

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027106.D
 Acq On : 18 Feb 2022 13:43
 Operator : JC/MD
 Sample : N1582-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Feb 21 00:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/22/2022

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

Internal Standards						
1) Bromochloromethane	4.909	128	14774	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	84253	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	73319	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	32732	30.640	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.133%			
60) 4-Bromofluorobenzene	11.085	95	35393	29.685	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%			
63) Toluene-d8	8.653	98	98365	29.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds						
					Qvalue	
15) Acetone	2.379	58	655778	4415.282	ug/l	96
20) Diisopropyl ether	3.763	45	18705	6.148	ug/l #	84
23) tert-Butyl Alcohol	2.971	59	6380	29.444	ug/l #	100
25) Chloroform	5.105	83	1941	1.118	ug/l #	75
30) 2-Butanone	4.574	43	3261m	4.057	ug/l	
59) 2-Hexanone	9.433	43	4085	3.566	ug/l	100

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

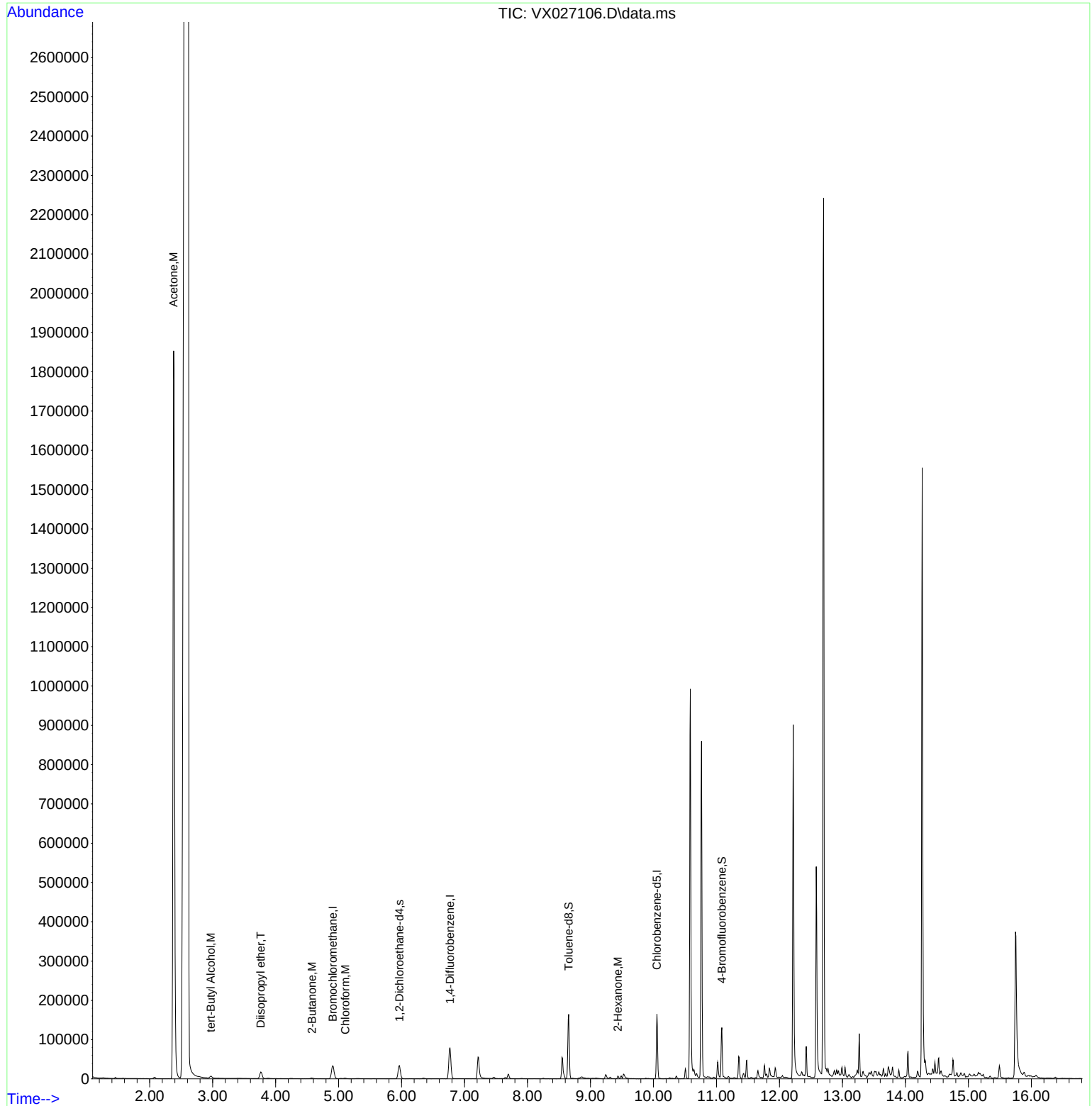
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027106.D
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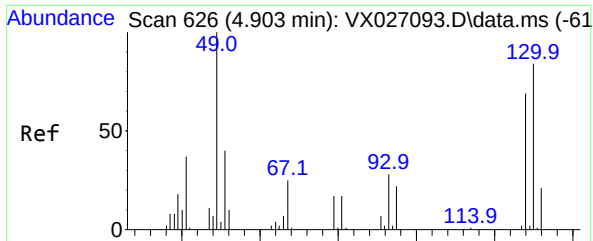
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

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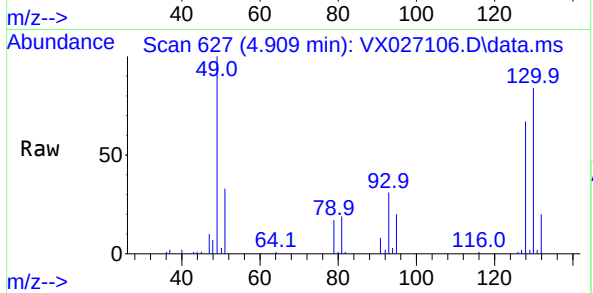
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 05:14:00 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

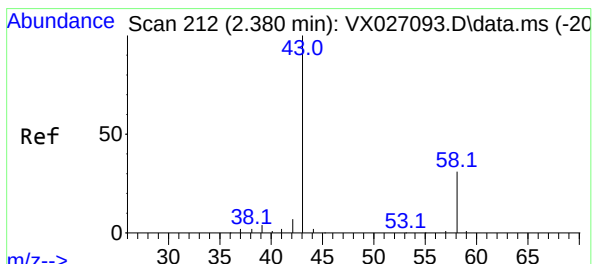
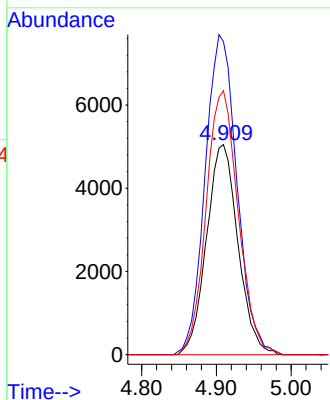
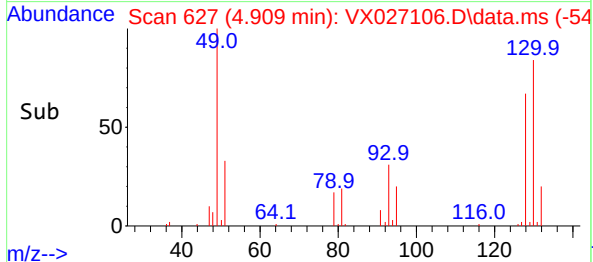
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion:128 Resp: 14774
Ion Ratio Lower Upper
128 100
49 154.2 0.0 387.0
130 128.5 0.0 323.0

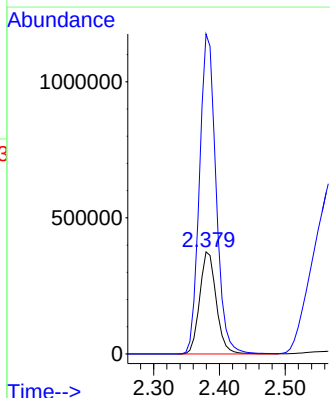
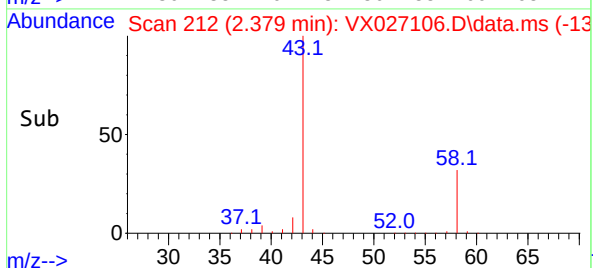
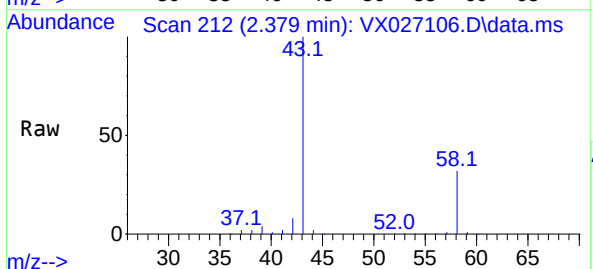
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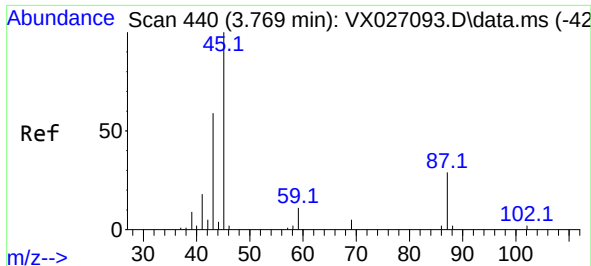
Reviewed By :Mahesh Dadoda 02/21/2022
Supervised By :Semsettin Yesilyurt 02/22/2022



#15
Acetone
Concen: 4415.282 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

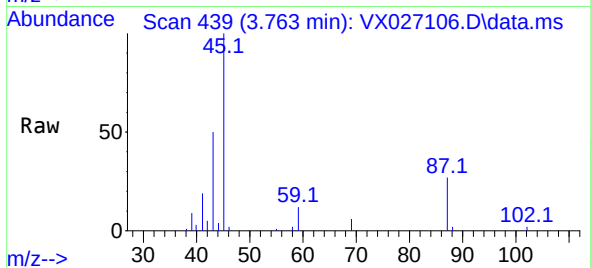
Tgt Ion: 58 Resp: 655778
Ion Ratio Lower Upper
58 100
43 313.5 256.9 385.3





#20
Diisopropyl ether
Concen: 6.148 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

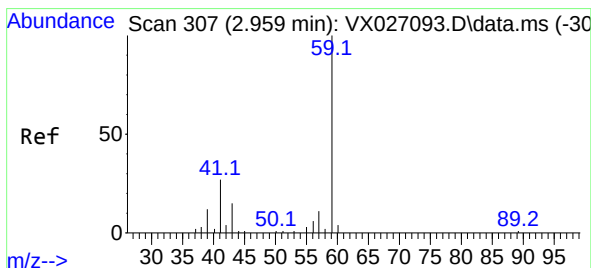
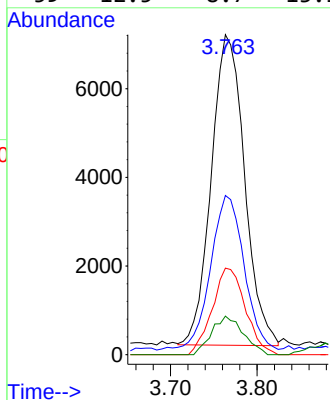
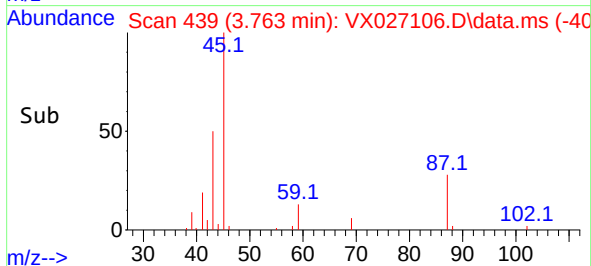
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion: 45 Resp: 1870
Ion Ratio Lower Upper
45 100
43 49.8 55.5 83.3
87 28.0 23.1 34.7
59 12.5 8.7 13.1

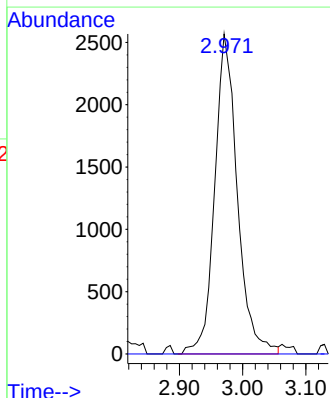
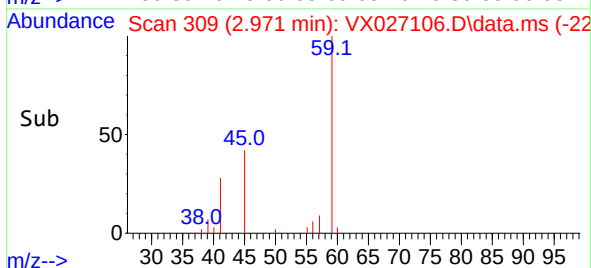
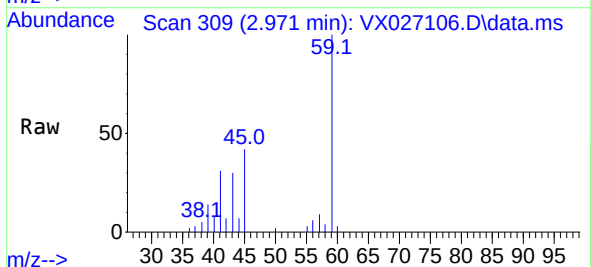
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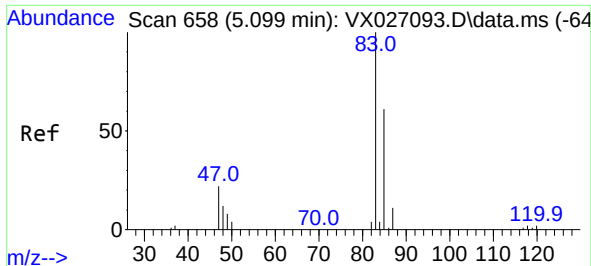
Reviewed By :Mahesh Dadoda 02/21/2022
Supervised By :Semsettin Yesilyurt 02/22/2022



#23
tert-Butyl Alcohol
Concen: 29.444 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.012 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

Tgt Ion: 59 Resp: 6380
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





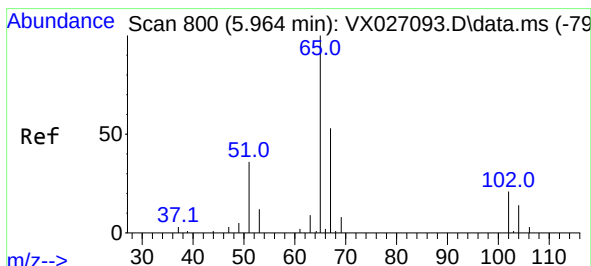
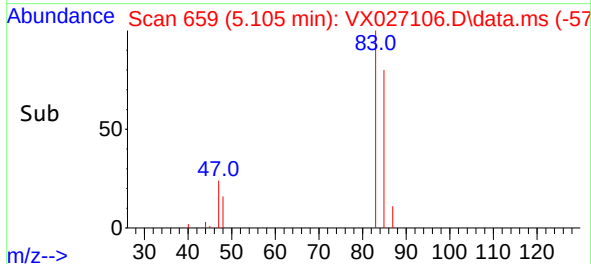
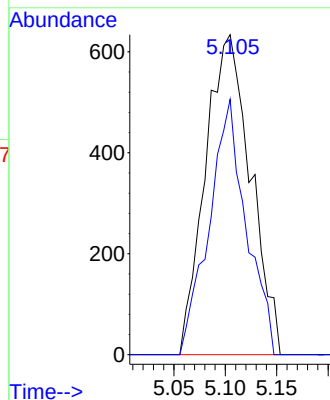
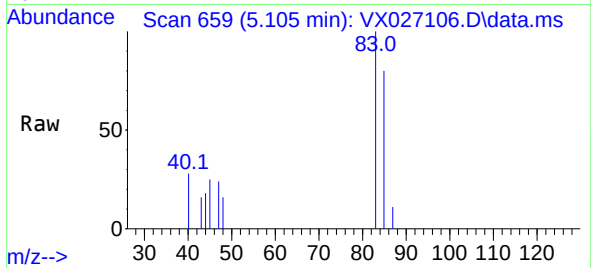
#25
Chloroform
Concen: 1.118 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 83 Resp: 194
Ion Ratio Lower Upper
83 100
85 79.8 48.4 72.6

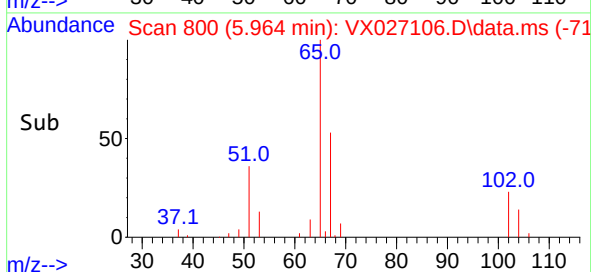
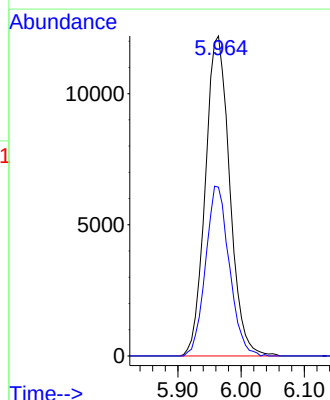
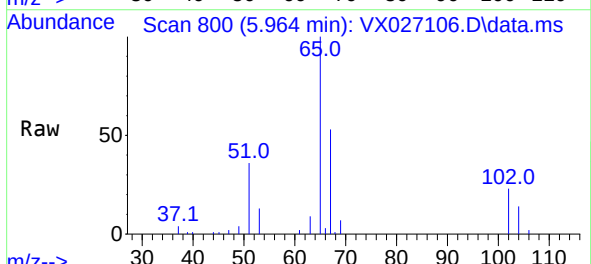
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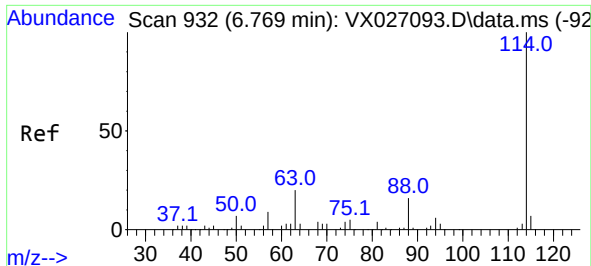
Reviewed By :Mahesh Dadoda 02/21/2022
Supervised By :Semsettin Yesilyurt 02/22/2022



#27
1,2-Dichloroethane-d4
Concen: 30.640 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

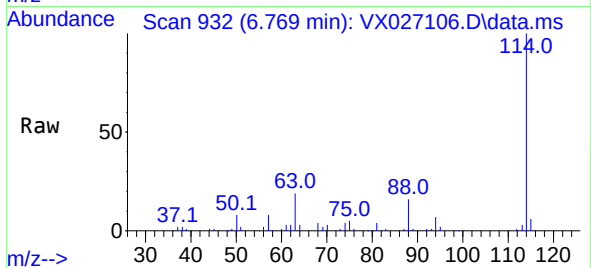
Tgt Ion: 65 Resp: 32732
Ion Ratio Lower Upper
65 100
67 51.7 41.4 62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

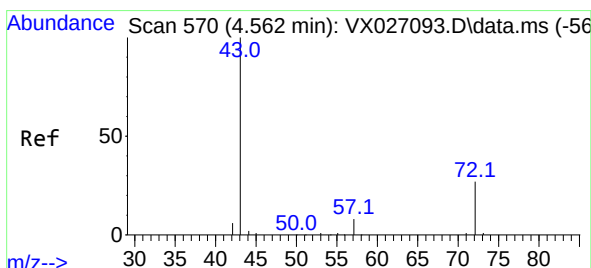
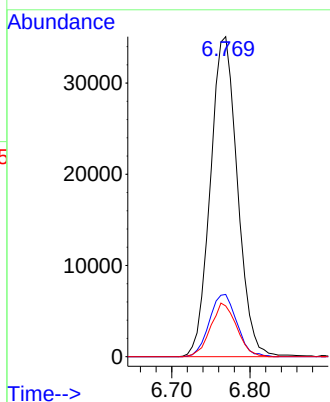
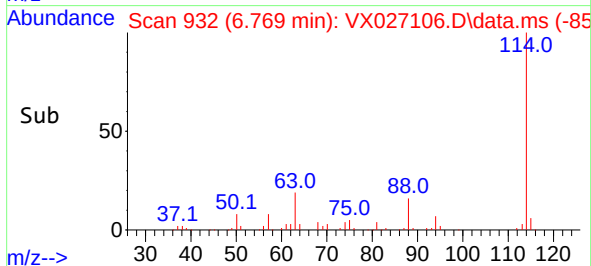
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



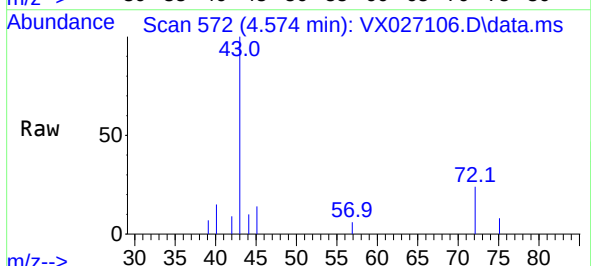
Tgt Ion: 114 Resp: 8425
Ion Ratio Lower Upper
114 100
63 19.7 16.2 24.2
88 16.1 12.7 19.1

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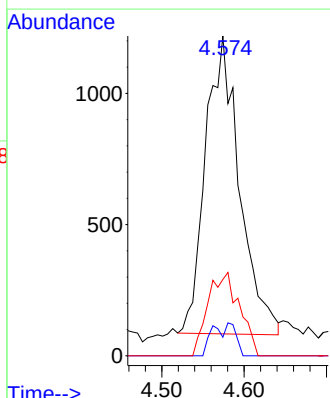
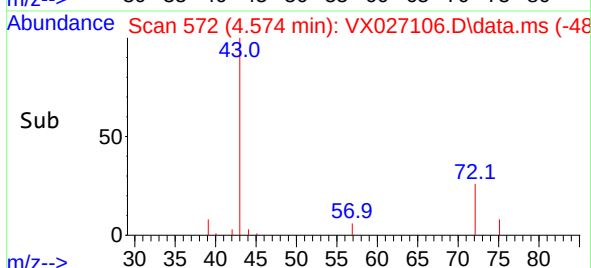
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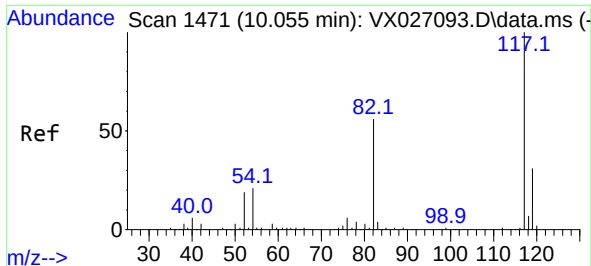


#30
2-Butanone
Concen: 4.057 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43



Tgt Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
57 4.0 6.6 9.8#
72 10.5 21.0 31.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027106.D

Acq: 18 Feb 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

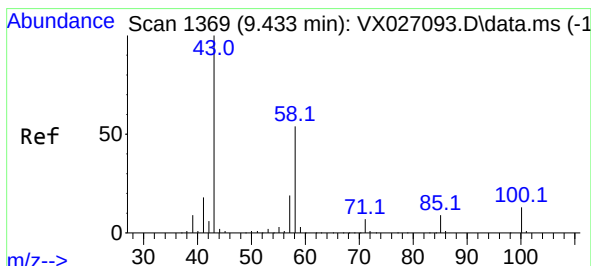
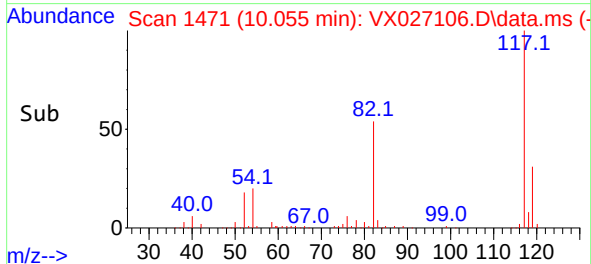
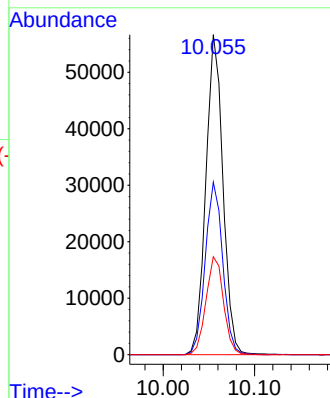
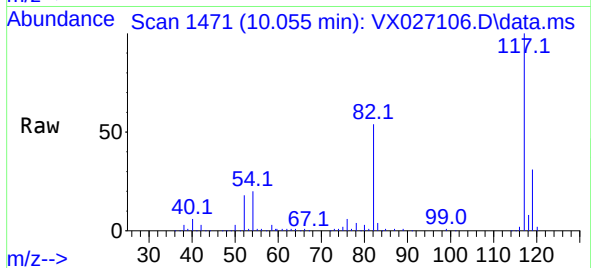
Tgt Ion: 117 Resp: 73319

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	31.5	25.4	38.0

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#59

2-Hexanone

Concen: 3.566 ug/l

RT: 9.433 min Scan# 1369

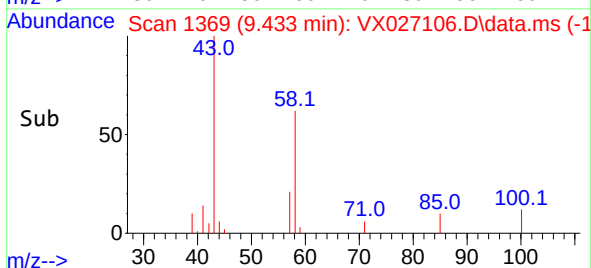
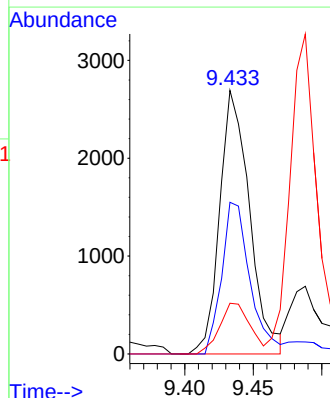
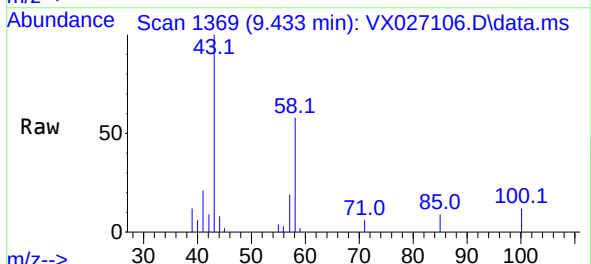
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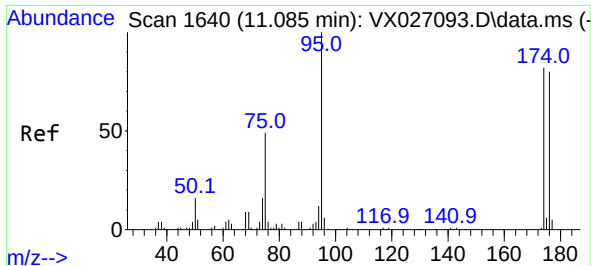
Lab File: VX027106.D

Acq: 18 Feb 2022 13:43

Tgt Ion: 43 Resp: 4085

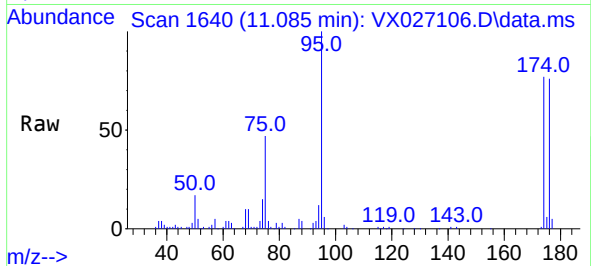
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.4	65.2
57	19.7	15.4	23.2





#60
4-Bromofluorobenzene
Concen: 29.685 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

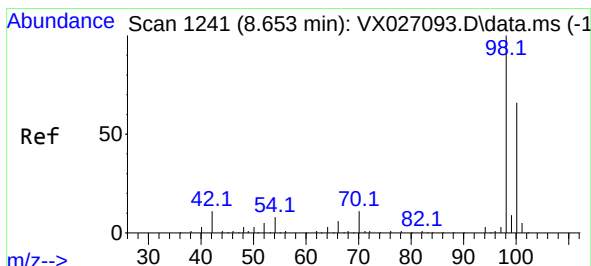
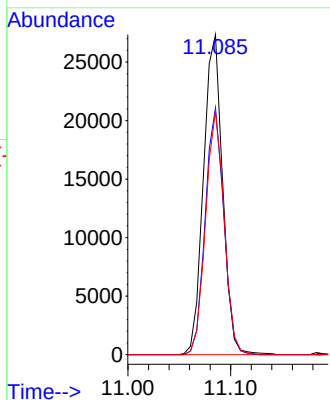
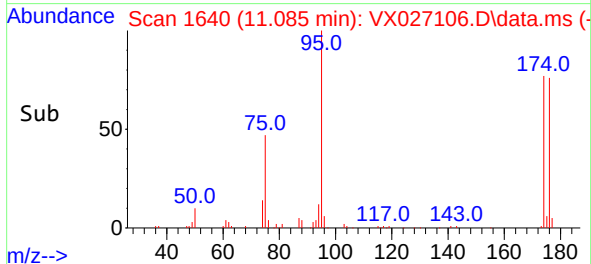
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion: 95 Resp: 3539
Ion Ratio Lower Upper
95 100
174 74.8 61.8 92.8
176 73.7 59.4 89.2

Manual Integrations
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#63
Toluene-d8
Concen: 29.924 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027106.D
Acq: 18 Feb 2022 13:43

Tgt Ion: 98 Resp: 98365
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

