

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031660.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1189-20
 Misc : 8.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 07:35:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 31 07:33:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	383896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	143753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	23758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	125983	20.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.640%		
7) Chloroethane-d5	2.893	69	105830	24.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.400%		
11) 1,1-Dichloroethene-d2	4.021	65	47983	17.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.600%		
21) 2-Butanone-d5	7.081	46	139173	143.719	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	287.440%#		
24) Chloroform-d	7.648	84	222002	22.345	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.360%		
26) 1,2-Dichloroethane-d4	8.301	65	144431	29.536	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.160%		
32) Benzene-d6	8.270	84	407162	45.091	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	180.360%#		
36) 1,2-Dichloropropane-d6	9.270	67	132750	49.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	199.160%#		
41) Toluene-d8	10.319	98	204312	25.065	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.240%		
43) trans-1,3-Dichloroprop...	10.575	79	37285	34.056	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	136.240%#		
47) 2-Hexanone-d5	10.922	63	71419	262.499	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	525.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47430	29.091	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	14458	17.351	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.400%#		
Target Compounds						
13) Acetone	4.149	43	283129m	379.895	ug/L	
15) Methyl Acetate	4.691	43	11760m	6.023	ug/L	
22) 2-Butanone	7.185	43	66480	52.229	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	2694m	2.183	ug/L	

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

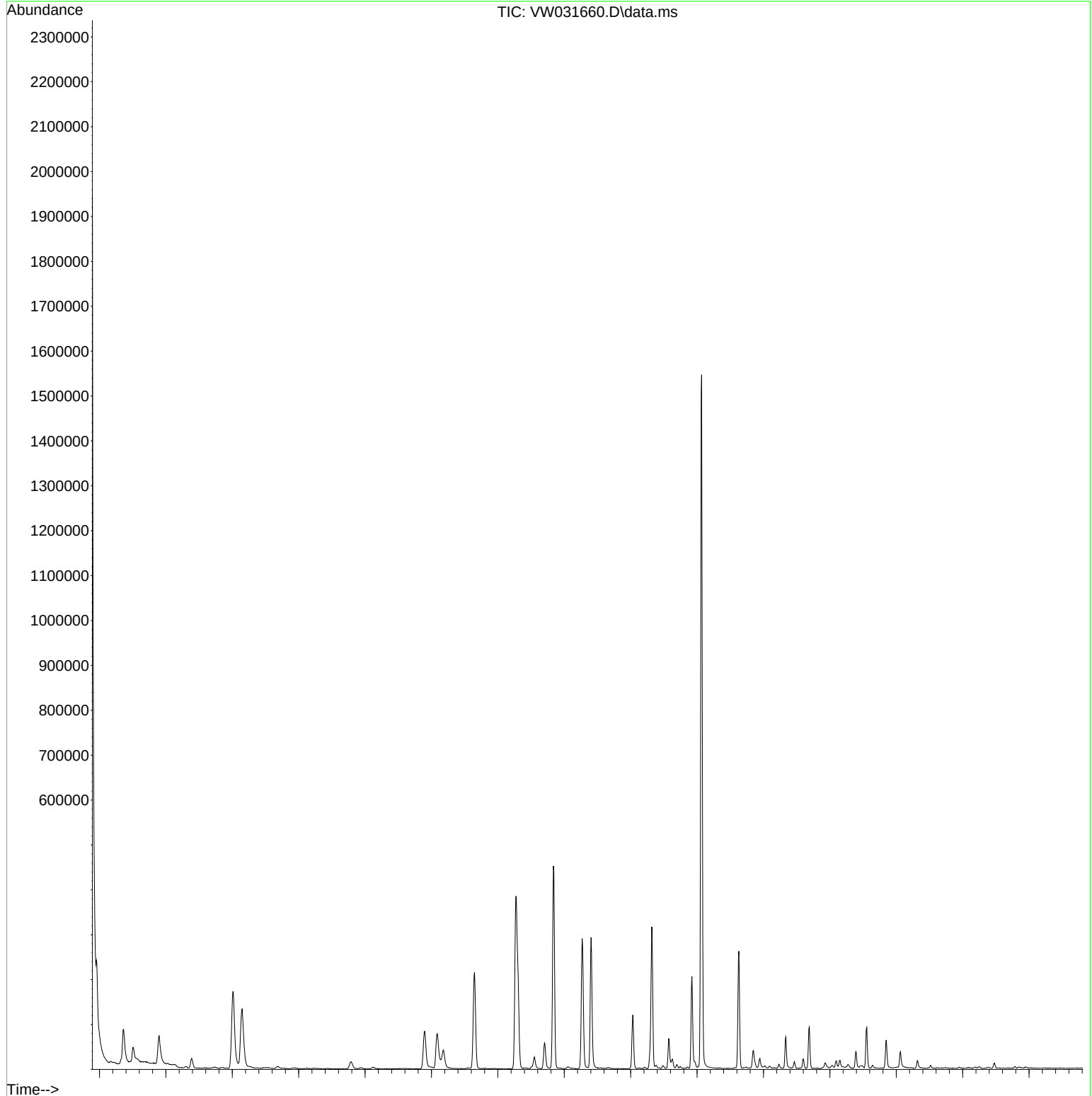
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
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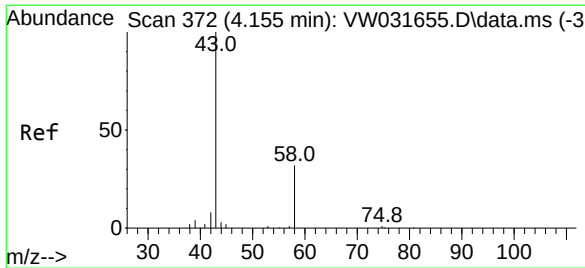
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Quant Title : SFAM01.0
QLast Update : Fri Jan 31 07:33:50 2025
Response via : Initial Calibration





#13

Acetone

Concen: 379.895 ug/L m

RT: 4.149 min Scan# 371

Delta R.T. -0.006 min

Lab File: VW031660.D

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Instrument :

MSVOA_W

ClientSampleId :

A44S1

Tgt Ion: 43 Resp: 283129

Ion Ratio Lower Upper

43 100

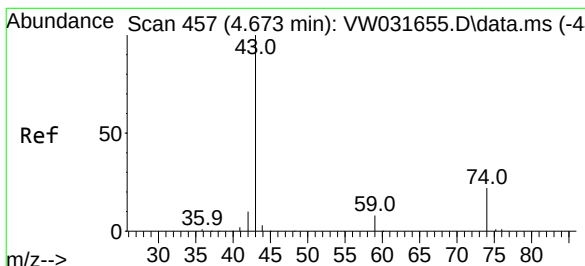
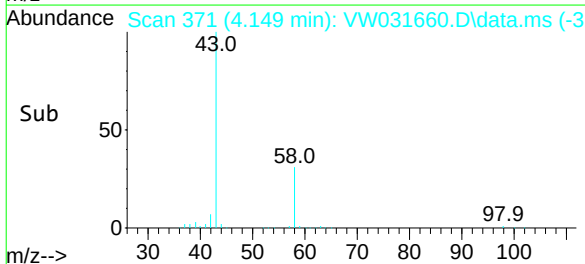
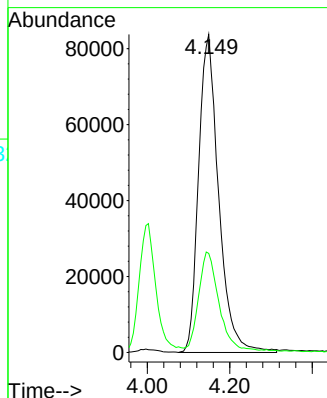
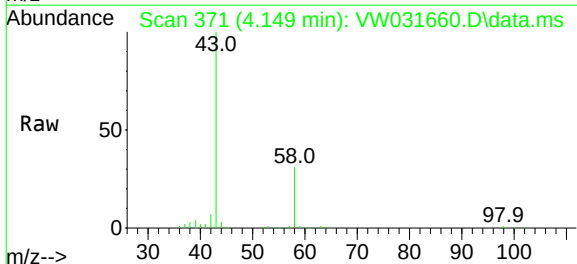
58 0.0 0.0 28.2

Manual Integrations

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#15

Methyl Acetate

Concen: 6.023 ug/L m

RT: 4.691 min Scan# 460

Delta R.T. 0.018 min

Lab File: VW031660.D

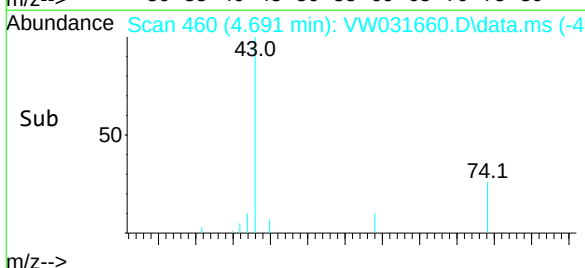
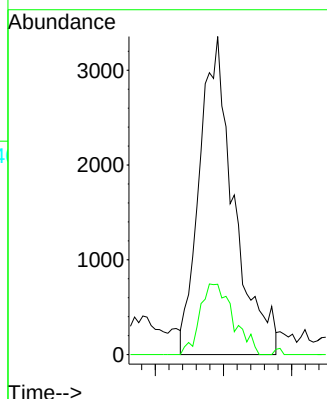
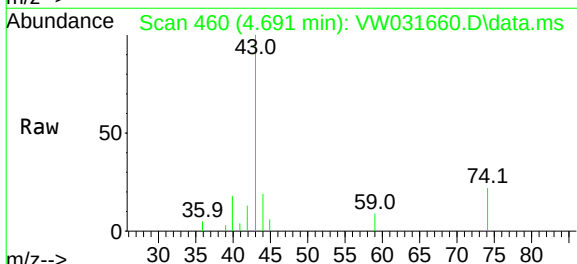
Acq: 30 Jan 2025 16:34

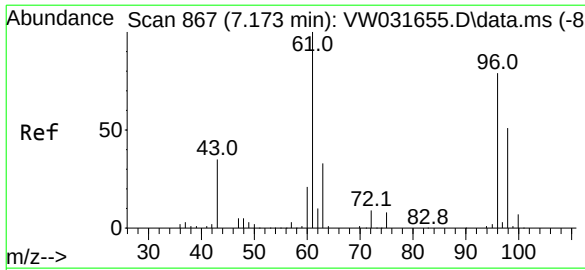
Tgt Ion: 43 Resp: 11760

Ion Ratio Lower Upper

43 100

74 13.2 10.6 15.8





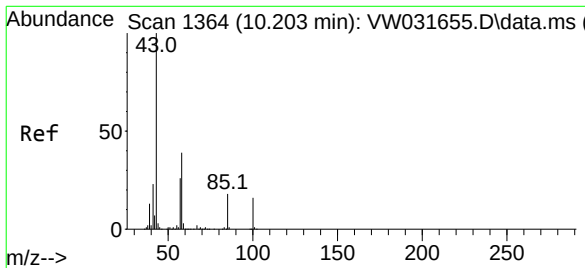
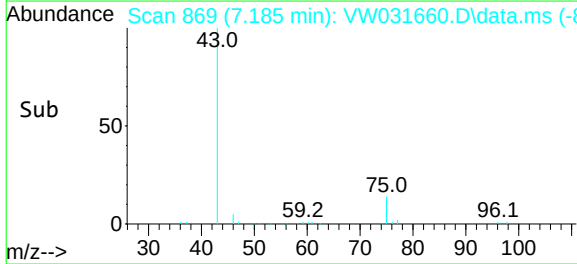
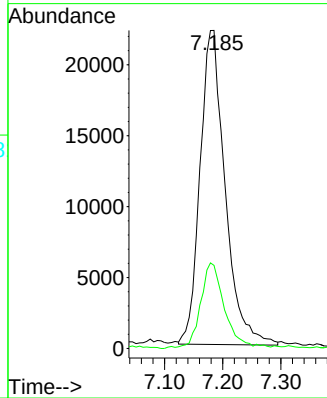
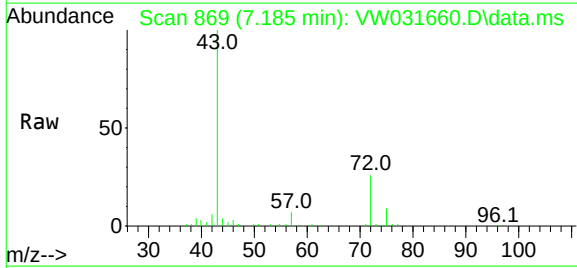
#22
2-Butanone
Concen: 52.229 ug/L
RT: 7.185 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW031660.D
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Tgt Ion: 43 Resp: 66480
Ion Ratio Lower Upper
43 100
72 24.9 13.2 39.5

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#40
4-Methyl-2-pentanone
Concen: 2.183 ug/L m
RT: 10.209 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 40.9 31.4 47.2
100 14.8 12.3 18.5

