Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036510.D
Acq On : 12 Jul 2024 16:12
Operator : SY/MD
Sample : P3215-12
Misc : 5.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 13 04:10:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4D25

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
Supervised By :Semsettin Yesilyurt 07/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	384394	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	139731	25.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.480%			
7) Chloroethane-d5	1.526	69	116053	24.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.050	65	63858	22.581	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.320%			
21) 2-Butanone-d5	3.851	46	39683m	42.100	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.200%			
24) Chloroform-d	4.243	84	226113	20.209	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.840%			
26) 1,2-Dichloroethane-d4	4.937	65	119405	21.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.080%			
32) Benzene-d6	4.953	84	427287	26.855	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.400%			
36) 1,2-Dichloropropane-d6	5.982	67	126559	26.689	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.760%			
41) Toluene-d8	7.239	98	326185	22.218	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.880%			
43) trans-1,3-Dichloroprop...	7.555	79	40233	20.407	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.640%			
47) 2-Hexanone-d5	8.034	63	22644	42.995	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.000%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85748	21.471	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.880%			
66) 1,2-Dichlorobenzene-d4	11.558	152	63968	20.421	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.680%			
Target Compounds						Qvalue
13) Acetone	2.169	43	42902m	32.194	ug/L	
16) Methylene chloride	2.442	84	33209	4.202	ug/L	99
22) 2-Butanone	3.941	43	11593m	10.362	ug/L	

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

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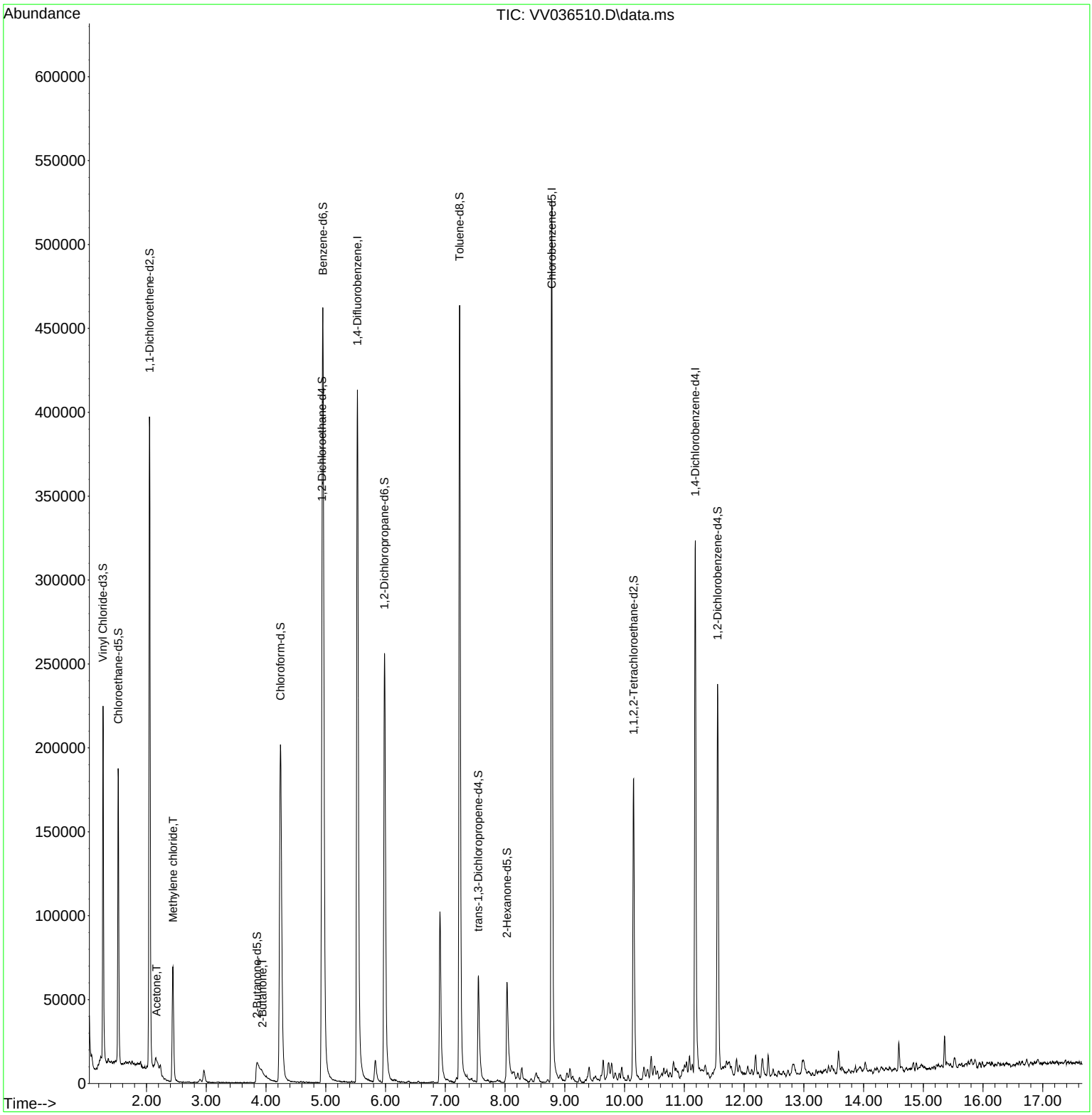
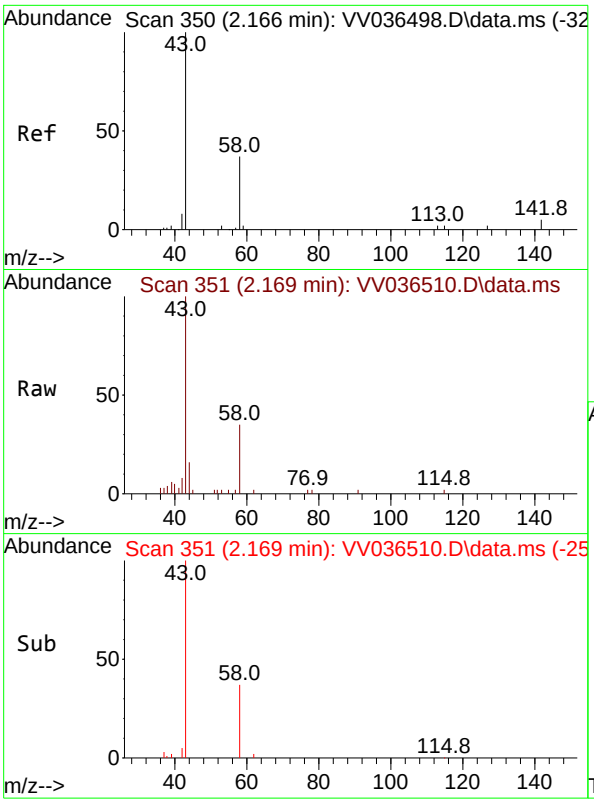
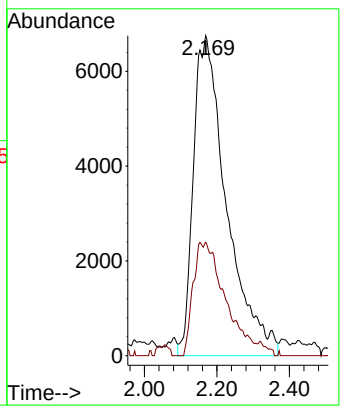




#13
Acetone
Concen: 32.194 ug/L m
RT: 2.169 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 43 Resp: 4290

Ion	Ratio	Lower	Upper
43	100		
58	11.3	0.0	28.4



Instrument :
MSVOA_V
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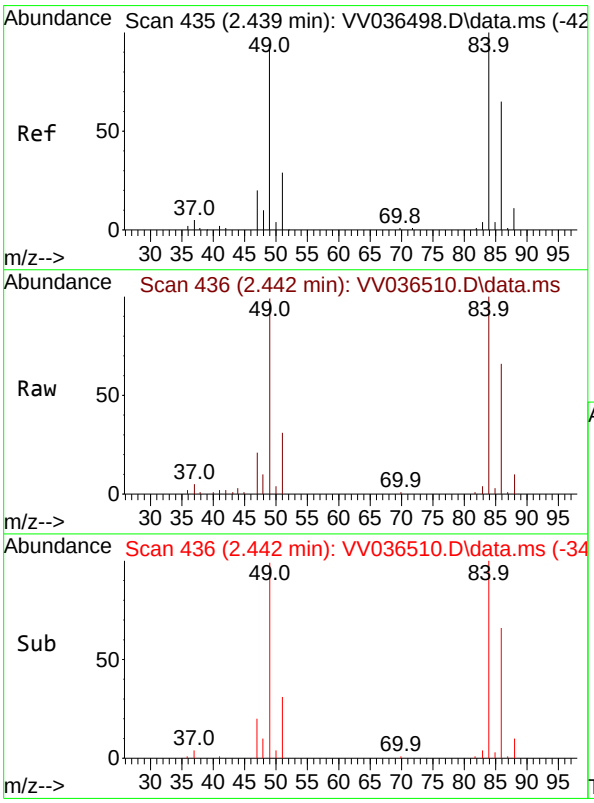
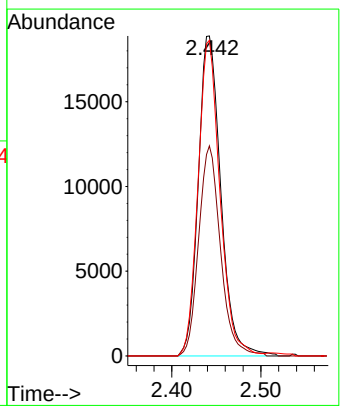
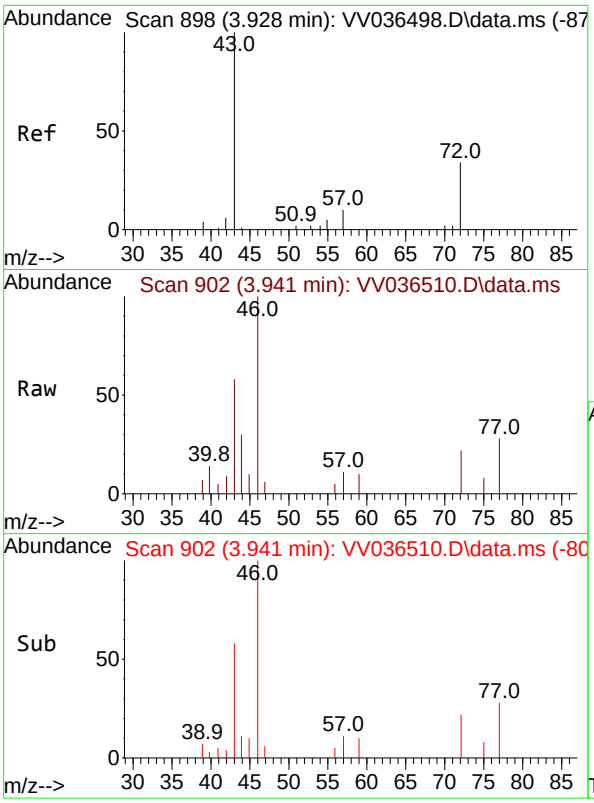


#16
Methylene chloride
Concen: 4.202 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 84 Resp: 33209

Ion	Ratio	Lower	Upper
84	100		
86	65.7	46.3	86.1
49	98.6	68.1	126.5

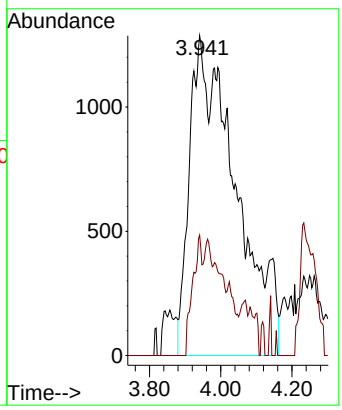




#22
2-Butanone
Concen: 10.362 ug/L m
RT: 3.941 min Scan# 9
Delta R.T. 0.013 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 43 Resp: 1159

Ion	Ratio	Lower	Upper
43	100		
72	3.2	5.9	17.6#



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