

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046331.D
 Acq On : 13 Dec 2021 21:12
 Operator : SY/MD
 Sample : M5023-01ME
 Misc : 6.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKX7ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 14 03:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	174978	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	181017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	86509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58114	40.318	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.640%		
7) Chloroethane-d5	1.916	69	37192	33.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.220%#		
11) 1,1-Dichloroethene-d2	2.546	63	69613	26.903	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.800%#		
21) 2-Butanone-d5	4.661	46	81287	70.942	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.940%		
24) Chloroform-d	5.063	84	98510	40.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.860%		
26) 1,2-Dichloroethane-d4	5.703	65	69319	42.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
32) Benzene-d6	5.726	84	205177	39.546	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.100%		
36) 1,2-Dichloropropane-d6	6.690	67	64148	39.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.780%		
41) Toluene-d8	7.899	98	179448	37.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.980%#		
43) trans-1,3-Dichloroprop...	8.185	79	30689	39.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
47) 2-Hexanone-d5	8.684	63	57397	75.287	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.290%		
56) 1,1,2,2-Tetrachloroeth...	10.770	84	94082	38.582	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.160%		
66) 1,2-Dichlorobenzene-d4	12.201	152	66778	40.083	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.160%		
Target Compounds					Qvalue	
22) 2-Butanone	4.745	43	13373m	8.578	ug/L	

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

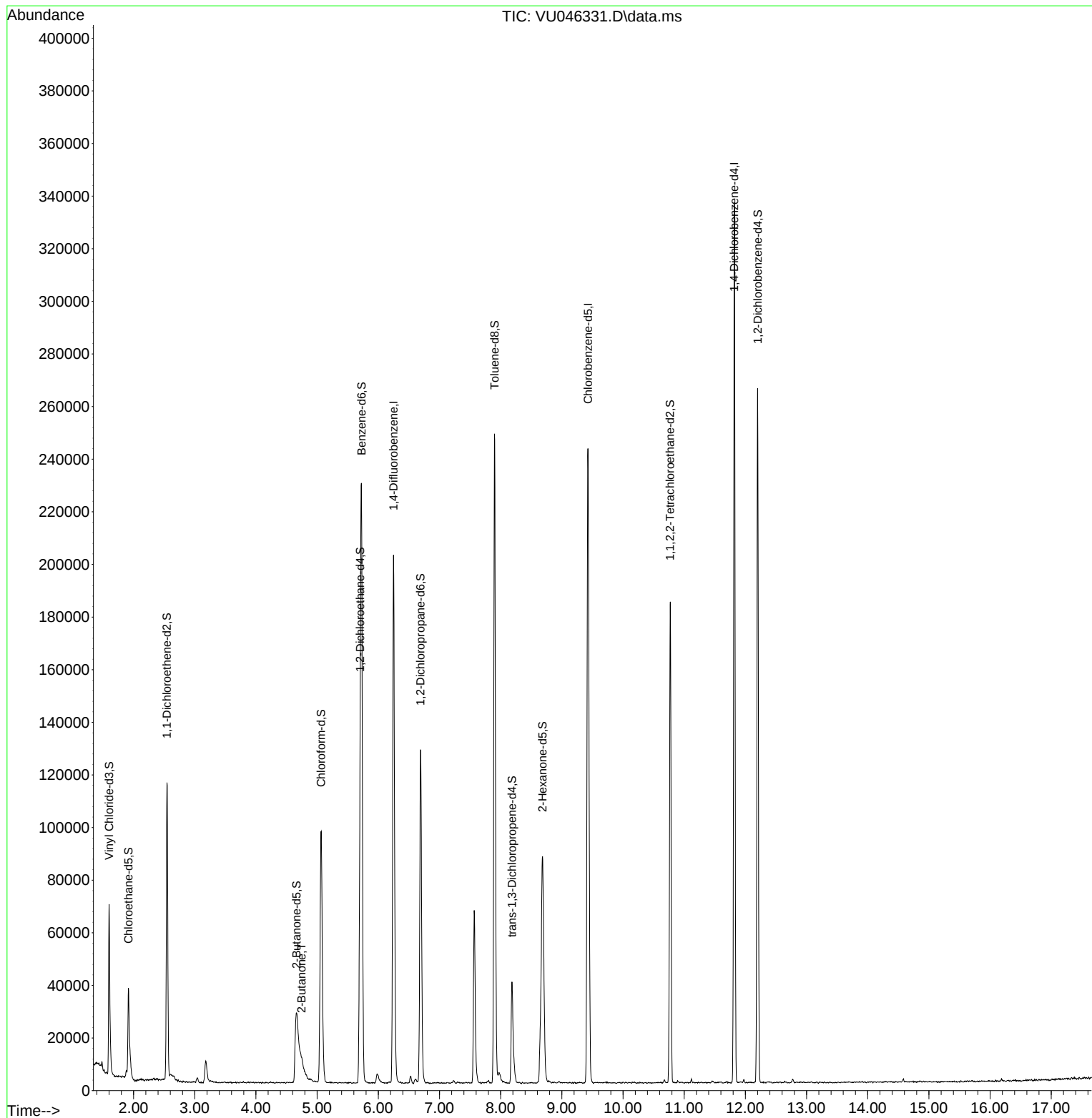
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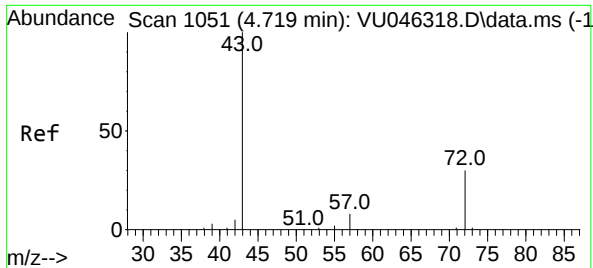
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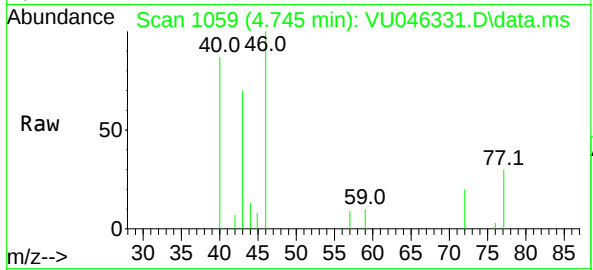
Reviewed By :John Carlone 12/14/2021
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#22
2-Butanone
Concen: 8.578 ug/L m
RT: 4.745 min Scan# 1059
Delta R.T. 0.026 min
Lab File: VU046331.D
Acq: 13 Dec 2021 21:12

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
72 8.3 14.5 43.6

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