

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039677.D
 Acq On : 09 Jan 2024 14:05
 Operator : JC/MD
 Sample : P1047-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JAN)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 05:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	7903	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	68489	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80122	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38218	30.847	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.833%			
60) 4-Bromofluorobenzene	11.079	95	50579	28.621	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.400%			
63) Toluene-d8	8.647	98	97493	29.596	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.667%			
Target Compounds						
15) Acetone	2.380	58	91583	327.670	ug/l	Qvalue 98
23) tert-Butyl Alcohol	2.995	59	9966m	24.010	ug/l	
30) 2-Butanone	4.562	43	9597m	6.808	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	3245	1.231	ug/l #	88
62) Toluene	8.714	91	92792	15.622	ug/l	99

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

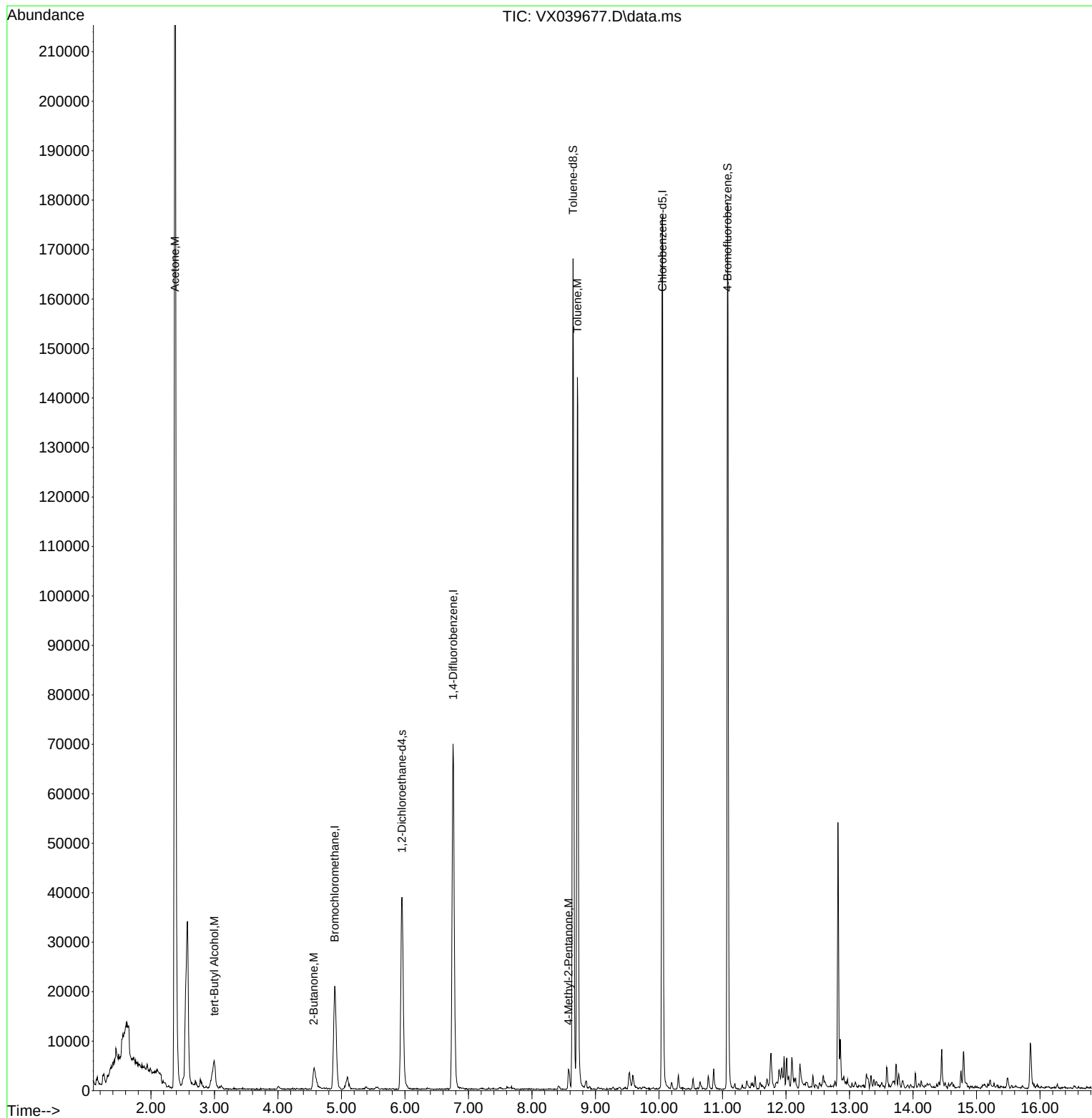
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
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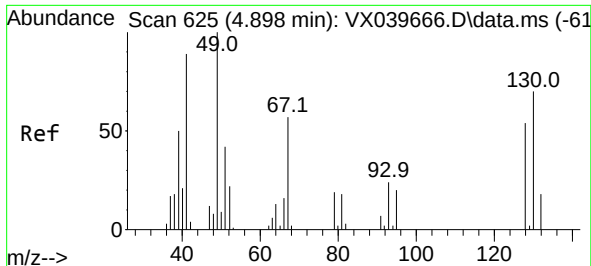
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
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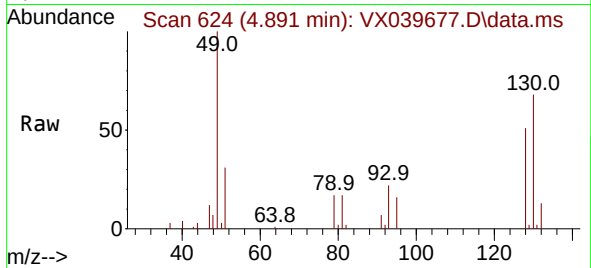
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

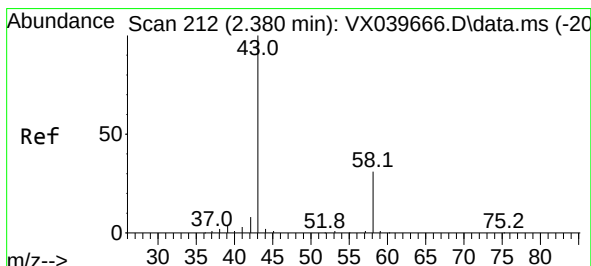
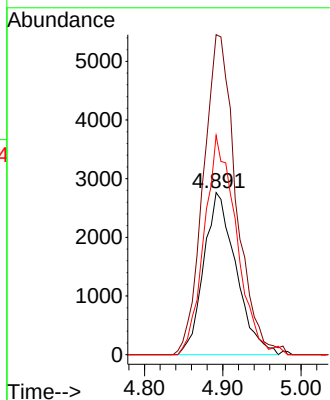
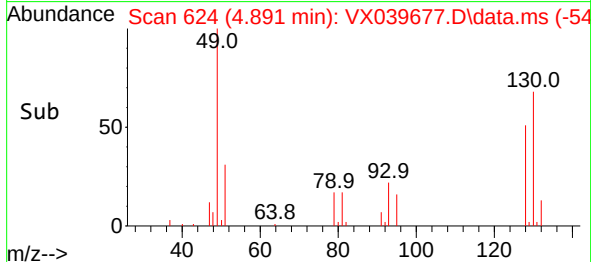
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



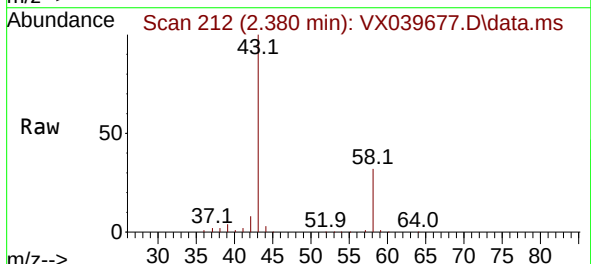
Tgt Ion:128 Resp: 790
Ion Ratio Lower Upper
128 100
49 200.2 0.0 444.0
130 134.0 0.0 297.8

Manual Integrations
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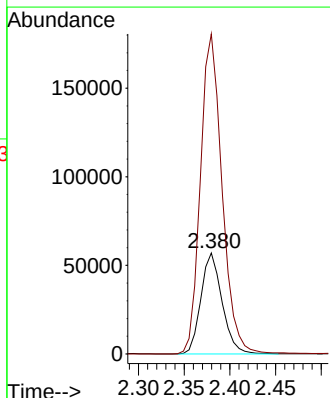
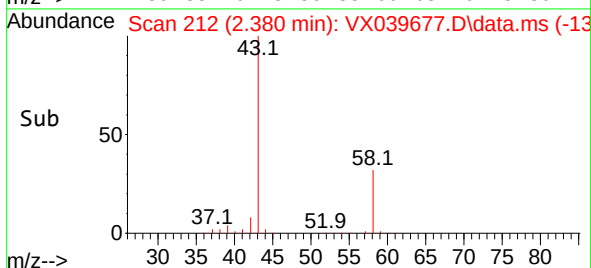
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

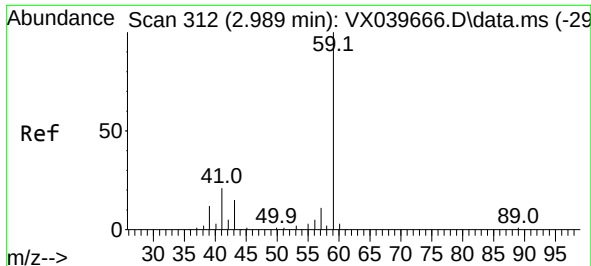


#15
Acetone
Concen: 327.670 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05



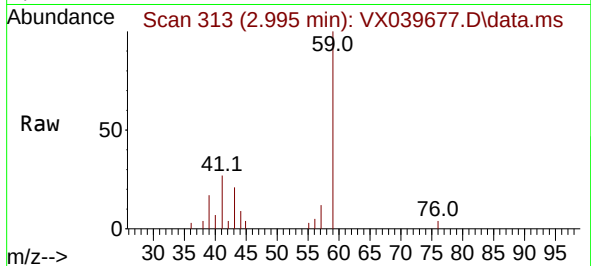
Tgt Ion: 58 Resp: 91583
Ion Ratio Lower Upper
58 100
43 316.8 249.9 374.9





#23
tert-Butyl Alcohol
Concen: 24.010 ug/l m
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

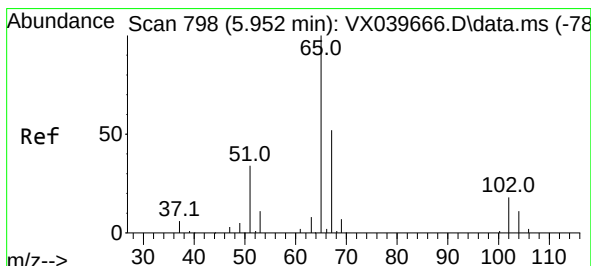
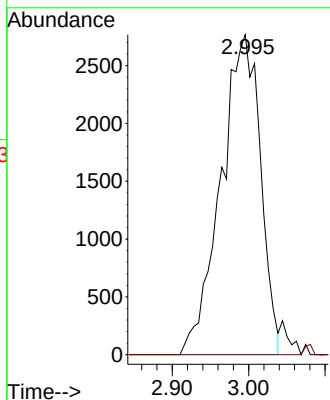
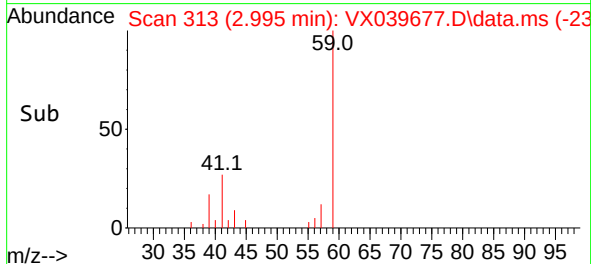
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



Tgt Ion: 59 Resp: 9960
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

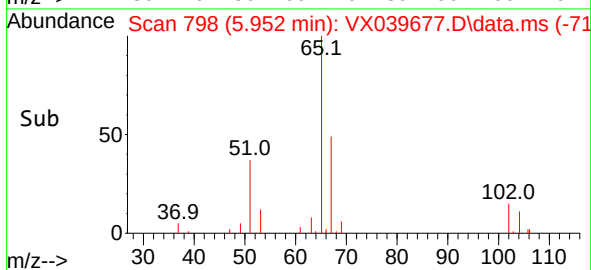
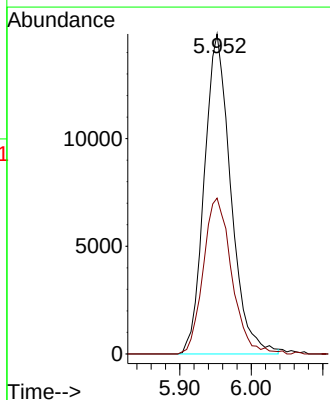
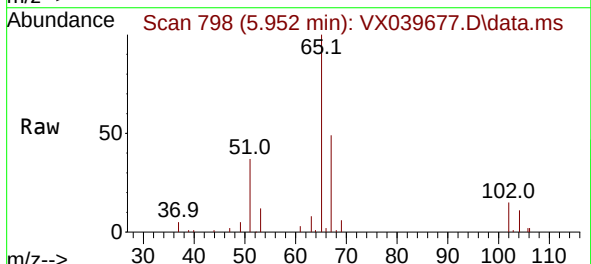
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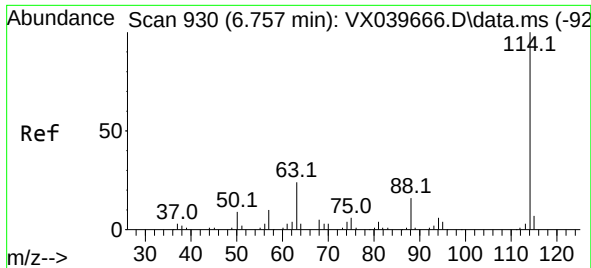
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#27
1,2-Dichloroethane-d4
Concen: 30.847 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

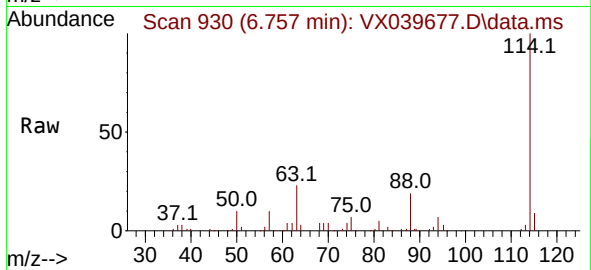
Tgt Ion: 65 Resp: 38218
Ion Ratio Lower Upper
65 100
67 52.3 42.5 63.7





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

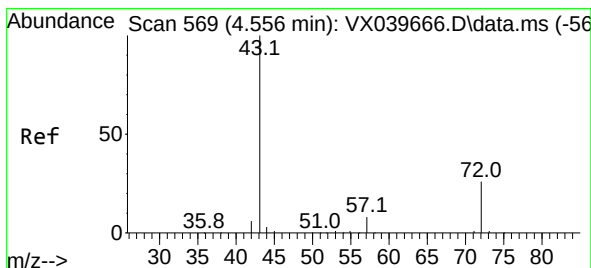
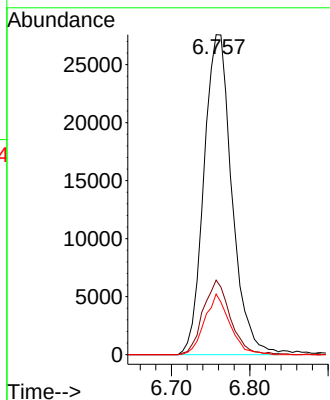
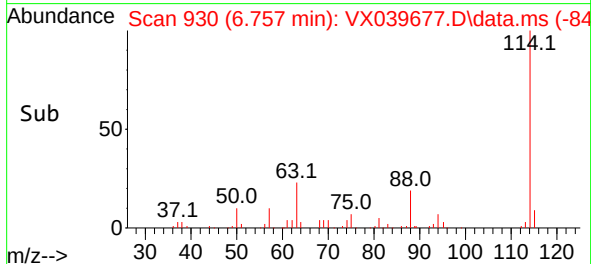
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



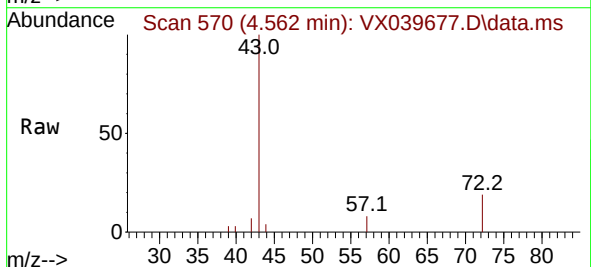
Tgt Ion:114 Resp: 68489
Ion Ratio Lower Upper
114 100
63 22.4 17.0 25.4
88 17.1 12.7 19.1

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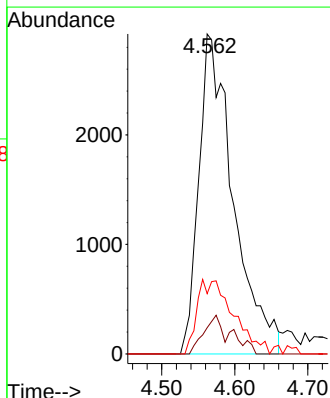
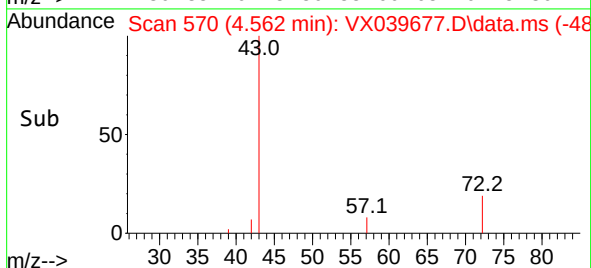
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

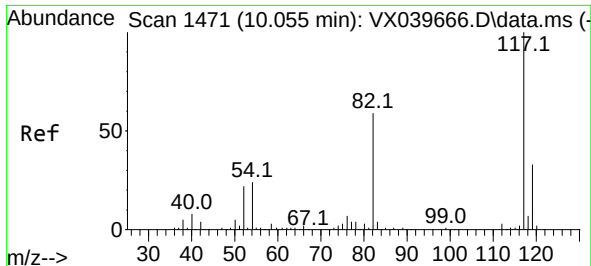


#30
2-Butanone
Concen: 6.808 ug/l m
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05



Tgt Ion: 43 Resp: 9597
Ion Ratio Lower Upper
43 100
57 0.0 6.6 10.0#
72 8.0 20.6 31.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039677.D

Acq: 09 Jan 2024 14:05

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)

Tgt Ion: 117 Resp: 8012

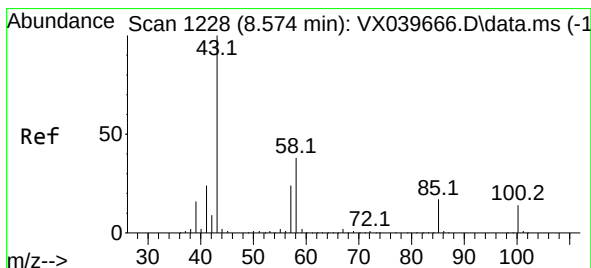
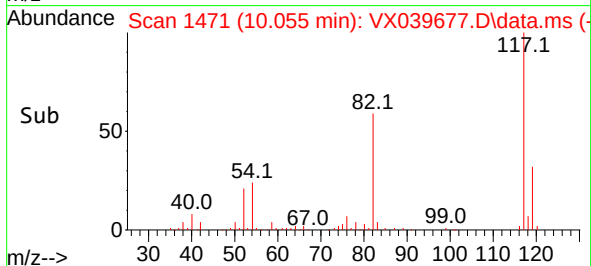
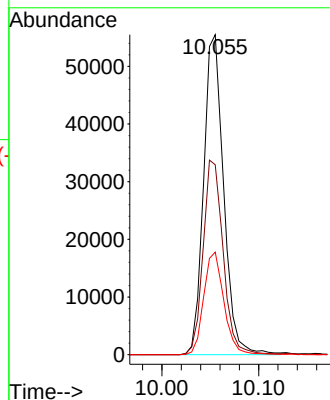
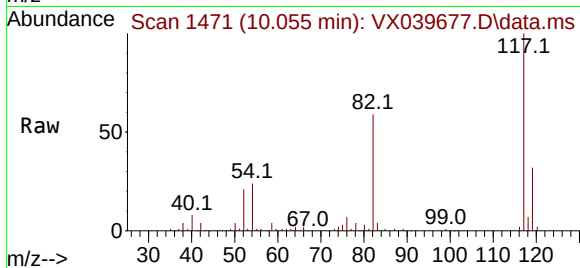
Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.0	70.6
119	32.3	25.2	37.8

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Supervised By :Mahesh Dadoda 01/10/2024



#58

4-Methyl-2-Pentanone

Concen: 1.231 ug/l

RT: 8.574 min Scan# 1228

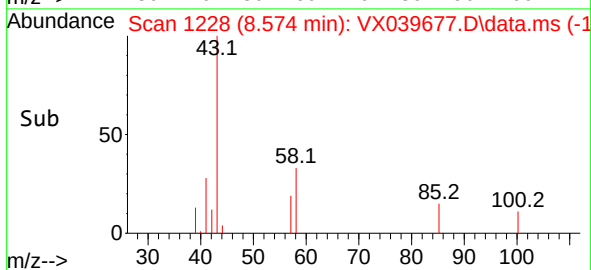
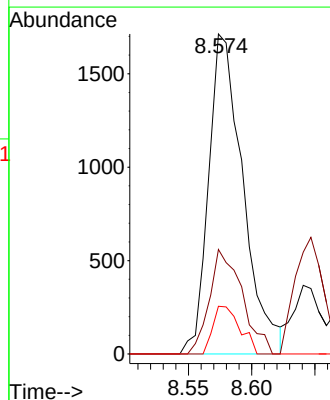
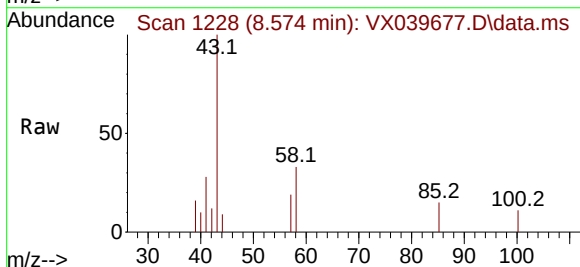
Delta R.T. -0.000 min

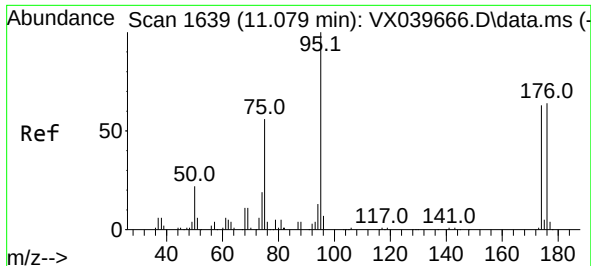
Lab File: VX039677.D

Acq: 09 Jan 2024 14:05

Tgt Ion: 43 Resp: 3245

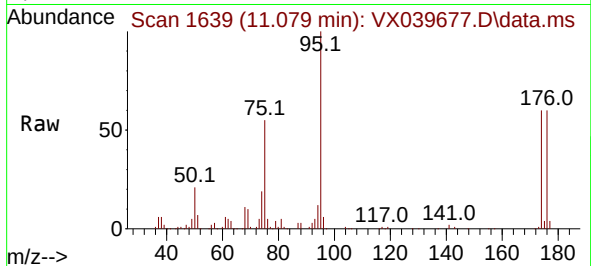
Ion	Ratio	Lower	Upper
43	100		
58	31.1	30.1	45.1
85	11.7	13.9	20.9





#60
4-Bromofluorobenzene
Concen: 28.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

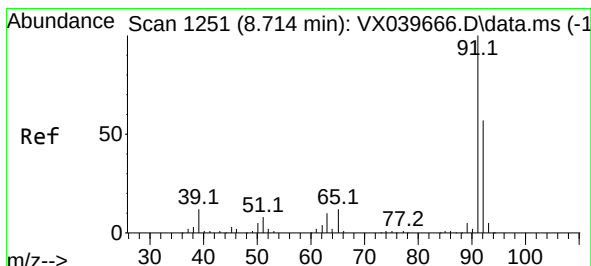
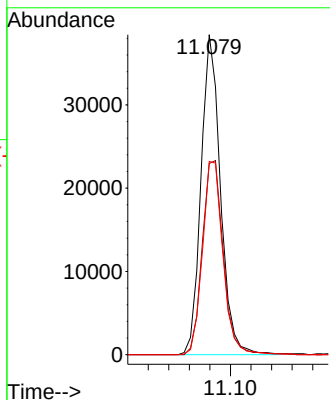
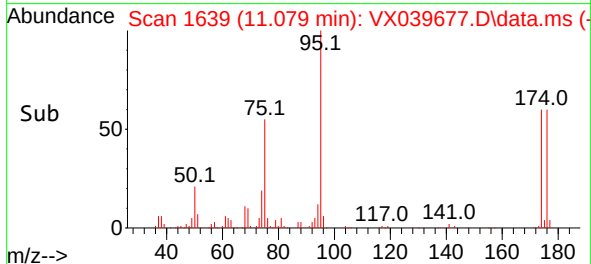
Instrument :
MSVOA_X
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001-WILLETS-PT-BLVD(JAN)



Tgt Ion: 95 Resp: 50579
Ion Ratio Lower Upper
95 100
174 64.9 55.4 83.2
176 63.6 52.6 78.8

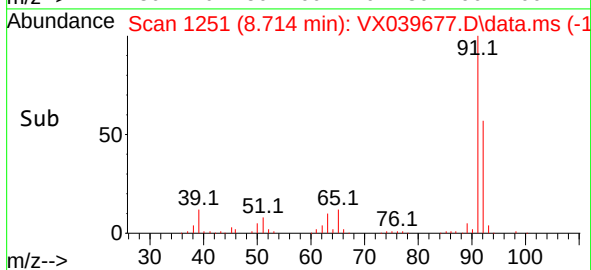
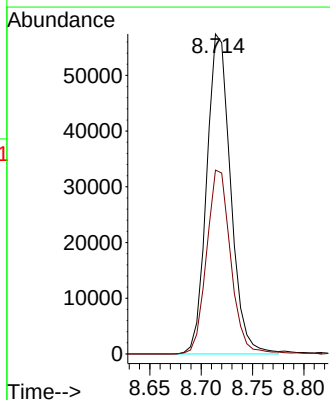
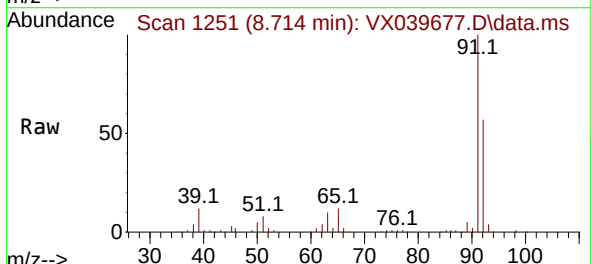
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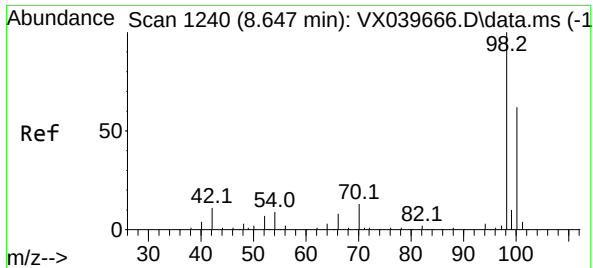
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#62
Toluene
Concen: 15.622 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

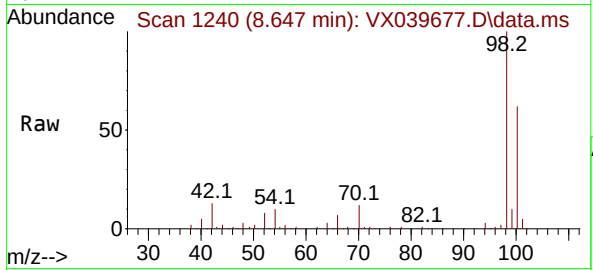
Tgt Ion: 91 Resp: 92792
Ion Ratio Lower Upper
91 100
92 58.1 45.9 68.9





#63
Toluene-d8
Concen: 29.596 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039677.D
Acq: 09 Jan 2024 14:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 9749
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.4

Manual Integrations
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