

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033096.D
 Acq On : 28 Nov 2022 17:47
 Operator : JC/MD
 Sample : N5763-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 03:45:12 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	11596	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	79219	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83852	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32346	28.914	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.367%	
60) 4-Bromofluorobenzene	11.079	95	42696	26.619	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	88.733%	
63) Toluene-d8	8.653	98	83462	29.494	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.300%	
Target Compounds						
15) Acetone	2.392	58	4910	31.521	ug/l	Qvalue 89
18) Methylene Chloride	2.788	84	538	0.414	ug/l	# 58
25) Chloroform	5.092	83	3908m	1.553	ug/l	

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

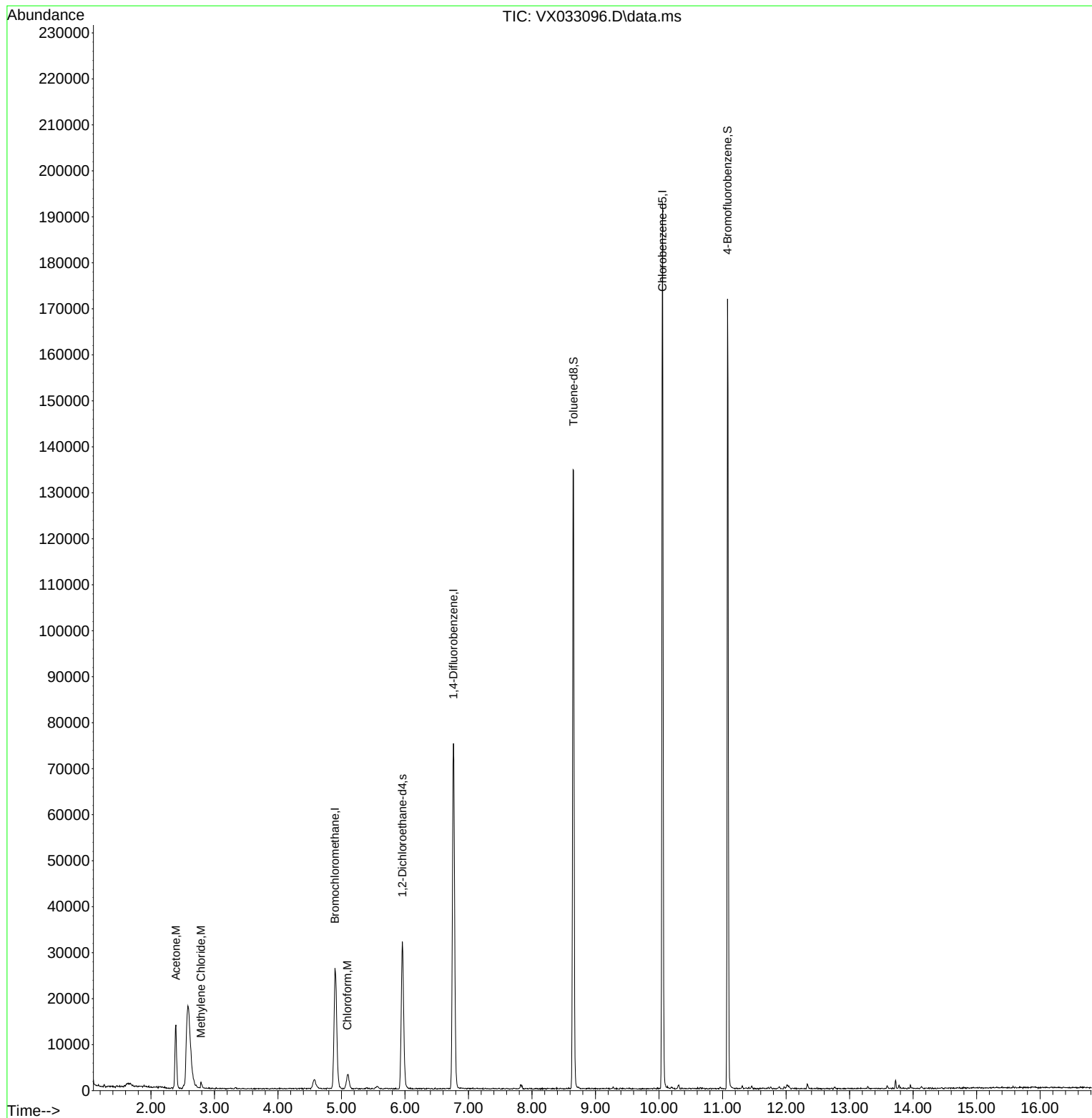
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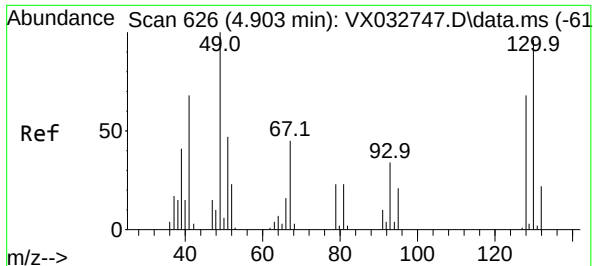
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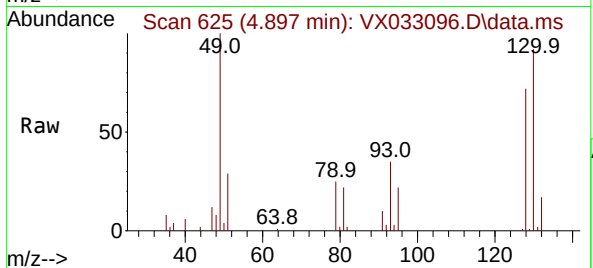
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

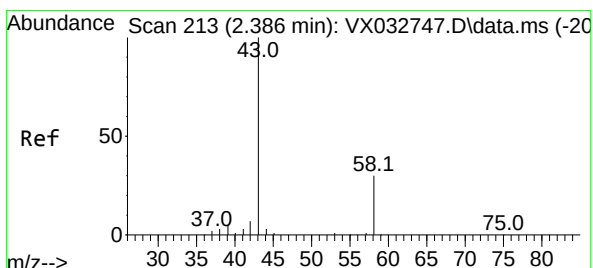
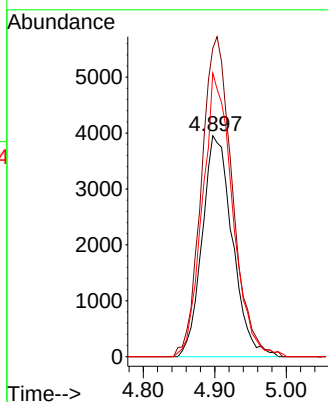
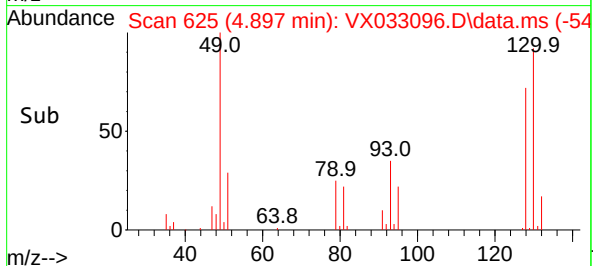
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002



Tgt Ion:128 Resp: 11590
Ion Ratio Lower Upper
128 100
49 148.0 0.0 293.0
130 127.7 0.0 321.5

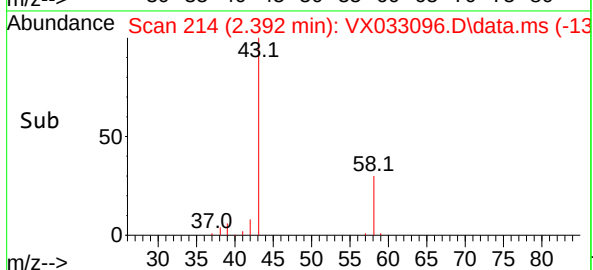
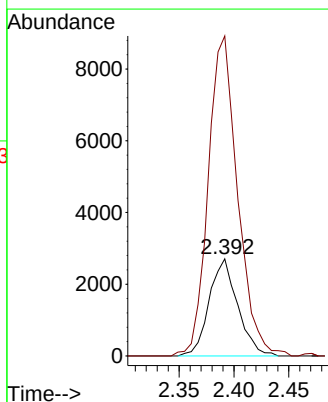
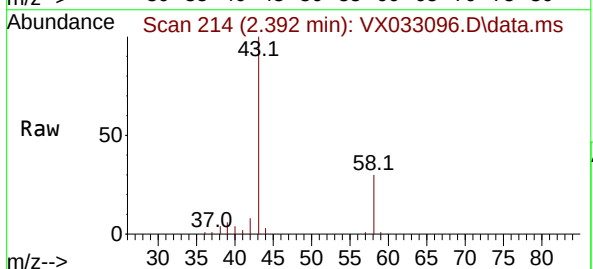
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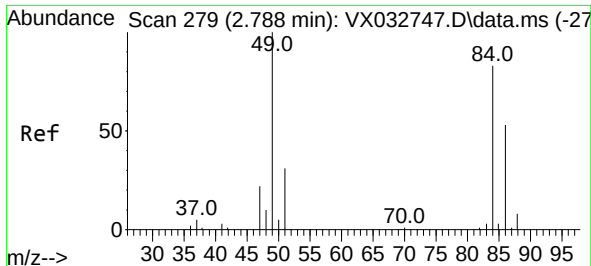
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#15
Acetone
Concen: 31.521 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

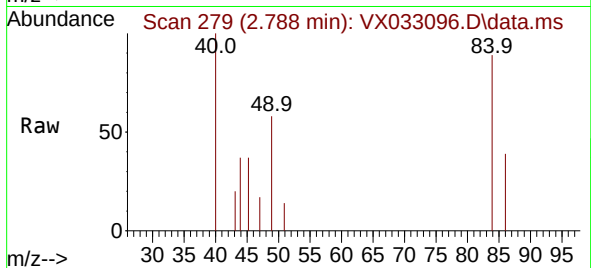
Tgt Ion: 58 Resp: 4910
Ion Ratio Lower Upper
58 100
43 325.4 242.6 364.0





#18
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

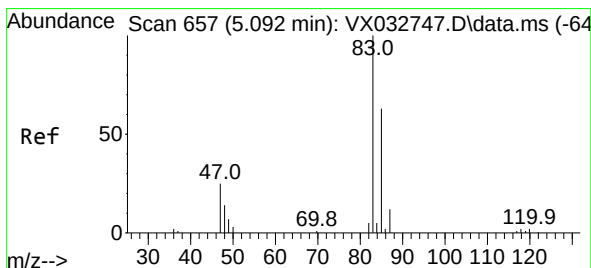
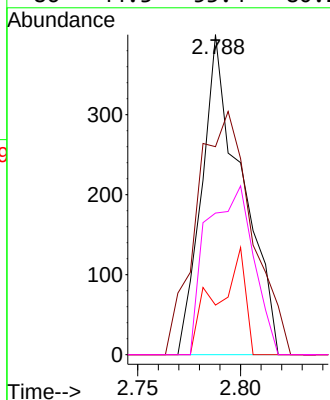
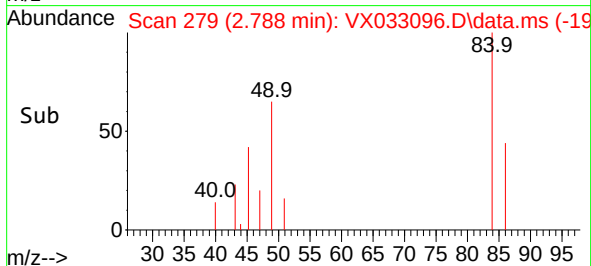
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002



Tgt Ion: 84 Resp: 538
Ion Ratio Lower Upper
84 100
49 49.7 84.6 127.0
51 15.5 26.5 39.7
86 44.3 53.4 80.2

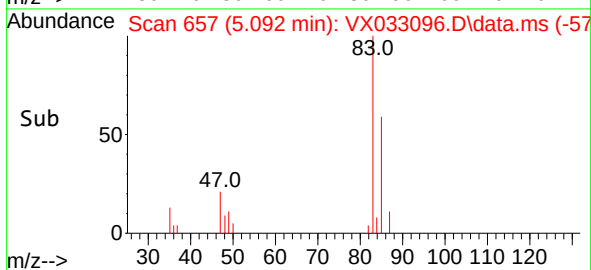
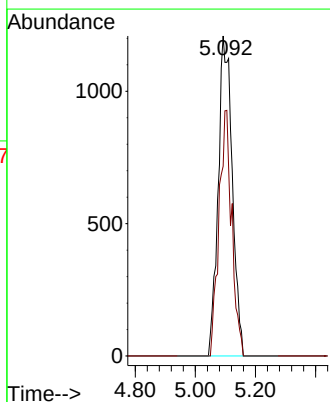
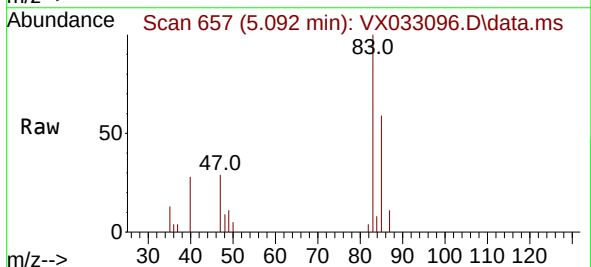
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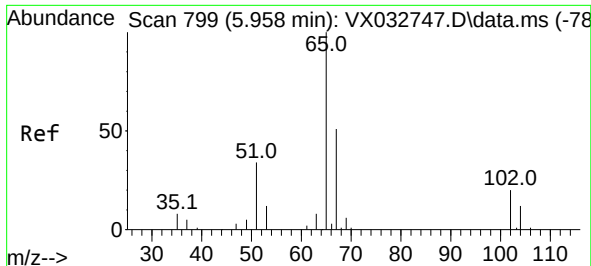
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#25
Chloroform
Concen: 1.553 ug/l m
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

Tgt Ion: 83 Resp: 3908
Ion Ratio Lower Upper
83 100
85 59.3 51.4 77.0





#27

1,2-Dichloroethane-d4

Concen: 28.914 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033096.D

Acq: 28 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

Tgt Ion: 65 Resp: 32340

Ion Ratio Lower Upper

65 100

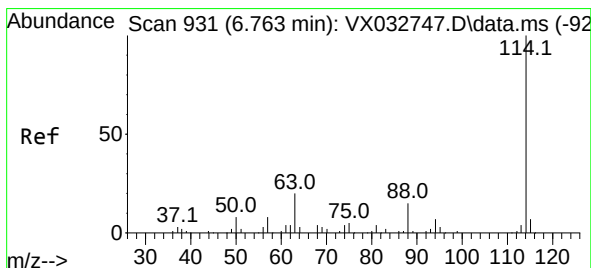
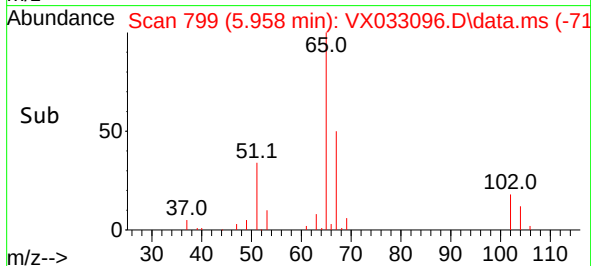
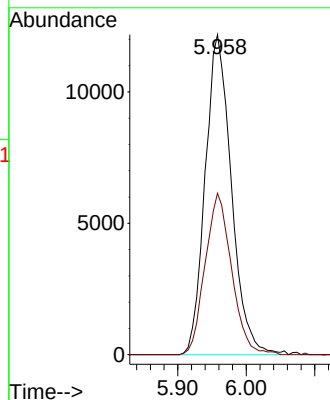
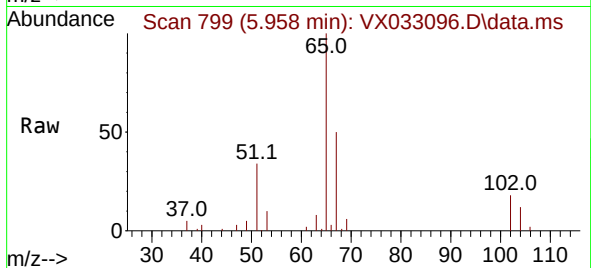
67 51.0 41.8 62.6

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: VX033096.D

Acq: 28 Nov 2022 17:47

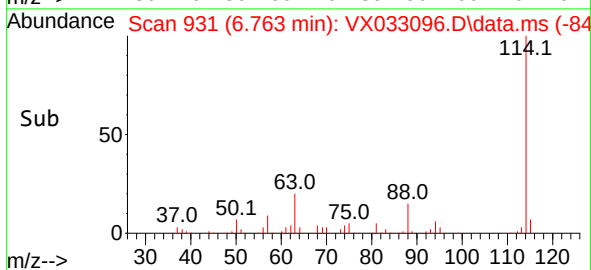
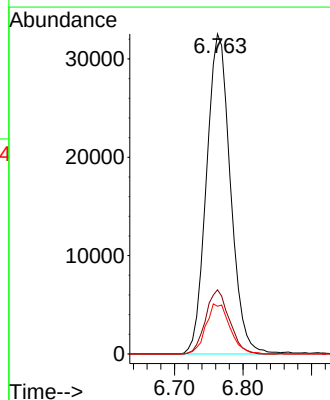
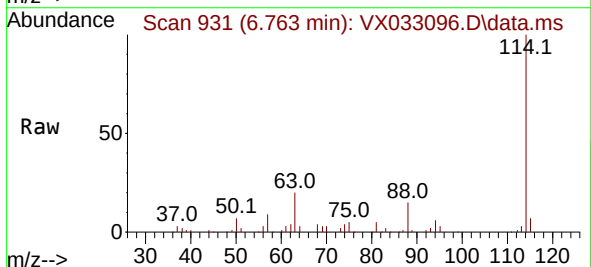
Tgt Ion:114 Resp: 79219

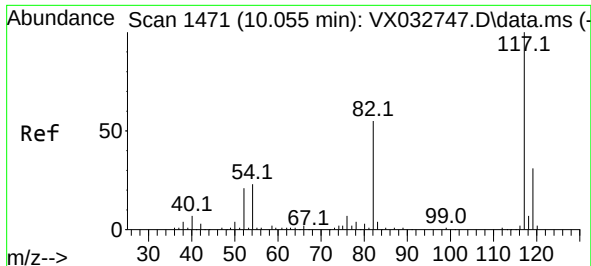
Ion Ratio Lower Upper

114 100

63 19.7 13.6 20.4

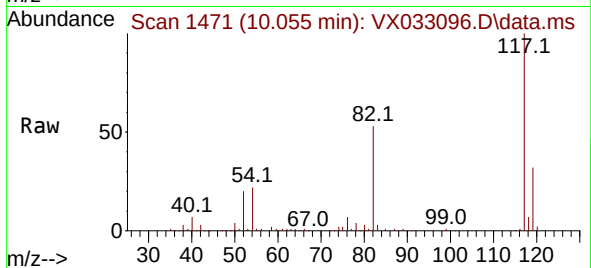
88 15.7 11.8 17.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

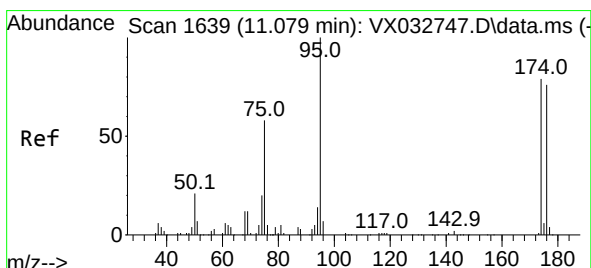
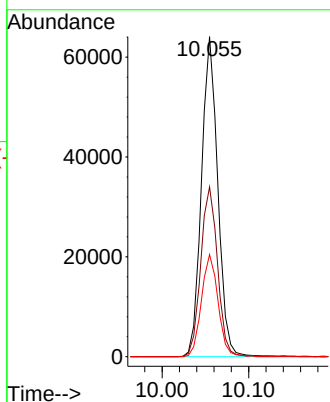
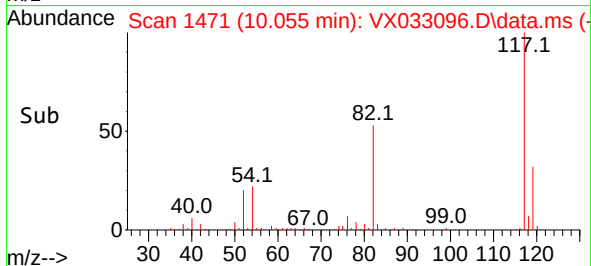
Instrument : MSVOA_X
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Tgt Ion: 117 Resp: 83852
Ion Ratio Lower Upper
117 100
82 54.6 40.0 60.0
119 32.5 26.0 39.0

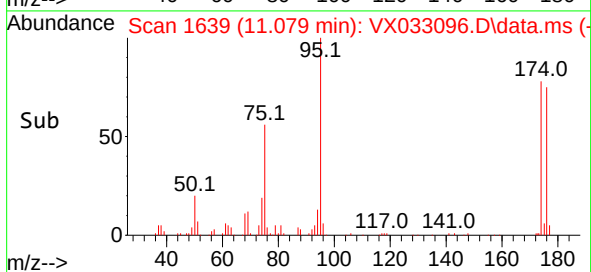
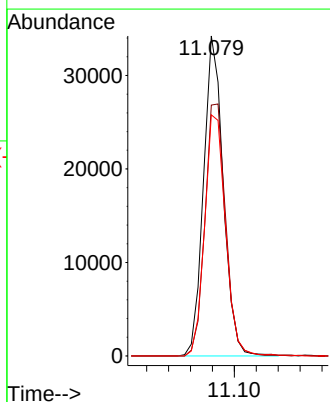
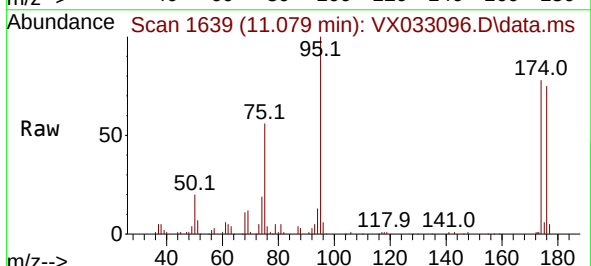
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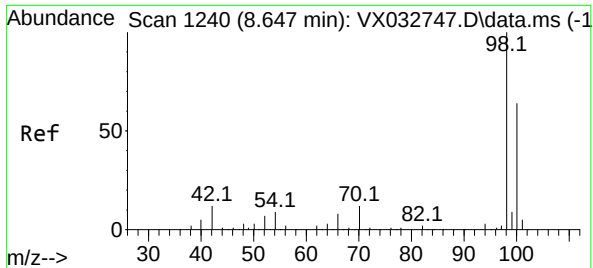
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
4-Bromofluorobenzene
Concen: 26.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

Tgt Ion: 95 Resp: 42696
Ion Ratio Lower Upper
95 100
174 83.0 68.2 102.2
176 79.8 68.1 102.1





#63
Toluene-d8
Concen: 29.494 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033096.D
Acq: 28 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

Tgt Ion: 98 Resp: 83462
Ion Ratio Lower Upper
98 100
100 63.7 53.8 80.8

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