

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046329.D
 Acq On : 13 Dec 2021 20:28
 Operator : SY/MD
 Sample : M5062-15ME
 Misc : 6.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL15ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 03:54:31 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	184312	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	189653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	91034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59546	39.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.440%		
7) Chloroethane-d5	1.916	69	38851	33.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.660%#		
11) 1,1-Dichloroethene-d2	2.546	63	73892	27.111	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.220%#		
21) 2-Butanone-d5	4.658	46	79512	65.878	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	65.880%		
24) Chloroform-d	5.064	84	97782	38.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.140%		
26) 1,2-Dichloroethane-d4	5.703	65	72084	42.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.720%		
32) Benzene-d6	5.723	84	209670	38.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.140%		
36) 1,2-Dichloropropane-d6	6.690	67	66287	39.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.700%		
41) Toluene-d8	7.899	98	186140	37.610	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.220%#		
43) trans-1,3-Dichloroprop...	8.186	79	31528	38.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.540%		
47) 2-Hexanone-d5	8.681	63	60568	75.828	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.830%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	96533	37.784	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.560%		
66) 1,2-Dichlorobenzene-d4	12.201	152	68365	38.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.000%#		
Target Compounds					Qvalue	
22) 2-Butanone	4.739	43	12774m	7.779	ug/L	
46) Tetrachloroethene	8.555	164	1317	1.185	ug/L	93

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

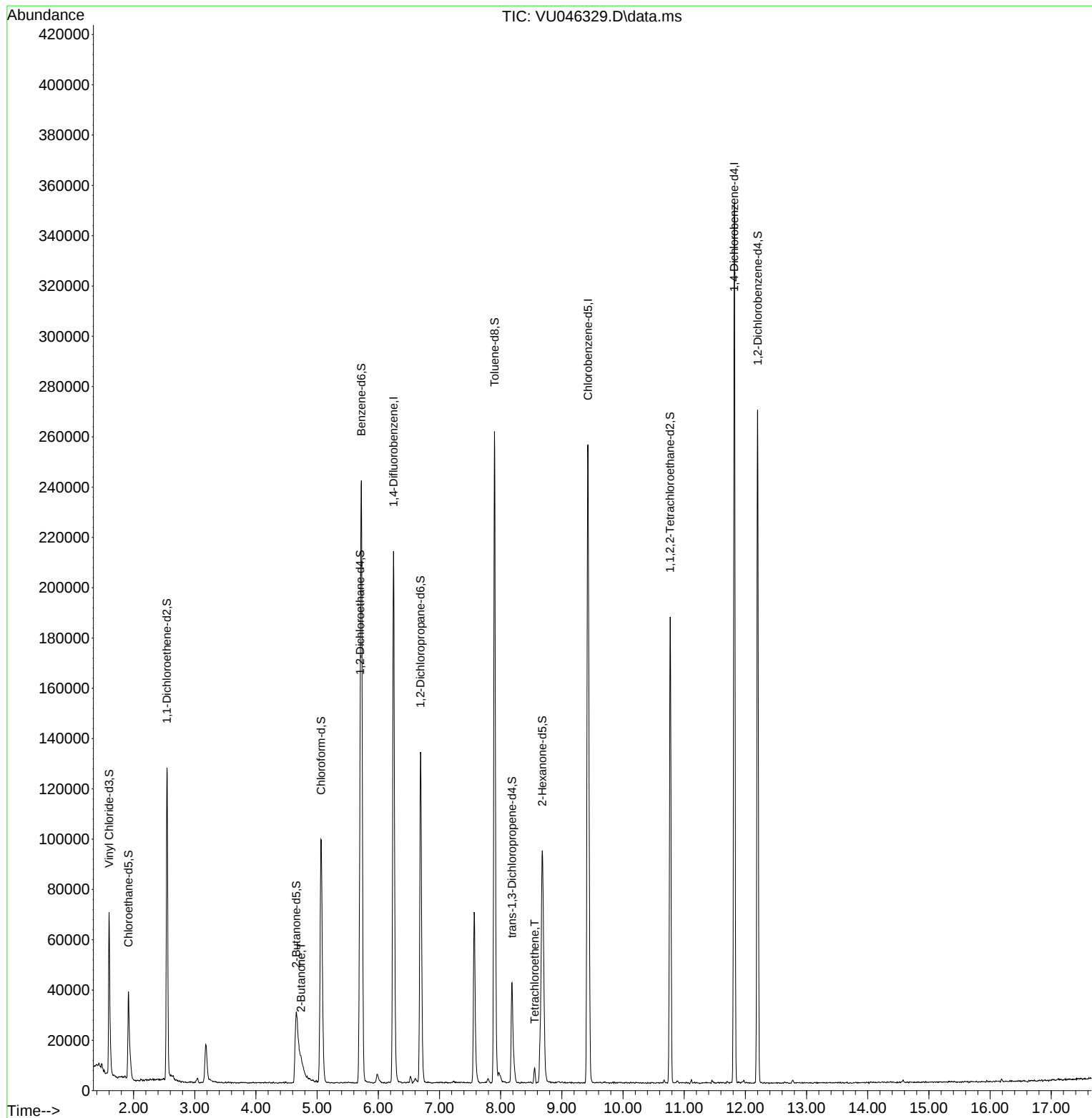
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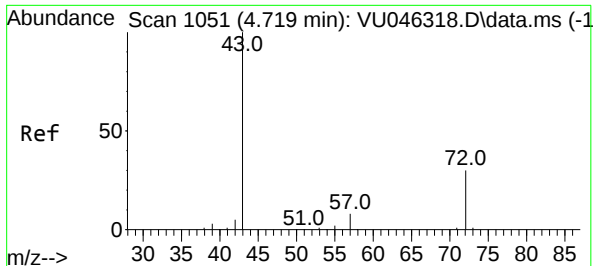
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MSVOA_U
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#22

2-Butanone

Concen: 7.779 ug/L m

RT: 4.739 min Scan# 1057

Delta R.T. 0.020 min

Lab File: VU046329.D

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Instrument :

MSVOA_U

ClientSampleId :

BGL15ME

Tgt Ion: 43 Resp: 12774

Ion Ratio Lower Upper

43 100

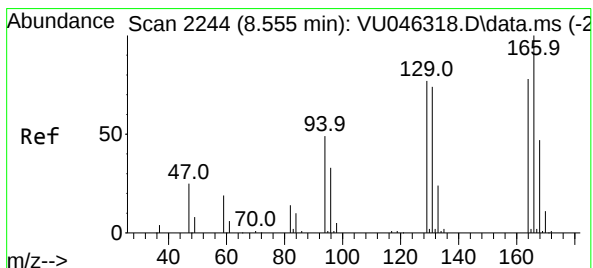
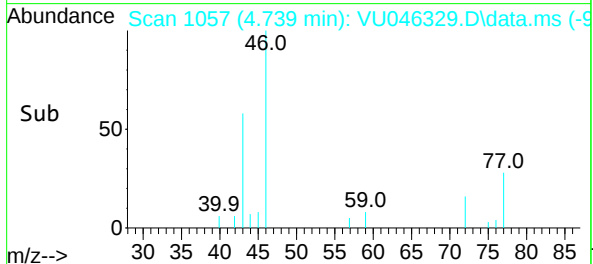
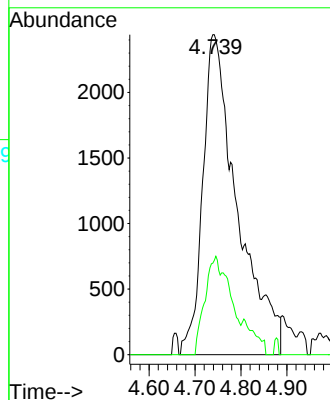
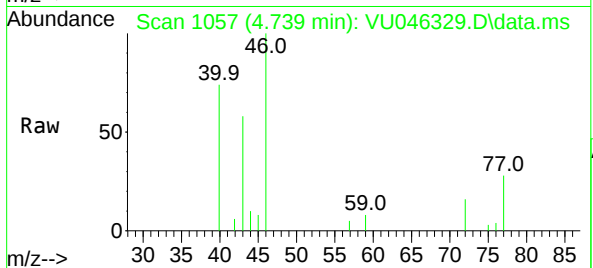
72 13.0 14.5 43.6

Manual Integrations

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#46

Tetrachloroethene

Concen: 1.185 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Tgt Ion:164 Resp: 1317

Ion Ratio Lower Upper

164 100

129 105.4 71.1 132.1

131 95.7 67.8 126.0

166 144.1 90.6 168.2

