

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050995.D
 Acq On : 29 Sep 2022 21:37
 Operator : JC/MD
 Sample : N4869-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J30

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 01:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	300241	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	137267	45.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.220%		
7) Chloroethane-d5	1.906	69	124485	44.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.080%		
11) 1,1-Dichloroethene-d2	2.565	63	161310	35.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.780%		
21) 2-Butanone-d5	4.620	46	190747	96.654	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.650%		
24) Chloroform-d	5.060	84	237682	48.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.960%		
26) 1,2-Dichloroethane-d4	5.700	65	151704	49.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.000%		
32) Benzene-d6	5.726	84	473541	51.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.680%		
36) 1,2-Dichloropropane-d6	6.690	67	158482	53.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.920%		
41) Toluene-d8	7.896	98	390326	46.245	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.500%		
43) trans-1,3-Dichloroprop...	8.179	79	62597	44.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.540%		
47) 2-Hexanone-d5	8.632	63	110570	92.376	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.380%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	288998	55.783	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.560%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144215	53.787	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.580%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.359	73	10983	1.587	ug/L	# 83
20) cis-1,2-Dichloroethene	4.658	96	4397m	1.729	ug/L	
46) Tetrachloroethene	8.552	164	733885	393.122	ug/L	98

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

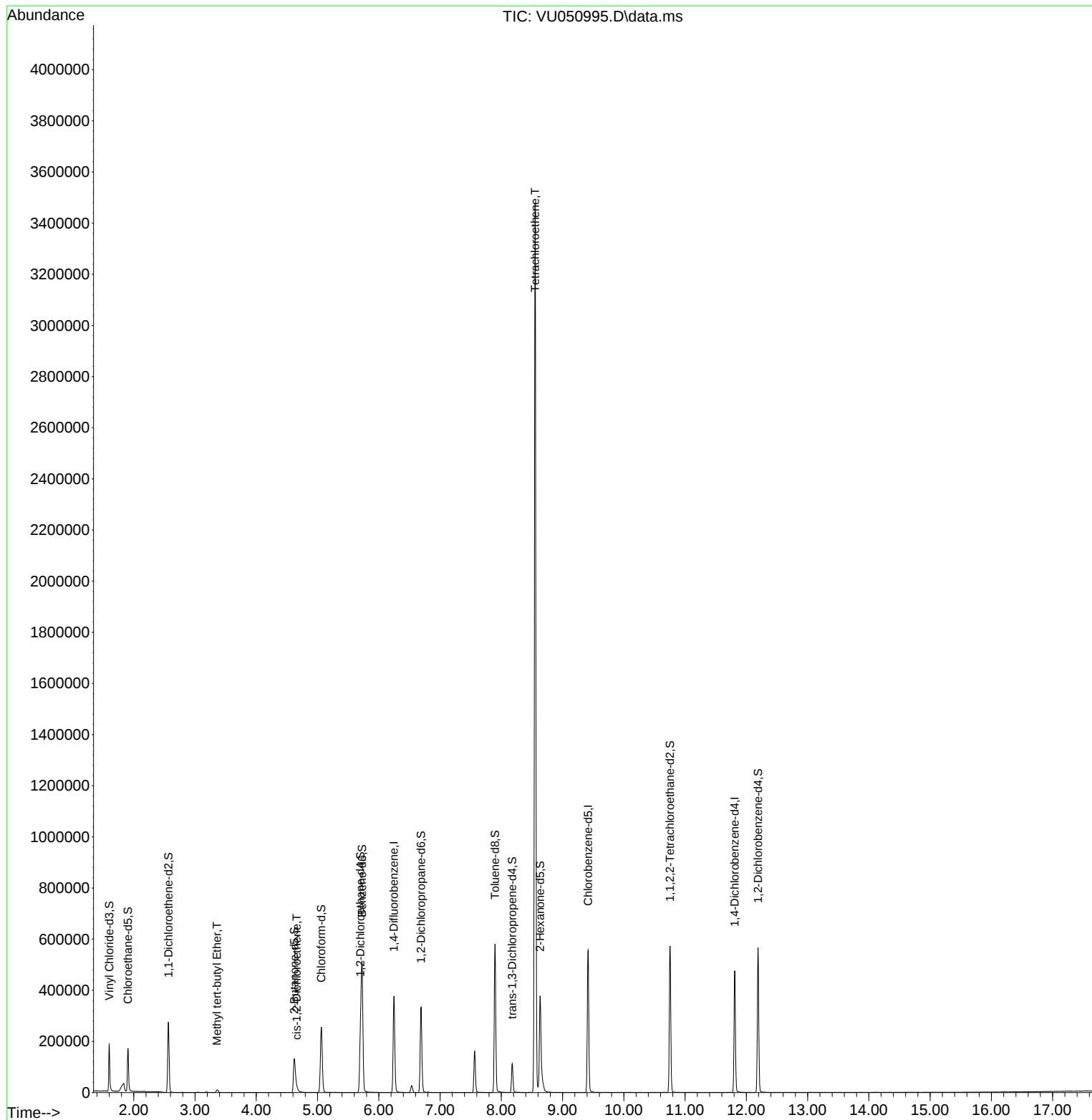
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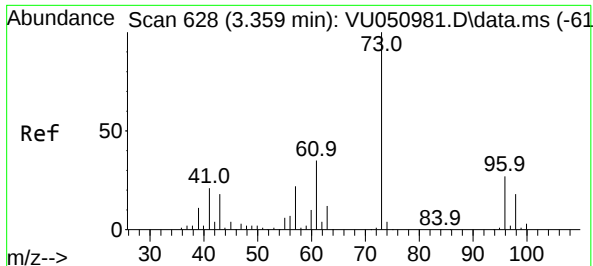
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#18

Methyl tert-butyl Ether

Concen: 1.587 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

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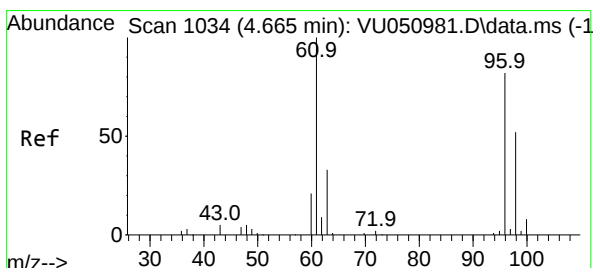
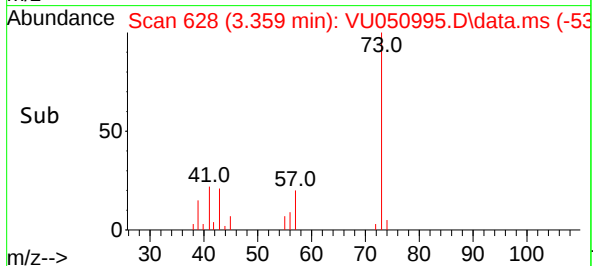
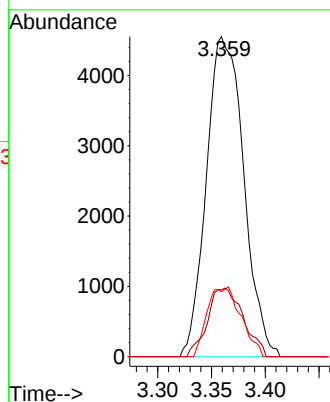
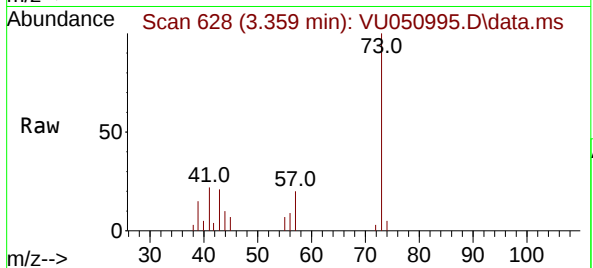
Tgt Ion: 73	Resp: 1098
Ion Ratio	Lower Upper
73 100	
43 20.5	14.7 22.1
57 9.2	17.5 26.3

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#20

cis-1,2-Dichloroethene

Concen: 1.729 ug/L m

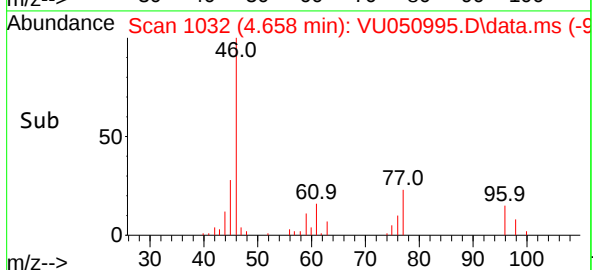
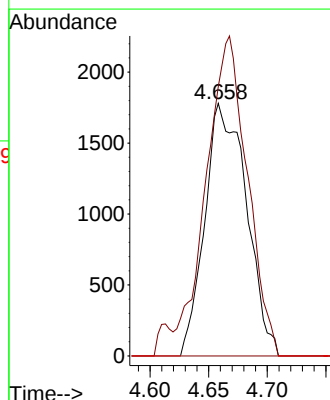
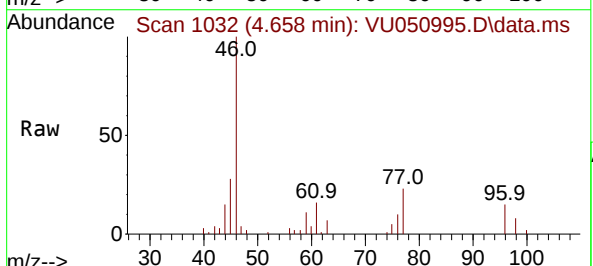
RT: 4.658 min Scan# 1032

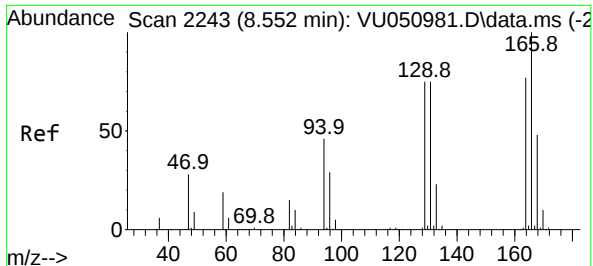
Delta R.T. -0.007 min

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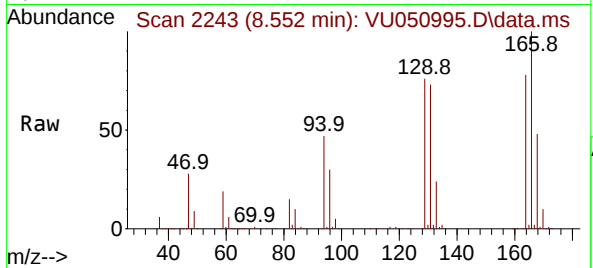
Tgt Ion: 96	Resp: 4397
Ion Ratio	Lower Upper
96 100	
61 106.6	85.4 158.6
68 0.0	0.0 0.0





#46
Tetrachloroethene
Concen: 393.122 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:	164	Resp:	73388
Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.1	126.5
131	93.5	67.8	126.0
166	128.1	90.5	168.1

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