

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039089.D
 Acq On : 06 Dec 2023 15:19
 Operator : JC/MD
 Sample : 05656-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 07 04:01:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

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

Internal Standards						
1) Bromochloromethane	4.885	128	12380m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.751	114	100065	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	121235	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	51121	30.184	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.600%			
60) 4-Bromofluorobenzene	11.079	95	78227	29.542	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.467%			
63) Toluene-d8	8.641	98	146318	30.526	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.767%			
Target Compounds						
						Qvalue
15) Acetone	2.367	58	74690	159.961	ug/l	97
16) Carbon Disulfide	2.514	76	3550	0.696	ug/l	99
30) 2-Butanone	4.550	43	20397	9.658	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	9335	2.539	ug/l	97
62) Toluene	8.714	91	216236	25.122	ug/l	99
82) p-Isopropyltoluene	12.006	119	9245	1.122	ug/l	95

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

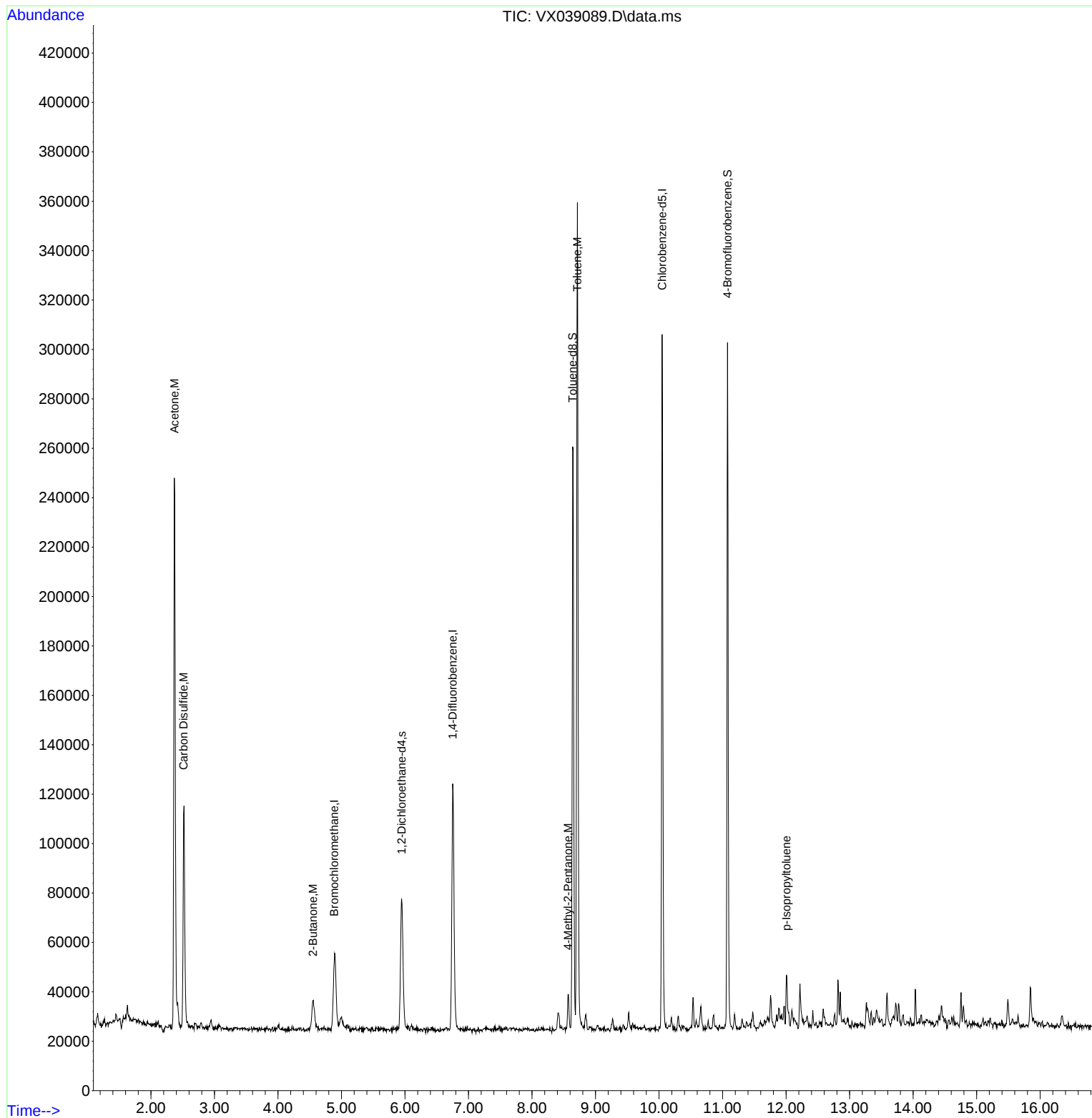
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
Data File : VX039089.D
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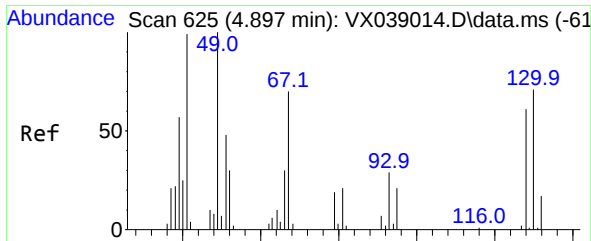
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

Quant Time: Dec 07 04:01:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 2023
Response via : Initial Calibration

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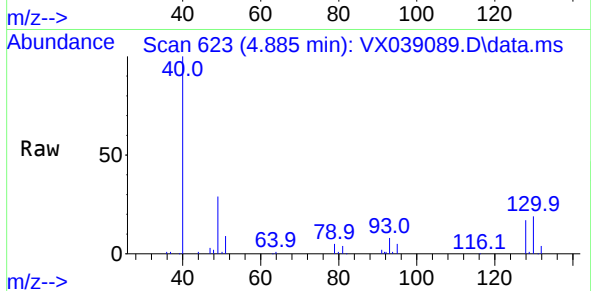
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.885 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

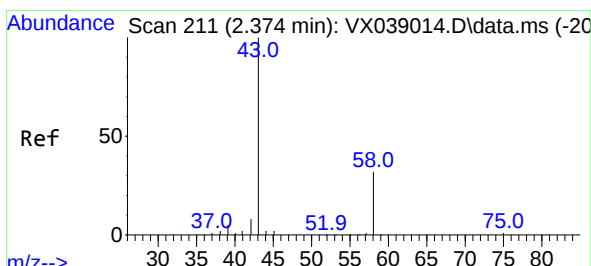
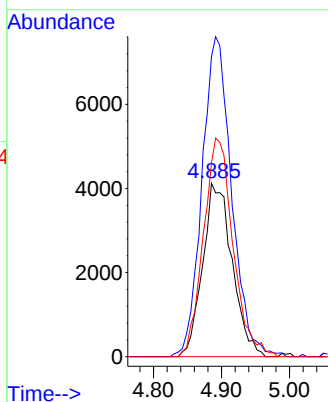
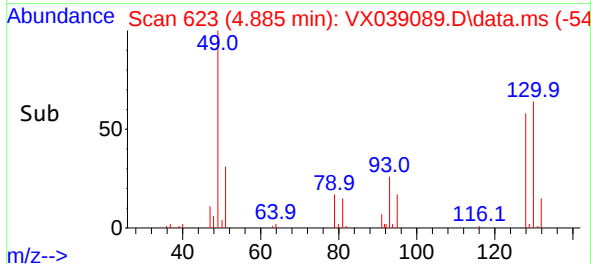
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)



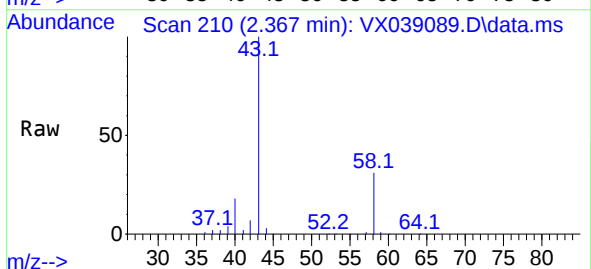
Tgt Ion:128 Resp: 12380
Ion Ratio Lower Upper
128 100
49 185.2 0.0 444.0
130 125.1 0.0 297.8

Manual Integrations
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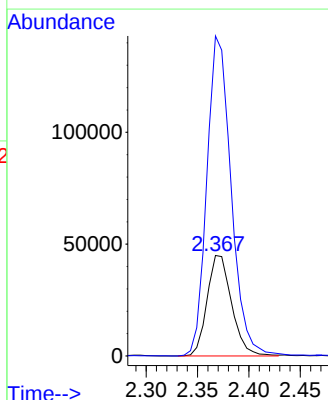
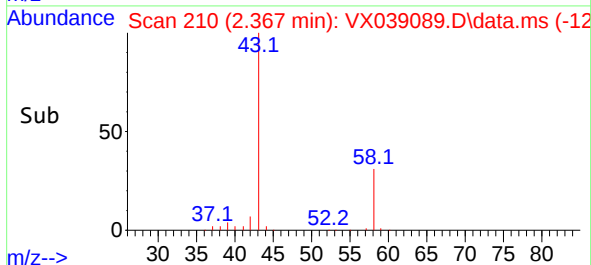
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

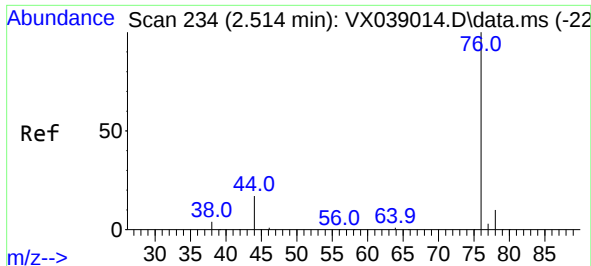


#15
Acetone
Concen: 159.961 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19



Tgt Ion: 58 Resp: 74690
Ion Ratio Lower Upper
58 100
43 318.5 249.9 374.9





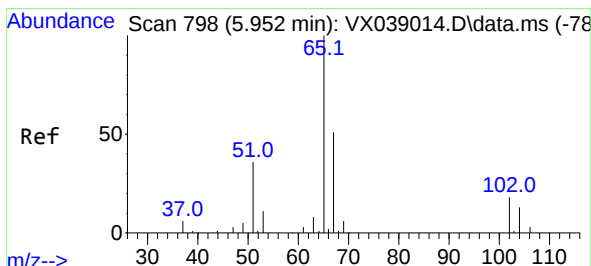
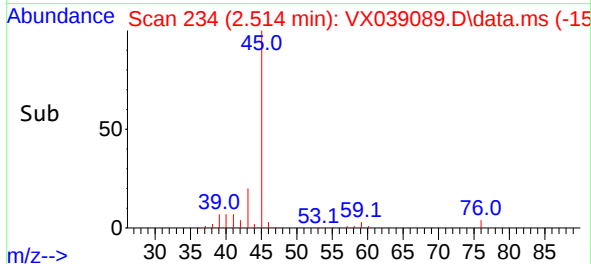
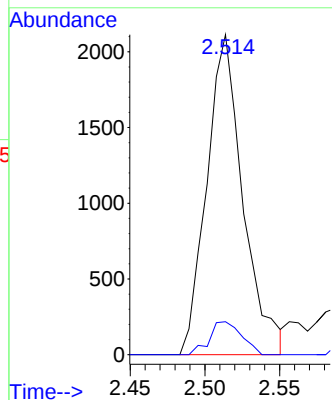
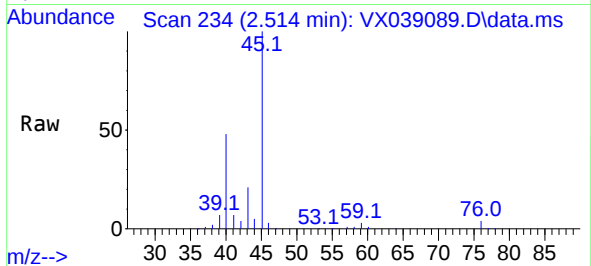
#16
Carbon Disulfide
Concen: 0.696 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

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

Tgt Ion: 76 Resp: 3550
Ion Ratio Lower Upper
76 100
78 10.3 8.0 12.0

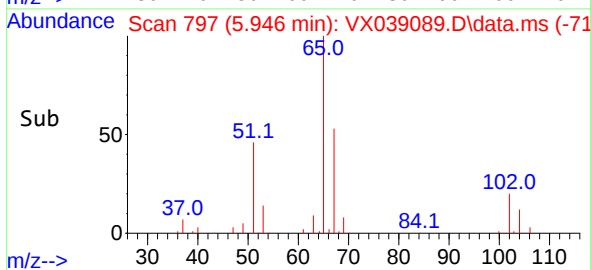
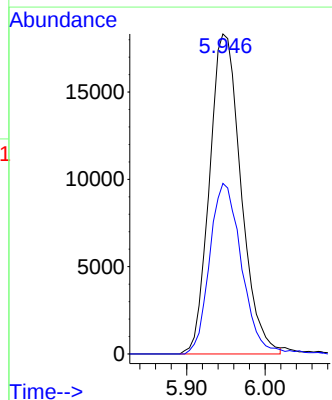
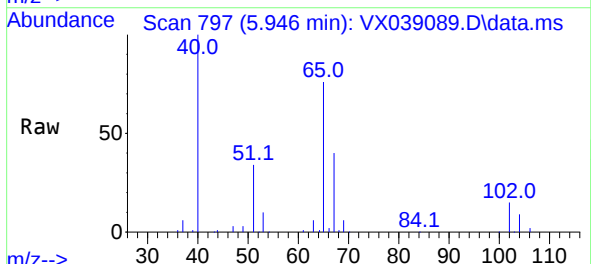
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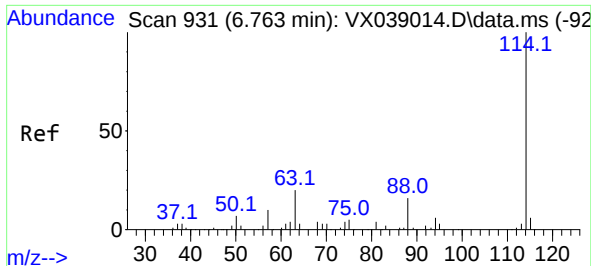
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#27
1,2-Dichloroethane-d4
Concen: 30.184 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

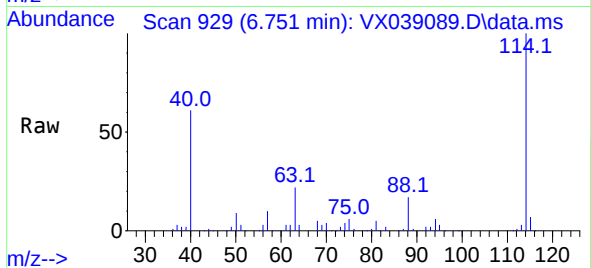
Tgt Ion: 65 Resp: 51121
Ion Ratio Lower Upper
65 100
67 53.9 42.5 63.7





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. -0.012 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

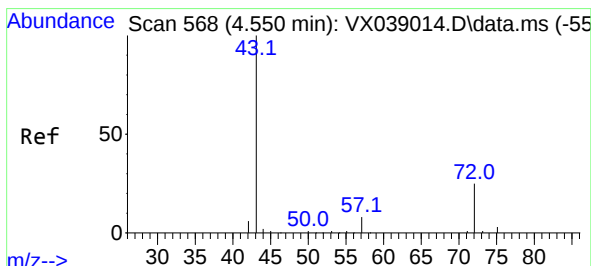
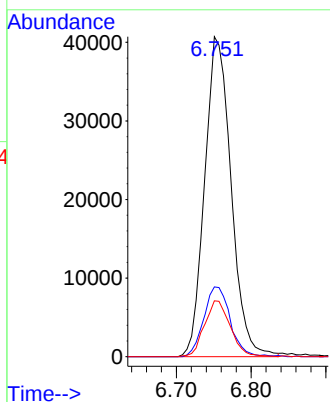
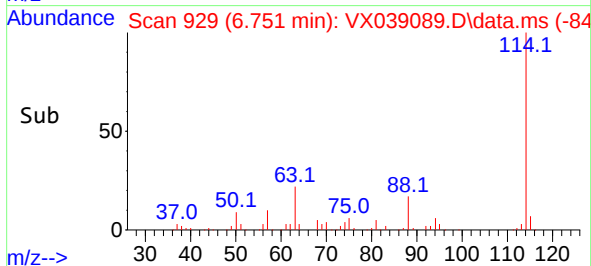
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)



Tgt Ion: 114 Resp: 10006
Ion Ratio Lower Upper
114 100
63 21.7 17.0 25.4
88 17.1 12.7 19.1

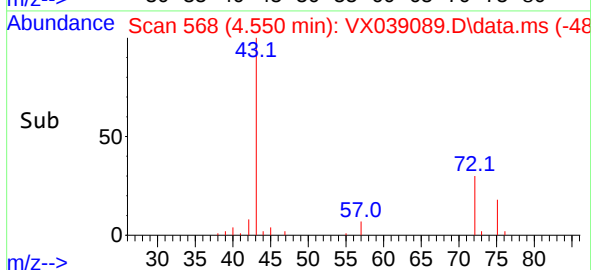
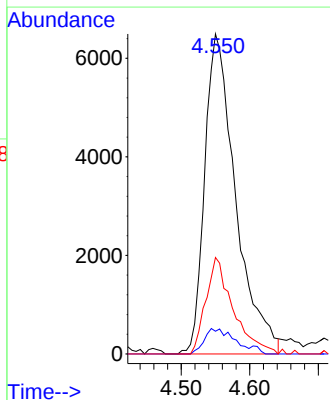
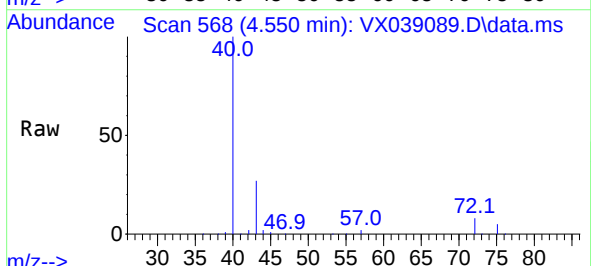
Manual Integrations
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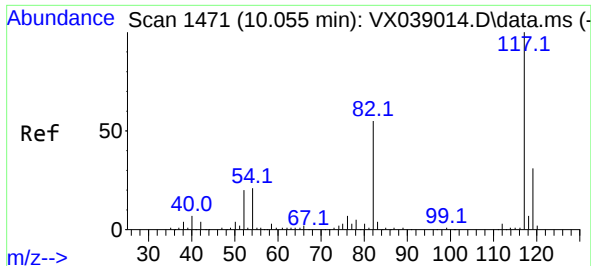
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#30
2-Butanone
Concen: 9.658 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

Tgt Ion: 43 Resp: 20397
Ion Ratio Lower Upper
43 100
57 7.4 6.6 10.0
72 26.6 20.6 31.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039089.D

Acq: 06 Dec 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(DEC)

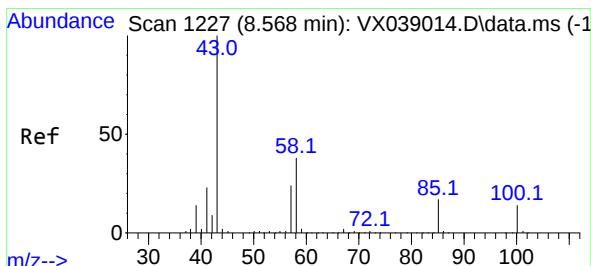
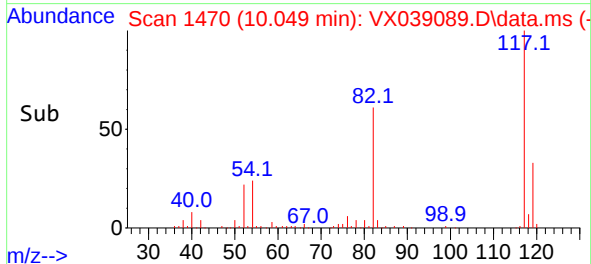
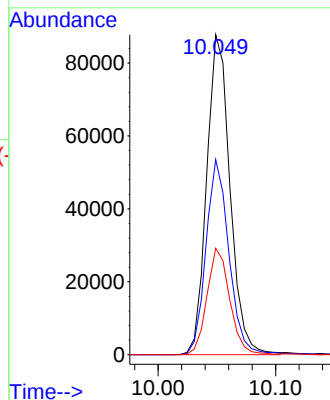
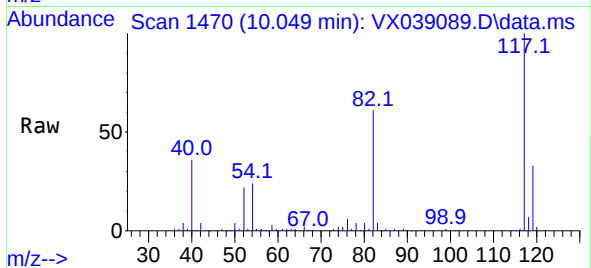
Tgt Ion: 117 Resp: 121235
 Ion Ratio Lower Upper
 117 100
 82 60.0 47.0 70.6
 119 32.4 25.2 37.8

Manual Integrations

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Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#58

4-Methyl-2-Pentanone

Concen: 2.539 ug/l

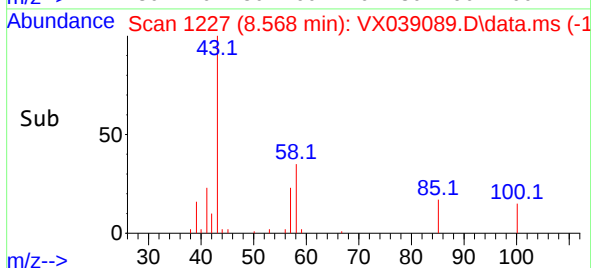
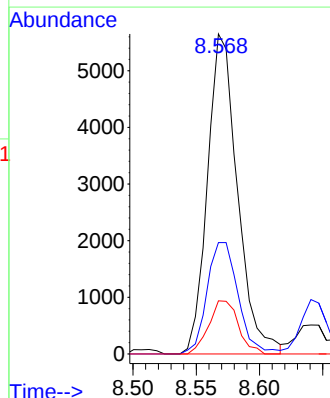
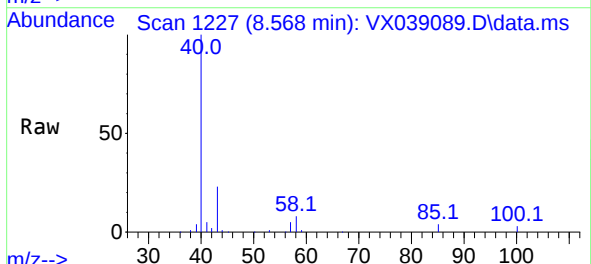
RT: 8.568 min Scan# 1227

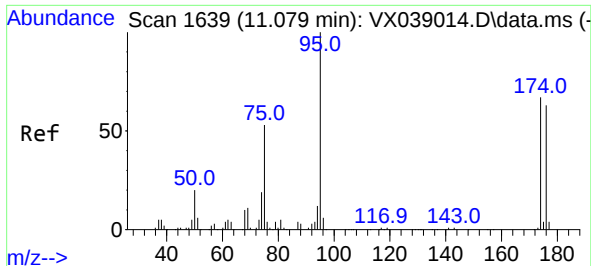
Delta R.T. 0.000 min

Lab File: VX039089.D

Acq: 06 Dec 2023 15:19

Tgt Ion: 43 Resp: 9335
 Ion Ratio Lower Upper
 43 100
 58 35.5 30.1 45.1
 85 16.3 13.9 20.9





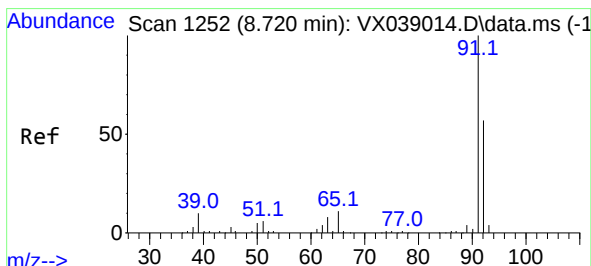
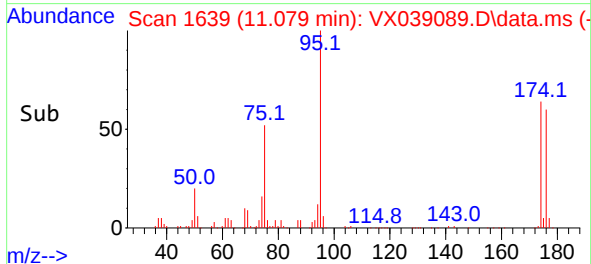
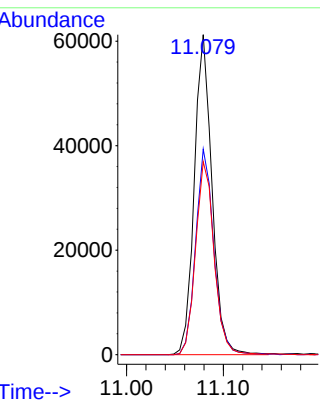
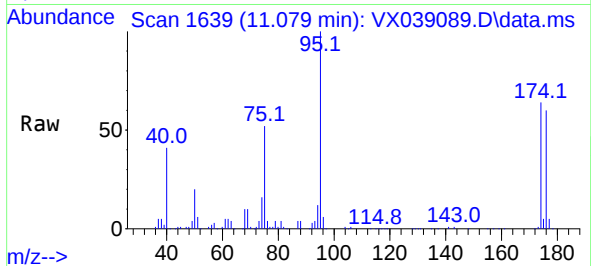
#60
4-Bromofluorobenzene
Concen: 29.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

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

Tgt Ion: 95 Resp: 7822
Ion Ratio Lower Upper
95 100
174 65.7 55.4 83.2
176 62.9 52.6 78.8

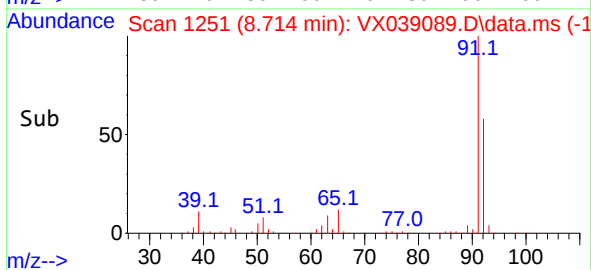
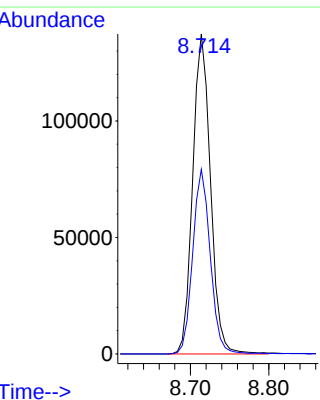
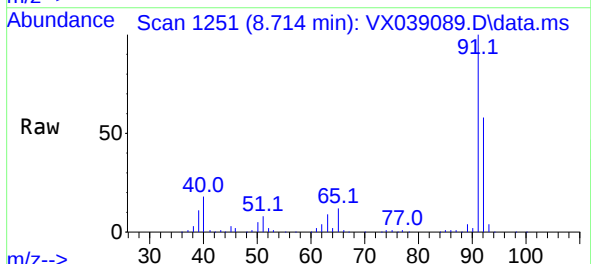
Manual Integrations
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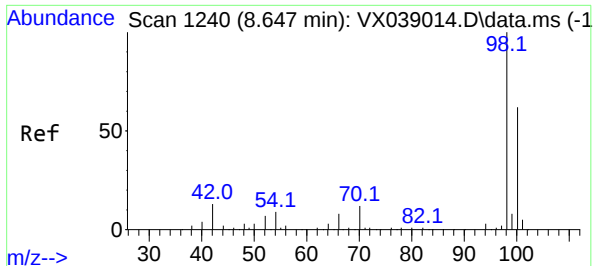
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#62
Toluene
Concen: 25.122 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

Tgt Ion: 91 Resp: 216236
Ion Ratio Lower Upper
91 100
92 56.8 45.9 68.9





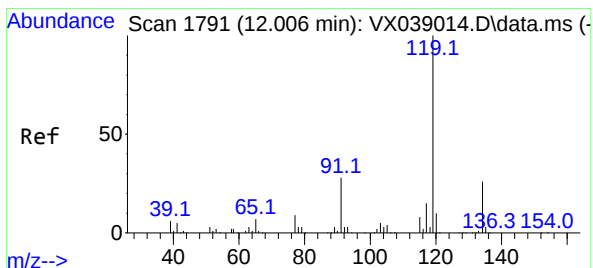
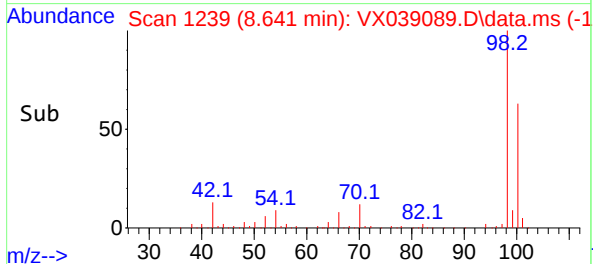
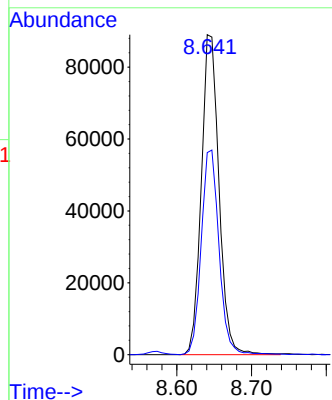
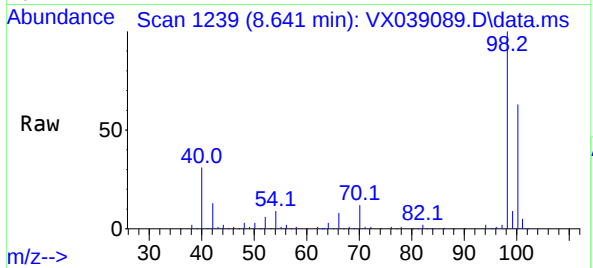
#63
Toluene-d8
Concen: 30.526 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

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

Tgt Ion: 98 Resp: 146318
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

Manual Integrations
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Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#82
p-Isopropyltoluene
Concen: 1.122 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039089.D
Acq: 06 Dec 2023 15:19

Tgt Ion:119 Resp: 9245
Ion Ratio Lower Upper
119 100
134 29.0 0.0 52.6
91 29.6 0.0 54.2

