

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
 Data File : VU054811.D
 Acq On : 18 Jul 2023 16:48
 Operator : MD/SY
 Sample : 03656-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2Y4

Quant Time: Jul 19 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 19 02:47:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	228932	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77500	42.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.040%		
7) Chloroethane-d5	1.885	69	77127	41.805	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	2.554	63	78067	29.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.020%#		
21) 2-Butanone-d5	4.615	46	117439	99.066	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.070%		
24) Chloroform-d	5.055	84	125210	43.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
26) 1,2-Dichloroethane-d4	5.695	65	80444	46.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
32) Benzene-d6	5.721	84	251802	46.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	6.685	67	89519	48.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.500%		
41) Toluene-d8	7.894	98	239138	46.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
43) trans-1,3-Dichloroprop...	8.174	79	40732	43.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.720%		
47) 2-Hexanone-d5	8.631	63	82850	95.451	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.450%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	152000	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	12.190	152	98411	48.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	23542	23.611	ug/L	94
22) 2-Butanone	4.718	43	9496m	6.898	ug/L	

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

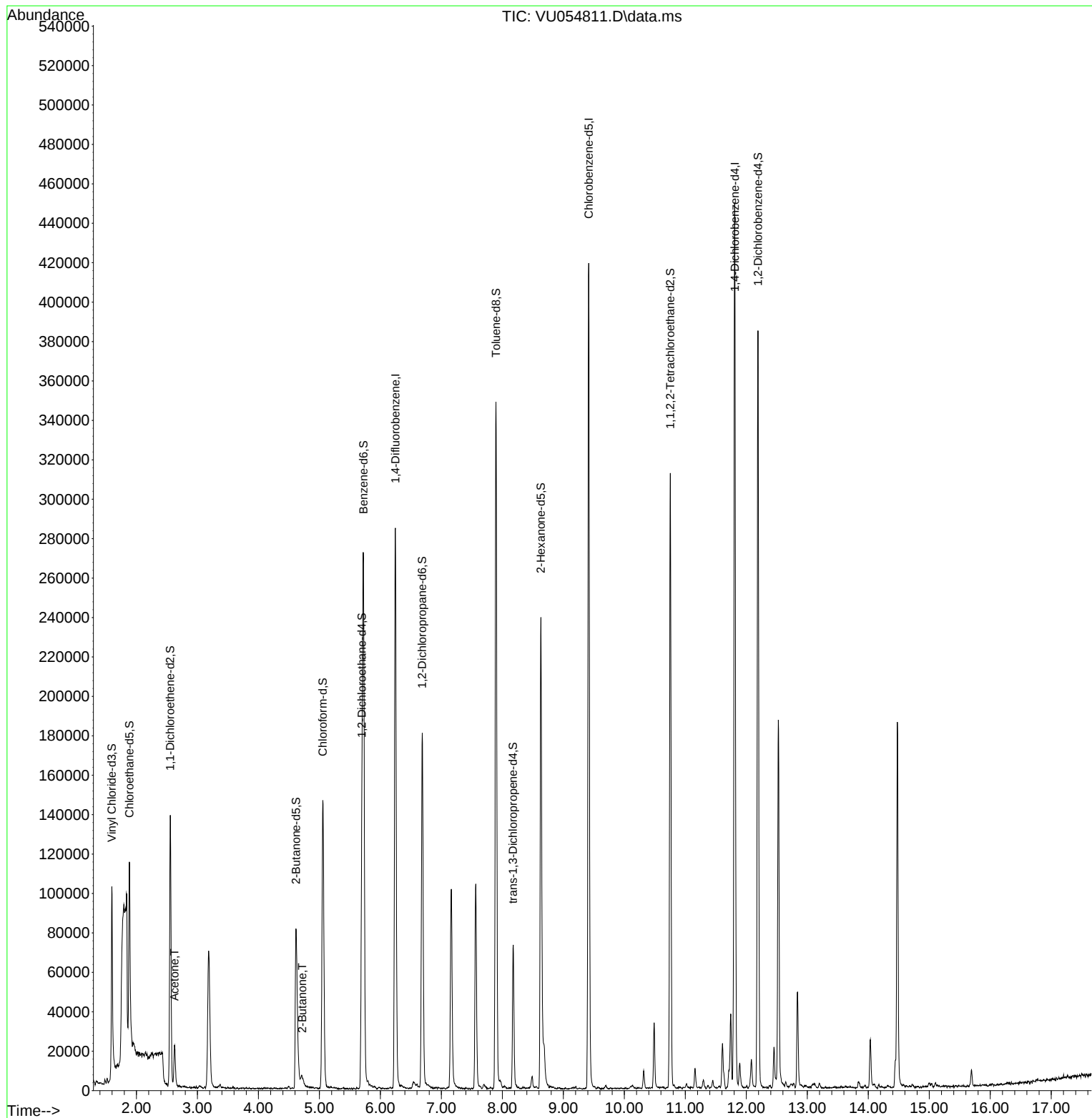
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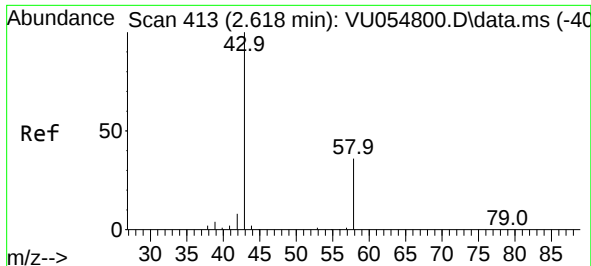
Instrument :
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#13

Acetone

Concen: 23.611 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054811.D

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Instrument :

MSVOA_U

ClientSampleId :

BH2Y4

Tgt Ion: 43 Resp: 2354

Ion Ratio Lower Upper

43 100

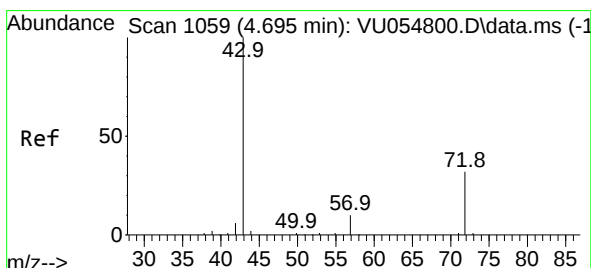
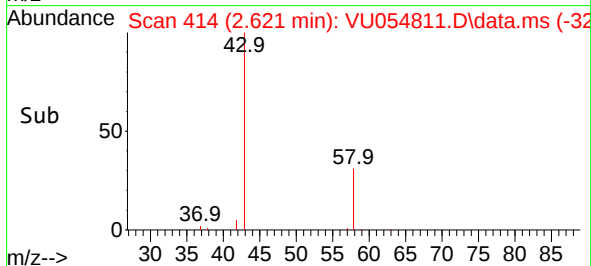
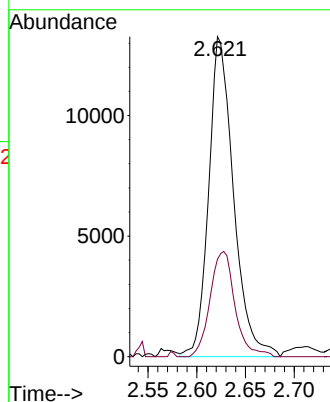
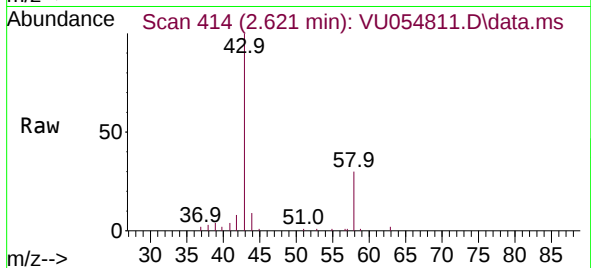
58 33.0 0.0 72.4

Manual Integrations

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#22

2-Butanone

Concen: 6.898 ug/L m

RT: 4.718 min Scan# 1066

Delta R.T. 0.023 min

Lab File: VU054811.D

Acq: 18 Jul 2023 16:48

Tgt Ion: 43 Resp: 9496

Ion Ratio Lower Upper

43 100

72 16.4 15.2 45.6

