

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033669.D
 Acq On : 09 Jan 2023 17:35
 Operator : JC/MD
 Sample : 01059-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 10 00:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	12062	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	84890	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91824	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33080	33.870	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.900%#			
60) 4-Bromofluorobenzene	11.079	95	49211	29.735	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.133%			
63) Toluene-d8	8.647	98	89892	30.589	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.967%			
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	44398	308.386	ug/l	97
16) Carbon Disulfide	2.520	76	1921	0.716	ug/l	99
25) Chloroform	5.093	83	1167m	0.496	ug/l	
30) 2-Butanone	4.568	43	11228	11.717	ug/l #	57
58) 4-Methyl-2-Pentanone	8.574	43	7113	3.900	ug/l	97
62) Toluene	8.720	91	30033	5.196	ug/l	99
67) m/p-Xylenes	10.305	106	981	0.386	ug/l	77
80) 1,2,4-Trimethylbenzene	11.756	105	2401	0.452	ug/l	91
82) p-Isopropyltoluene	12.012	119	1707	0.297	ug/l	98

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

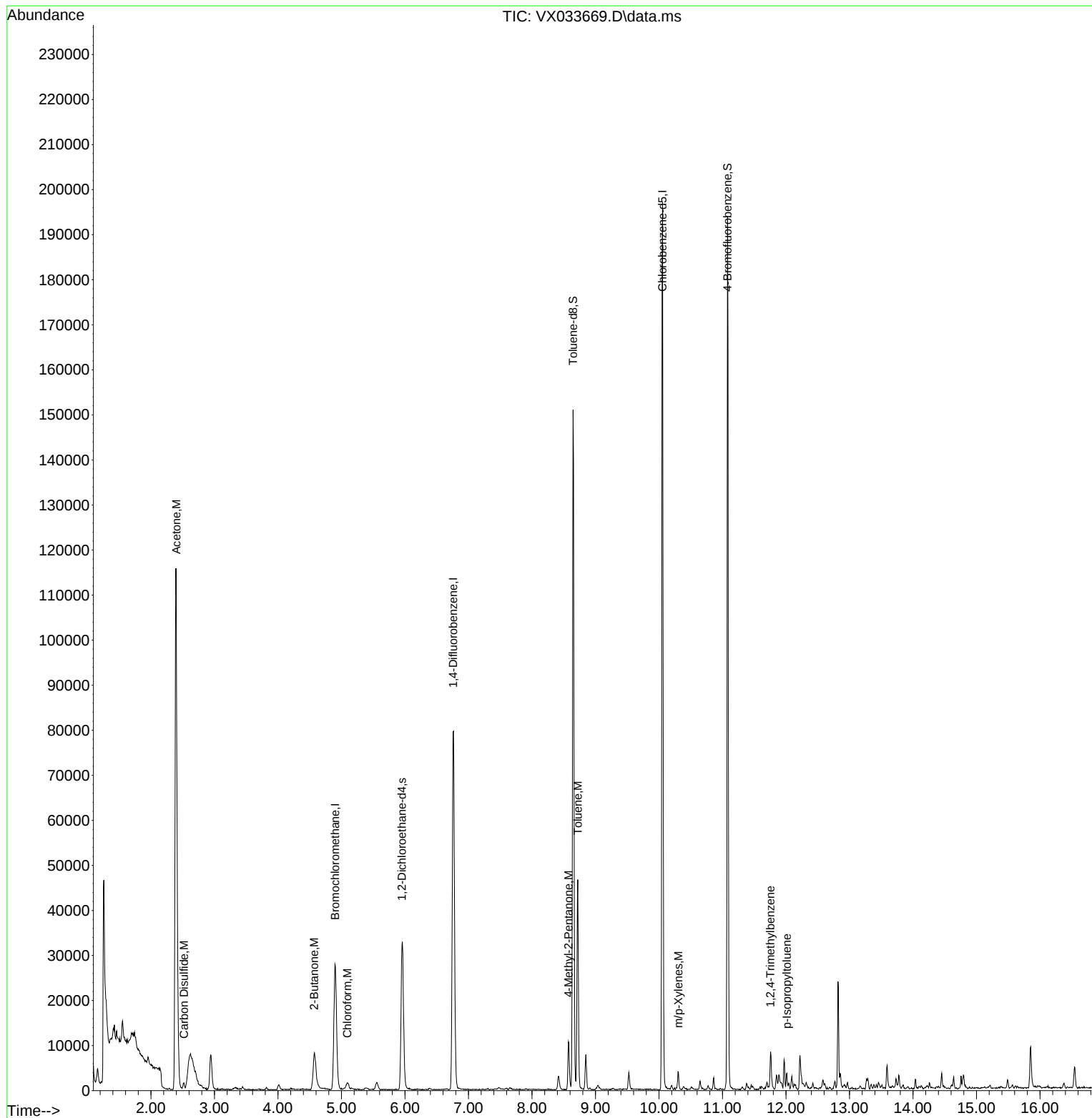
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
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ALS Vial : 16 Sample Multiplier: 1

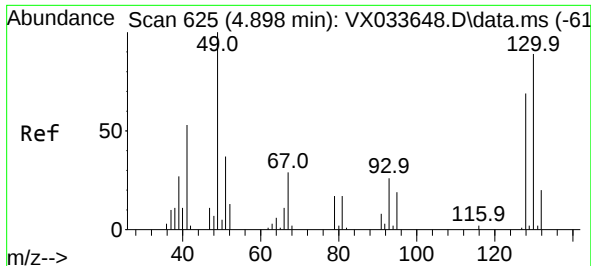
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)RE

Quant Time: Jan 10 00:48:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
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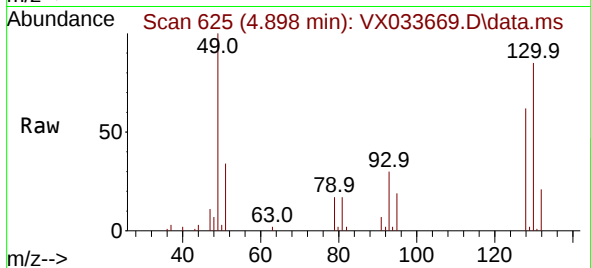
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

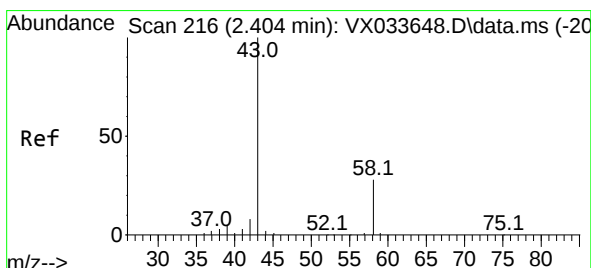
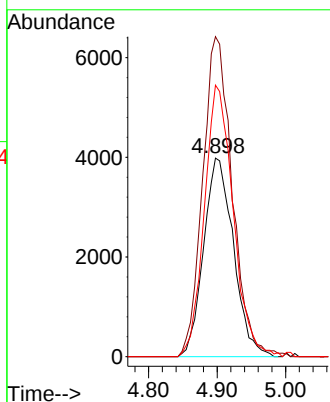
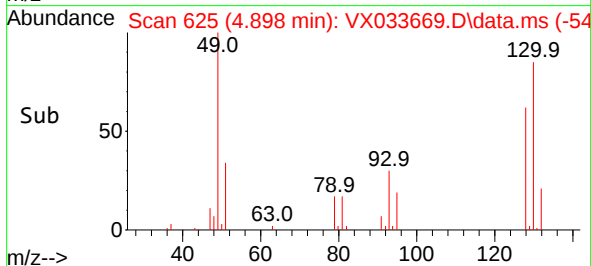
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)RE



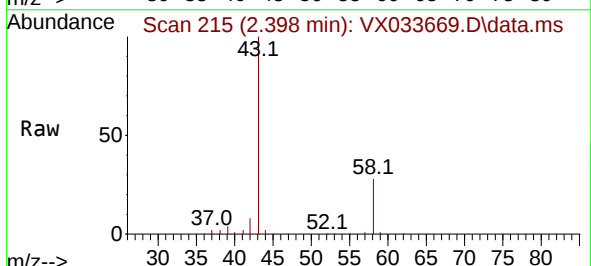
Tgt Ion:128 Resp: 12062
Ion Ratio Lower Upper
128 100
49 158.7 0.0 398.5
130 132.1 0.0 329.0

Manual Integrations
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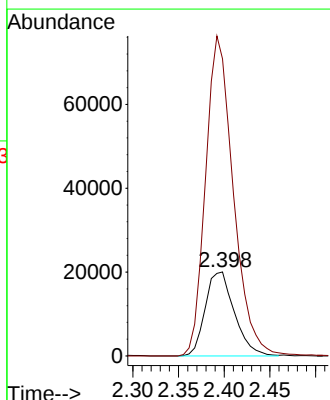
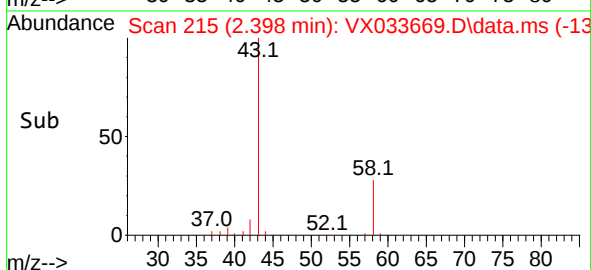
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

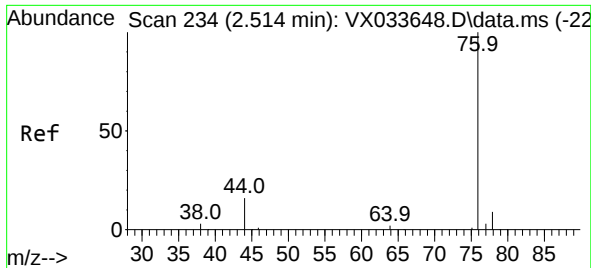


#15
Acetone
Concen: 308.386 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35



Tgt Ion: 58 Resp: 44398
Ion Ratio Lower Upper
58 100
43 353.6 288.3 432.5





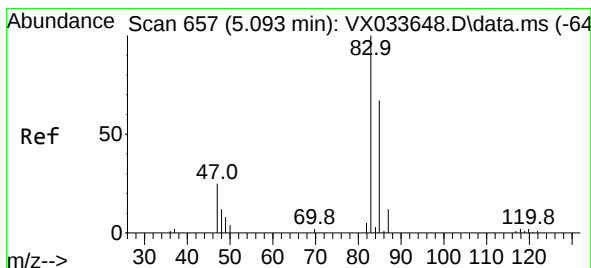
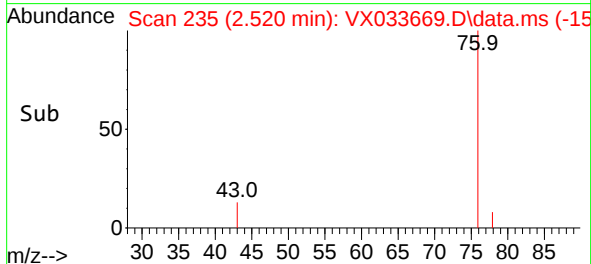
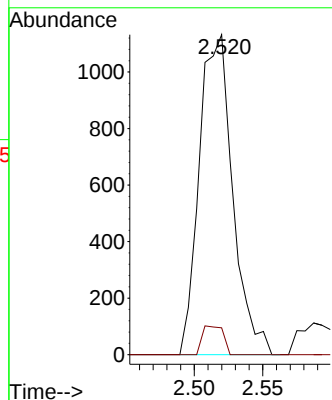
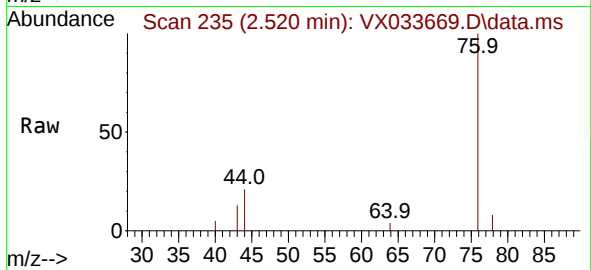
#16
Carbon Disulfide
Concen: 0.716 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

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

Tgt Ion: 76 Resp: 192
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4

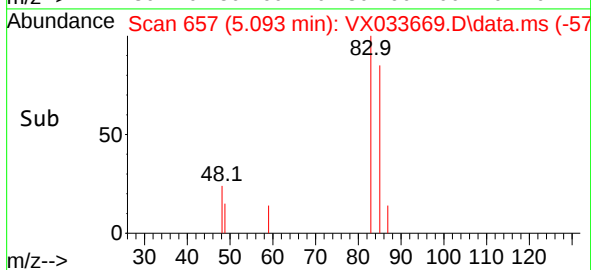
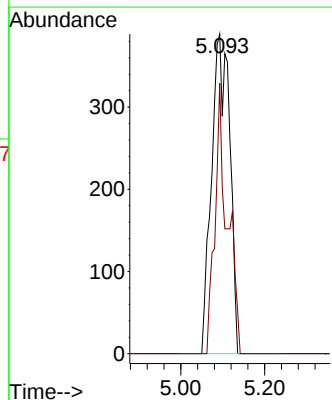
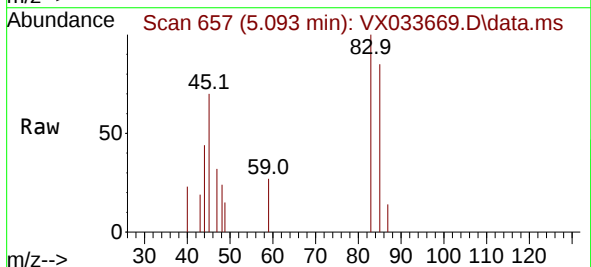
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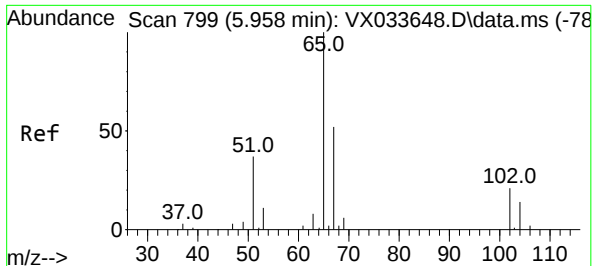
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#25
Chloroform
Concen: 0.496 ug/l m
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

Tgt Ion: 83 Resp: 1167
Ion Ratio Lower Upper
83 100
85 84.6 53.9 80.9#





#27

1,2-Dichloroethane-d4

Concen: 33.870 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033669.D

Acq: 09 Jan 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)RE

Tgt Ion: 65 Resp: 33080

Ion Ratio Lower Upper

65 100

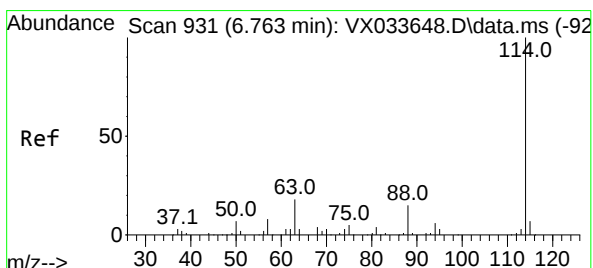
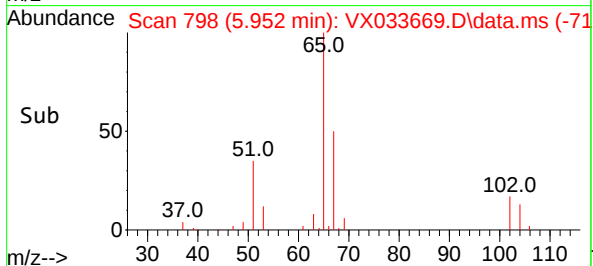
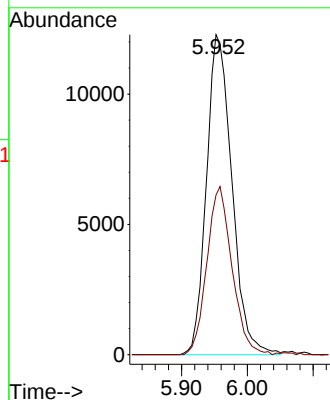
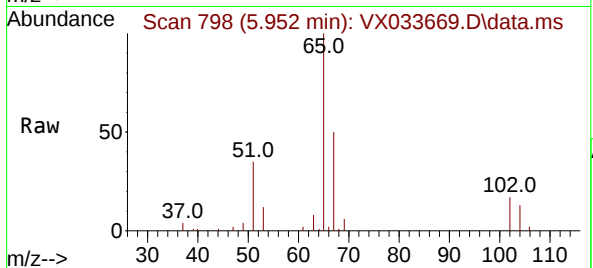
67 51.7 40.4 60.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033669.D

Acq: 09 Jan 2023 17:35

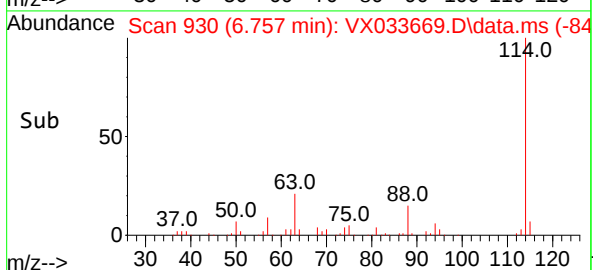
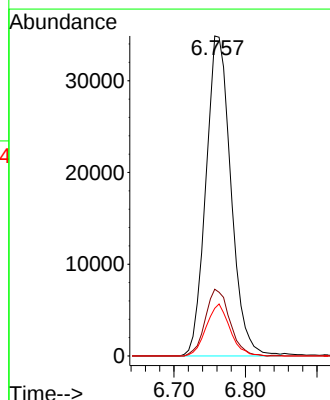
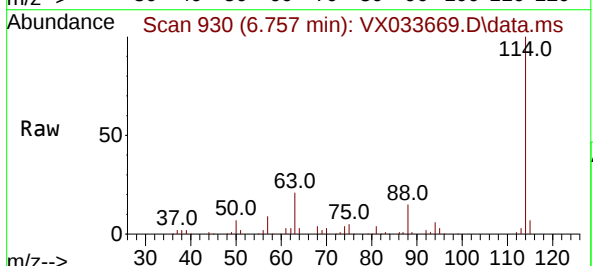
Tgt Ion:114 Resp: 84890

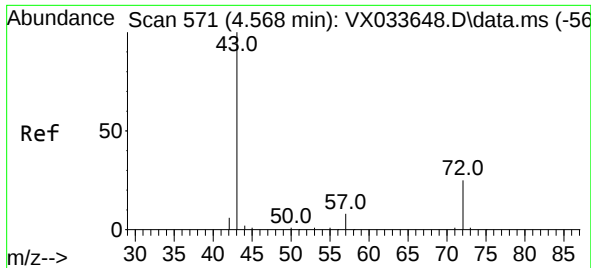
Ion Ratio Lower Upper

114 100

63 20.4 15.5 23.3

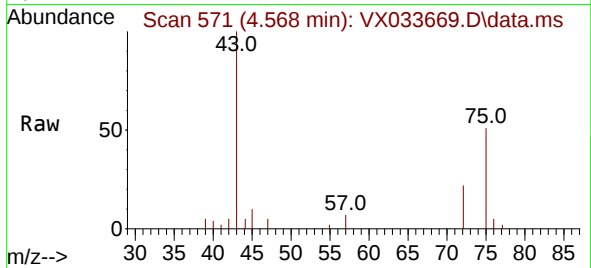
88 15.3 12.4 18.6





#30
2-Butanone
Concen: 11.717 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

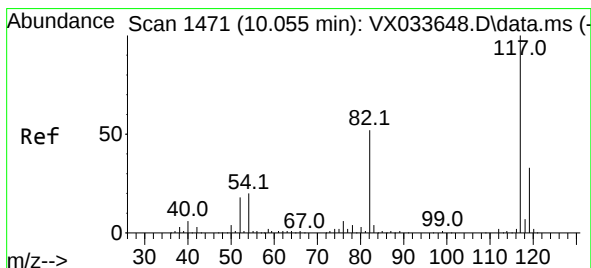
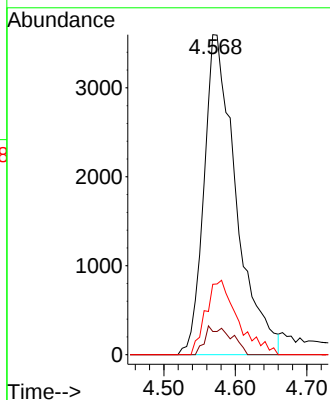
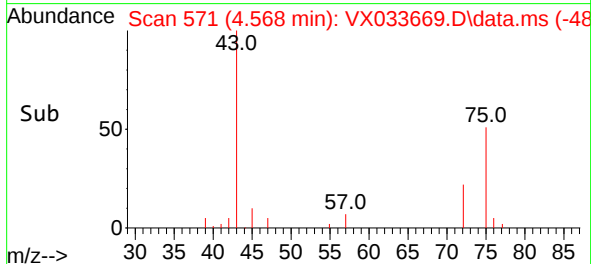
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)RE



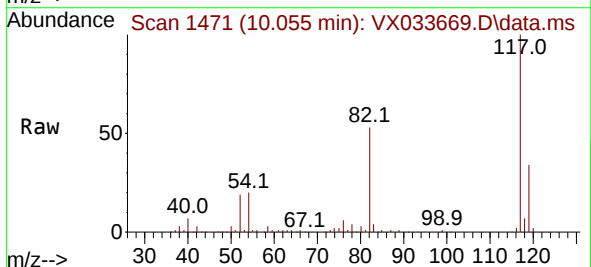
Tgt Ion: 43 Resp: 11228
Ion Ratio Lower Upper
43 100
57 2.6 3.4 5.2
72 0.0 19.8 29.6

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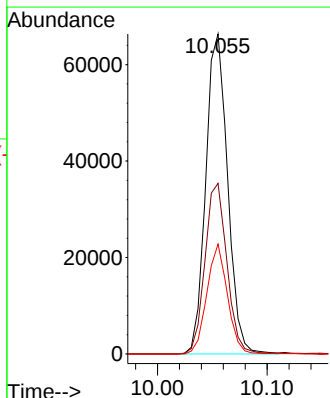
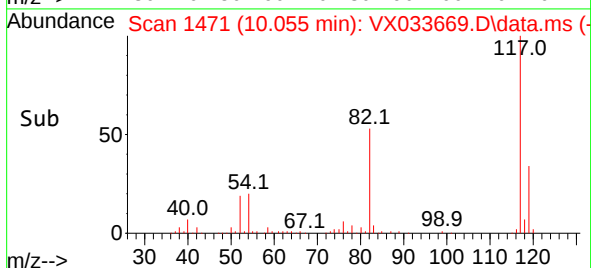
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

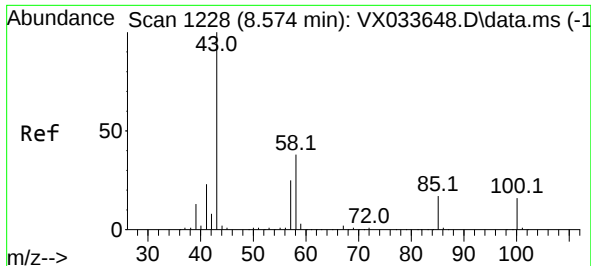


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35



Tgt Ion:117 Resp: 91824
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 32.5 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 3.900 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033669.D

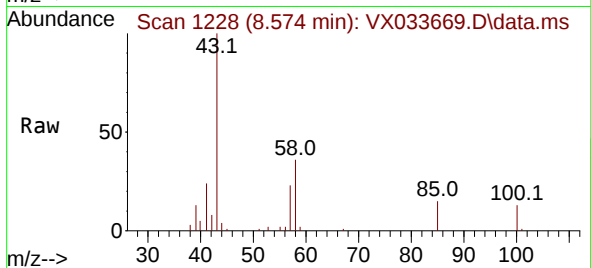
Acq: 09 Jan 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)RE

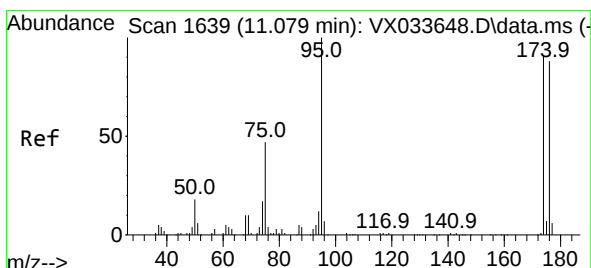
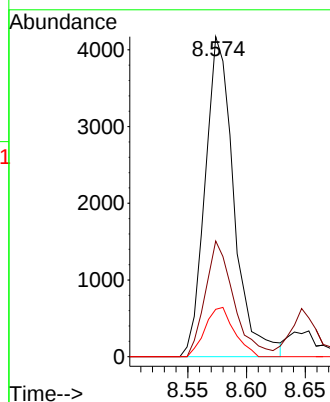
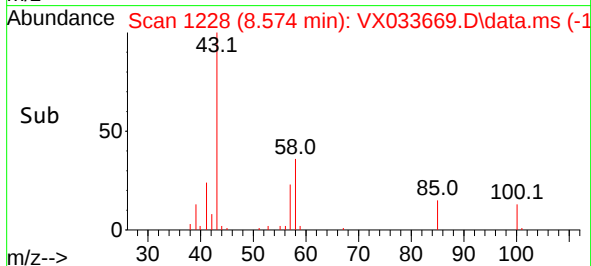


Tgt Ion: 43	Resp: 711
Ion Ratio	Lower Upper
43	100
58	35.9 30.2 45.4
85	15.6 13.8 20.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2023



#60

4-Bromofluorobenzene

Concen: 29.735 ug/l

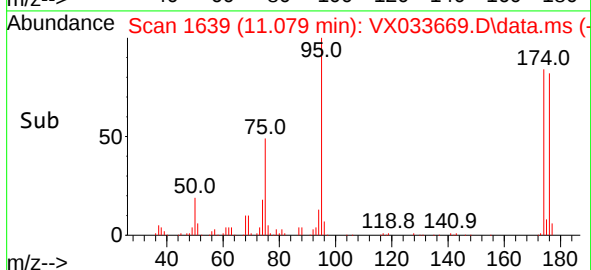
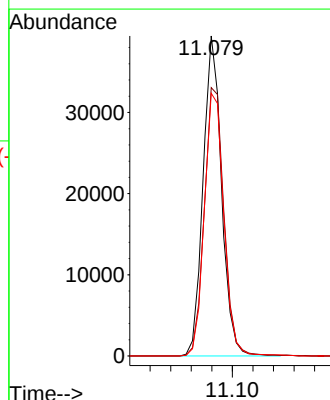
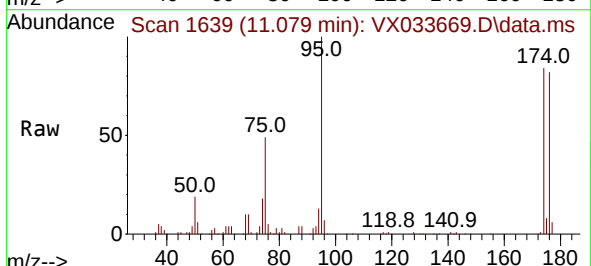
RT: 11.079 min Scan# 1639

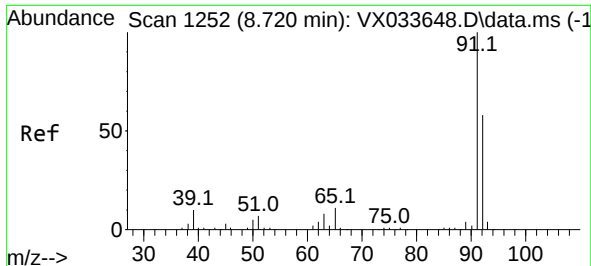
Delta R.T. 0.000 min

Lab File: VX033669.D

Acq: 09 Jan 2023 17:35

Tgt Ion: 95	Resp: 49211
Ion Ratio	Lower Upper
95	100
174	89.3 73.7 110.5
176	86.9 71.0 106.4





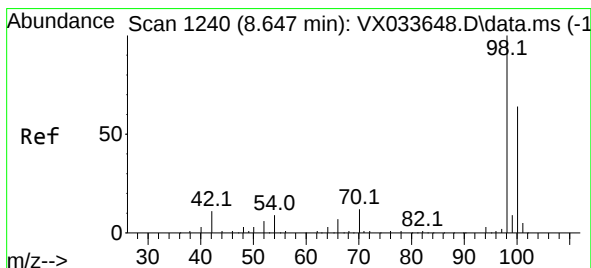
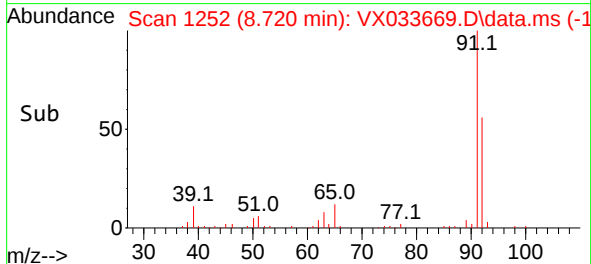
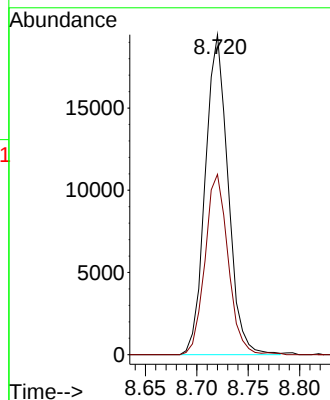
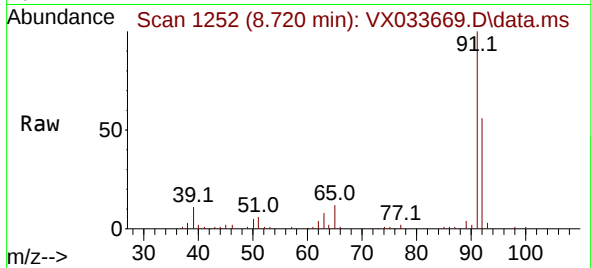
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Toluene
Concen: 5.196 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

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

Tgt Ion: 91 Resp: 3003
Ion Ratio Lower Upper
91 100
92 56.8 45.8 68.8

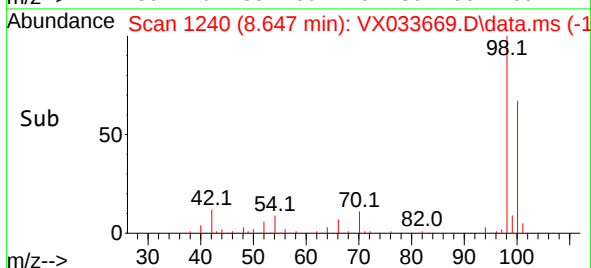
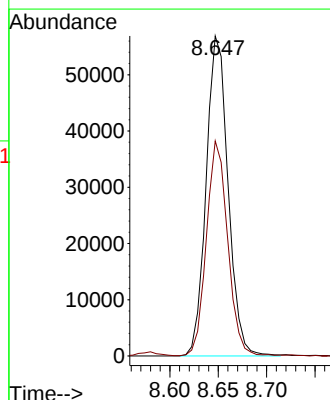
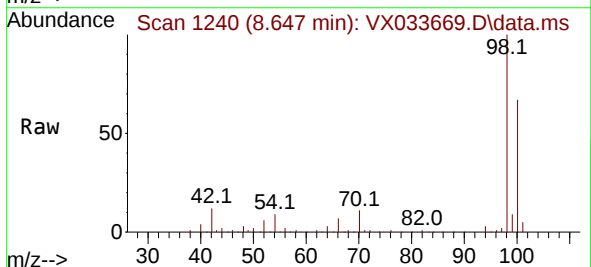
Manual Integrations
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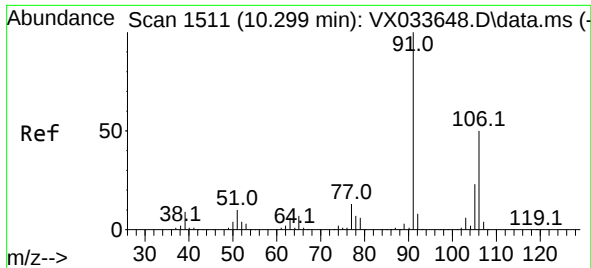
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#63
Toluene-d8
Concen: 30.589 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

Tgt Ion: 98 Resp: 89892
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7





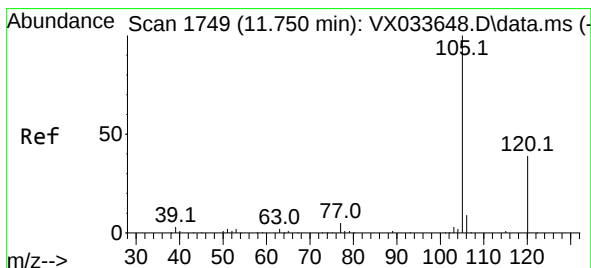
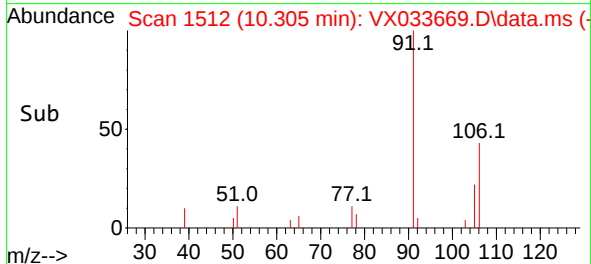
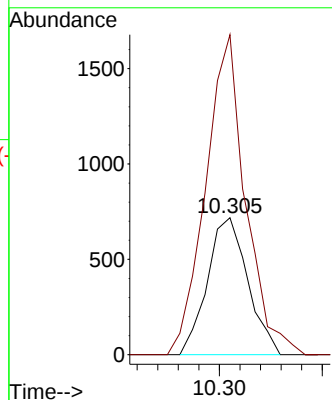
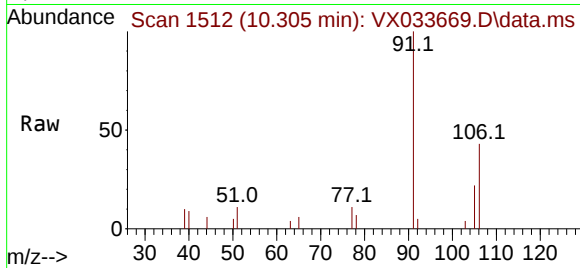
#67
m/p-Xylenes
Concen: 0.386 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

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

Tgt Ion:106 Resp: 98
Ion Ratio Lower Upper
106 100
91 231.1 157.3 235.9

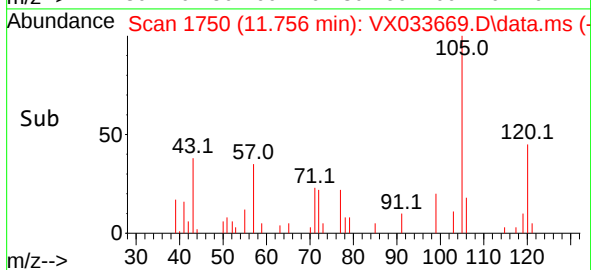
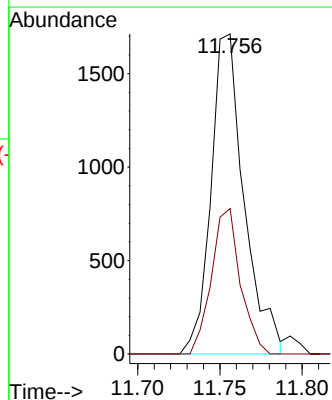
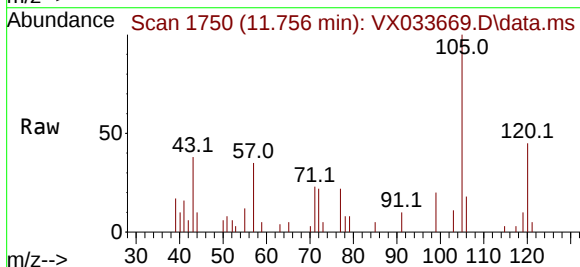
Manual Integrations
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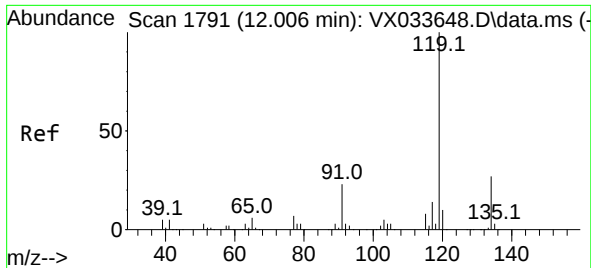
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#80
1,2,4-Trimethylbenzene
Concen: 0.452 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033669.D
Acq: 09 Jan 2023 17:35

Tgt Ion:105 Resp: 2401
Ion Ratio Lower Upper
105 100
120 39.7 0.0 91.2





#82
 p-Isopropyltoluene
 Concen: 0.297 ug/l
 RT: 12.012 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: VX033669.D
 Acq: 09 Jan 2023 17:35

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

Tgt Ion:119	Resp:	170
Ion Ratio	Lower	Upper
119	100	
134	28.2	0.0 54.4
91	23.7	0.0 45.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

