

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
 Data File : VU054805.D
 Acq On : 18 Jul 2023 14:19
 Operator : MD/SY
 Sample : 03656-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2X8

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 02:49:46 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231615	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	223091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	123133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	78606	43.911	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.820%		
7) Chloroethane-d5	1.879	69	80484	44.944	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	2.554	63	83136	32.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.760%		
21) 2-Butanone-d5	4.618	46	104567	90.876	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.880%		
24) Chloroform-d	5.055	84	128617	46.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.320%		
26) 1,2-Dichloroethane-d4	5.695	65	80725	48.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
32) Benzene-d6	5.721	84	259859	48.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.800%		
36) 1,2-Dichloropropane-d6	6.685	67	87540	48.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.840%		
41) Toluene-d8	7.894	98	247027	48.782	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.560%		
43) trans-1,3-Dichloroprop...	8.177	79	42586	46.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.040%		
47) 2-Hexanone-d5	8.631	63	78334	92.611	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.610%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	155781	47.398	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	105141	49.691	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.380%		
Target Compounds					Qvalue	
13) Acetone	2.621	43	20190	20.862	ug/L	99
22) 2-Butanone	4.718	43	8047m	6.023	ug/L	

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

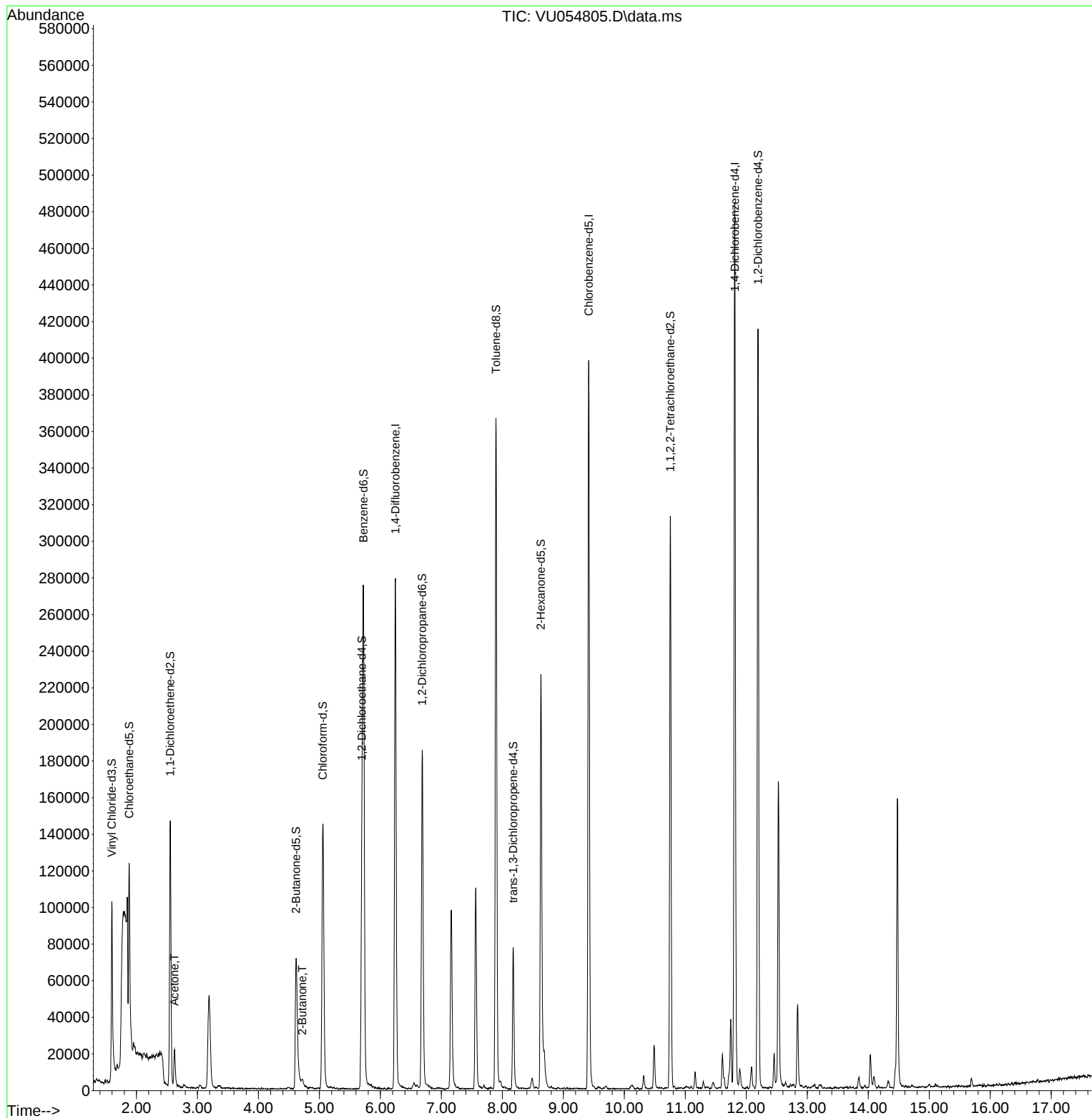
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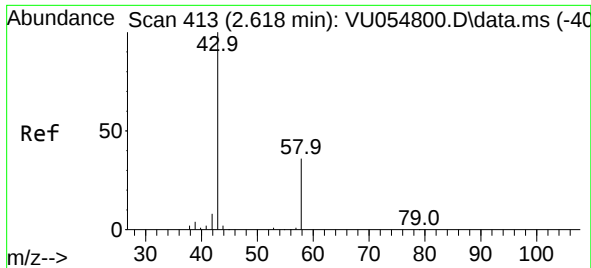
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#13

Acetone

Concen: 20.862 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054805.D

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Instrument :

MSVOA_U

ClientSampleId :

BH2X8

Tgt Ion: 43 Resp: 20190

Ion Ratio Lower Upper

43 100

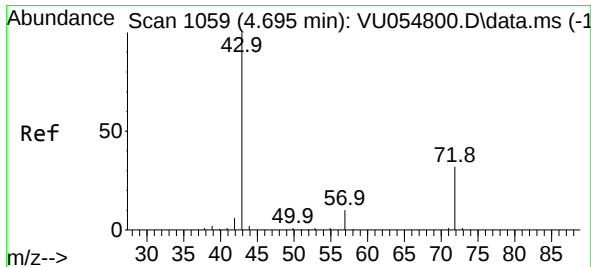
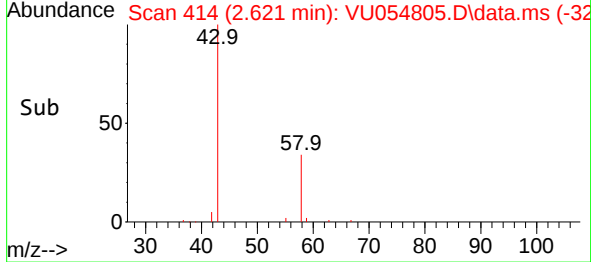
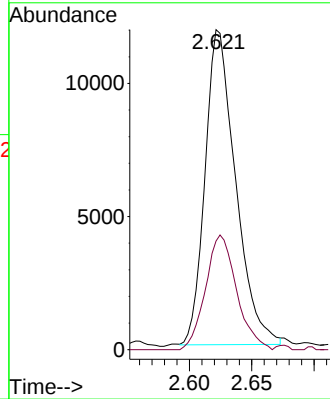
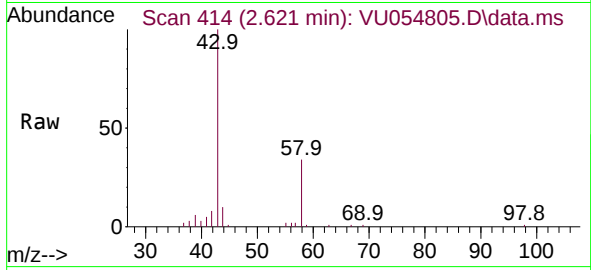
58 37.0 0.0 72.4

Manual Integrations

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#22

2-Butanone

Concen: 6.023 ug/L m

RT: 4.718 min Scan# 1066

Delta R.T. 0.023 min

Lab File: VU054805.D

Acq: 18 Jul 2023 14:19

Tgt Ion: 43 Resp: 8047

Ion Ratio Lower Upper

43 100

72 10.6 15.2 45.6#

