

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048539.D
 Acq On : 12 May 2022 14:16
 Operator : SY/MD
 Sample : N2801-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLB9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 03:58:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	259804	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	137843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77873	34.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.600%		
7) Chloroethane-d5	1.913	69	61013	41.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.560%		
11) 1,1-Dichloroethene-d2	2.568	63	129029	32.402	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.800%		
21) 2-Butanone-d5	4.620	46	160979	84.480	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.480%		
24) Chloroform-d	5.064	84	195414	50.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.560%		
26) 1,2-Dichloroethane-d4	5.703	65	140809	55.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.480%		
32) Benzene-d6	5.729	84	366408	46.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.960%		
36) 1,2-Dichloropropane-d6	6.690	67	111976	43.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.120%		
41) Toluene-d8	7.899	98	330403	47.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.780%		
43) trans-1,3-Dichloroprop...	8.179	79	63093	53.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.640%		
47) 2-Hexanone-d5	8.633	63	118899	95.557	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	172427	44.033	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	142438	52.185	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.360%		
Target Compounds					Qvalue	
13) Acetone	2.626	43	3990m	2.777	ug/L	
29) Cyclohexane	5.388	56	8611	2.405	ug/L	97
35) Methylcyclohexane	6.758	83	7053	2.013	ug/L #	79
46) Tetrachloroethene	8.555	164	2153	1.305	ug/L #	86

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

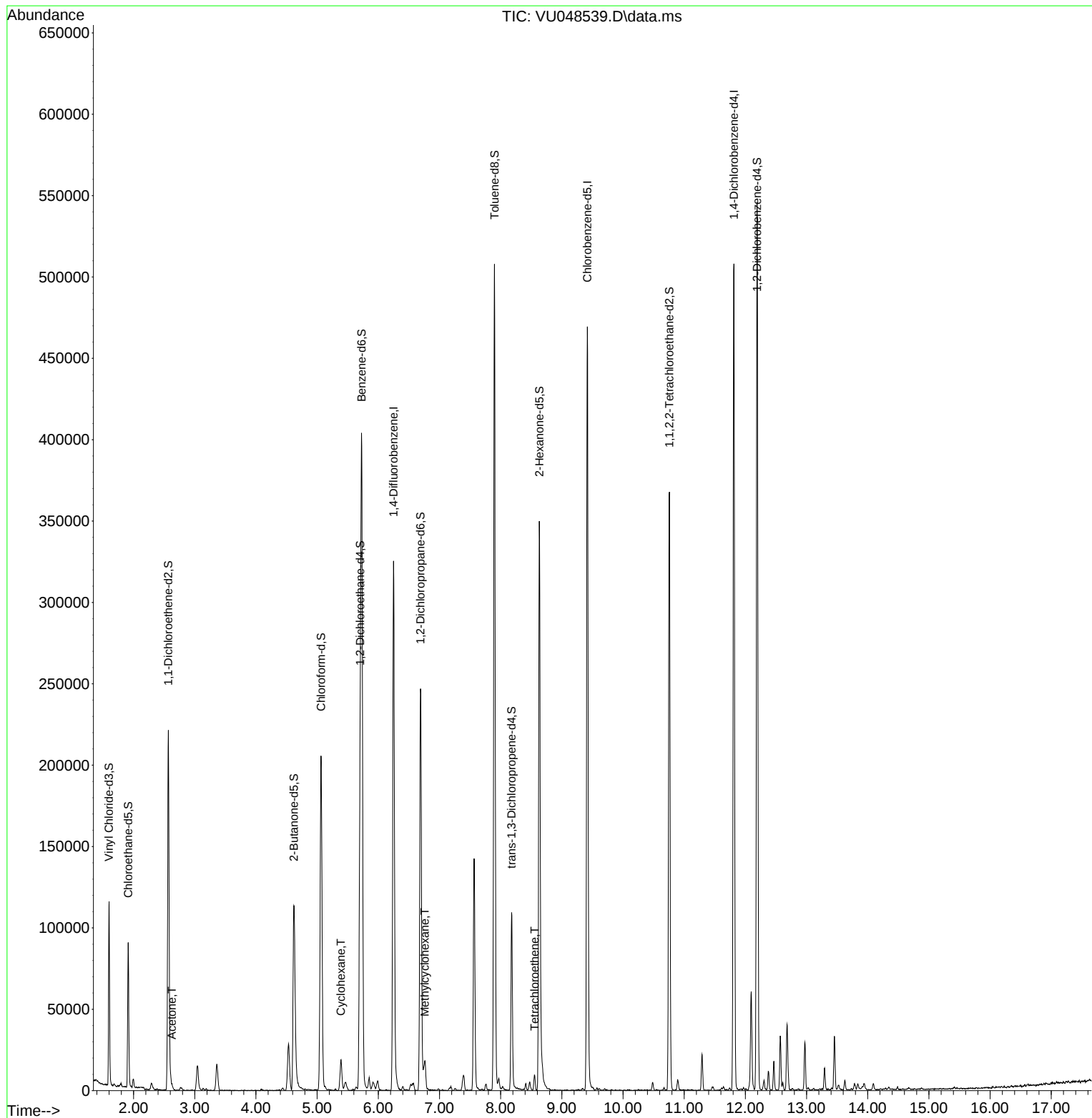
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
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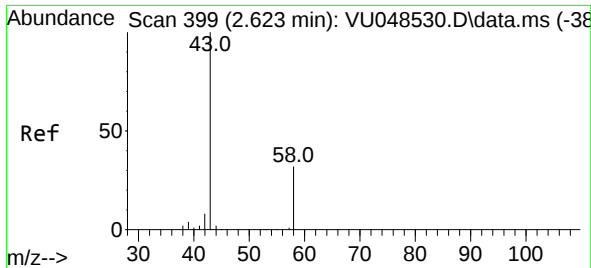
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#13

Acetone

Concen: 2.777 ug/L m

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

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Tgt Ion: 43 Resp: 3990

Ion Ratio Lower Upper

43 100

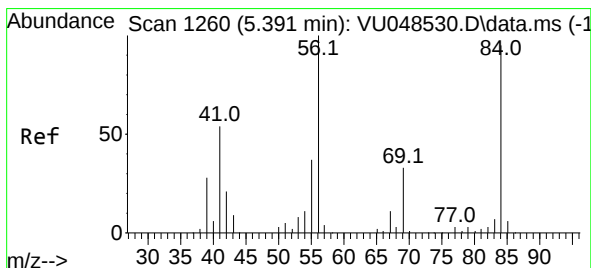
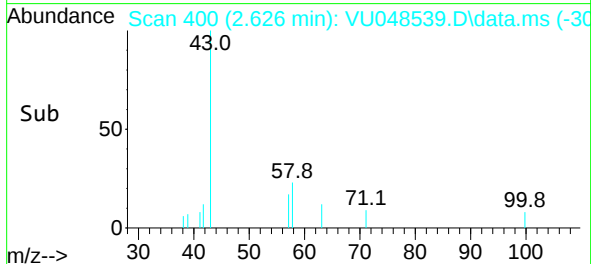
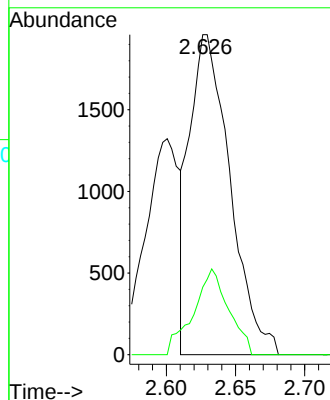
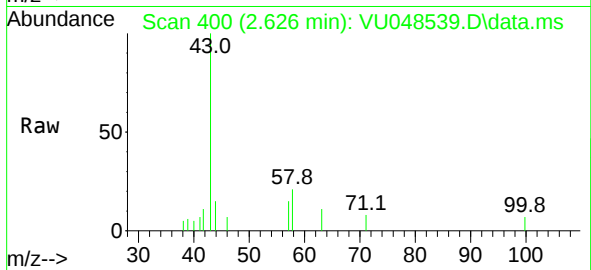
58 23.3 0.0 66.2

Manual Integrations

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#29

Cyclohexane

Concen: 2.405 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048539.D

Acq: 12 May 2022 14:16

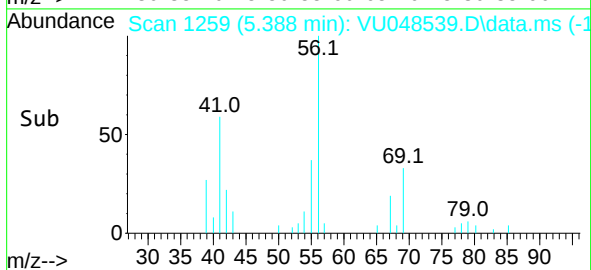
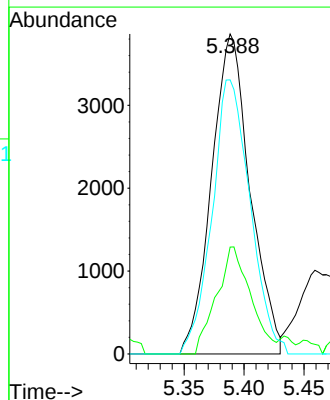
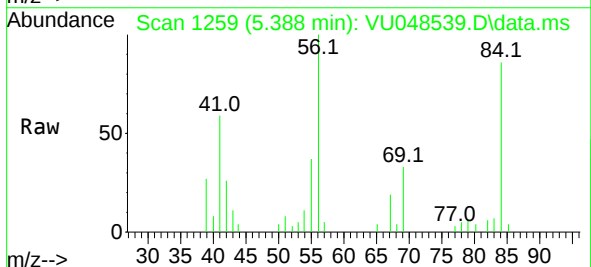
Tgt Ion: 56 Resp: 8611

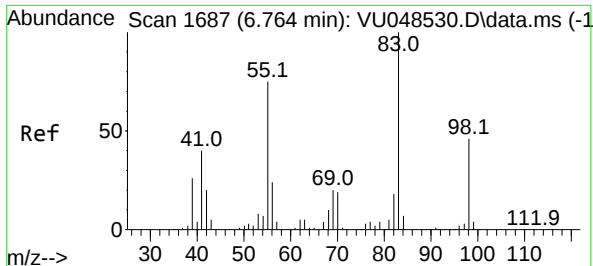
Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

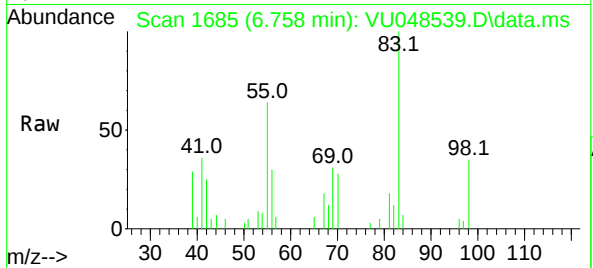
84 84.6 65.5 98.3





#35
Methylcyclohexane
Concen: 2.013 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
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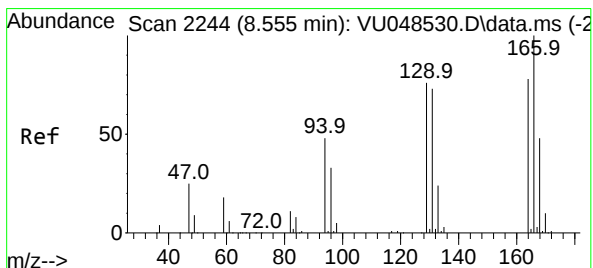
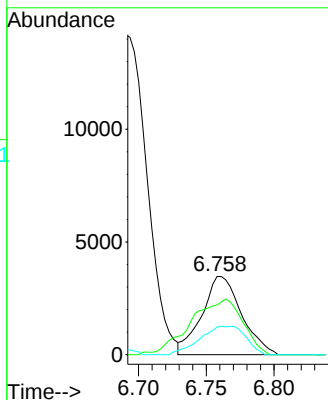
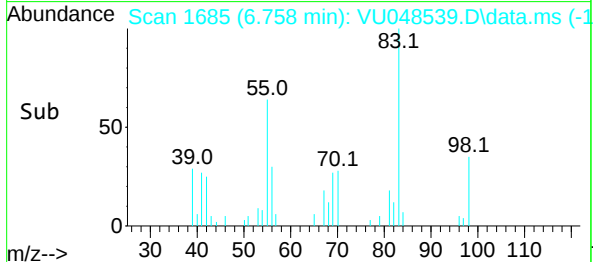
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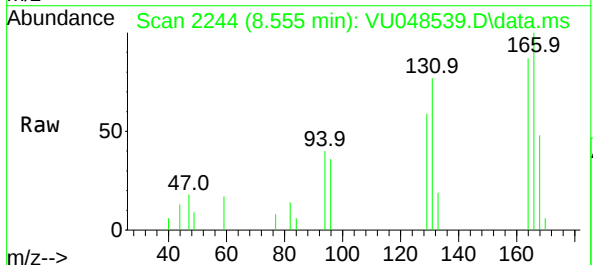
Tgt Ion: 83 Resp: 705
Ion Ratio Lower Upper
83 100
55 92.9 63.4 95.2
98 25.0 35.9 53.9

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#46
Tetrachloroethene
Concen: 1.305 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048539.D
Acq: 12 May 2022 14:16



Tgt Ion:164 Resp: 2153
Ion Ratio Lower Upper
164 100
129 68.1 69.2 128.6#
131 88.1 65.2 121.0
166 114.6 86.6 160.8

