

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050929.D
 Acq On : 23 Sep 2022 19:05
 Operator : JC/MD
 Sample : N4747-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45B1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/26/2022
 Supervised By :Mahesh Dadoda 09/26/2022

Quant Time: Sep 24 00:26:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	396464	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	389617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142138	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	165432	40.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.540%		
7) Chloroethane-d5	1.912	69	140387	47.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.980%		
11) 1,1-Dichloroethene-d2	2.565	63	206094	32.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.480%		
21) 2-Butanone-d5	4.626	46	308620	116.378	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.380%		
24) Chloroform-d	5.060	84	297500	46.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.440%		
26) 1,2-Dichloroethane-d4	5.700	65	193766	48.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.680%		
32) Benzene-d6	5.726	84	585109	45.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
36) 1,2-Dichloropropane-d6	6.690	67	205318	47.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.896	98	477150	42.535	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.080%		
43) trans-1,3-Dichloroprop...	8.179	79	81321	43.154	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
47) 2-Hexanone-d5	8.632	63	165026	92.445	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.450%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	308902	46.773	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.540%		
66) 1,2-Dichlorobenzene-d4	12.192	152	157771	53.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.020%		
Target Compounds					Qvalue	
13) Acetone	2.642	43	45558	20.289	ug/L	98
14) Carbon disulfide	2.793	76	10052	1.043	ug/L	95
22) 2-Butanone	4.713	43	7855m	2.654	ug/L	

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

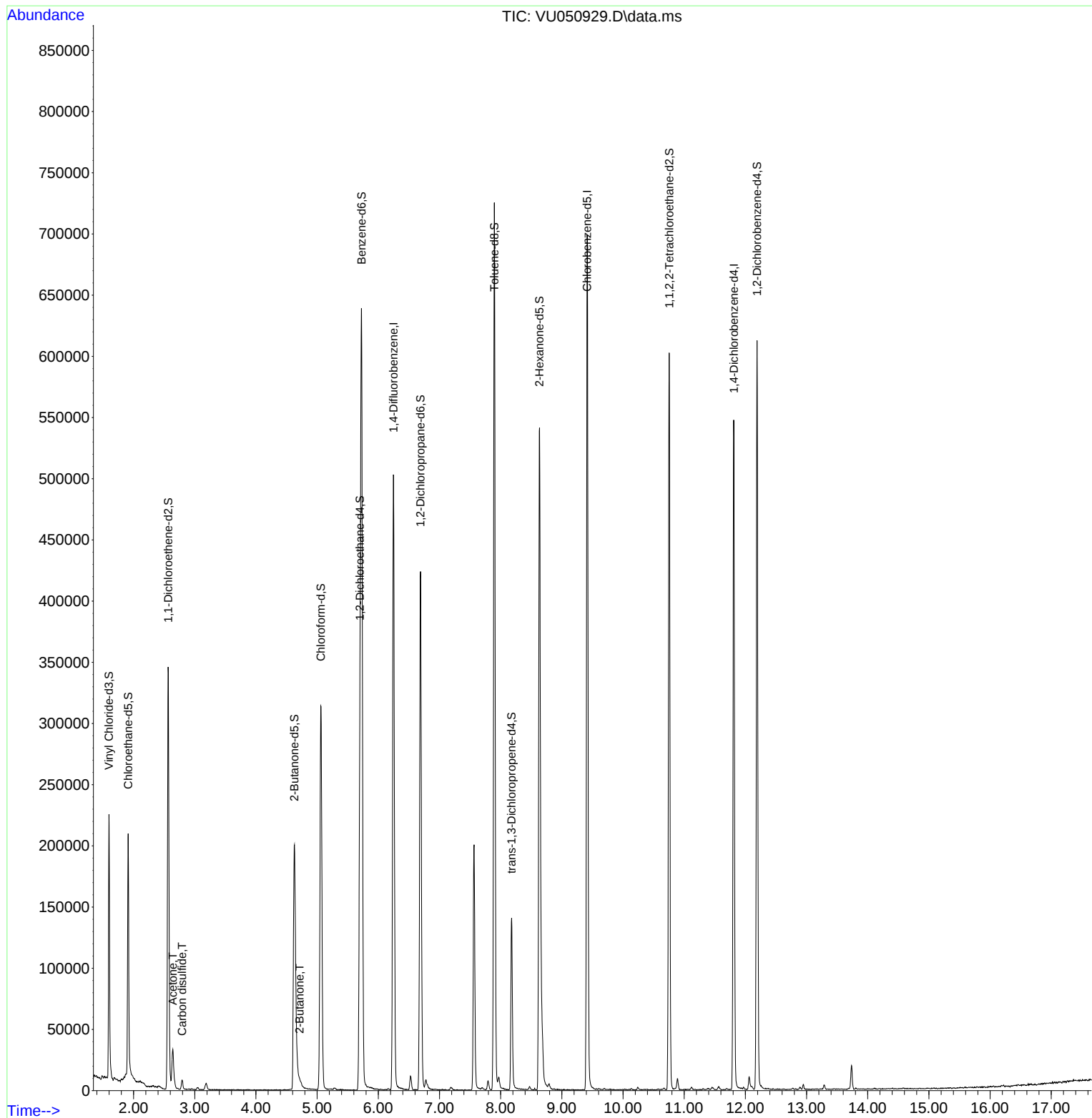
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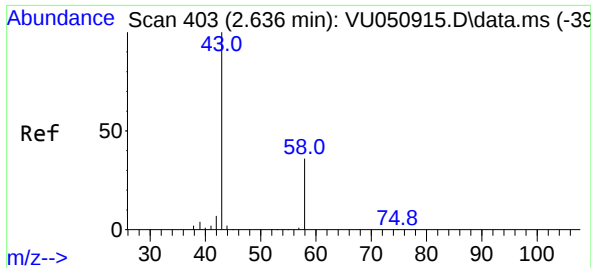
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#13

Acetone

Concen: 20.289 ug/L

RT: 2.642 min Scan# 403

Delta R.T. 0.006 min

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E45B1

Tgt Ion: 43 Resp: 4555

Ion Ratio Lower Upper

43 100

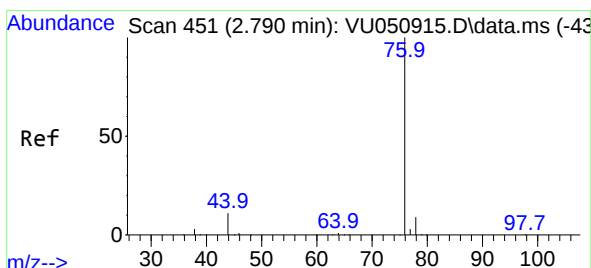
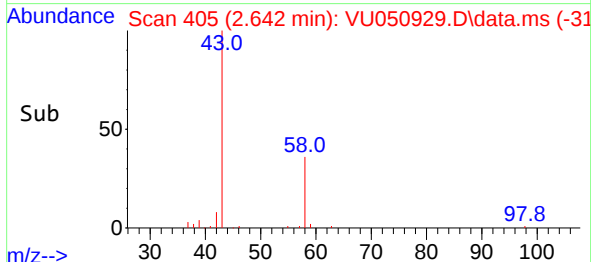
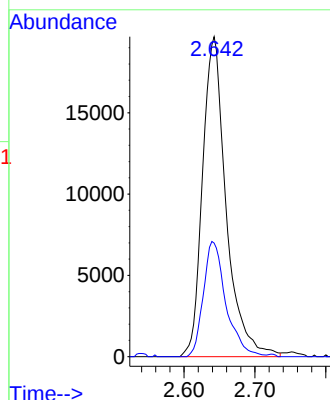
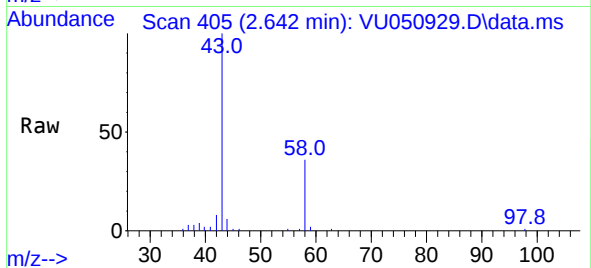
58 34.5 0.0 71.4

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#14

Carbon disulfide

Concen: 1.043 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

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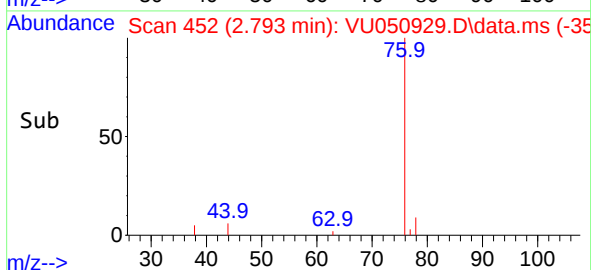
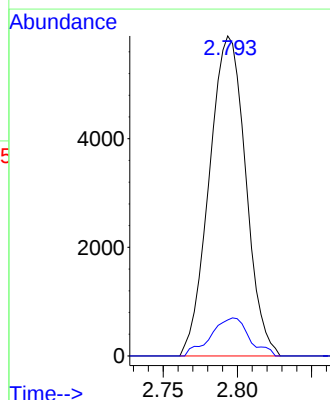
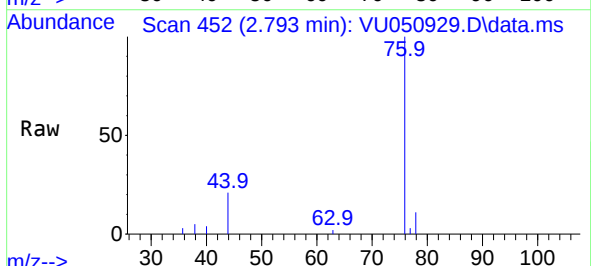
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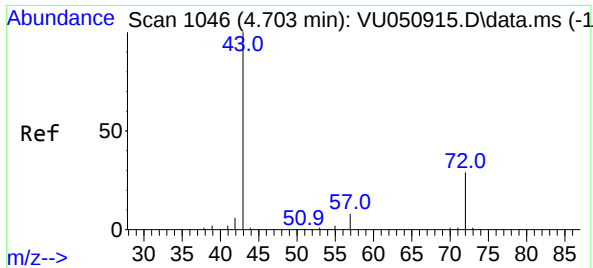
Tgt Ion: 76 Resp: 10052

Ion Ratio Lower Upper

76 100

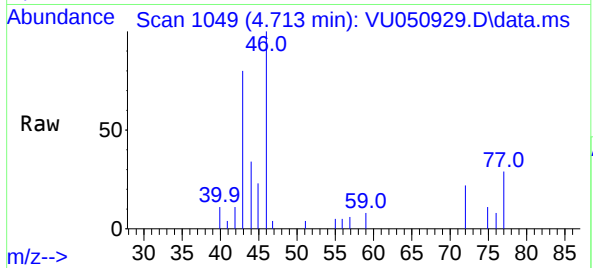
78 11.2 7.5 11.3





2-Butanone
 Concen: 2.654 ug/L m
 RT: 4.713 min Scan# 1049
 Delta R.T. 0.010 min
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Tgt Ion: 43 Resp: 785
 Ion Ratio Lower Upper
 43 100
 72 11.3 14.8 44.3

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