

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
 Data File : VU054806.D
 Acq On : 18 Jul 2023 14:44
 Operator : MD/SY
 Sample : 03656-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2Y4

Quant Time: Jul 19 02:49:59 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	205427	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78506	49.445	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.900%		
7) Chloroethane-d5	1.885	69	78735	49.572	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.140%		
11) 1,1-Dichloroethene-d2	2.554	63	81571	35.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.640%		
21) 2-Butanone-d5	4.615	46	113641	111.352	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.350%		
24) Chloroform-d	5.055	84	127723	51.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.360%		
26) 1,2-Dichloroethane-d4	5.695	65	80149	54.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.300%		
32) Benzene-d6	5.721	84	256145	53.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.680%		
36) 1,2-Dichloropropane-d6	6.685	67	85686	53.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.980%		
41) Toluene-d8	7.894	98	245268	54.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.200%		
43) trans-1,3-Dichloroprop...	8.177	79	40713	49.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.360%		
47) 2-Hexanone-d5	8.631	63	80875	106.798	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.800%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	147361	50.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.160%		
66) 1,2-Dichlorobenzene-d4	12.190	152	99823	55.762	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.520%		
Target Compounds					Qvalue	
13) Acetone	2.621	43	21312	24.828	ug/L	95
22) 2-Butanone	4.718	43	8641m	7.291	ug/L	

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

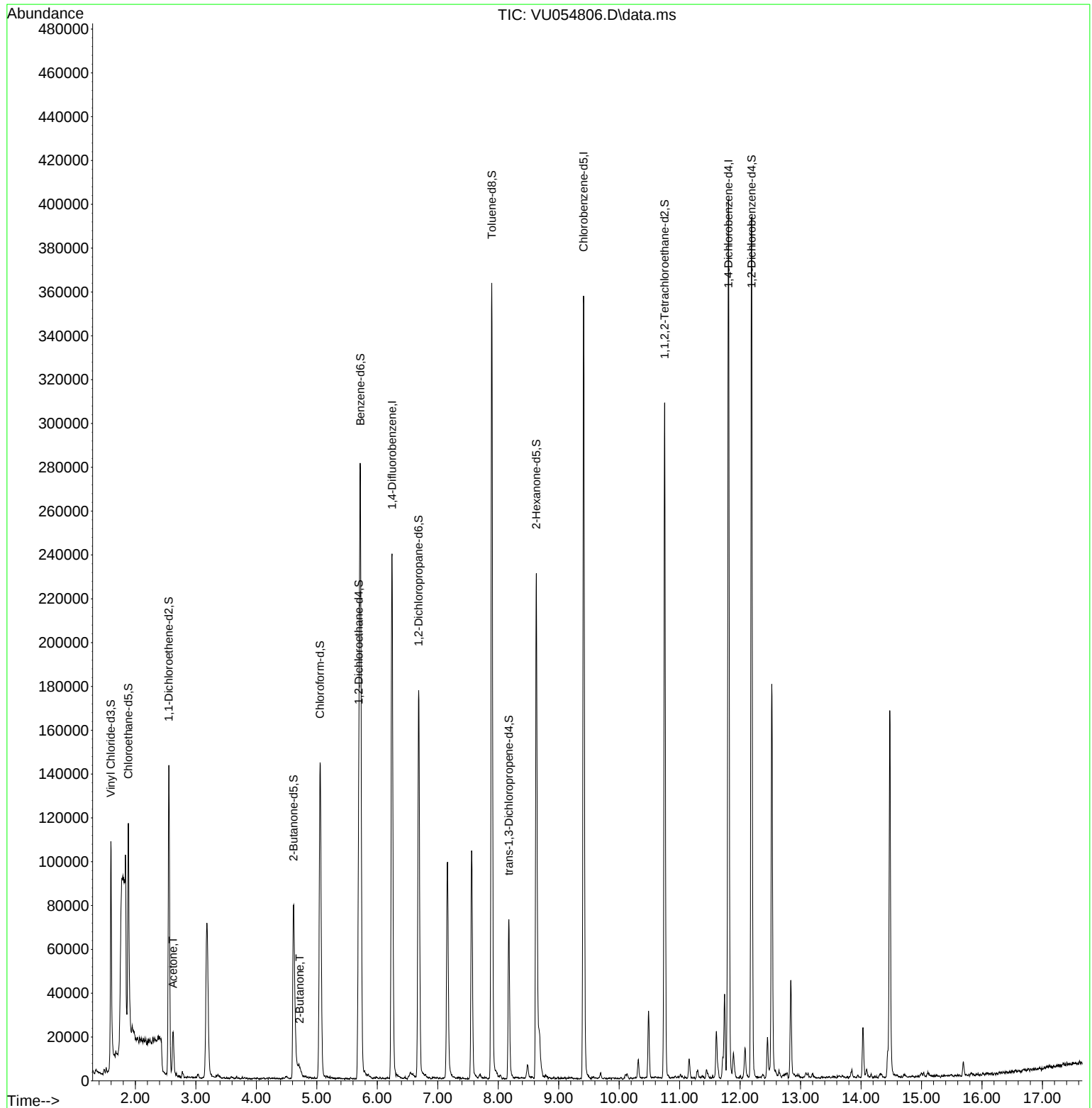
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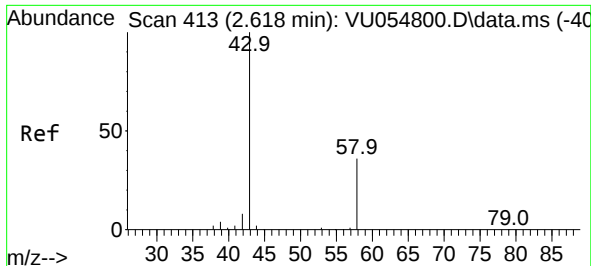
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#13

Acetone

Concen: 24.828 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054806.D

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Instrument :

MSVOA_U

ClientSampleId :

BH2Y4

Tgt Ion: 43 Resp: 2131

Ion Ratio Lower Upper

43 100

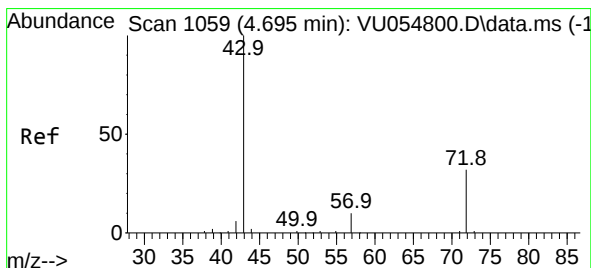
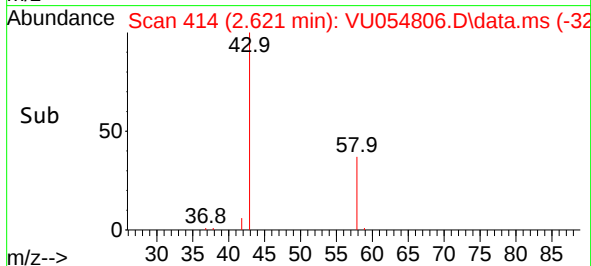
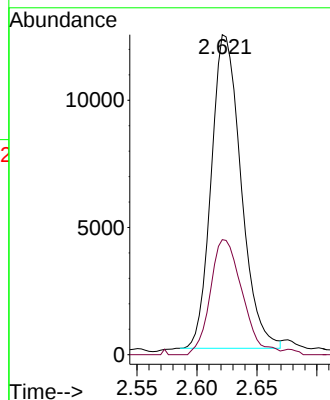
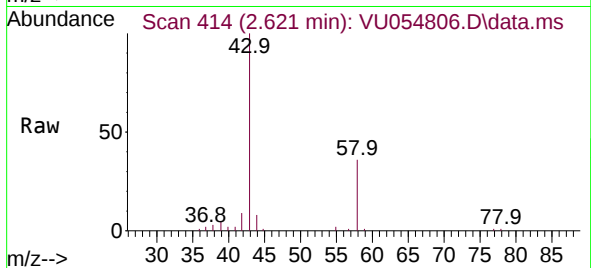
58 39.3 0.0 72.4

Manual Integrations

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#22

2-Butanone

Concen: 7.291 ug/L m

RT: 4.718 min Scan# 1066

Delta R.T. 0.023 min

Lab File: VU054806.D

Acq: 18 Jul 2023 14:44

Tgt Ion: 43 Resp: 8641

Ion Ratio Lower Upper

43 100

72 9.9 15.2 45.6#

