

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050522\  
 Data File : VU048445.D  
 Acq On : 05 May 2022 18:21  
 Operator : SY/MD  
 Sample : N2699-09ME  
 Misc : 4.34g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 BGBR2ME

**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 05/06/2022  
 Supervised By :Mahesh Dadoda 05/06/2022

Quant Time: May 06 05:41:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 06 05:30:23 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	6.247	114	367602	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	369124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	179556	50.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.597	65	113958	33.712	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	67.420%		
7) Chloroethane-d5	1.870	69	46471m	19.585	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery =	39.160%#		
11) 1,1-Dichloroethene-d2	2.530	63	137546	25.395	ug/L	-0.04
Spiked Amount	50.000	Range 60 - 125	Recovery =	50.780%#		
21) 2-Butanone-d5	4.639	46	214367	74.352	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	74.350%		
24) Chloroform-d	5.063	84	216737	35.349	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	70.700%		
26) 1,2-Dichloroethane-d4	5.700	65	135051	37.123	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	74.240%		
32) Benzene-d6	5.719	84	478188	41.076	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	82.160%		
36) 1,2-Dichloropropane-d6	6.690	67	157245	40.856	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	81.720%		
41) Toluene-d8	7.896	98	418780	39.686	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	79.380%#		
43) trans-1,3-Dichloroprop...	8.182	79	63856	37.600	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	75.200%		
47) 2-Hexanone-d5	8.658	63	162452	78.234	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery =	78.230%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	248533	36.819	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	73.640%		
66) 1,2-Dichlorobenzene-d4	12.198	152	173065	42.847	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	85.700%		
<b>Target Compounds</b>						
22) 2-Butanone	4.722	43	30494	11.141	ug/L	98

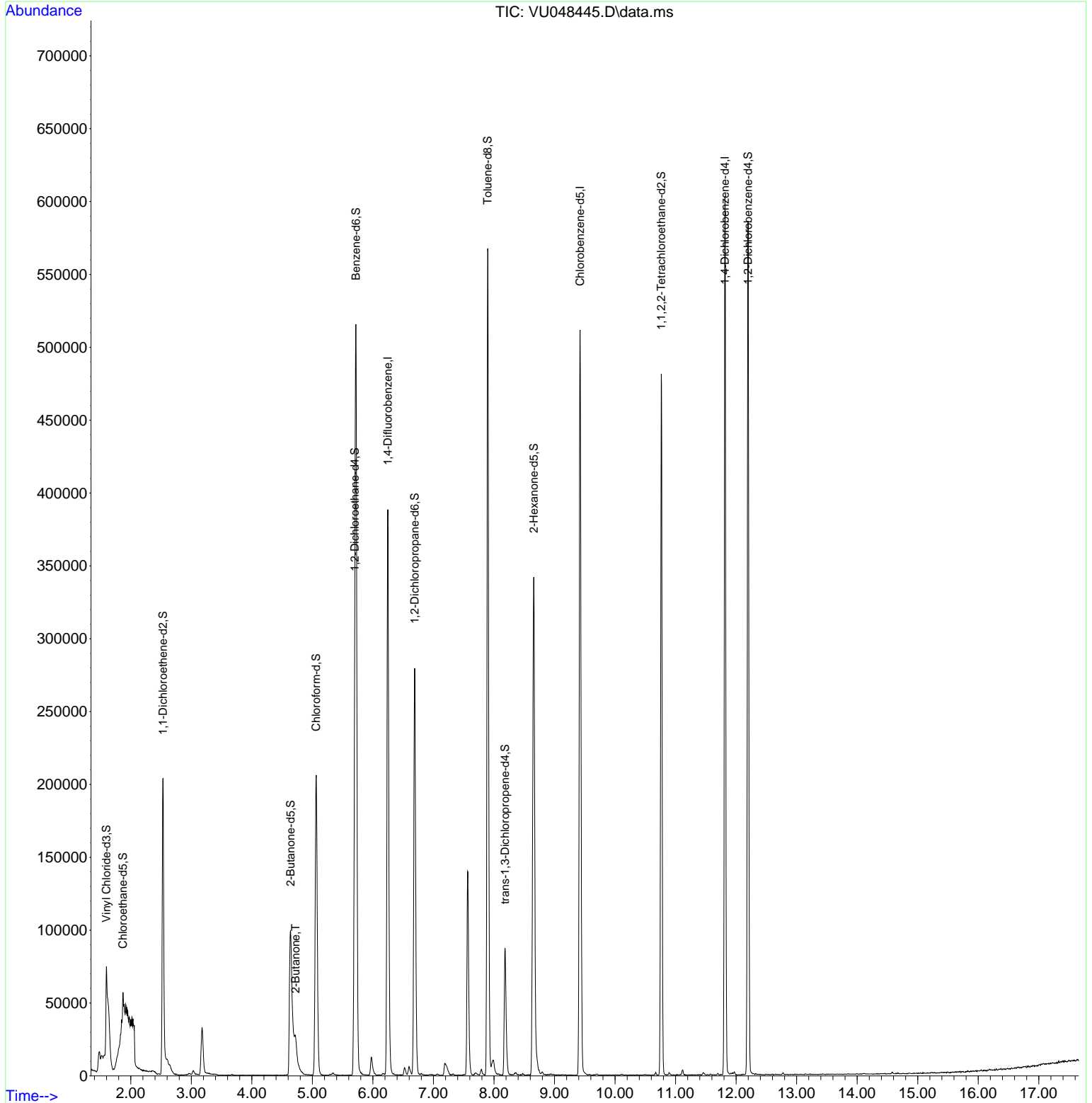
(#) = qualifier out of range (m) = manual integration (+) = signals summed

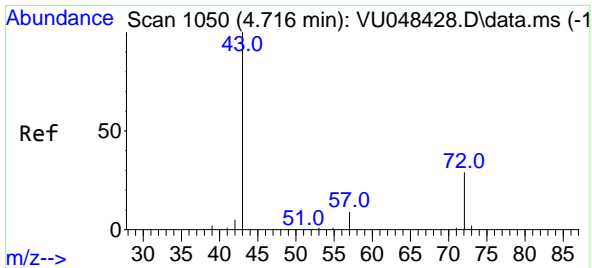
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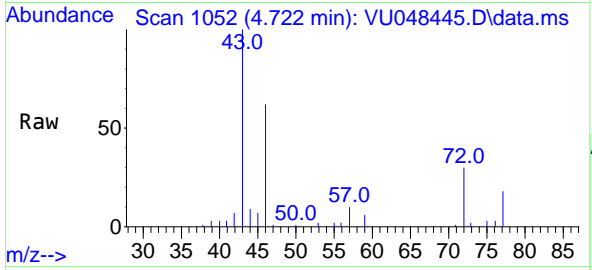
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#22  
 2-Butanone  
 Concen: 11.141 ug/L  
 RT: 4.722 min Scan# 10  
 Delta R.T. 0.006 min  
 Lab File: VU048445.D  
 Acq: 05 May 2022 18:21

Instrument :  
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Tgt Ion: 43 Resp: 30494  
 Ion Ratio Lower Upper  
 43 100  
 72 30.4 14.6 43.8

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