

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036604.D
 Acq On : 18 Jul 2024 16:45
 Operator : SY/MD
 Sample : VIBLK317
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK317

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 06:07:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	352183	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337439	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	167984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	88079	17.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.840%		
7) Chloroethane-d5	1.529	69	81571	18.491	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.960%		
11) 1,1-Dichloroethene-d2	2.050	65	45744	17.655	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.640%		
21) 2-Butanone-d5	3.851	46	35903m	41.574	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.140%		
24) Chloroform-d	4.246	84	185221	18.068	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.280%		
26) 1,2-Dichloroethane-d4	4.937	65	93083	18.307	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.240%		
32) Benzene-d6	4.954	84	361545	21.477	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.920%		
36) 1,2-Dichloropropane-d6	5.986	67	104297	20.788	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.160%		
41) Toluene-d8	7.240	98	333604	21.477	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.920%		
43) trans-1,3-Dichloroprop...	7.555	79	36812	17.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.600%		
47) 2-Hexanone-d5	8.034	63	23382	41.962	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.920%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85651	20.270	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	135923	23.843	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.360%		
Target Compounds						
16) Methylene chloride	2.442	84	25850	3.570	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	8037	1.635	ug/L	97
34) Trichloroethene	5.841	95	8390	1.579	ug/L	96
46) Tetrachloroethene	7.902	164	278930	64.920	ug/L	99

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

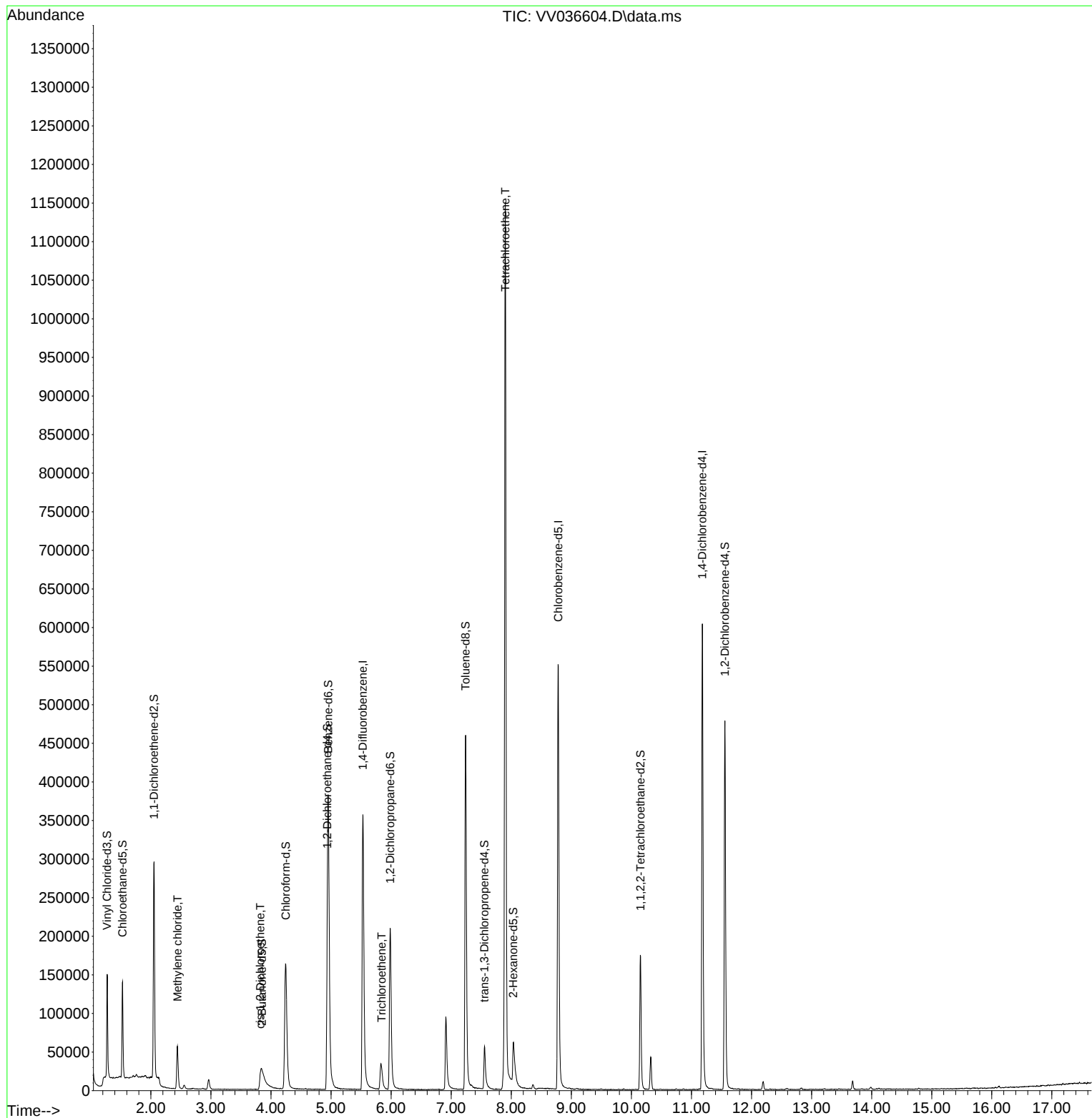
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036604.D
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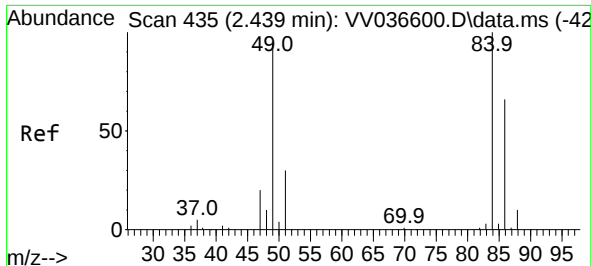
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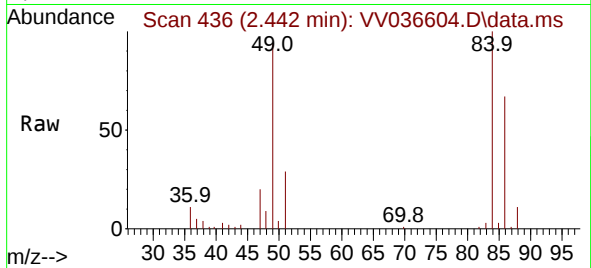
Quant Time: Jul 19 06:07:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration





#16
Methylene chloride
Concen: 3.570 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036604.D
Acq: 18 Jul 2024 16:45

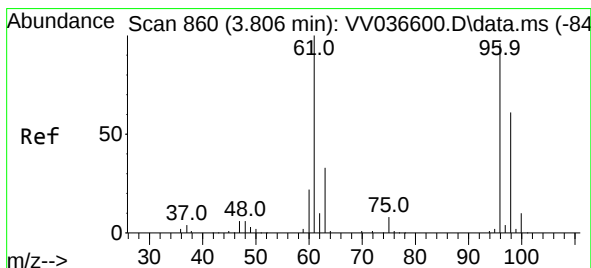
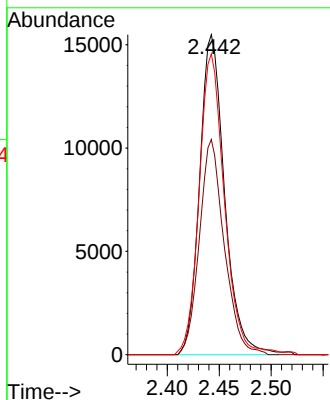
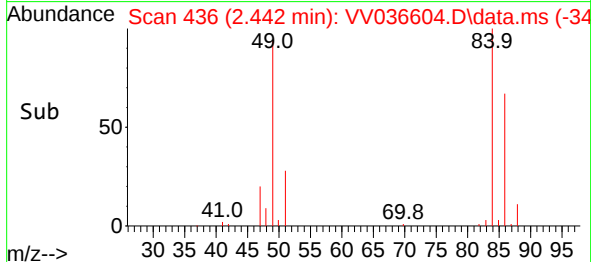
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Tgt Ion: 84 Resp: 25850
Ion Ratio Lower Upper
84 100
86 67.3 46.3 86.1
49 94.0 68.1 126.5

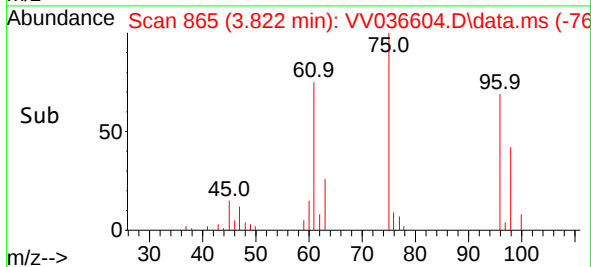
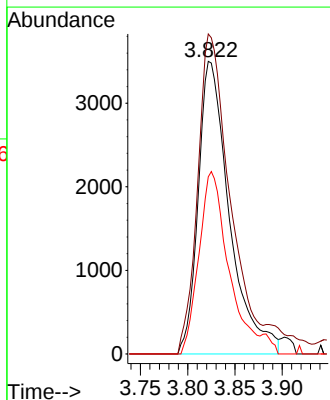
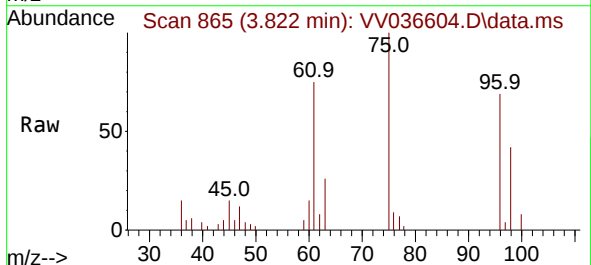
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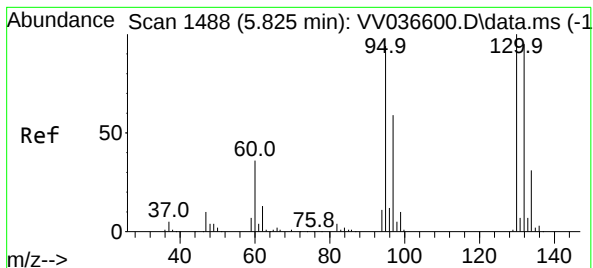
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#20
cis-1,2-Dichloroethene
Concen: 1.635 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.016 min
Lab File: VV036604.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 96 Resp: 8037
Ion Ratio Lower Upper
96 100
61 109.4 74.8 138.8
98 60.6 45.2 84.0





#34

Trichloroethene

Concen: 1.579 ug/L

RT: 5.841 min Scan# 1488

Delta R.T. 0.016 min

Lab File: VV036604.D

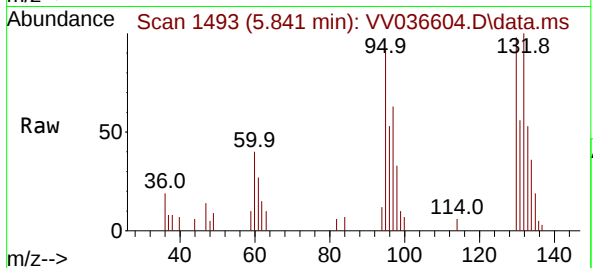
Acq: 18 Jul 2024 16:45

Instrument :

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VIBLK317



Tgt Ion: 95 Resp: 8390

Ion Ratio Lower Upper

95 100

97 68.5 44.4 82.4

132 108.2 73.0 135.6

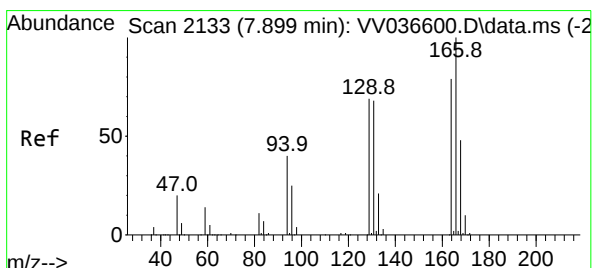
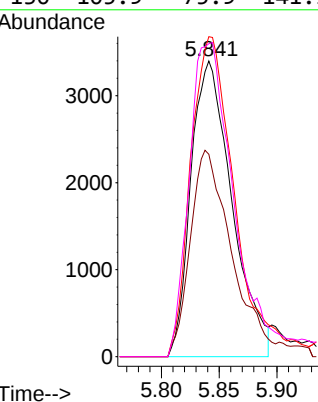
130 105.9 75.9 141.1

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#46

Tetrachloroethene

Concen: 64.920 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036604.D

Acq: 18 Jul 2024 16:45

Tgt Ion:164 Resp: 278930

Ion Ratio Lower Upper

164 100

129 87.8 61.0 113.4

131 83.9 59.8 111.1

166 127.6 89.4 166.0

