

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046634.D
 Acq On : 11 Jun 2025 13:40
 Operator : JC/MD
 Sample : Q2264-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jun 12 01:39:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Bromochloromethane	4.922	128	16594	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	91514	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85872	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	43589	32.451	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.167%			
60) 4-Bromofluorobenzene	11.079	95	42732	29.523	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.400%			
63) Toluene-d8	8.653	98	111256	29.005	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.700%			
Target Compounds						
15) Acetone	2.392	58	435179	3708.832	ug/l	Qvalue 89
20) Diisopropyl ether	3.776	45	9730m	2.861	ug/l	
25) Chloroform	5.123	83	4822	2.405	ug/l	91
30) 2-Butanone	4.599	43	3520m	5.487	ug/l	
59) 2-Hexanone	9.446	43	1766	1.792	ug/l #	89

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

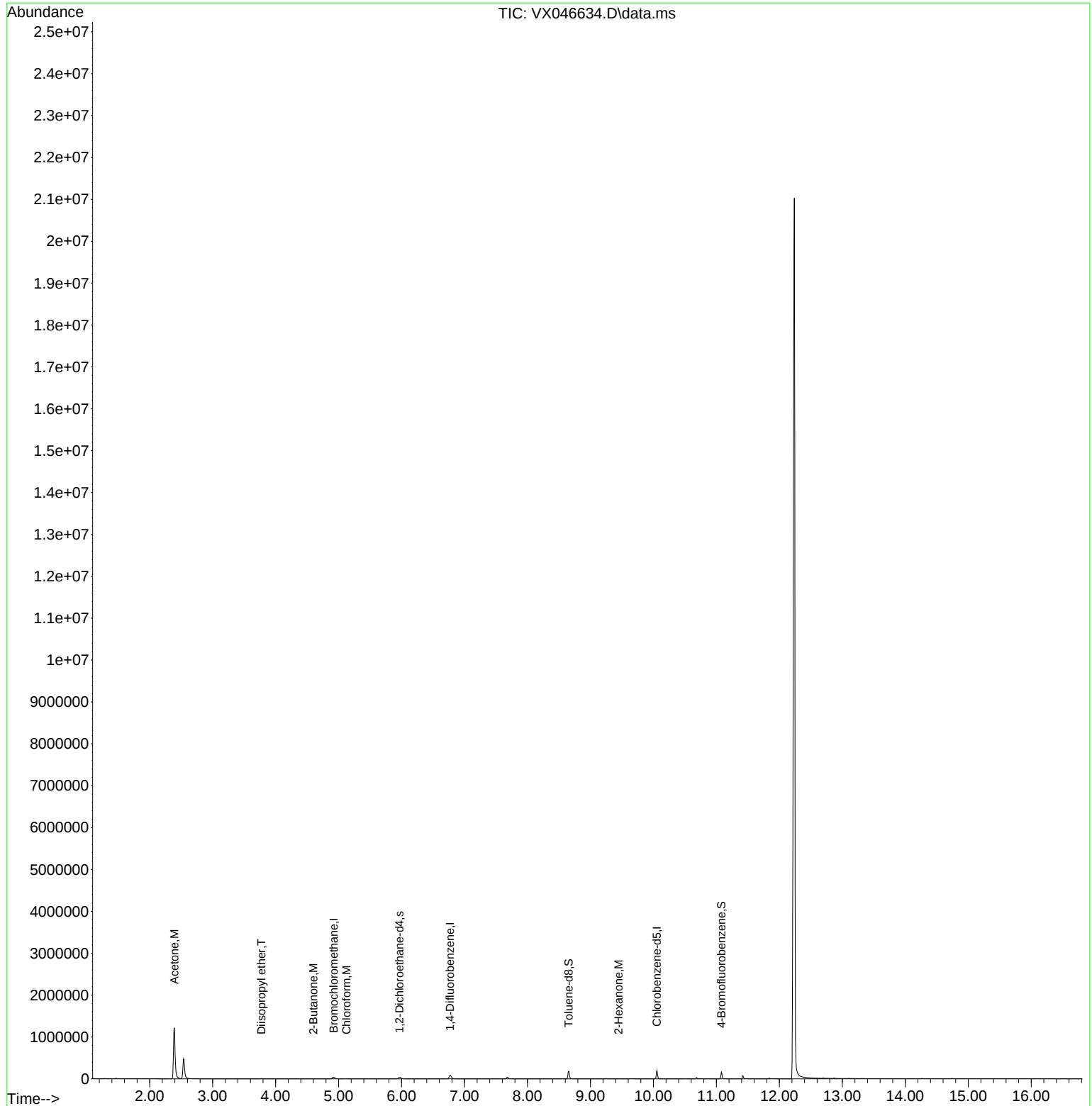
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046634.D
Acq On : 11 Jun 2025 13:40
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Sample : Q2264-01 5X
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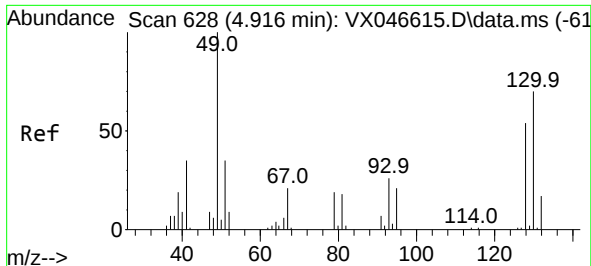
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

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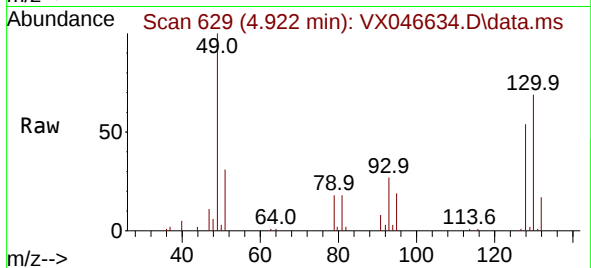
Quant Time: Jun 12 01:39:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

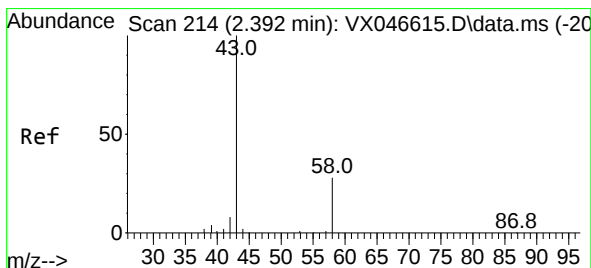
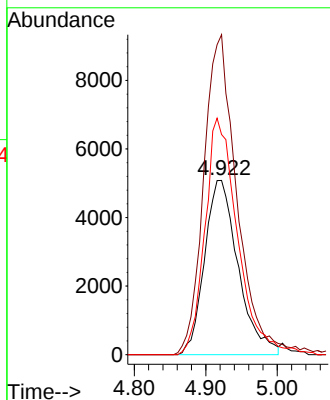
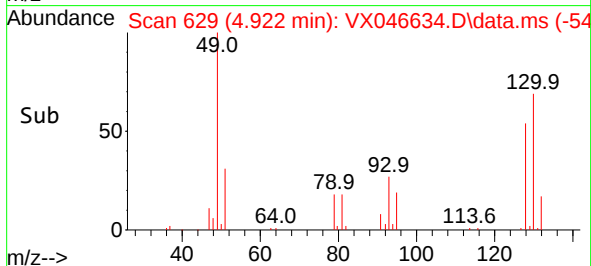
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



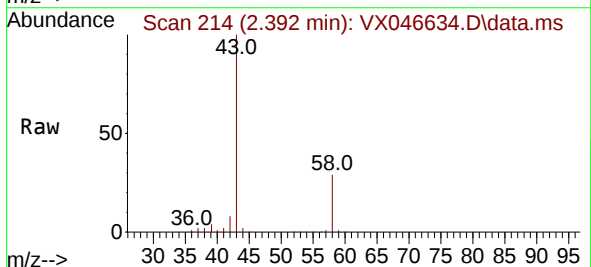
Tgt Ion:128 Resp: 16594
Ion Ratio Lower Upper
128 100
49 180.4 0.0 448.3
130 131.1 0.0 312.0

Manual Integrations
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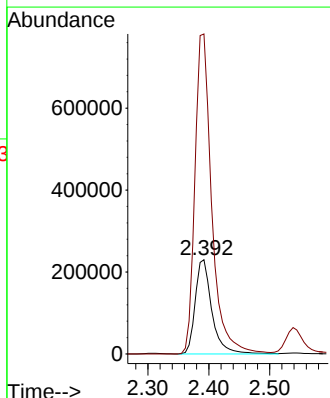
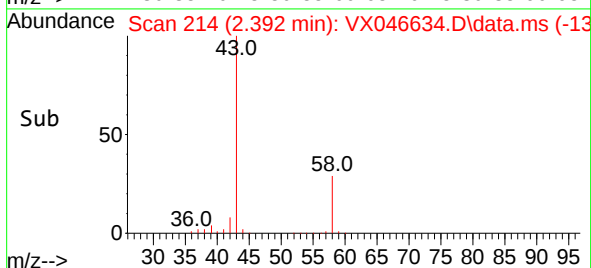
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

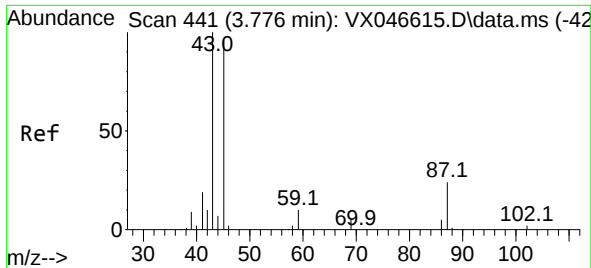


#15
Acetone
Concen: 3708.832 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40



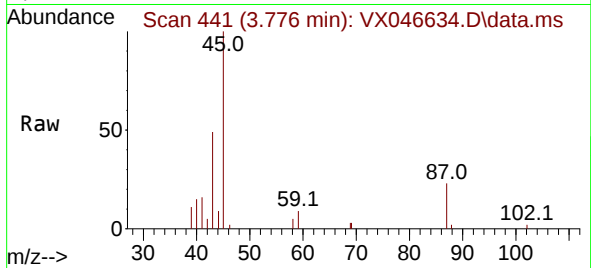
Tgt Ion: 58 Resp: 435179
Ion Ratio Lower Upper
58 100
43 339.7 290.6 435.8





#20
Diisopropyl ether
Concen: 2.861 ug/l m
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

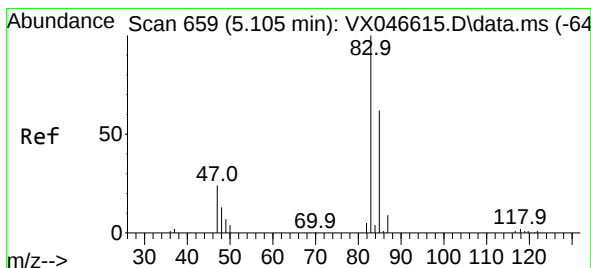
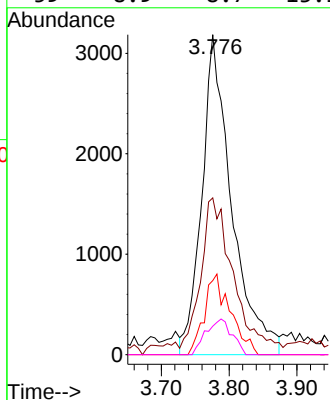
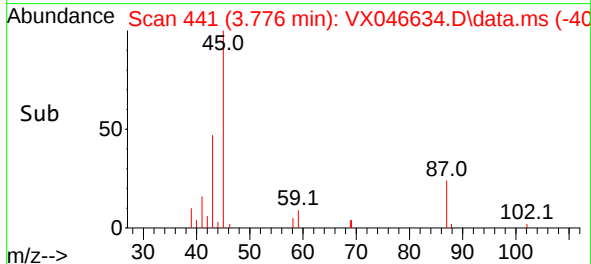
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



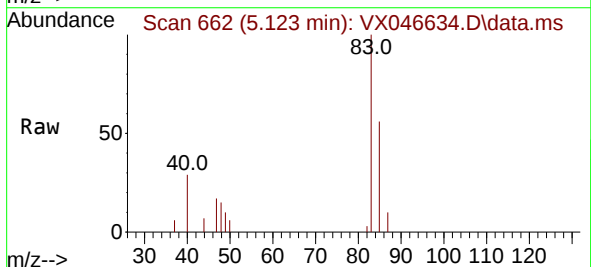
Tgt Ion: 45 Resp: 9730
Ion Ratio Lower Upper
45 100
43 49.0 83.2 124.8
87 23.1 20.2 30.4
59 8.9 8.7 13.1

Manual Integrations
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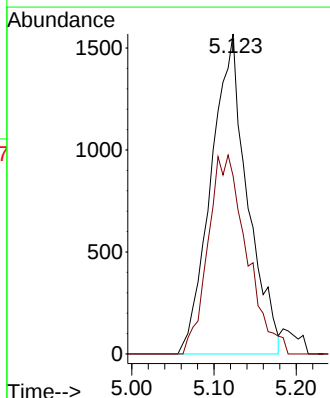
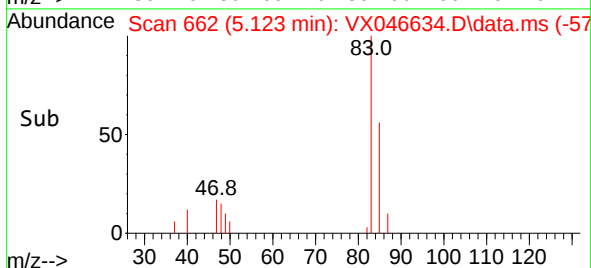
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

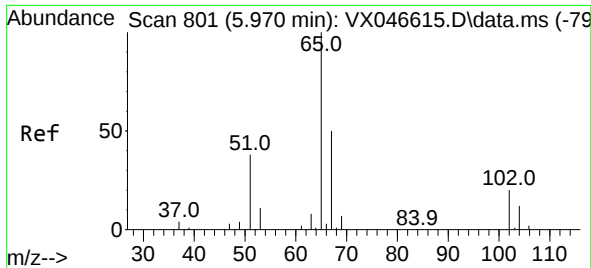


#25
Chloroform
Concen: 2.405 ug/l
RT: 5.123 min Scan# 662
Delta R.T. 0.018 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40



Tgt Ion: 83 Resp: 4822
Ion Ratio Lower Upper
83 100
85 55.6 49.8 74.6





#27

1,2-Dichloroethane-d4

Concen: 32.451 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046634.D

Acq: 11 Jun 2025 13:40

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

Tgt Ion: 65 Resp: 43589

Ion Ratio Lower Upper

65 100

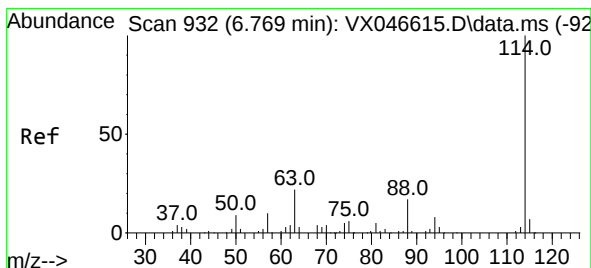
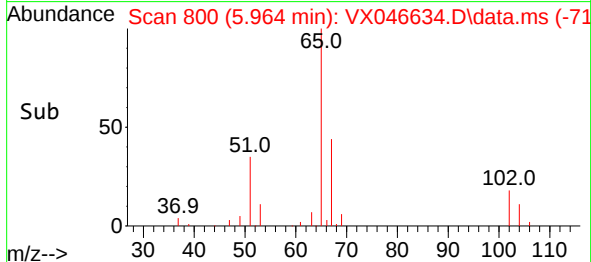
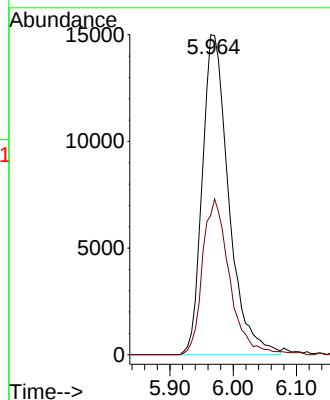
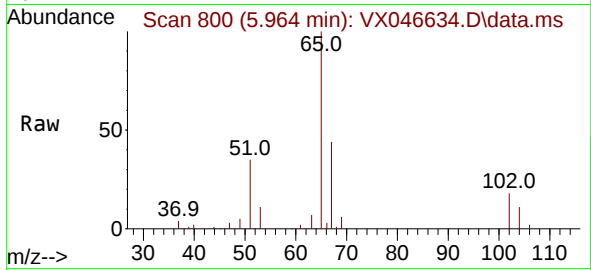
67 49.8 41.4 62.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/12/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046634.D

Acq: 11 Jun 2025 13:40

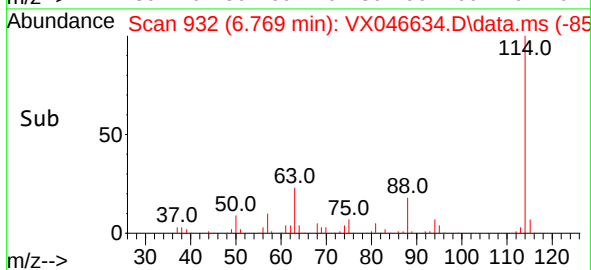
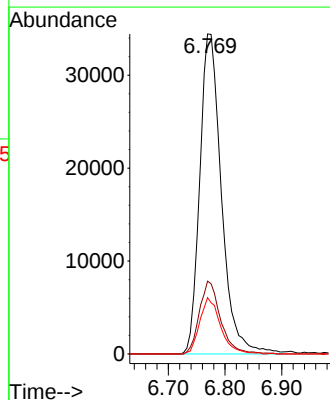
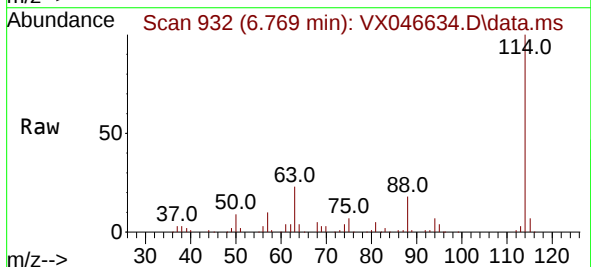
Tgt Ion:114 Resp: 91514

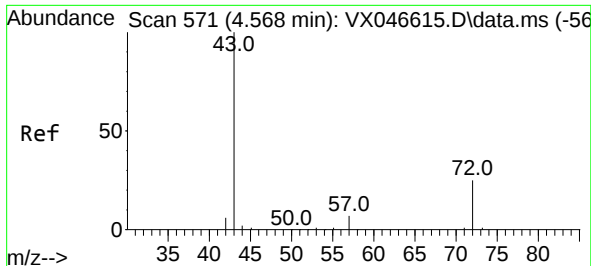
Ion Ratio Lower Upper

114 100

63 22.2 18.1 27.1

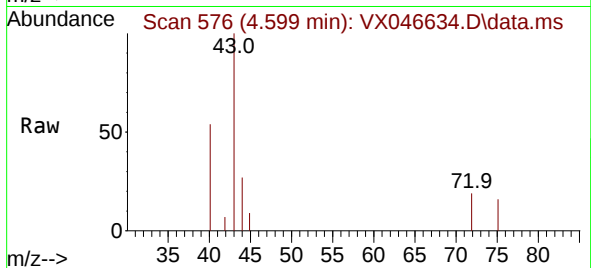
88 16.8 14.1 21.1





#30
2-Butanone
Concen: 5.487 ug/l m
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

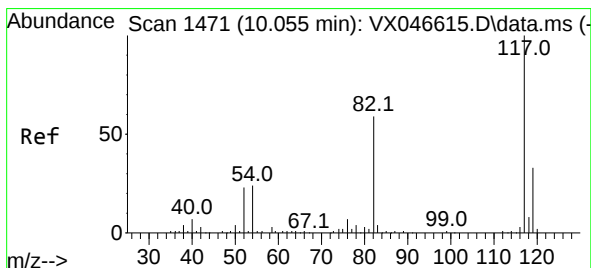
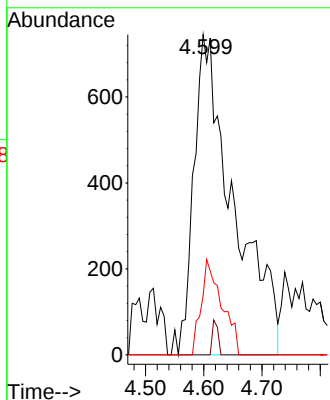
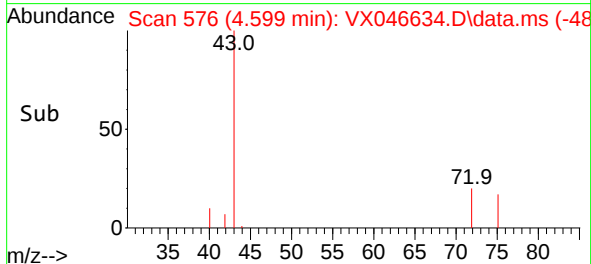
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
57 0.0 5.8 8.6
72 0.0 19.4 29.2

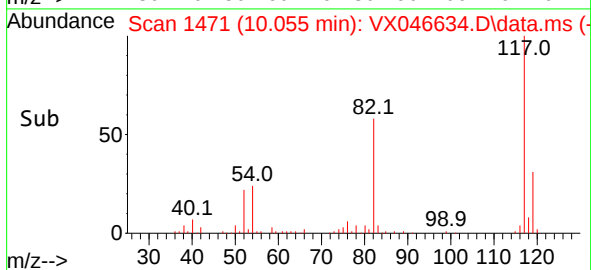
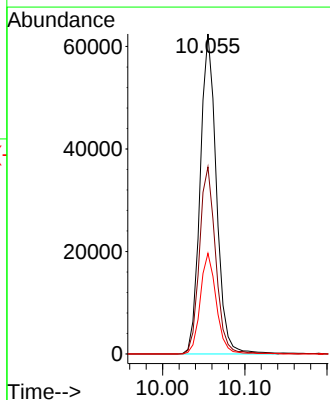
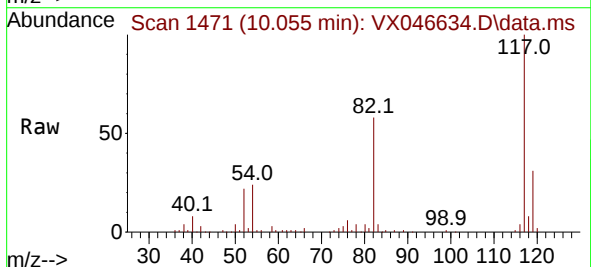
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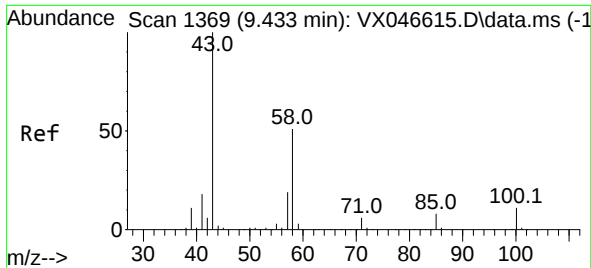
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

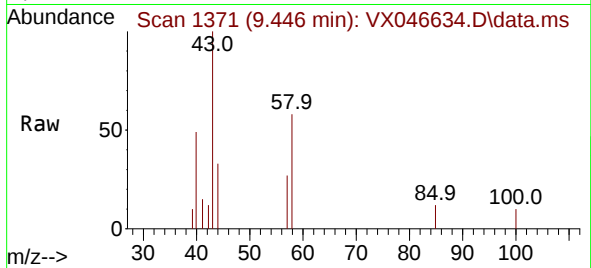
Tgt Ion:117 Resp: 85872
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 31.0 25.8 38.6





#59
2-Hexanone
Concen: 1.792 ug/l
RT: 9.446 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

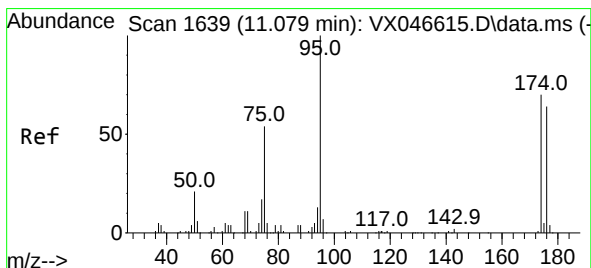
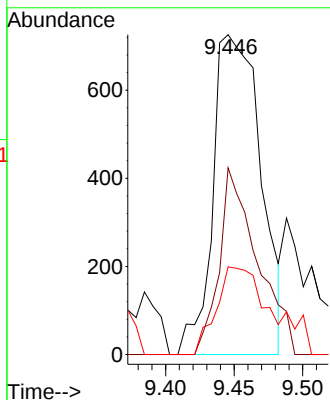
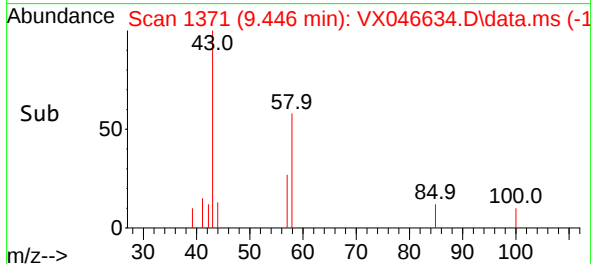
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
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58 46.5 39.8 59.8
57 30.1 14.5 21.7

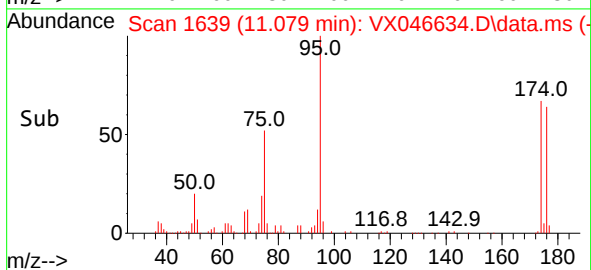
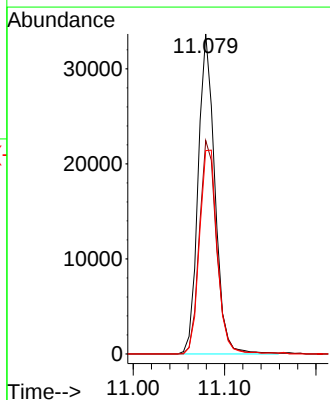
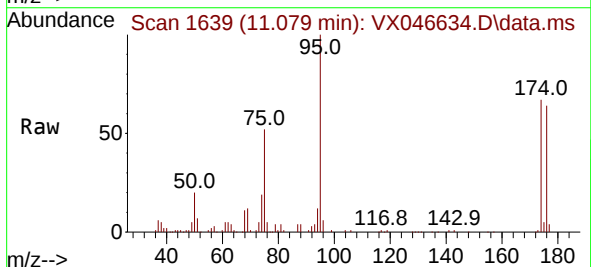
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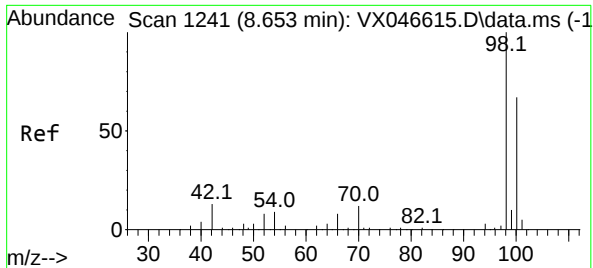
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#60
4-Bromofluorobenzene
Concen: 29.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

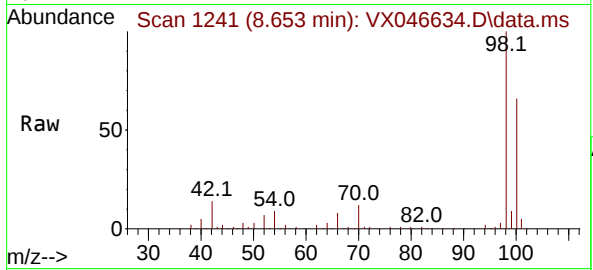
Tgt Ion: 95 Resp: 42732
Ion Ratio Lower Upper
95 100
174 69.0 56.0 84.0
176 67.3 52.2 78.4





#63
Toluene-d8
Concen: 29.005 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046634.D
Acq: 11 Jun 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW



Tgt Ion: 98 Resp: 111250
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0

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