

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049805.D
 Acq On : 20 Jul 2022 16:03
 Operator : SY/MD
 Sample : N3709-02ME
 Misc : 6.29g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0B18ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 04:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	183036	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60149m	38.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.900%		
7) Chloroethane-d5	1.867	69	35874m	32.136	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.280%#		
11) 1,1-Dichloroethene-d2	2.526	63	74916	27.463	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.920%#		
21) 2-Butanone-d5	4.633	46	125002	94.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.820%		
24) Chloroform-d	5.057	84	111177	40.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.300%		
26) 1,2-Dichloroethane-d4	5.697	65	81039	43.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.560%		
32) Benzene-d6	5.719	84	210544	38.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.480%		
36) 1,2-Dichloropropane-d6	6.687	67	75962	41.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.100%		
41) Toluene-d8	7.896	98	171002	36.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.260%#		
43) trans-1,3-Dichloroprop...	8.179	79	30250	39.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.540%		
47) 2-Hexanone-d5	8.645	63	78907	95.953	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.950%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	119120	46.568	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	67963	43.165	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.320%		
Target Compounds					Qvalue	
13) Acetone	2.645	43	4354	3.475	ug/L	94
14) Carbon disulfide	2.755	76	2451	0.555	ug/L	98
15) Methyl Acetate	2.951	43	26491	13.014	ug/L	99

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

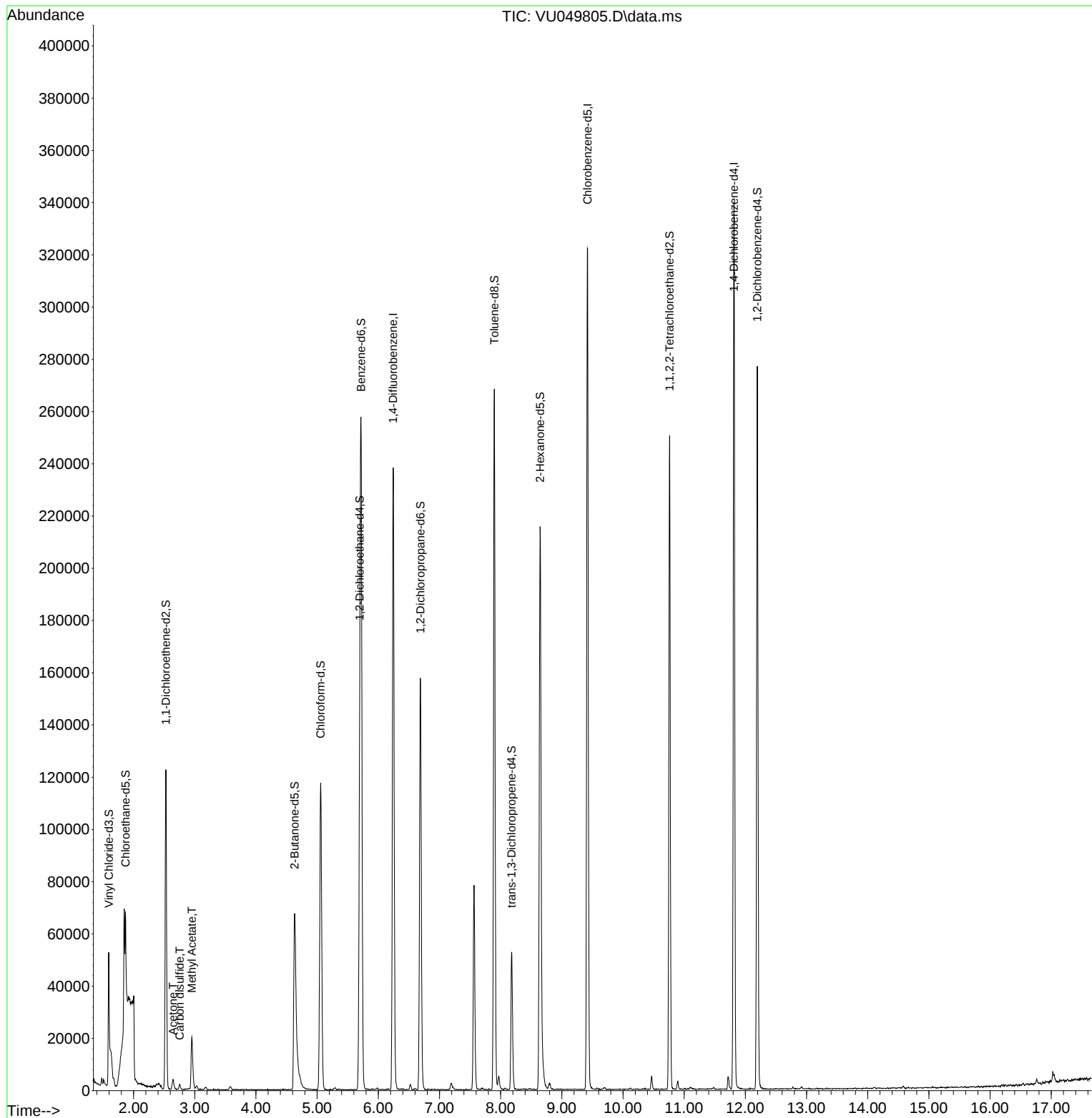
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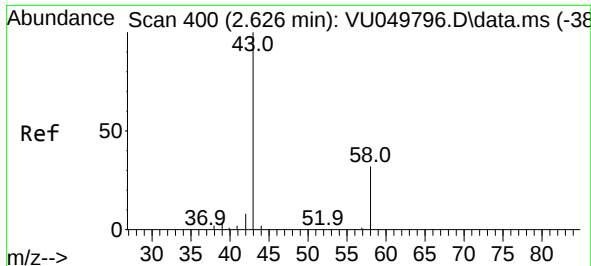
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#13

Acetone

Concen: 3.475 ug/L

RT: 2.645 min Scan# 400

Delta R.T. 0.019 min

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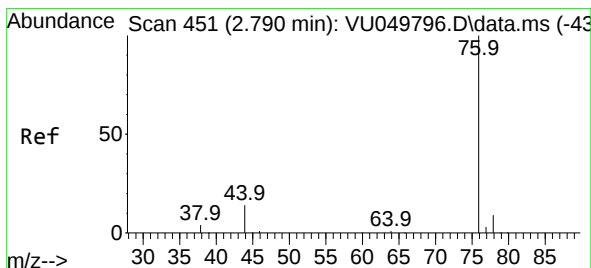
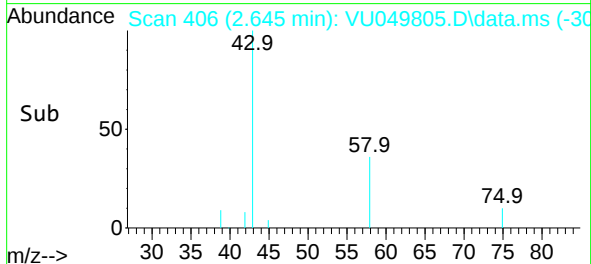
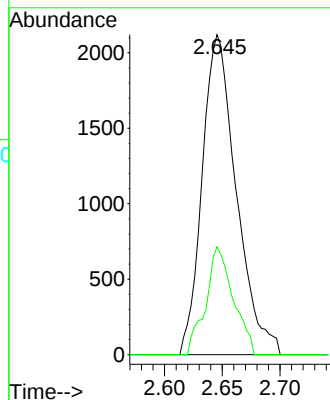
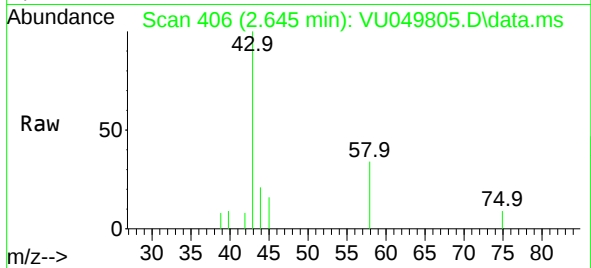
Tgt Ion: 43 Resp: 4354
 Ion Ratio Lower Upper
 43 100
 58 27.1 0.0 61.4

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#14

Carbon disulfide

Concen: 0.555 ug/L

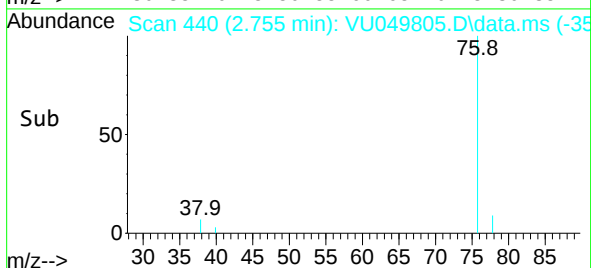
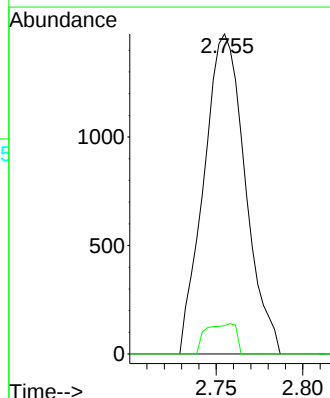
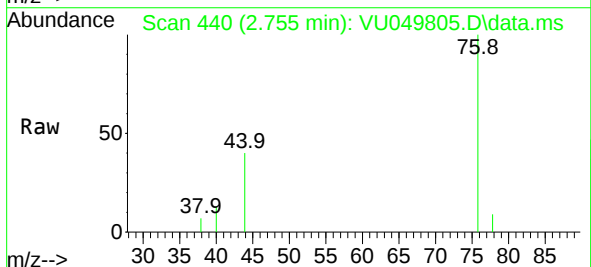
RT: 2.755 min Scan# 440

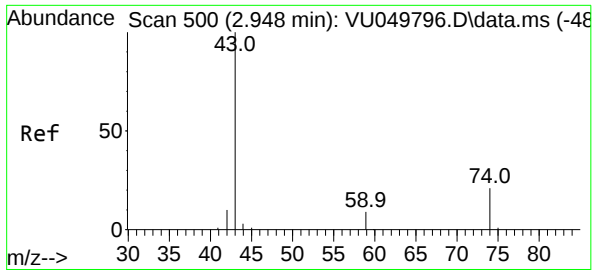
Delta R.T. -0.035 min

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Tgt Ion: 76 Resp: 2451
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.6 11.4





#15
Methyl Acetate
Concen: 13.014 ug/L
RT: 2.951 min Scan# 50
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

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