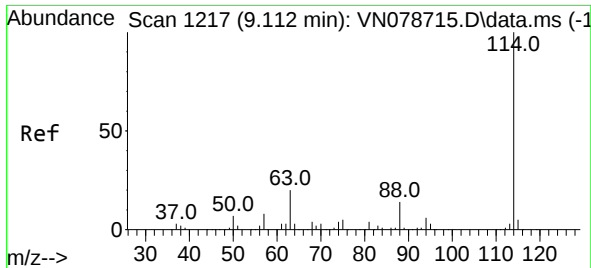
Tgt Ion: 65 Resp: 300198

Ion Ratio Lower Upper

65 100

67 52.4 42.9 64.3





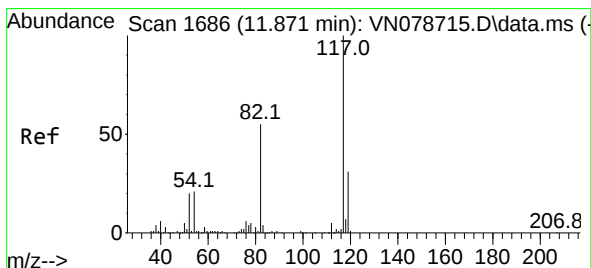
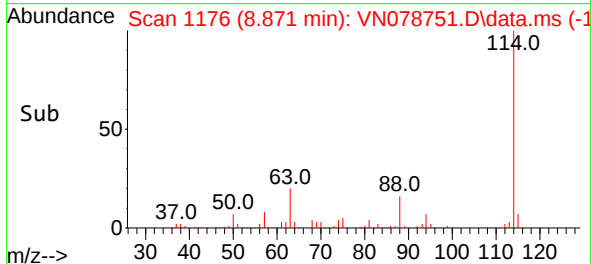
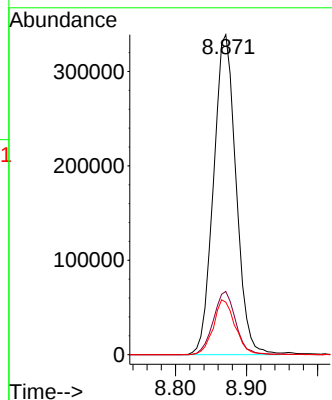
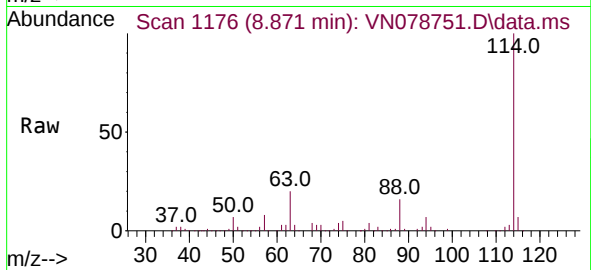
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.871 min Scan# 1176
Delta R.T. -0.241 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

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

Tgt Ion:114 Resp: 745728
Ion Ratio Lower Upper
114 100
63 19.6 15.2 22.8
88 16.6 12.5 18.7

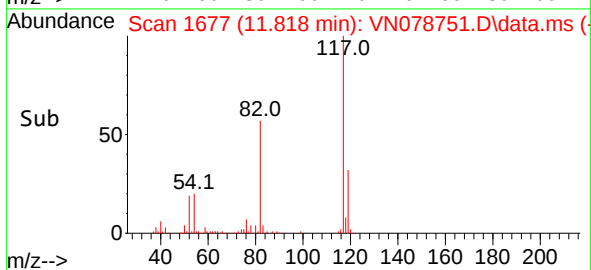
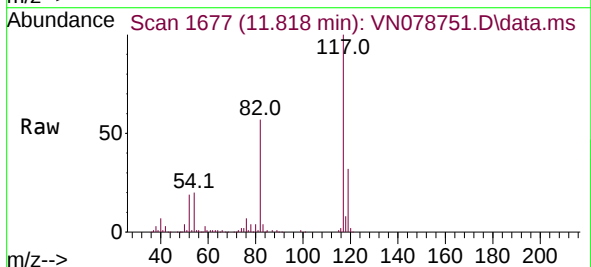
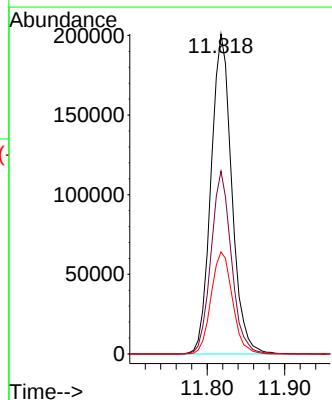
Manual Integrations
APPROVED

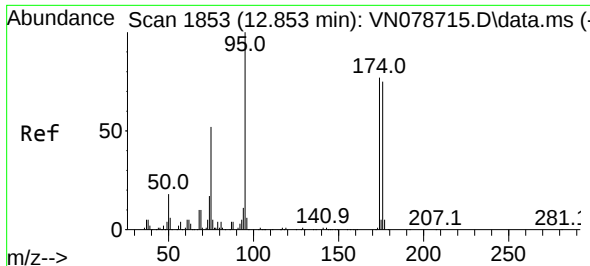
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.818 min Scan# 1677
Delta R.T. -0.053 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

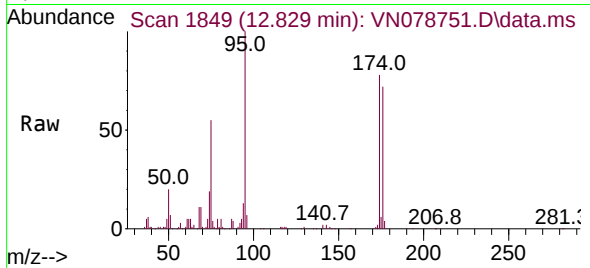
Tgt Ion:117 Resp: 374577
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 32.7 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 26.387 ug/l
RT: 12.829 min Scan# 14812
Delta R.T. -0.023 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

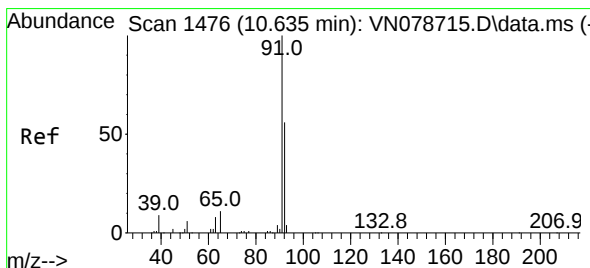
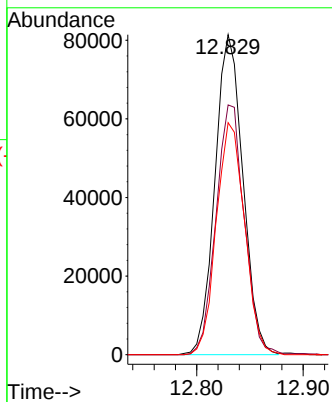
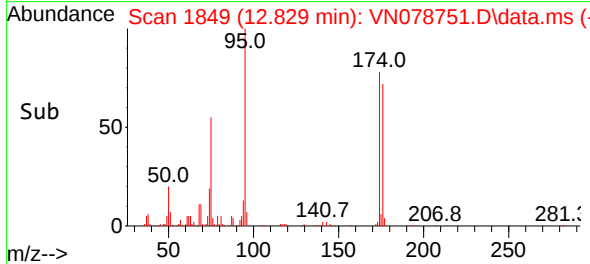
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JULY)DL



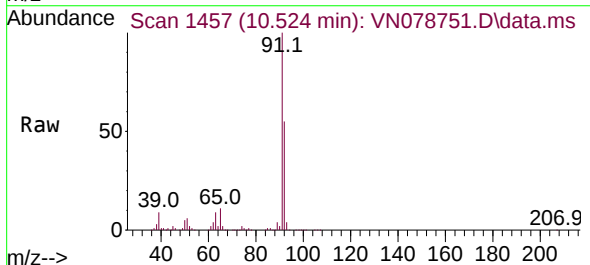
Tgt Ion: 95 Resp: 14812
Ion Ratio Lower Upper
95 100
174 79.0 61.7 92.5
176 73.5 58.1 87.1

Manual Integrations
APPROVED

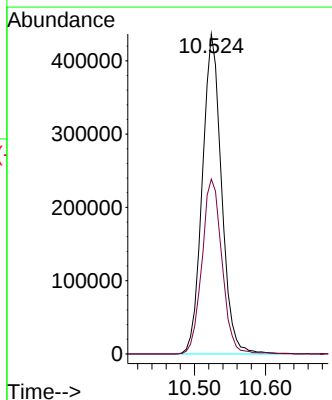
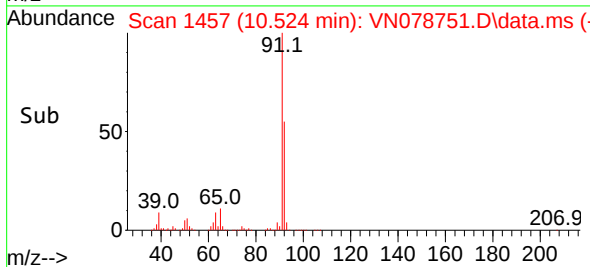
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

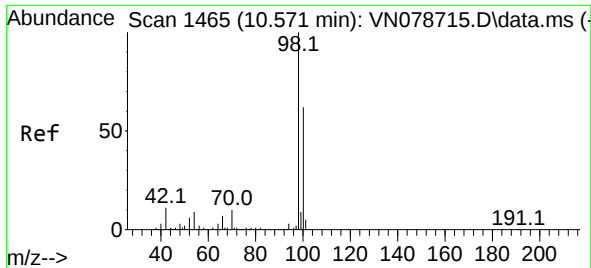


#62
Toluene
Concen: 36.479 ug/l
RT: 10.524 min Scan# 1457
Delta R.T. -0.112 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32



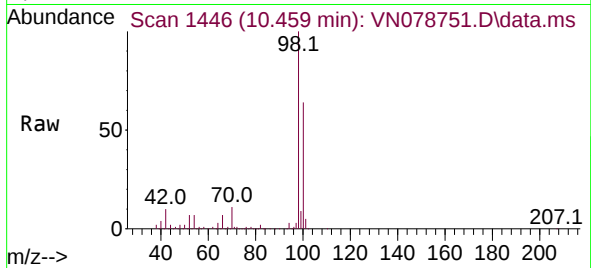
Tgt Ion: 91 Resp: 821918
Ion Ratio Lower Upper
91 100
92 56.9 45.2 67.8





#63
Toluene-d8
Concen: 29.531 ug/l m
RT: 10.459 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN078751.D
Acq: 03 Aug 2023 14:32

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



Tgt Ion: 98 Resp: 546445
Ion Ratio Lower Upper
98 100
100 0.0 49.7 74.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

