Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
Data File : VU048429.D
Acq On : 05 May 2022 10:32
Operator : SY/MD
Sample : VU0505MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK115

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

Quant Time: May 06 06:56:13 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)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352975	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167075	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	156769	48.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.600%			
7) Chloroethane-d5	1.896	69	113452	49.795	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.580%			
11) 1,1-Dichloroethene-d2	2.565	63	187850	36.119	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.240%			
21) 2-Butanone-d5	4.620	46	258094	93.228	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.230%			
24) Chloroform-d	5.063	84	263193	44.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.700	65	159427	45.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.280%			
32) Benzene-d6	5.726	84	582463	51.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.660%			
36) 1,2-Dichloropropane-d6	6.690	67	186678	50.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.500%			
41) Toluene-d8	7.899	98	501619	49.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.500%			
43) trans-1,3-Dichloroprop...	8.179	79	74607	45.511	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.020%			
47) 2-Hexanone-d5	8.636	63	183494	91.546	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.550%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	297028	45.587	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.180%			
66) 1,2-Dichlorobenzene-d4	12.195	152	201032	53.489	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.980%			
Target Compounds						Qvalue
22) 2-Butanone	4.716	43	3331m	1.267	ug/L	

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

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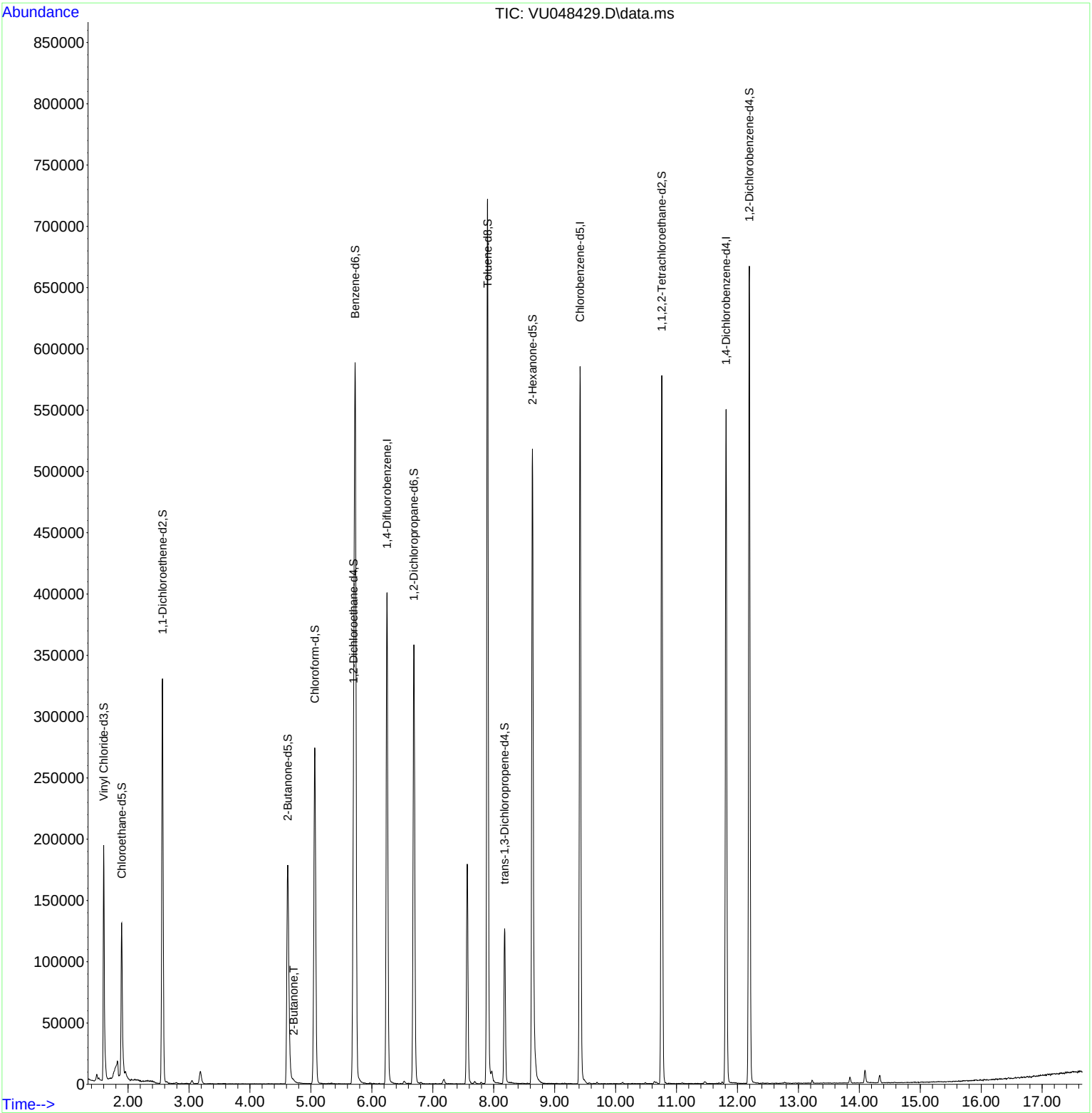
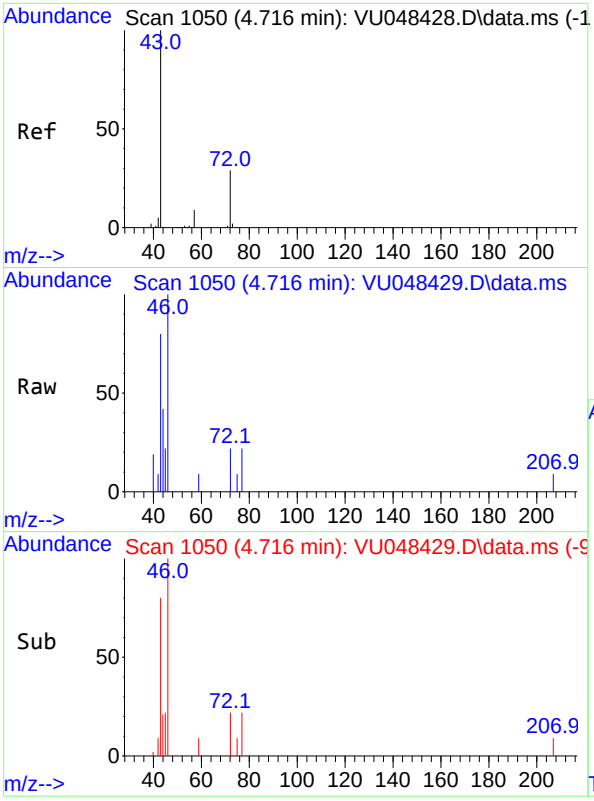
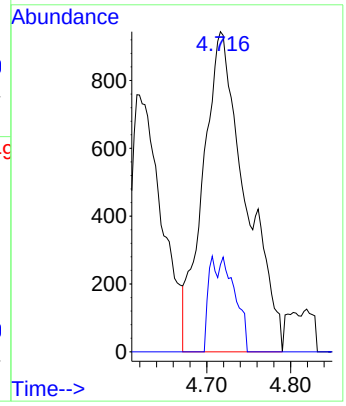




#22
2-Butanone
Concen: 1.267 ug/L m
RT: 4.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048429.D
Acq: 05 May 2022 10:32

Tgt Ion: 43 Resp: 333

Ion	Ratio	Lower	Upper
43	100		
72	6.1	14.6	43.8#



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