

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032779.D
 Acq On : 11 Nov 2022 16:57
 Operator : JC/MD
 Sample : N5609-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Nov 14 05:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

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

Internal Standards						
1) Bromochloromethane	4.909	128	10413	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75383	30.000	ug/l #	0.00
57) Chlorobenzene-d5	10.055	117	81315	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32062	31.916	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	106.400%		
60) 4-Bromofluorobenzene	11.079	95	44466	28.587	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.300%		
63) Toluene-d8	8.653	98	80815	29.449	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.167%		
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	453329	3240.881	ug/l	82
20) Diisopropyl ether	3.763	45	881029	244.107	ug/l #	69
25) Chloroform	5.098	83	2527m	1.118	ug/l	
30) 2-Butanone	4.568	43	18966	24.329	ug/l #	91
41) Bromodichloromethane	7.824	83	393	0.226	ug/l #	73
44) Isopropyl Acetate	6.348	43	2109	0.803	ug/l #	72
58) 4-Methyl-2-Pentanone	8.573	43	14847	9.327	ug/l #	83
59) 2-Hexanone	9.439	43	1537	1.311	ug/l #	80

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

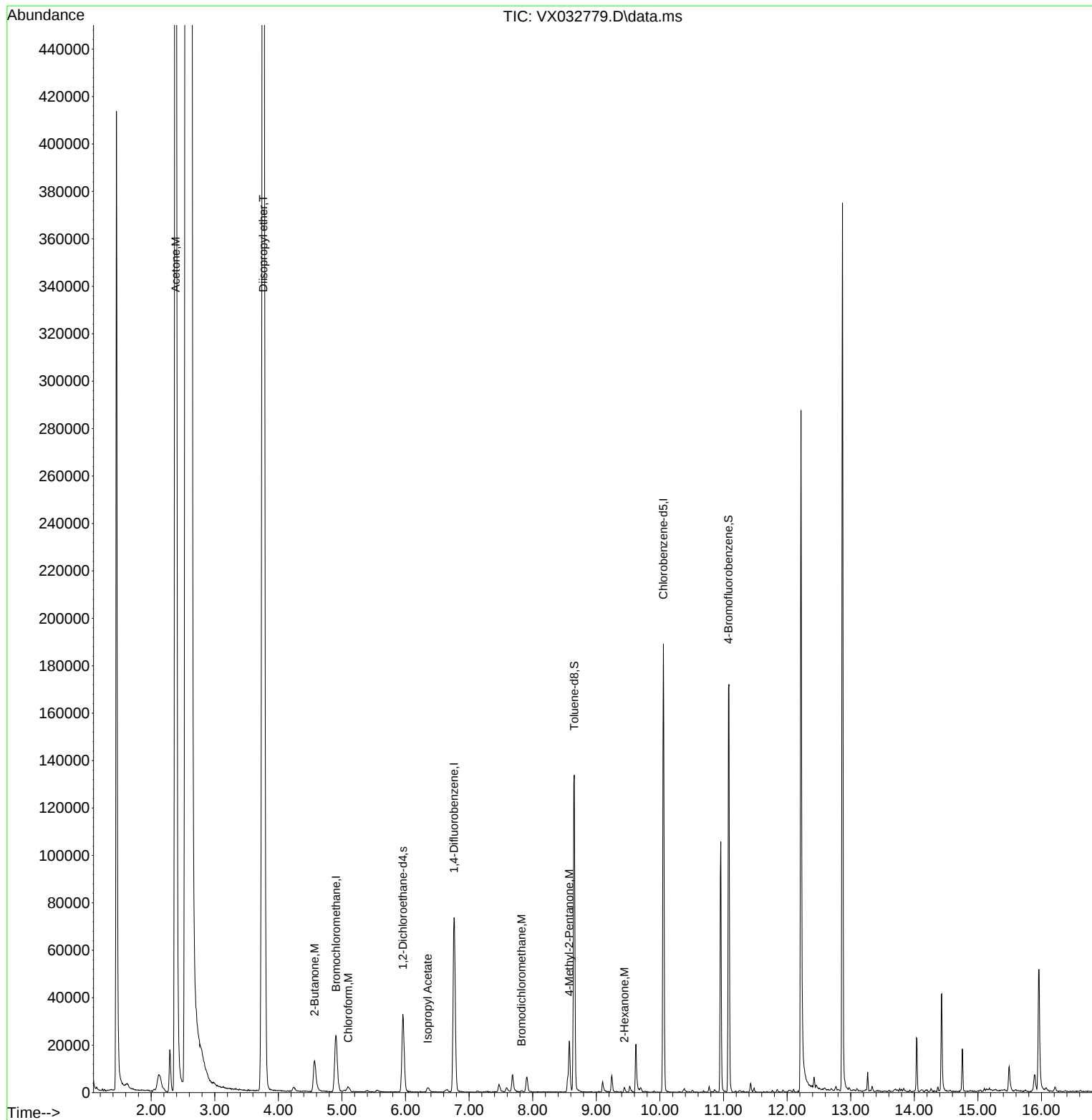
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032779.D
Acq On : 11 Nov 2022 16:57
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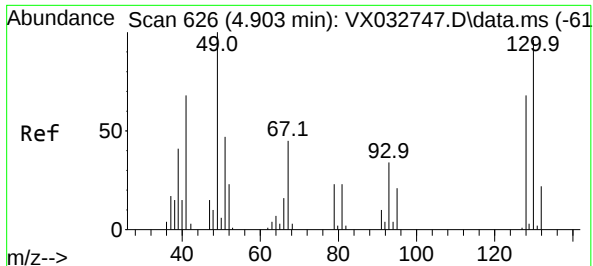
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Nov 14 05:14:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration

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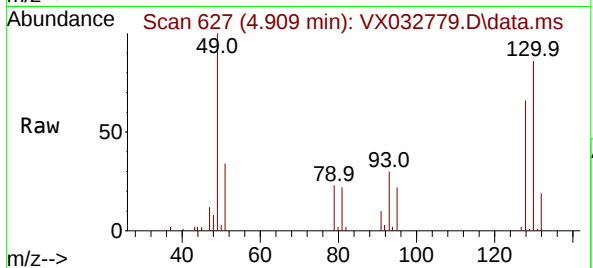
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

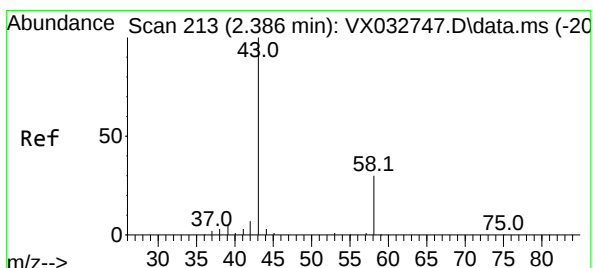
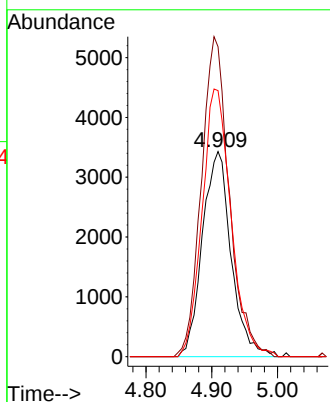
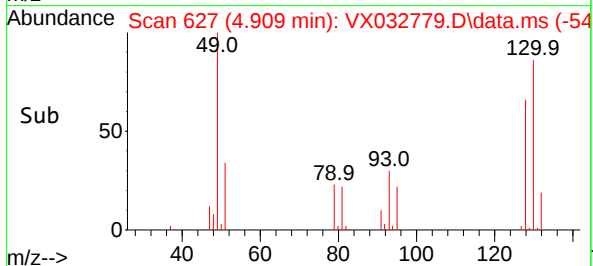
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:128 Resp: 1041
Ion Ratio Lower Upper
128 100
49 151.4 0.0 293.0
130 131.7 0.0 321.5

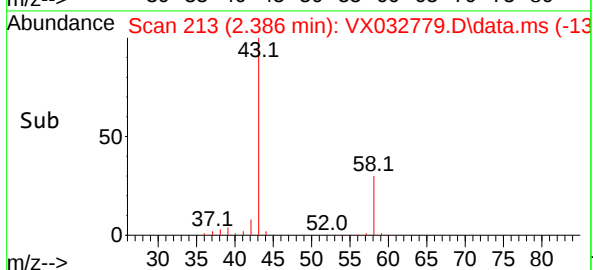
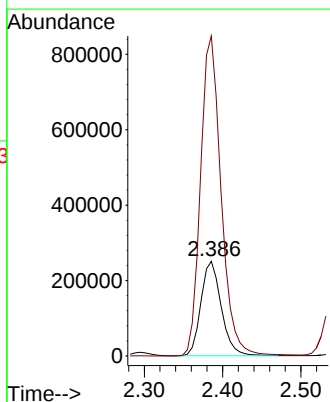
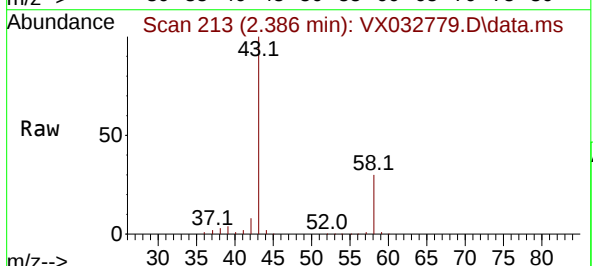
Manual Integrations
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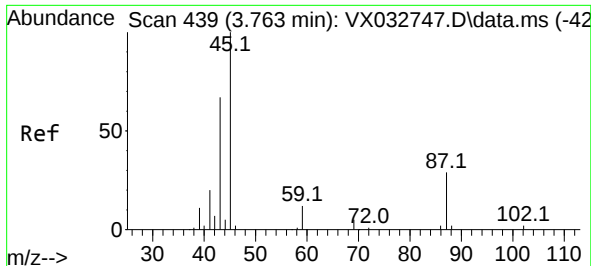
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#15
Acetone
Concen: 3240.881 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

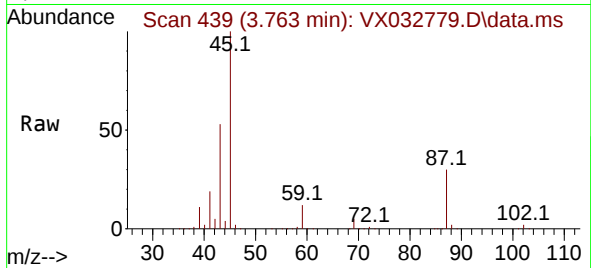
Tgt Ion: 58 Resp: 453329
Ion Ratio Lower Upper
58 100
43 337.9 242.6 364.0





#20
Diisopropyl ether
Concen: 244.107 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

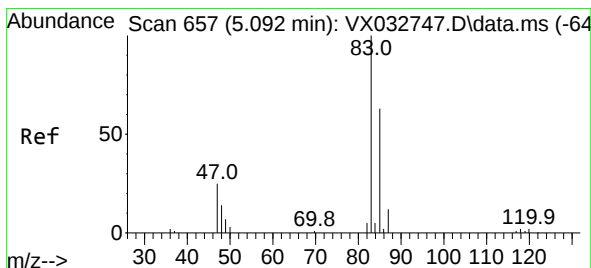
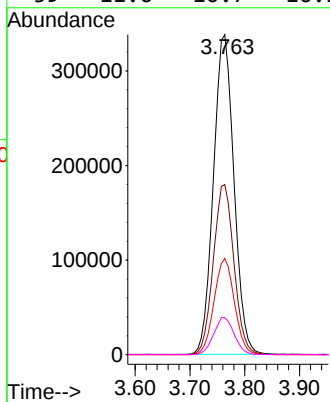
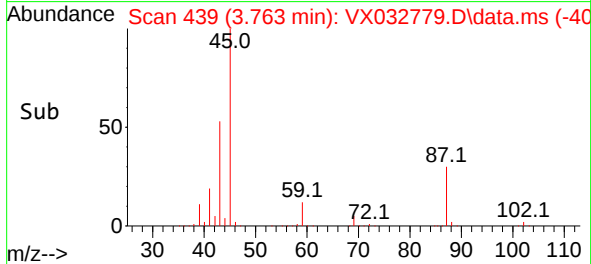
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion: 45 Resp: 881029
Ion Ratio Lower Upper
45 100
43 53.2 74.5 111.7
87 30.1 30.4 45.6
59 11.6 10.7 16.1

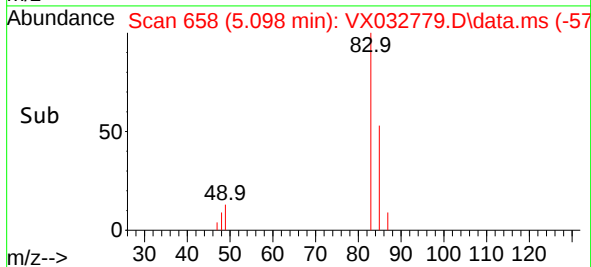
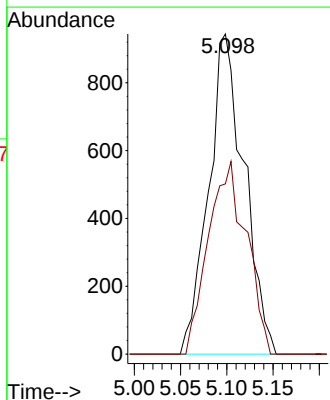
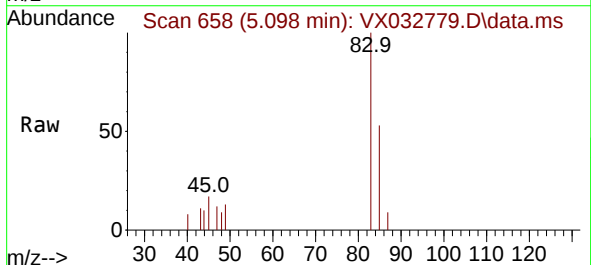
Manual Integrations
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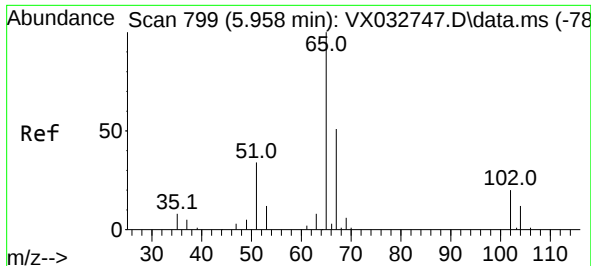
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#25
Chloroform
Concen: 1.118 ug/l m
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

Tgt Ion: 83 Resp: 2527
Ion Ratio Lower Upper
83 100
85 53.2 51.4 77.0





#27

1,2-Dichloroethane-d4

Concen: 31.916 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032779.D

Acq: 11 Nov 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion: 65 Resp: 32062

Ion Ratio Lower Upper

65 100

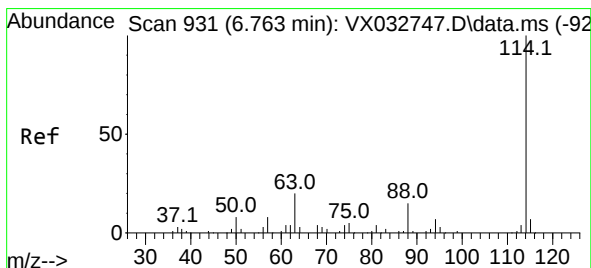
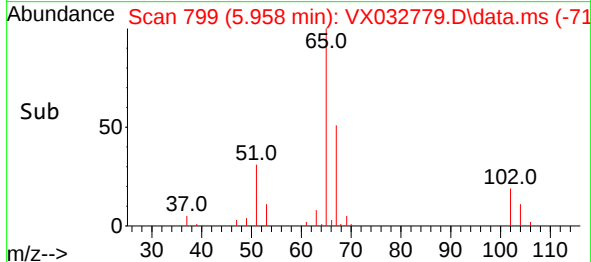
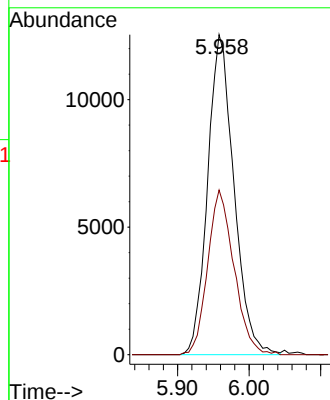
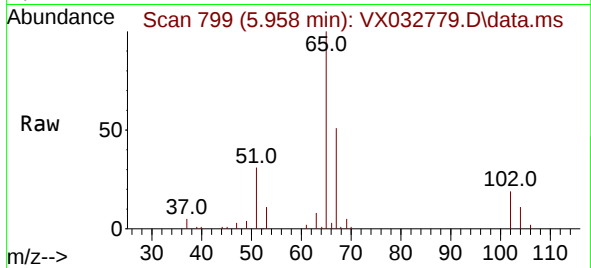
67 51.4 41.8 62.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032779.D

Acq: 11 Nov 2022 16:57

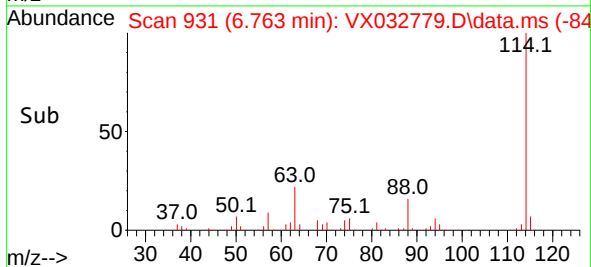
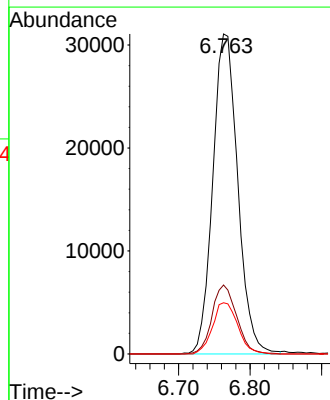
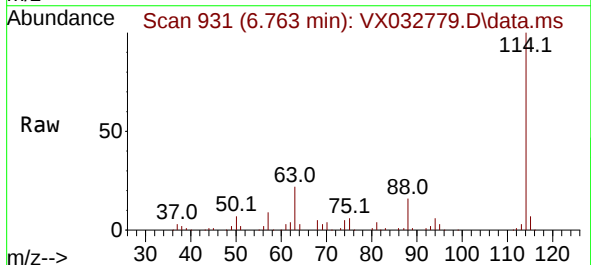
Tgt Ion:114 Resp: 75383

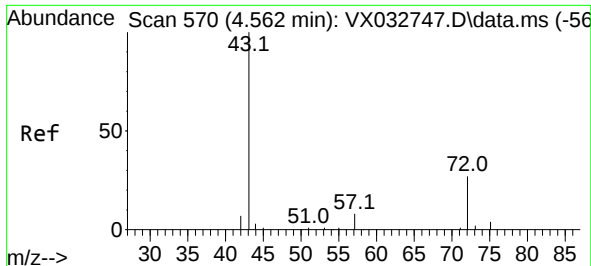
Ion Ratio Lower Upper

114 100

63 21.2 13.6 20.4#

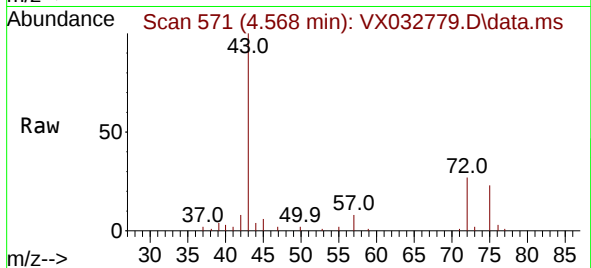
88 16.2 11.8 17.6





#30
2-Butanone
Concen: 24.329 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

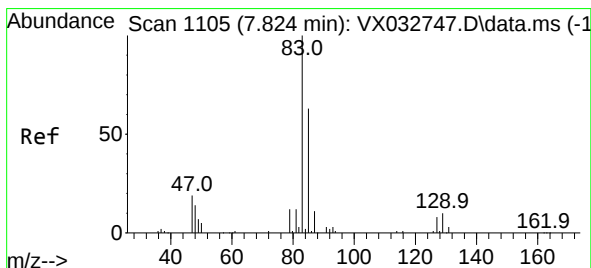
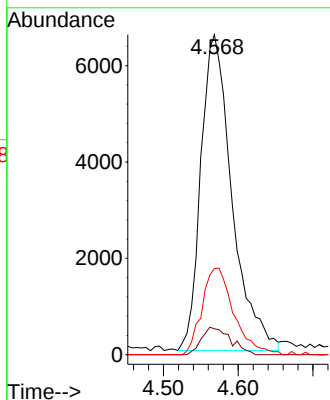
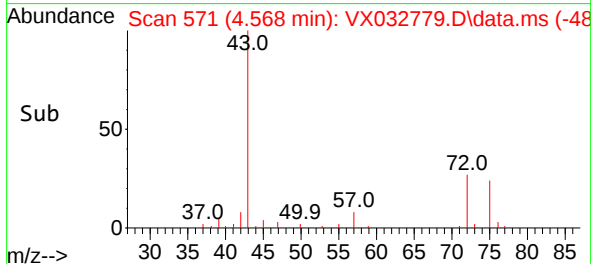
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
57 7.0 7.5 11.3#
72 28.0 26.6 39.8

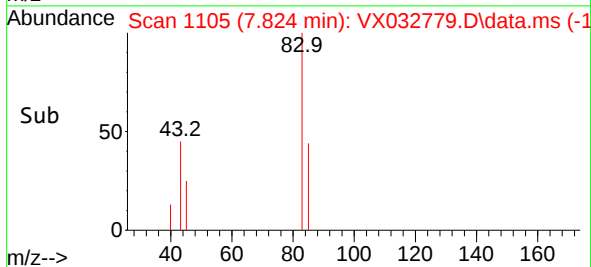
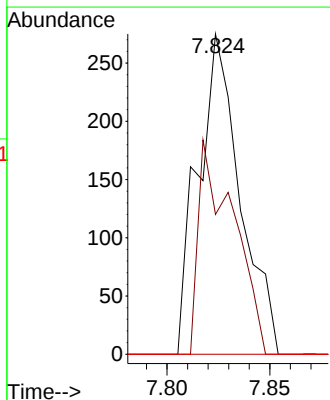
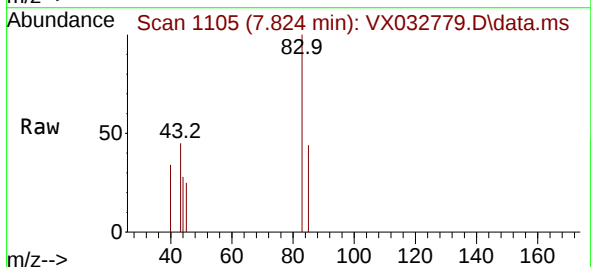
Manual Integrations
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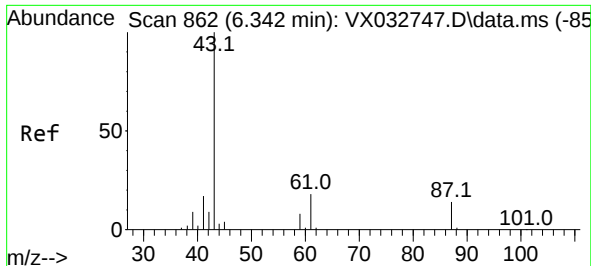
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#41
Bromodichloromethane
Concen: 0.226 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

Tgt Ion: 83 Resp: 393
Ion Ratio Lower Upper
83 100
85 43.6 52.3 78.5#
127 0.0 6.8 10.2#





#44

Isopropyl Acetate

Concen: 0.803 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX032779.D

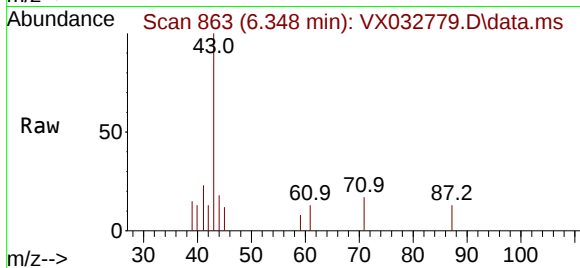
Acq: 11 Nov 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

EFF-WASTE-WATER



Tgt Ion: 43 Resp: 2109

Ion Ratio Lower Upper

43 100

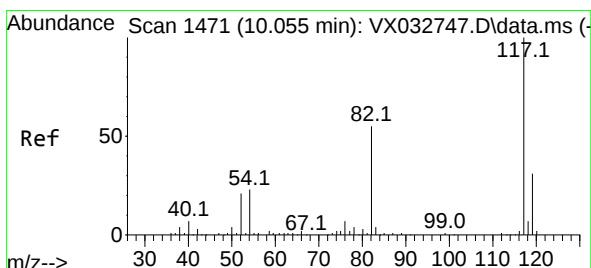
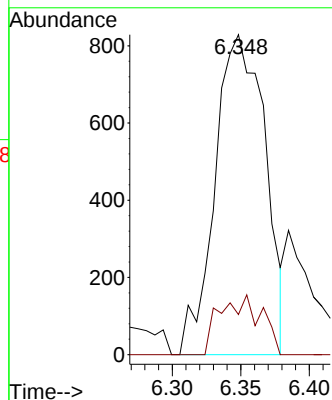
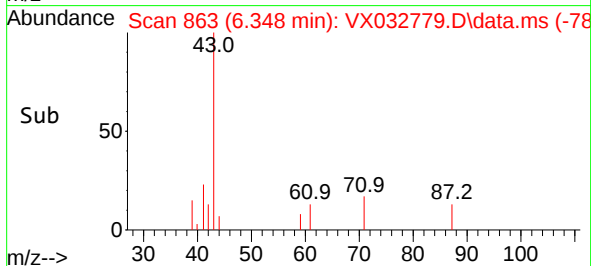
61 8.1 17.2 25.8

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032779.D

Acq: 11 Nov 2022 16:57

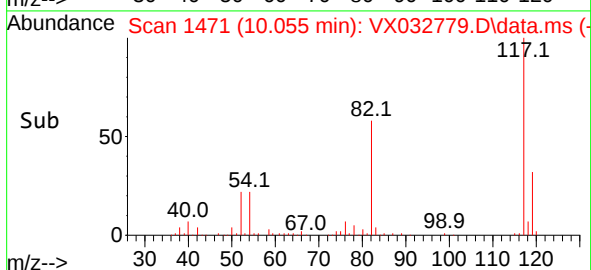
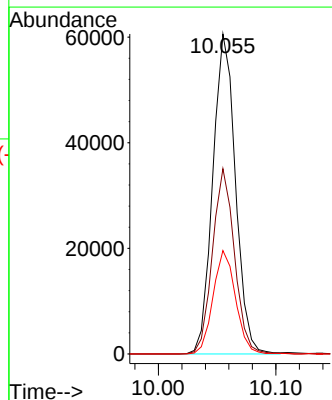
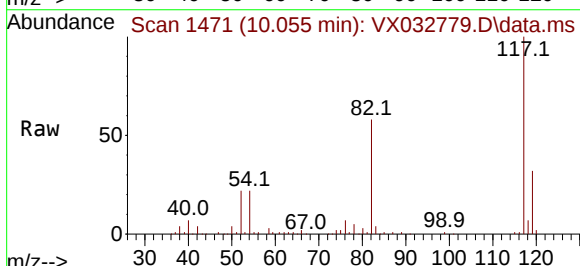
Tgt Ion:117 Resp: 81315

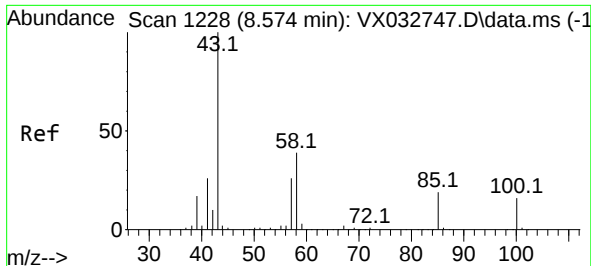
Ion Ratio Lower Upper

117 100

82 56.4 40.0 60.0

119 32.0 26.0 39.0





#58

4-Methyl-2-Pentanone

Concen: 9.327 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032779.D

Acq: 11 Nov 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion: 43 Resp: 1484

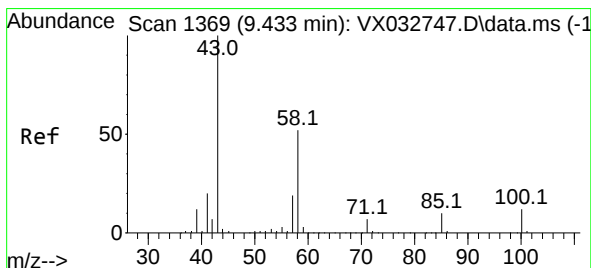
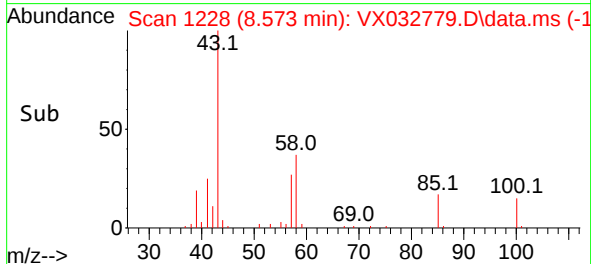
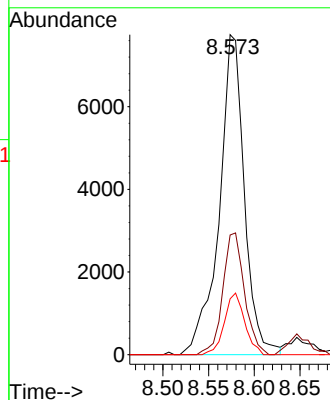
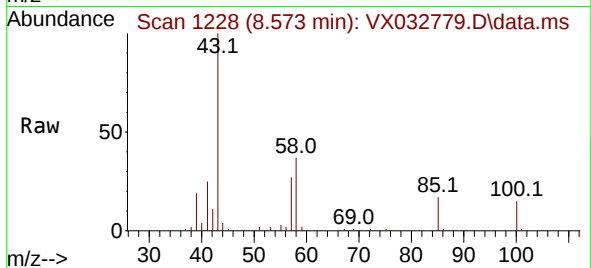
Ion	Ratio	Lower	Upper
43	100		
58	32.8	34.9	52.3
85	15.6	19.4	29.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/14/2022



#59

2-Hexanone

Concen: 1.311 ug/l

RT: 9.439 min Scan# 1370

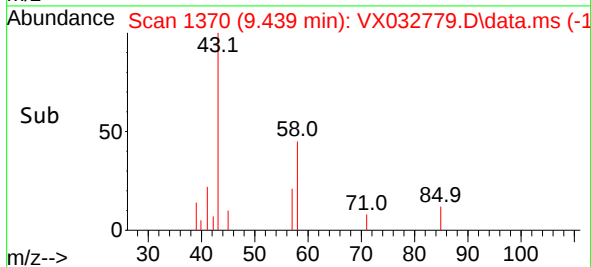
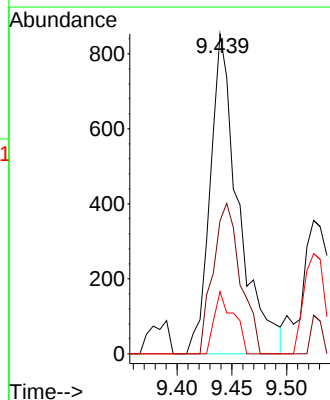
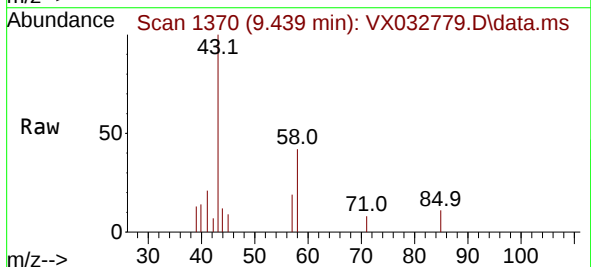
Delta R.T. 0.006 min

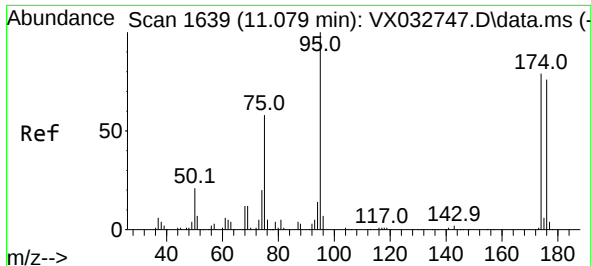
Lab File: VX032779.D

Acq: 11 Nov 2022 16:57

Tgt Ion: 43 Resp: 1537

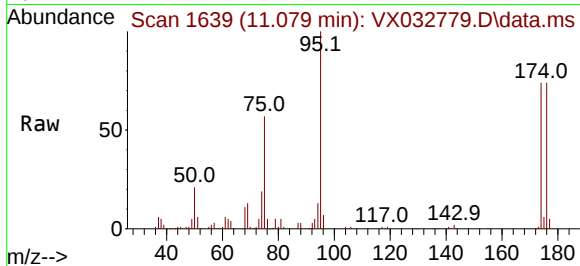
Ion	Ratio	Lower	Upper
43	100		
58	45.3	49.0	73.6
57	13.3	17.0	25.4





#60
4-Bromofluorobenzene
Concen: 28.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

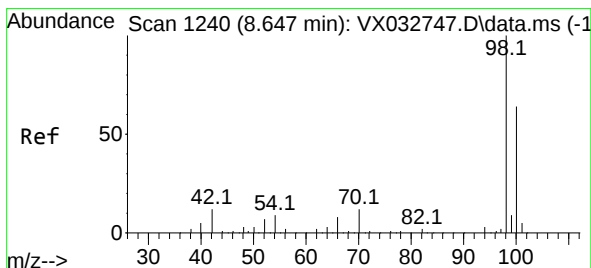
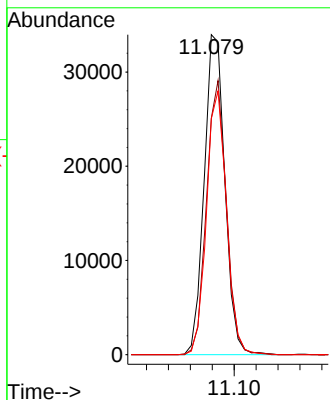
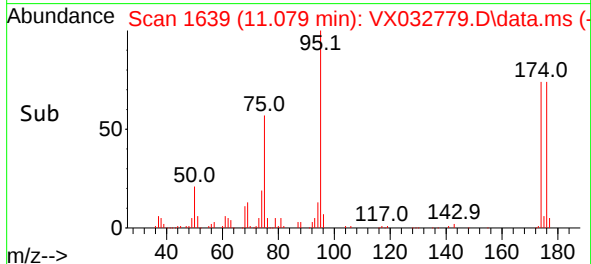
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion: 95 Resp: 44460
Ion Ratio Lower Upper
95 100
174 82.2 68.2 102.2
176 79.7 68.1 102.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#63
Toluene-d8
Concen: 29.449 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032779.D
Acq: 11 Nov 2022 16:57

Tgt Ion: 98 Resp: 80815
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.8

