

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
 Data File : VU048373.D  
 Acq On : 02 May 2022 17:07  
 Operator : SY/MD  
 Sample : N2603-06ME  
 Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 EW487ME

Quant Time: May 03 04:15:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 03 04:11:15 2022  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 05/06/2022  
 Supervised By :Semsettin Yesilyurt 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	6.247	114	464116	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	470653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	234500	50.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.597	65	107031m	25.078	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	50.160%#	
7) Chloroethane-d5	1.874	69	45025m	15.029	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	30.060%#	
11) 1,1-Dichloroethene-d2	2.527	63	148916	21.777	ug/L	-0.04
Spiked Amount	50.000	Range 60 - 125	Recovery	=	43.560%#	
21) 2-Butanone-d5	4.642	46	308376	84.716	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.720%	
24) Chloroform-d	5.063	84	284282	36.723	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	73.440%	
26) 1,2-Dichloroethane-d4	5.703	65	190302	41.432	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.860%	
32) Benzene-d6	5.719	84	578089	38.945	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.880%	
36) 1,2-Dichloropropane-d6	6.690	67	201293	41.018	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.040%	
41) Toluene-d8	7.899	98	524438	38.977	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.960%#	
43) trans-1,3-Dichloroprop...	8.185	79	89285	41.232	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.460%	
47) 2-Hexanone-d5	8.665	63	228373	86.255	ug/L	0.03
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.250%	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	342457	39.790	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	79.580%	
66) 1,2-Dichlorobenzene-d4	12.198	152	233062	44.181	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.360%	
<b>Target Compounds</b>						
22) 2-Butanone	4.726	43	37296	10.793	ug/L	95

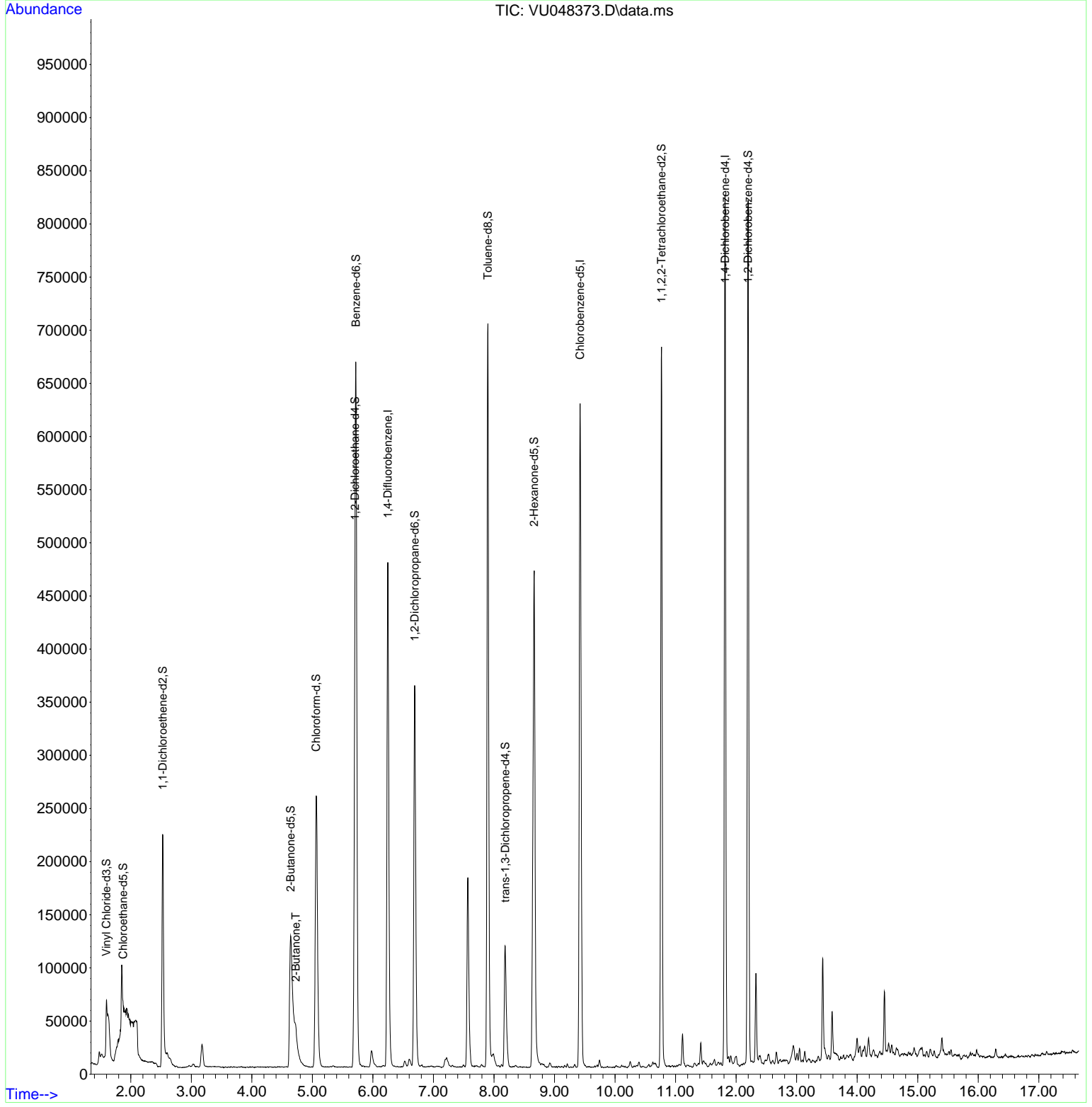
(#) = qualifier out of range (m) = manual integration (+) = signals summed

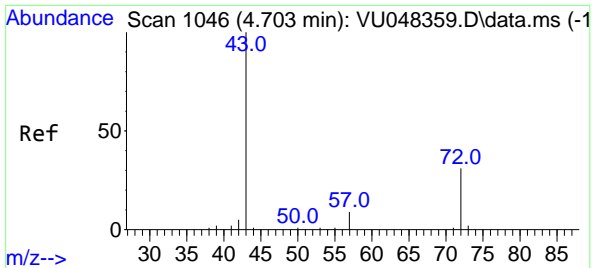
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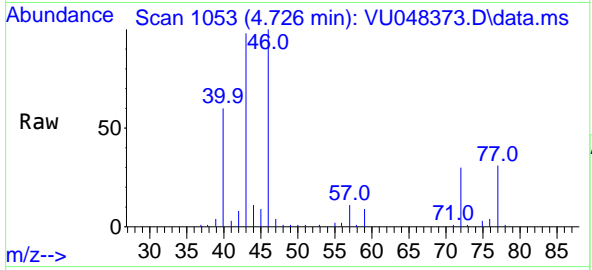
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**APPROVED**  
 Reviewed By :John Carlone 05/06/2022  
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#22  
 2-Butanone  
 Concen: 10.793 ug/L  
 RT: 4.726 min Scan# 10  
 Delta R.T. 0.022 min  
 Lab File: VU048373.D  
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Tgt Ion: 43 Resp: 37290

Ion	Ratio	Lower	Upper
43	100		
72	26.6	14.6	43.8

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