

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078749.D
 Acq On : 03 Aug 2023 13:43
 Operator : JC\MD
 Sample : 03884-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 06:30:54 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	7.824	128	107911	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	770015	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	391771	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	306487	37.890	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 126.300%#			
60) 4-Bromofluorobenzene	12.859	95	113846	19.390	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 64.633%			
63) Toluene-d8	10.576	98	582770	30.112	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.367%			
Target Compounds						
15) Acetone	4.441	58	46798	56.566	ug/l	84
25) Chloroform	7.977	83	20658	1.594	ug/l	94
30) 2-Butanone	7.500	43	12714m	2.839	ug/l	
62) Toluene	10.635	91	850171	36.077	ug/l	100

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

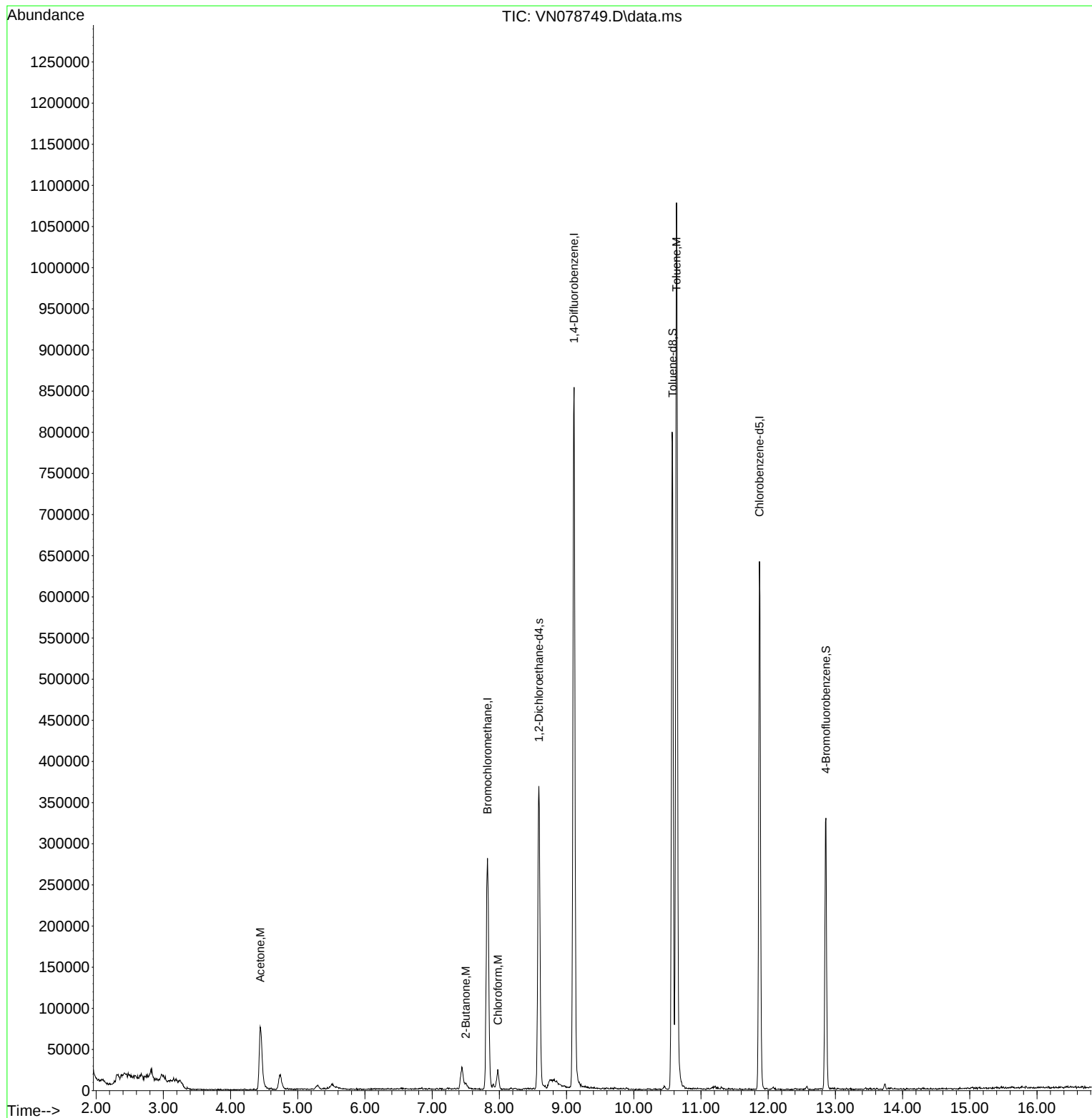
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
Data File : VN078749.D
Acq On : 03 Aug 2023 13:43
Operator : JC\MD
Sample : 03884-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

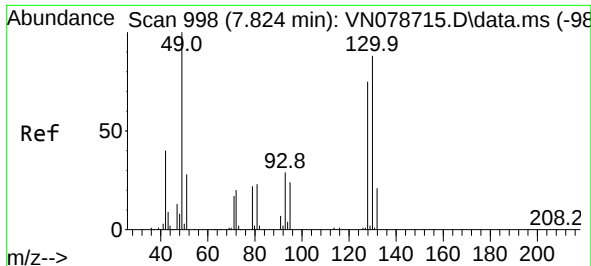
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Aug 04 06:30:54 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

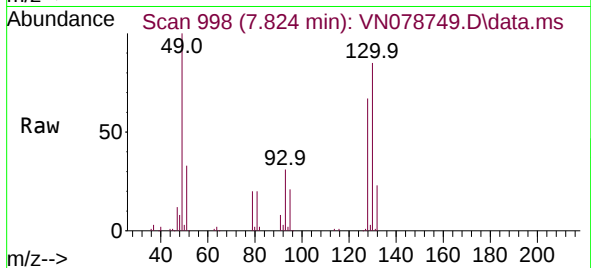
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

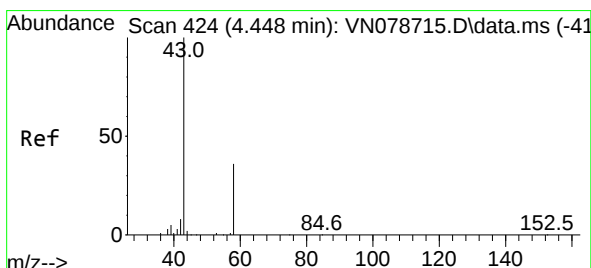
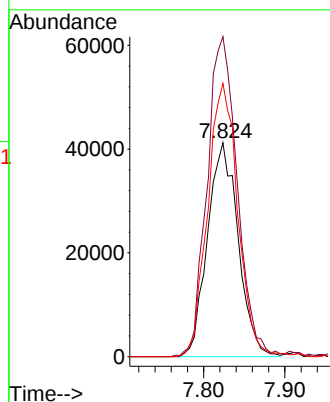
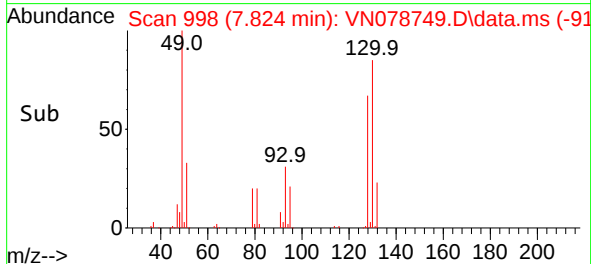
Instrument : MSVOA_N
Client Sample Id : 001-WILLETS-PT-BLVD(JUNE)DL



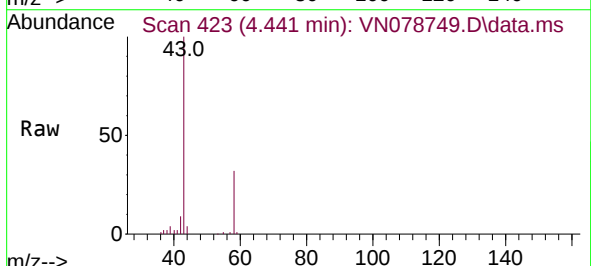
Tgt Ion: 128 Resp: 10791
Ion Ratio Lower Upper
128 100
49 147.4 0.0 370.8
130 126.1 0.0 307.0

Manual Integrations
APPROVED

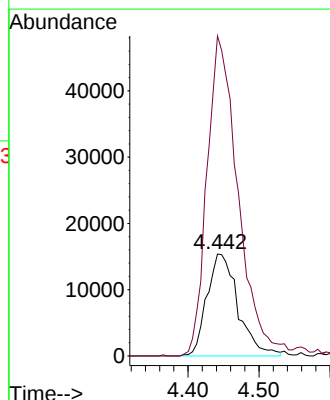
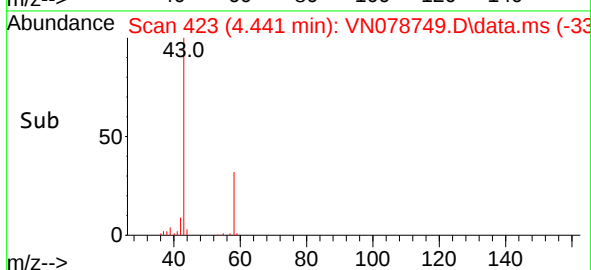
Reviewed By : Mahesh Dadoda 08/04/2023
Supervised By : Semsettin Yesilyurt 08/04/2023

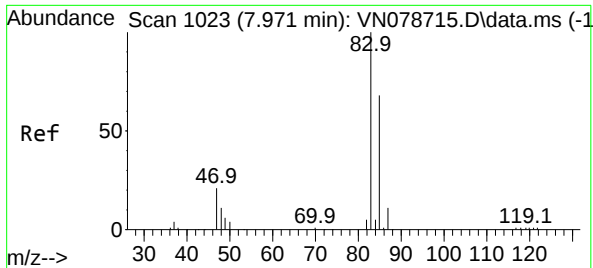


#15
Acetone
Concen: 56.566 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43



Tgt Ion: 58 Resp: 46798
Ion Ratio Lower Upper
58 100
43 314.0 227.5 341.3





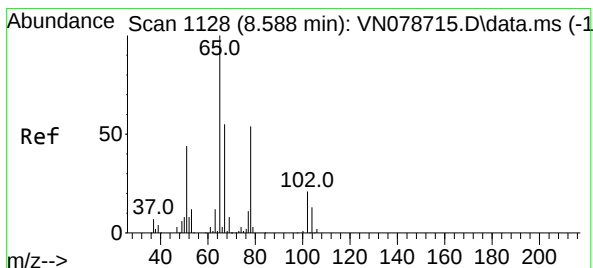
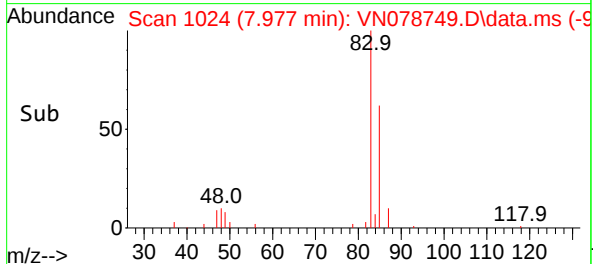
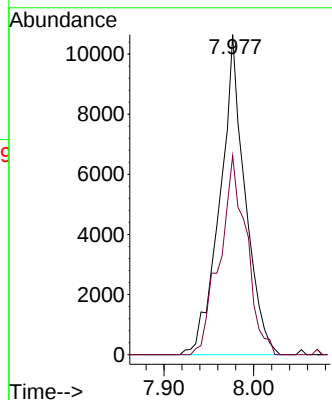
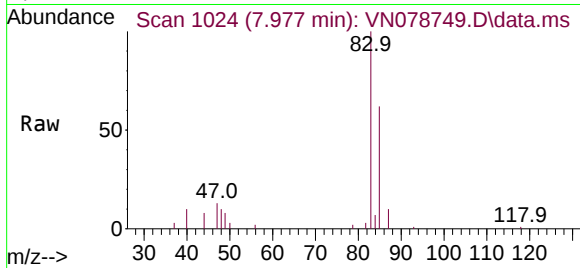
#25
Chloroform
Concen: 1.594 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

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

Tgt Ion: 83 Resp: 20658
Ion Ratio Lower Upper
83 100
85 62.2 53.4 80.0

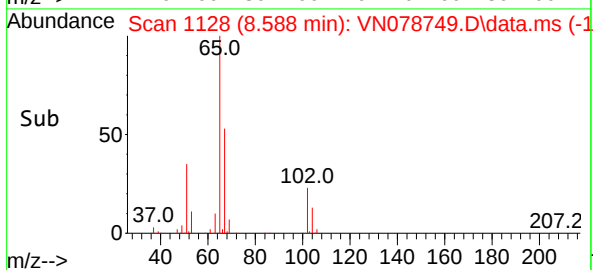
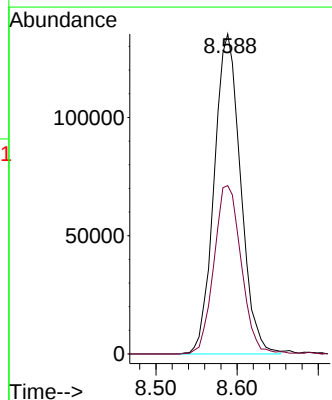
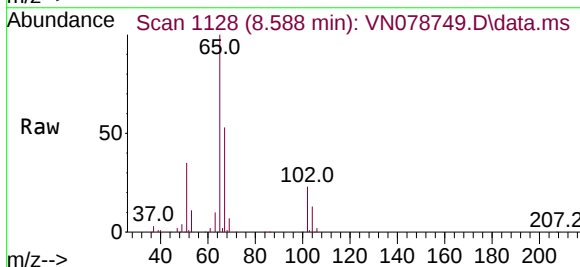
Manual Integrations
APPROVED

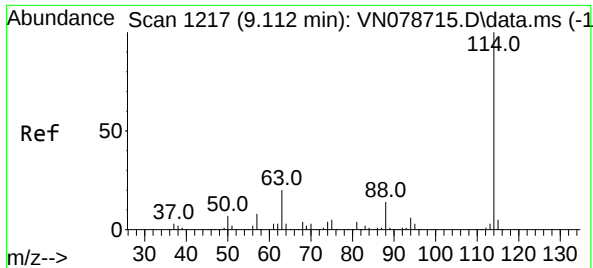
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#27
1,2-Dichloroethane-d4
Concen: 37.890 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

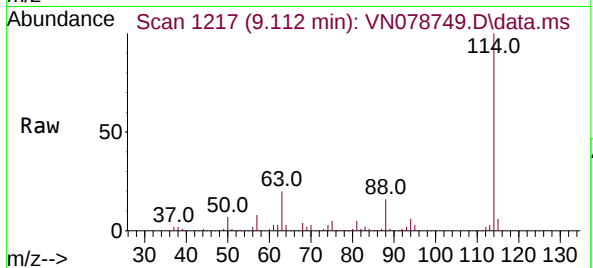
Tgt Ion: 65 Resp: 306487
Ion Ratio Lower Upper
65 100
67 54.0 42.9 64.3





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

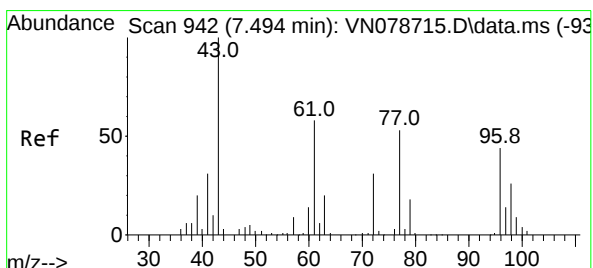
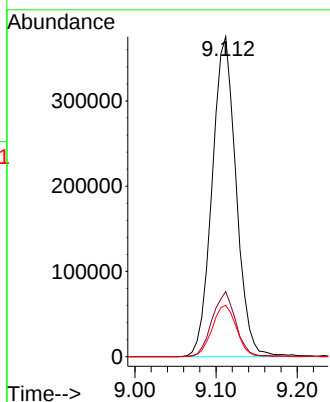
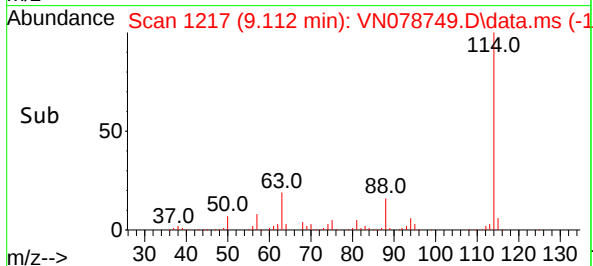
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)DL



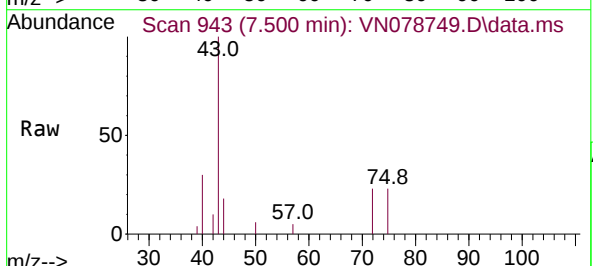
Tgt Ion:114 Resp: 770015
Ion Ratio Lower Upper
114 100
63 19.8 15.2 22.8
88 16.3 12.5 18.7

Manual Integrations
APPROVED

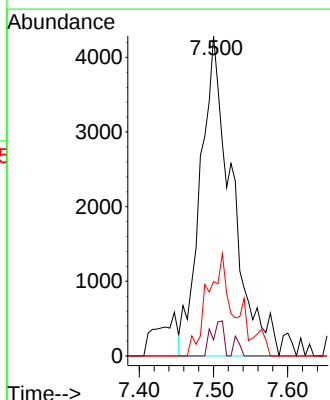
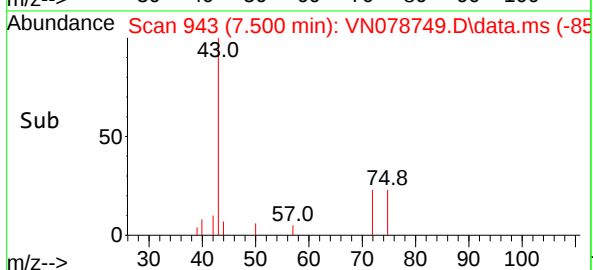
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

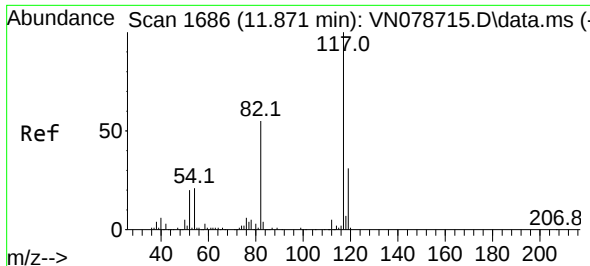


#30
2-Butanone
Concen: 2.839 ug/l m
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43



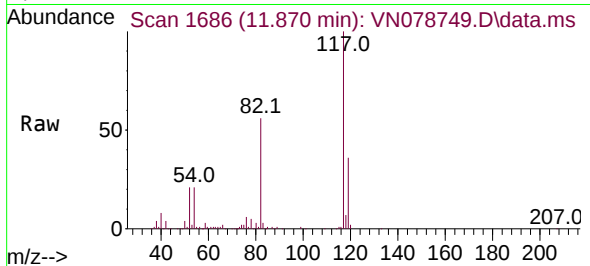
Tgt Ion: 43 Resp: 12714
Ion Ratio Lower Upper
43 100
57 4.2 6.8 10.2#
72 9.1 23.8 35.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

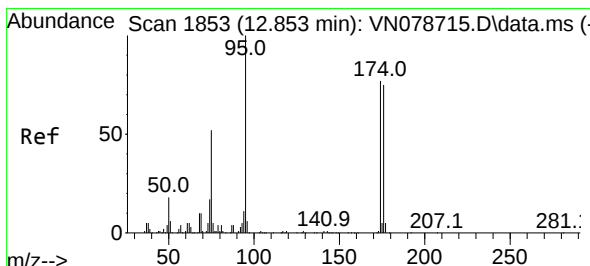
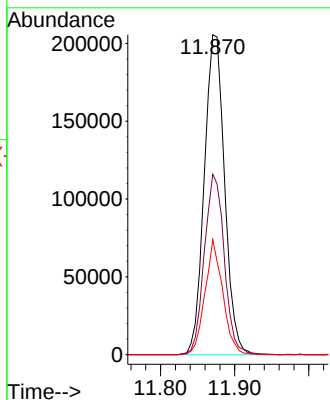
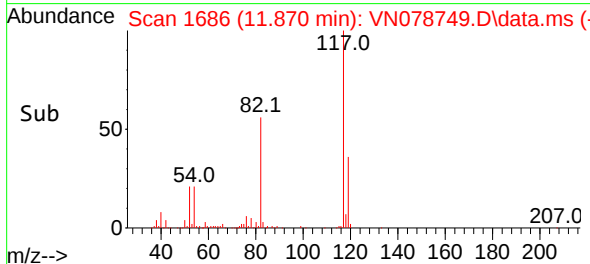
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL



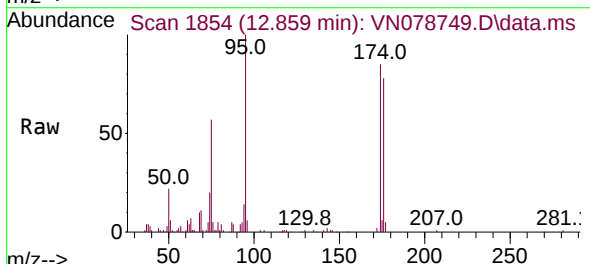
Tgt Ion: 117 Resp: 39177
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 31.6 26.2 39.4

Manual Integrations
APPROVED

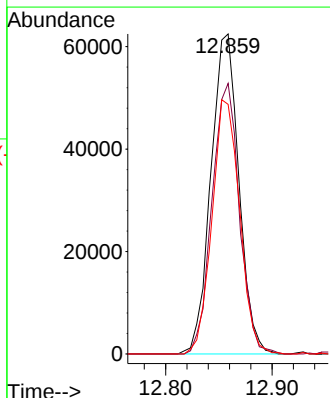
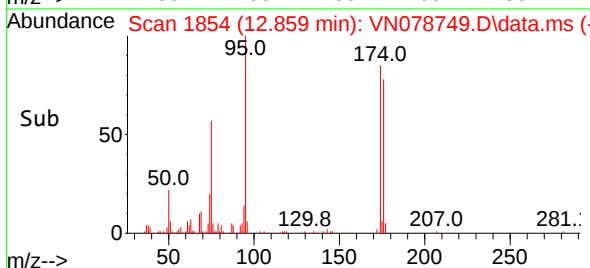
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

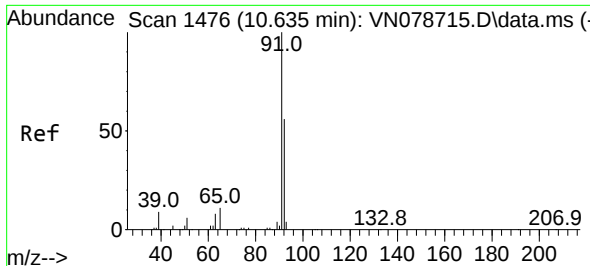


#60
4-Bromofluorobenzene
Concen: 19.390 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43



Tgt Ion: 95 Resp: 113846
Ion Ratio Lower Upper
95 100
174 82.7 61.7 92.5
176 78.4 58.1 87.1





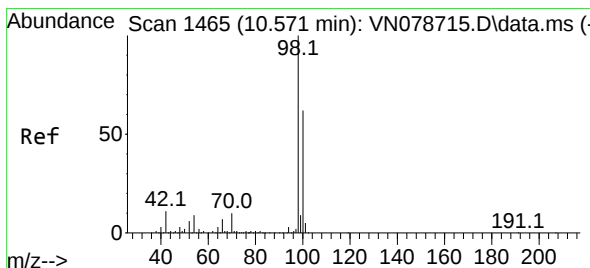
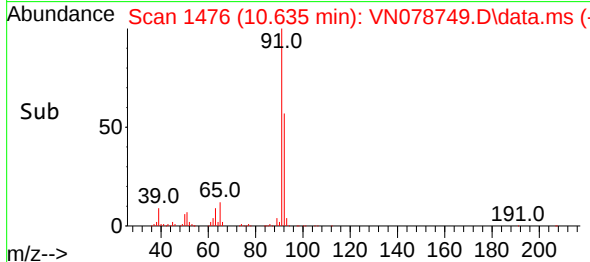
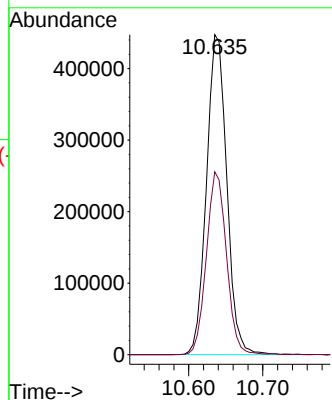
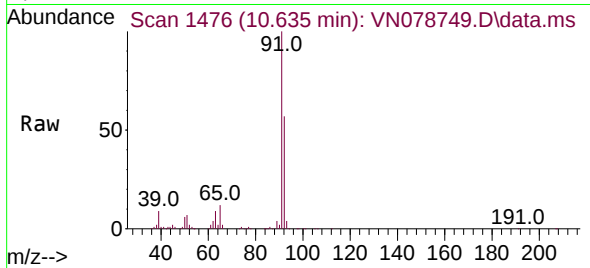
#62
Toluene
Concen: 36.077 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

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

Tgt Ion: 91 Resp: 85017
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8

Manual Integrations
APPROVED

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



#63
Toluene-d8
Concen: 30.112 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078749.D
Acq: 03 Aug 2023 13:43

Tgt Ion: 98 Resp: 582770
Ion Ratio Lower Upper
98 100
100 61.9 49.7 74.5

