

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080992.D
 Acq On : 09 Feb 2024 16:22
 Operator : JC\MD
 Sample : P1429-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 10 02:04:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	68226	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	373106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	328909	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	157125	30.649	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.167%			
60) 4-Bromofluorobenzene	12.853	95	137514	27.348	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.167%			
63) Toluene-d8	10.571	98	448852	30.409	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.367%			
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	4416m	10.957	ug/l	
23) tert-Butyl Alcohol	5.524	59	121709	190.700	ug/l #	100
25) Chloroform	7.965	83	67202	8.043	ug/l	94

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

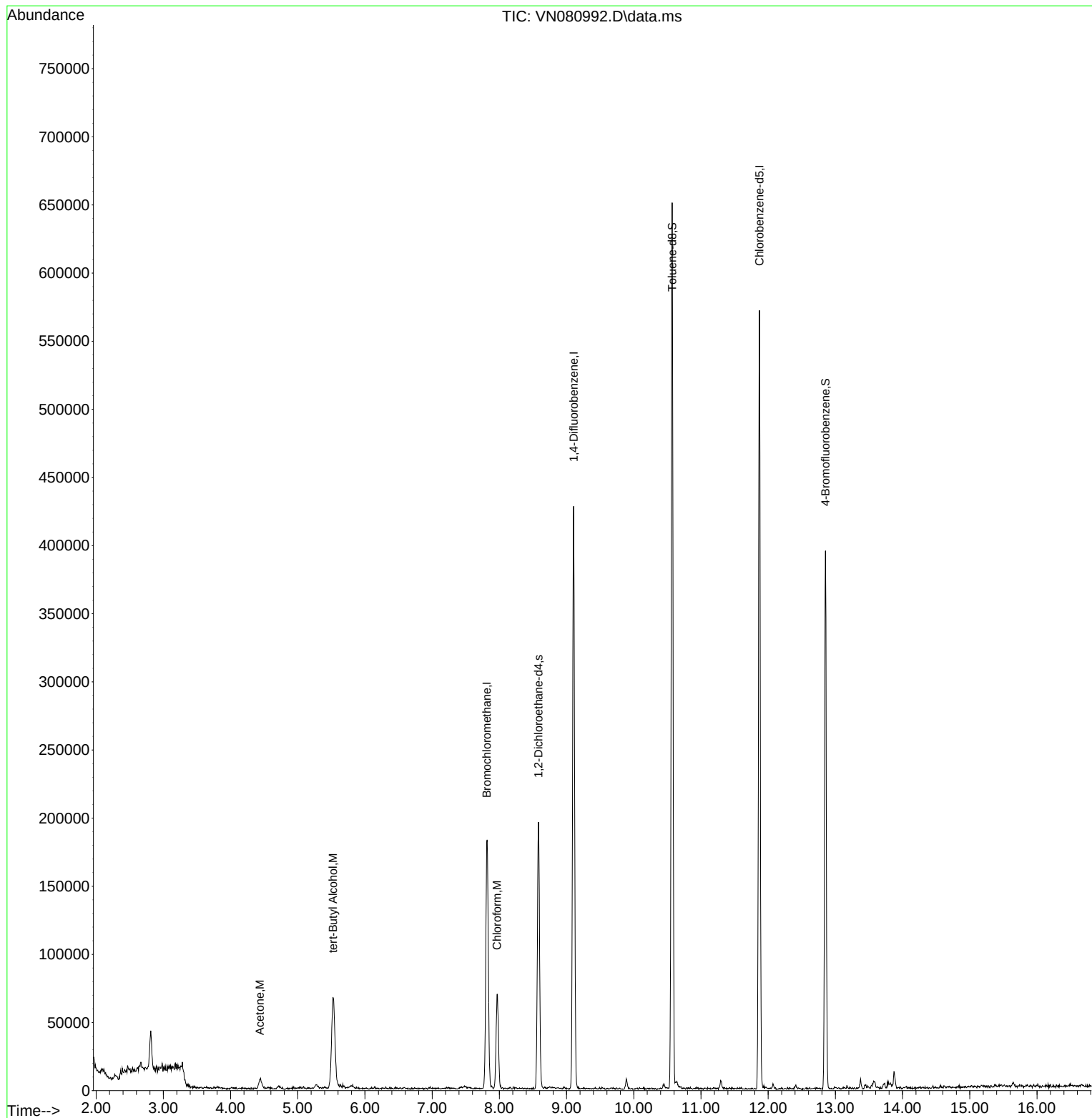
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
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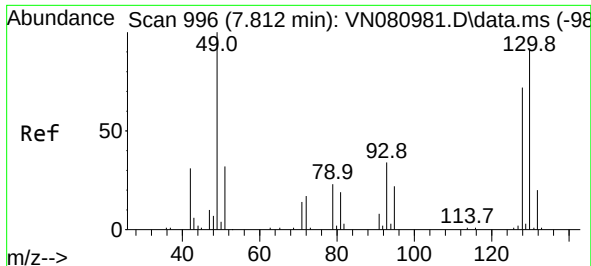
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Quant Time: Feb 10 02:04:11 2024
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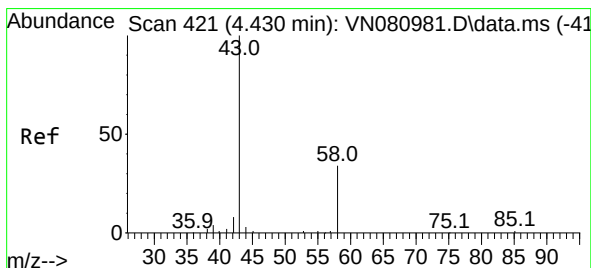
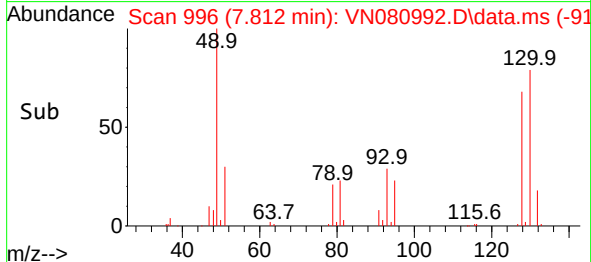
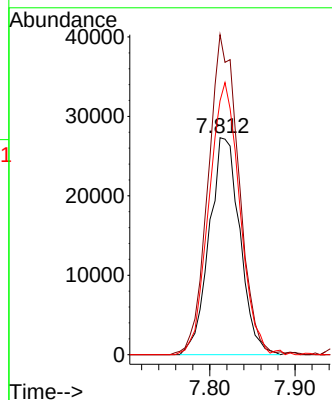
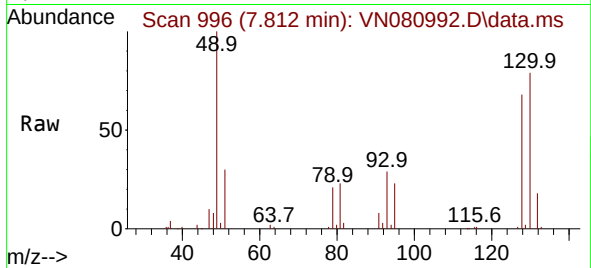
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

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

Tgt Ion:128 Resp: 68220
Ion Ratio Lower Upper
128 100
49 147.9 0.0 403.7
130 125.7 0.0 323.3

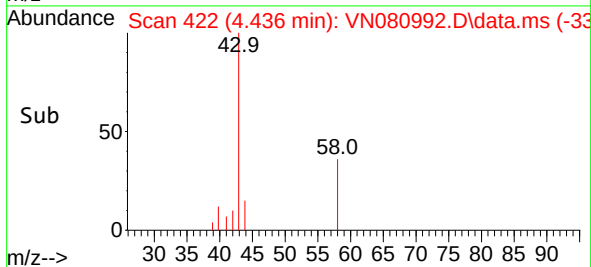
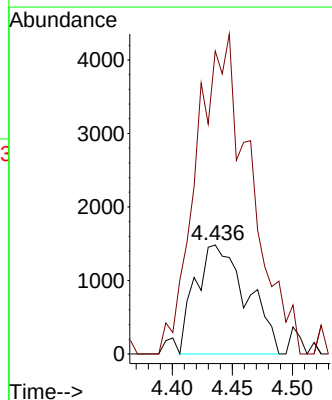
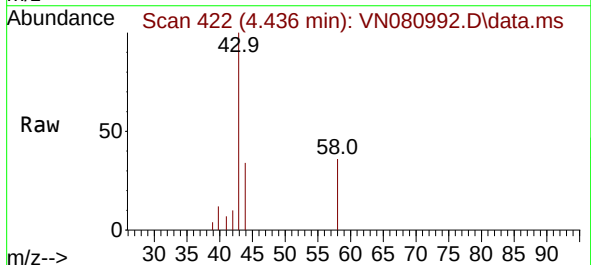
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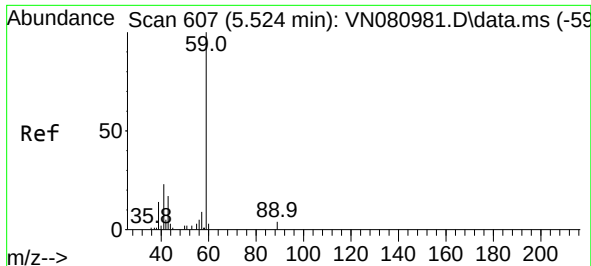
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#15
Acetone
Concen: 10.957 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

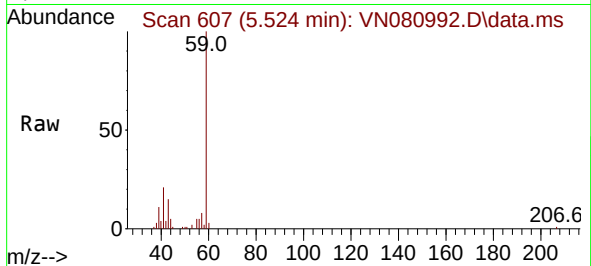
Tgt Ion: 58 Resp: 4416
Ion Ratio Lower Upper
58 100
43 277.9 223.1 334.7





#23
tert-Butyl Alcohol
Concen: 190.700 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

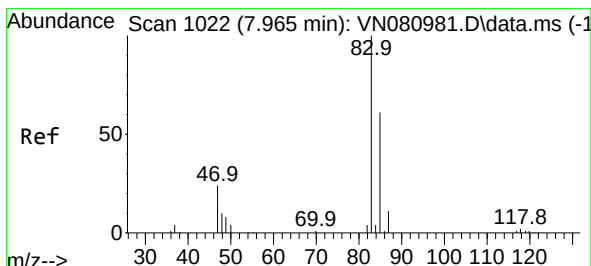
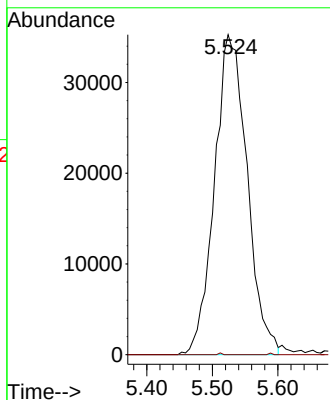
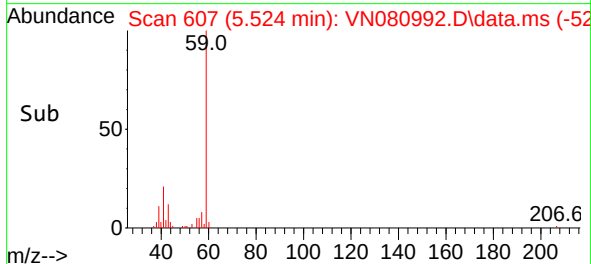
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(FEB)



Tgt Ion: 59 Resp: 121709
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

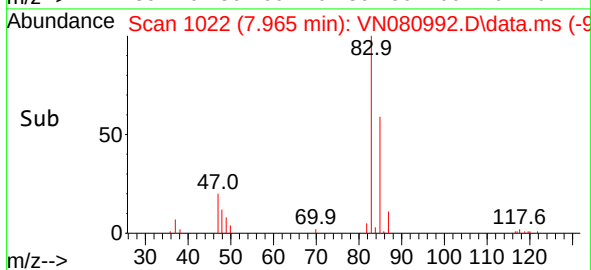
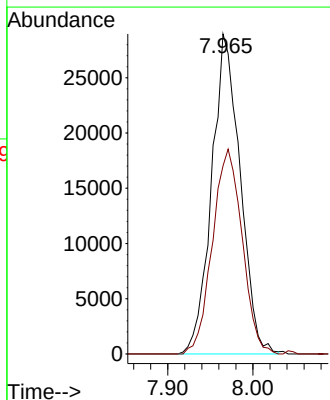
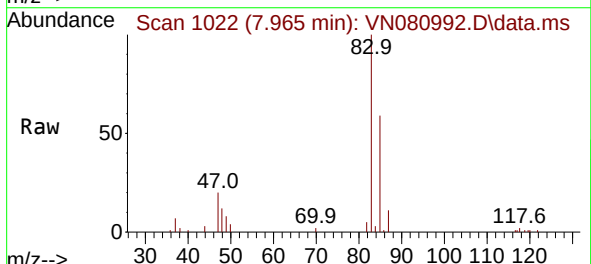
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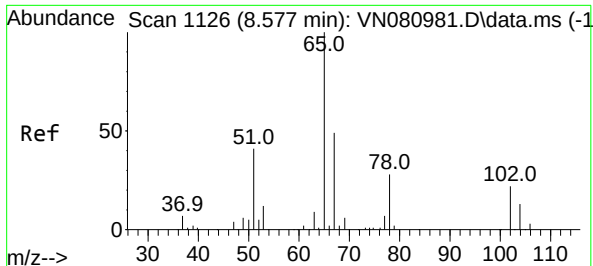
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#25
Chloroform
Concen: 8.043 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

Tgt Ion: 83 Resp: 67202
Ion Ratio Lower Upper
83 100
85 58.8 50.9 76.3





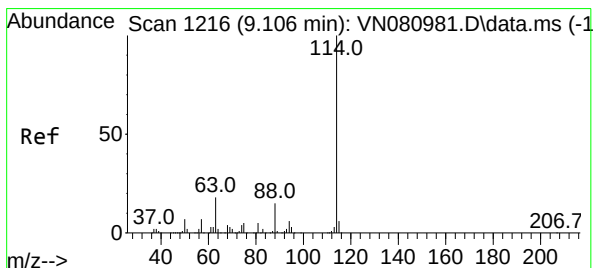
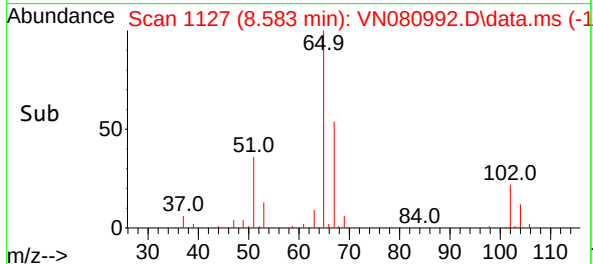
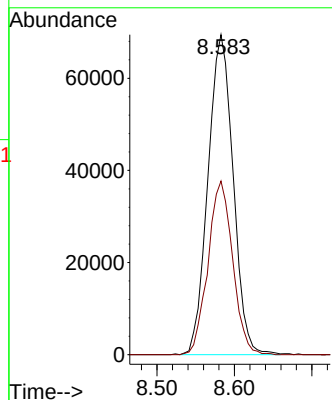
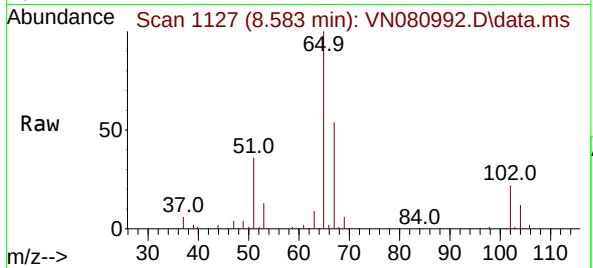
#27
1,2-Dichloroethane-d4
Concen: 30.649 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

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

Tgt Ion: 65 Resp: 157125
Ion Ratio Lower Upper
65 100
67 53.0 43.2 64.8

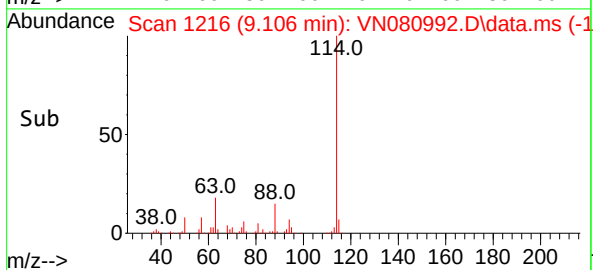
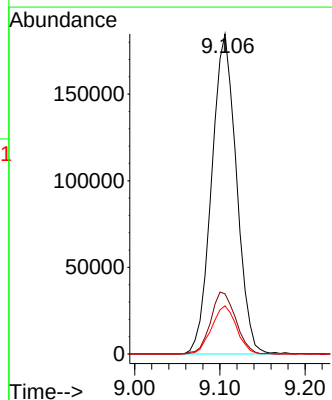
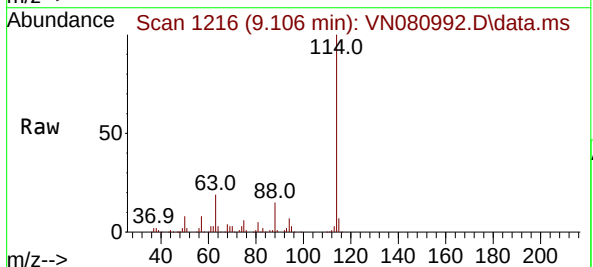
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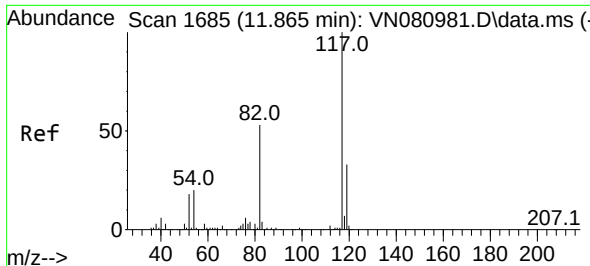
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

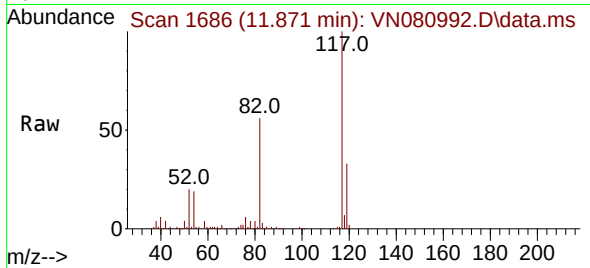
Tgt Ion:114 Resp: 373106
Ion Ratio Lower Upper
114 100
63 19.6 15.9 23.9
88 15.0 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

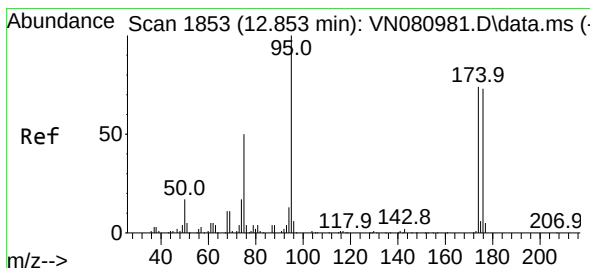
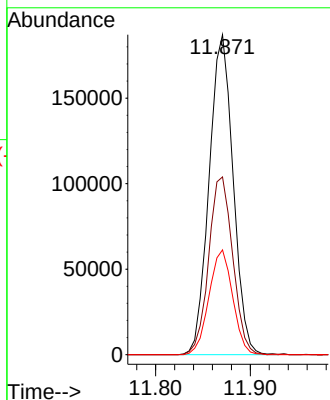
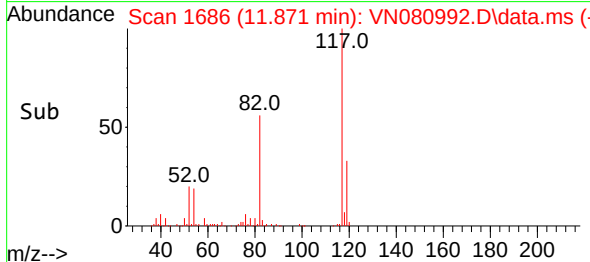
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)



Tgt Ion:117 Resp: 328909
Ion Ratio Lower Upper
117 100
82 55.8 46.6 69.8
119 32.3 25.4 38.2

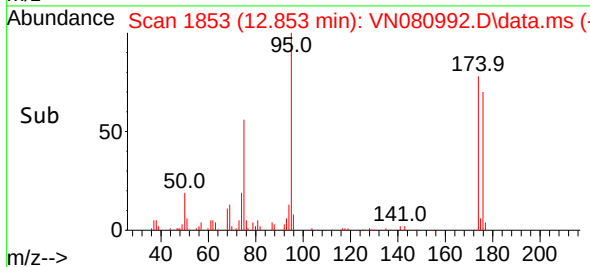
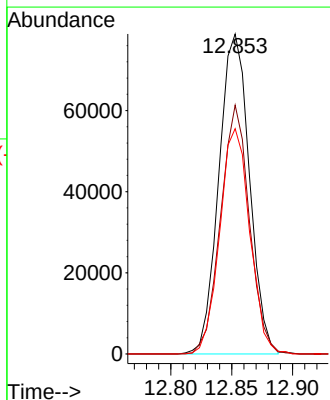
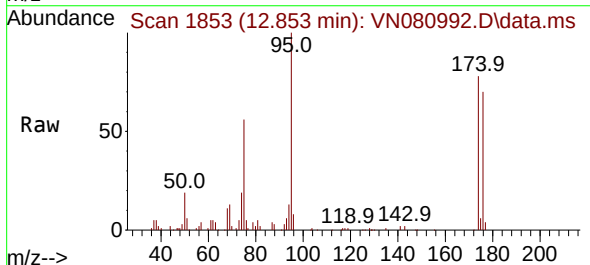
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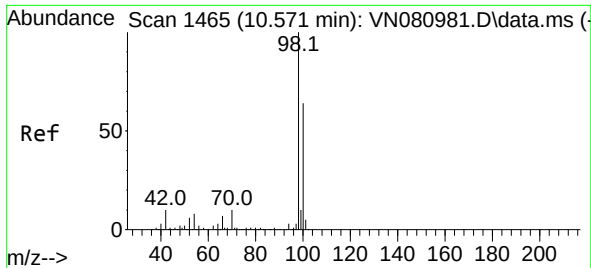
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 27.348 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

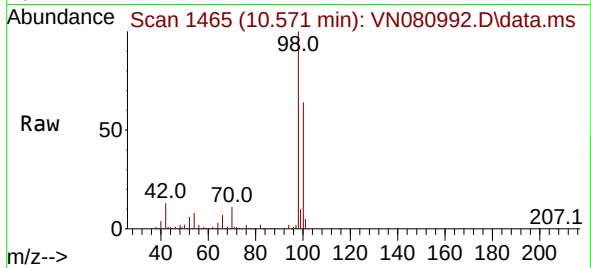
Tgt Ion: 95 Resp: 137514
Ion Ratio Lower Upper
95 100
174 73.5 60.5 90.7
176 69.3 57.8 86.6





#63
Toluene-d8
Concen: 30.409 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080992.D
Acq: 09 Feb 2024 16:22

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



Tgt Ion: 98 Resp: 448852
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

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