

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024386.D  
 Acq On : 27 Aug 2022 07:47  
 Operator : SY/VA  
 Sample : N4345-13  
 Misc : 5.69g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 DBVT1

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 00:58:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 29 00:57:06 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.842	114	202494	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86609	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.343	65	105482	18.897	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	75.600%		
7) Chloroethane-d5	2.873	69	86332	20.642	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	82.560%		
11) 1,1-Dichloroethene-d2	4.007	63	66353	13.706	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	54.840%		
21) 2-Butanone-d5	7.080	46	31322	30.465	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	60.940%		
24) Chloroform-d	7.647	84	106620	16.378	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	65.520%		
26) 1,2-Dichloroethane-d4	8.305	65	65953m	16.706	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	66.840%#		
32) Benzene-d6	8.275	84	210738	18.422	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	73.680%		
36) 1,2-Dichloropropane-d6	9.274	67	65035	18.281	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	73.120%		
41) Toluene-d8	10.323	98	199592	18.351	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	73.400%		
43) trans-1,3-Dichloroprop...	10.579	79	20841	12.518	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	50.080%		
47) 2-Hexanone-d5	10.921	63	20344	25.554	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	51.100%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	61492	15.267	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	61.080%		
66) 1,2-Dichlorobenzene-d4	13.853	152	59120	18.127	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	72.520%#		
<b>Target Compounds</b>						
13) Acetone	4.123	43	5874m	9.574	ug/L	
16) Methylene chloride	4.915	84	13560m	3.993	ug/L	
46) Tetrachloroethene	10.860	164	332447	130.657	ug/L	93

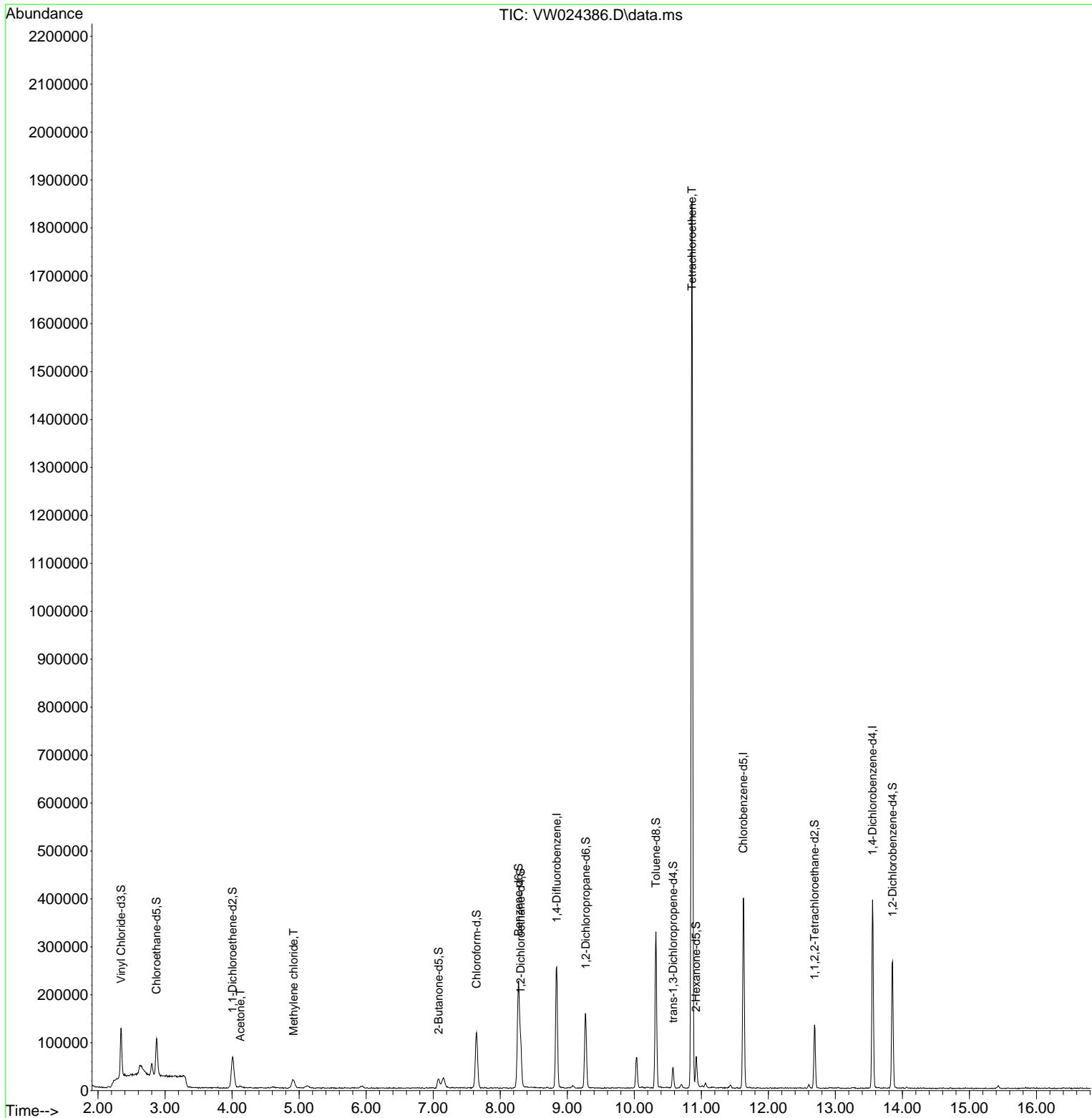
(#) = qualifier out of range (m) = manual integration (+) = signals summed

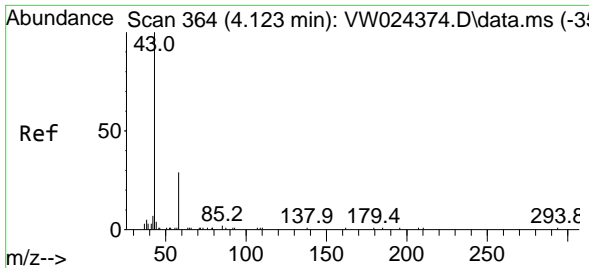
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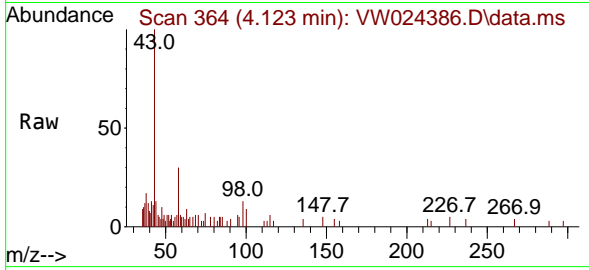
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Semsettin Yesilyurt 08/30/2022  
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#13  
 Acetone  
 Concen: 9.574 ug/L m  
 RT: 4.123 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: VW024386.D  
 Acq: 27 Aug 2022 07:47

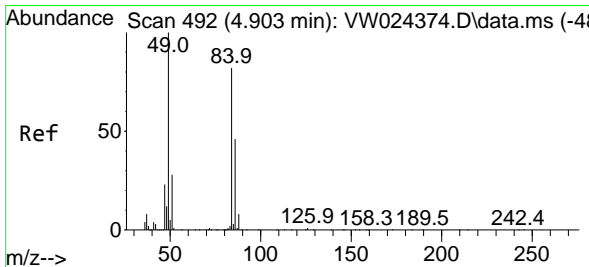
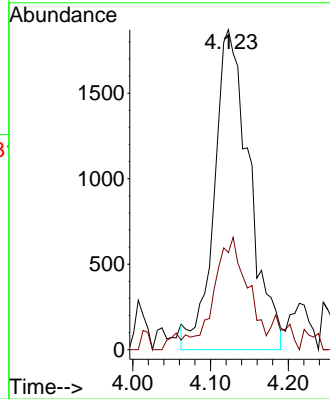
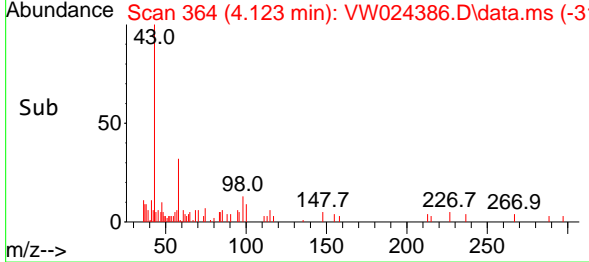
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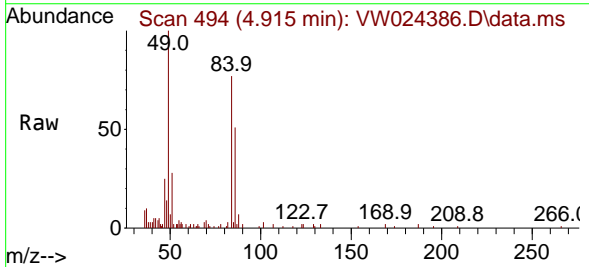
Tgt Ion: 43 Resp: 5874  
 Ion Ratio Lower Upper  
 43 100  
 58 32.4 0.0 58.4

Manual Integrations  
**APPROVED**

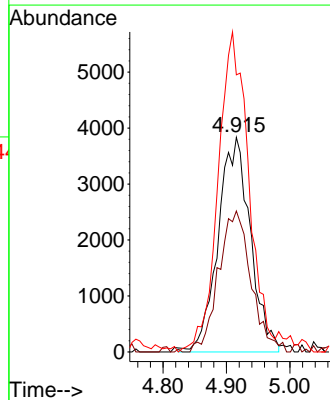
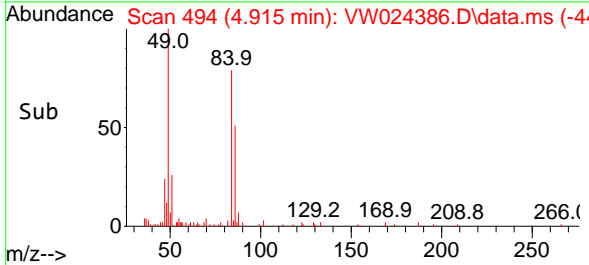
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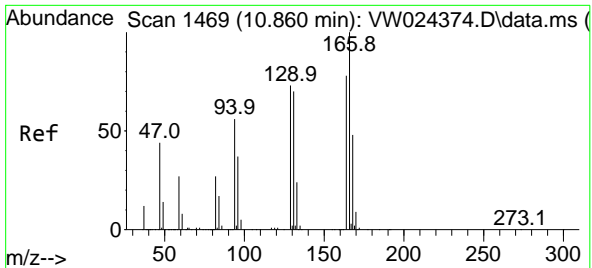


#16  
 Methylene chloride  
 Concen: 3.993 ug/L m  
 RT: 4.915 min Scan# 494  
 Delta R.T. 0.012 min  
 Lab File: VW024386.D  
 Acq: 27 Aug 2022 07:47



Tgt Ion: 84 Resp: 13560  
 Ion Ratio Lower Upper  
 84 100  
 86 65.7 47.7 88.7  
 49 129.2 96.6 179.4





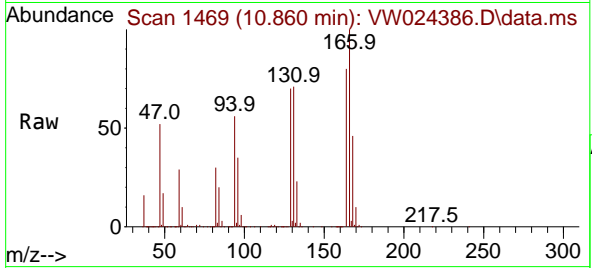
#46  
 Tetrachloroethene  
 Concen: 130.657 ug/L  
 RT: 10.860 min Scan# 1469  
 Delta R.T. 0.000 min  
 Lab File: VW024386.D  
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Tgt Ion:164 Resp: 33244

Ion	Ratio	Lower	Upper
164	100		
129	88.0	72.9	135.3
131	88.7	63.7	118.3
166	125.2	86.2	160.0

Manual Integrations

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