

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090823\  
 Data File : VW027020.D  
 Acq On : 08 Sep 2023 13:04  
 Operator : SY/MD  
 Sample : 04332-02  
 Misc : 2.25g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 C0AC0

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Semsettin Yesilyurt 09/11/2023  
 Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 03:00:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.843	114	638605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	485082	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127441	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.369	65	131104	11.491	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	45.960%		
7) Chloroethane-d5	2.887	69	141434	15.360	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	61.440%		
11) 1,1-Dichloroethene-d2	4.027	65	43055	10.240	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	40.960%#		
21) 2-Butanone-d5	7.081	46	41158	18.722	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	37.440%		
24) Chloroform-d	7.648	84	331616m	17.451	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	69.800%		
26) 1,2-Dichloroethane-d4	8.307	65	182248	18.246	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	73.000%		
32) Benzene-d6	8.276	84	596072	18.734	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	74.920%		
36) 1,2-Dichloropropane-d6	9.270	67	211450	22.637	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	90.560%		
41) Toluene-d8	10.318	98	422505	14.667	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	58.680%		
43) trans-1,3-Dichloroprop...	10.575	79	3557	0.981	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	3.920%#		
47) 2-Hexanone-d5	10.928	63	917	1.052	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	2.100%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152728	21.069	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	84.280%		
66) 1,2-Dichlorobenzene-d4	13.848	152	79172	17.962	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	71.840%#		
<b>Target Compounds</b>						
13) Acetone	4.118	43	187250	97.280	ug/L	99
15) Methyl Acetate	4.673	43	20667	5.164	ug/L #	89
16) Methylene chloride	4.923	84	32160	2.599	ug/L	95
22) 2-Butanone	7.179	43	20101	6.490	ug/L	97

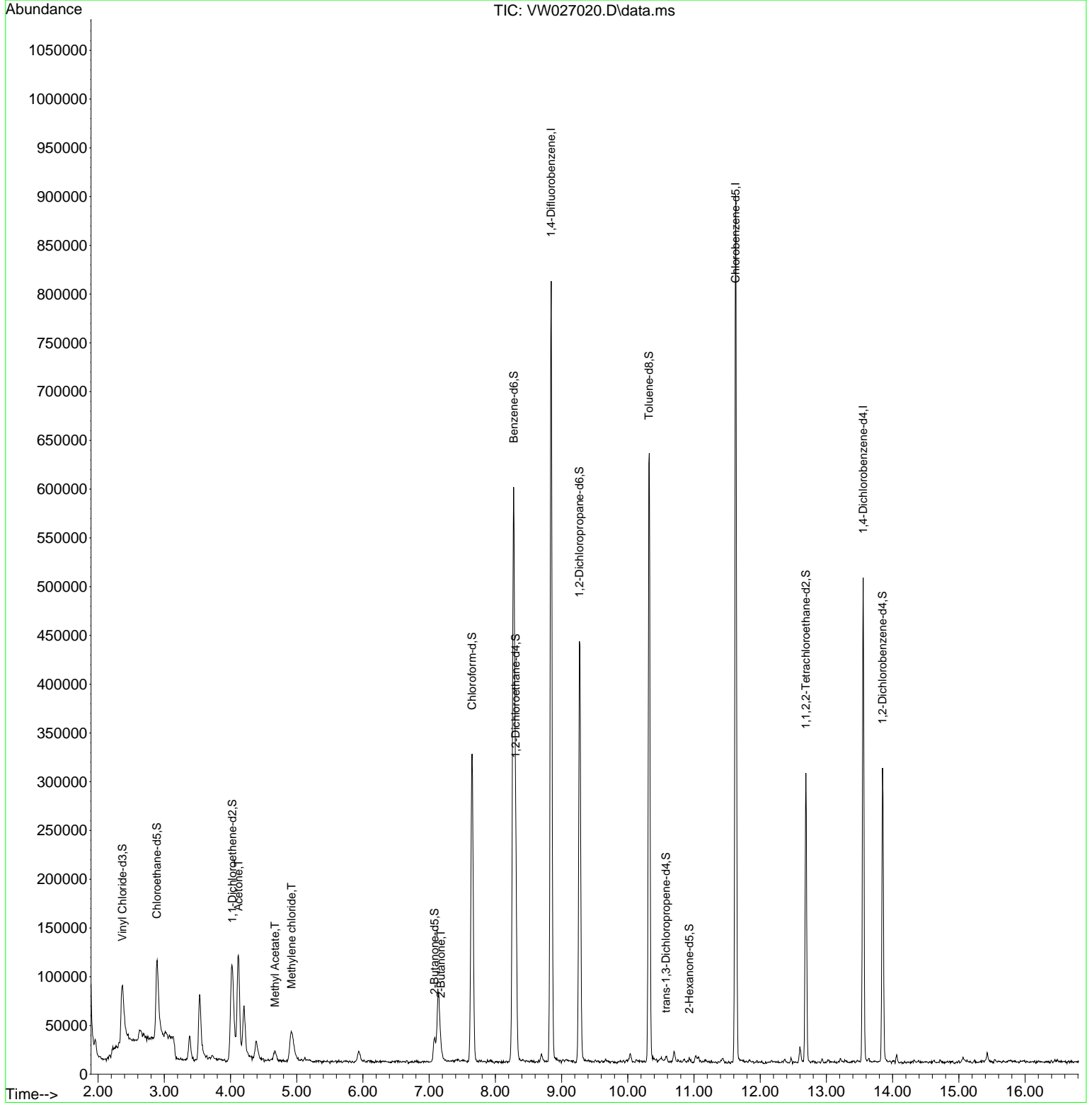
(#) = qualifier out of range (m) = manual integration (+) = signals summed

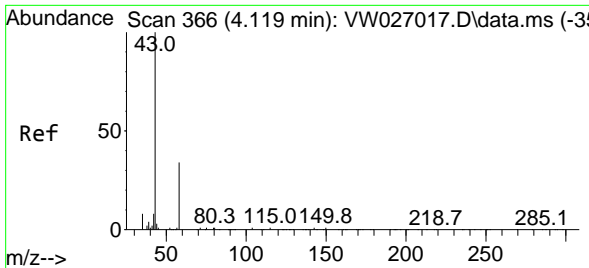
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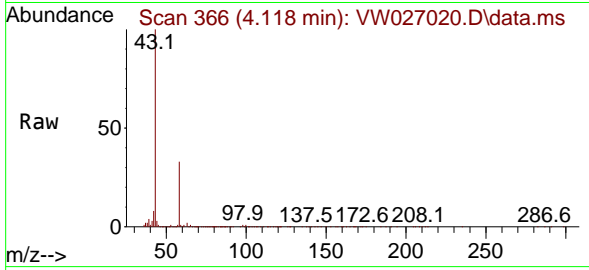
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#13  
 Acetone  
 Concen: 97.280 ug/L  
 RT: 4.118 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: VW027020.D  
 Acq: 08 Sep 2023 13:04

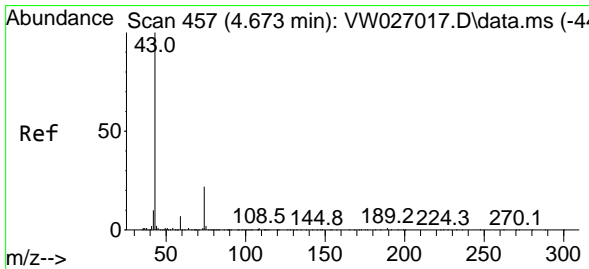
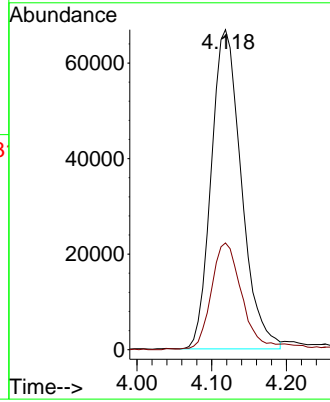
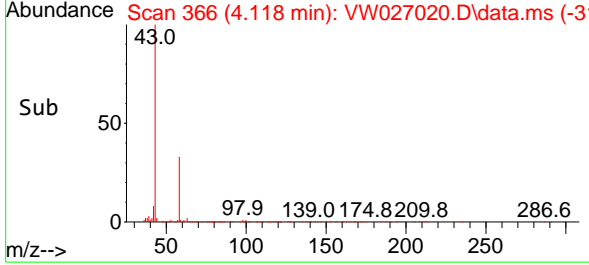
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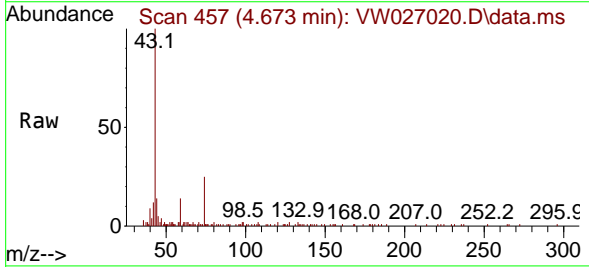
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 Ion Ratio Lower Upper  
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 58 32.9 0.0 66.4

Manual Integrations  
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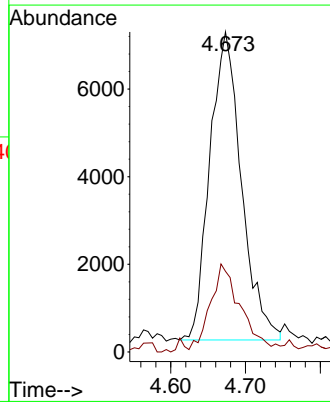
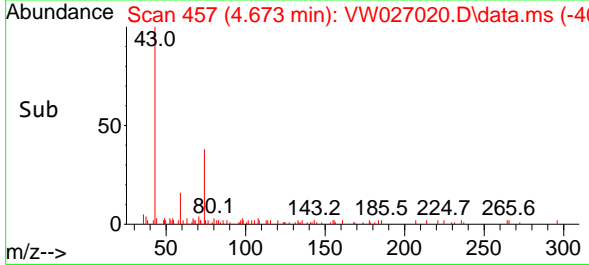
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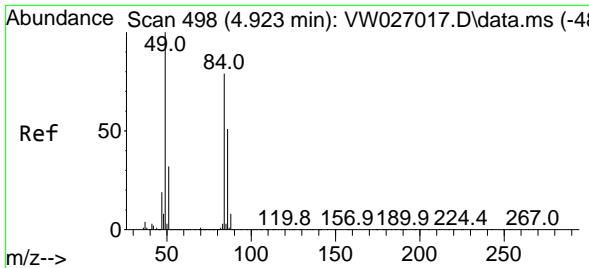


#15  
 Methyl Acetate  
 Concen: 5.164 ug/L  
 RT: 4.673 min Scan# 457  
 Delta R.T. -0.000 min  
 Lab File: VW027020.D  
 Acq: 08 Sep 2023 13:04



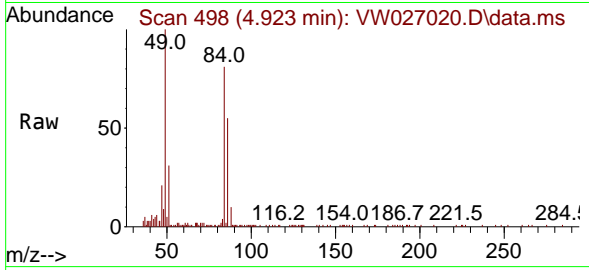
Tgt Ion: 43 Resp: 20667  
 Ion Ratio Lower Upper  
 43 100  
 74 25.8 0.1 0.1#





#16  
 Methylene chloride  
 Concen: 2.599 ug/L  
 RT: 4.923 min Scan# 498  
 Delta R.T. -0.000 min  
 Lab File: VW027020.D  
 Acq: 08 Sep 2023 13:04

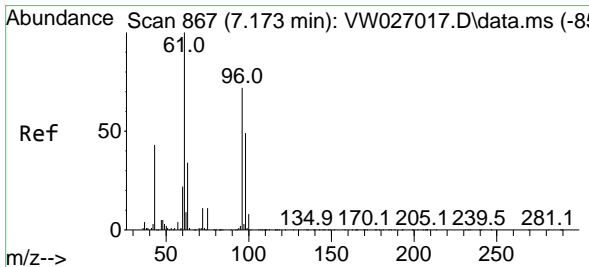
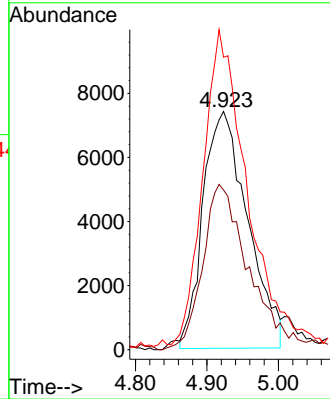
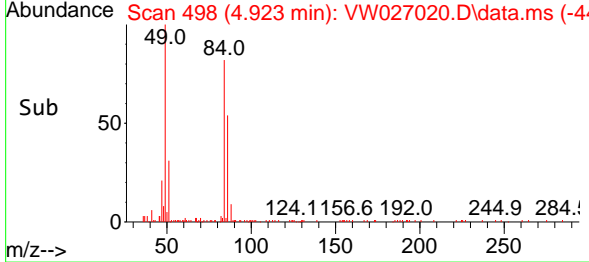
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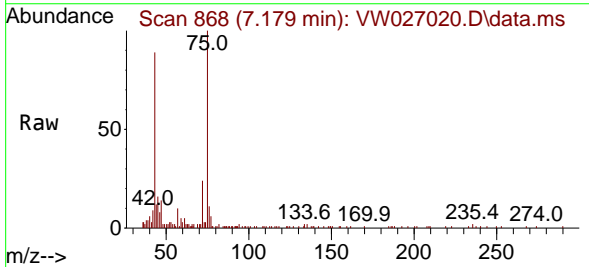
Tgt Ion: 84 Resp: 32160  
 Ion Ratio Lower Upper  
 84 100  
 86 67.1 44.1 81.9  
 49 122.8 82.1 152.5

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#22  
 2-Butanone  
 Concen: 6.490 ug/L  
 RT: 7.179 min Scan# 868  
 Delta R.T. 0.006 min  
 Lab File: VW027020.D  
 Acq: 08 Sep 2023 13:04



Tgt Ion: 43 Resp: 20101  
 Ion Ratio Lower Upper  
 43 100  
 72 27.1 14.4 43.0

