

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036401.D
 Acq On : 02 Jul 2024 02:11
 Operator : SY/MD
 Sample : P3087-20
 Misc : 5.24g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BR5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 05:28:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	341744	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	211746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	104686	18.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.160%		
7) Chloroethane-d5	1.526	69	97086	20.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.760%		
11) 1,1-Dichloroethene-d2	2.050	65	44364	16.260	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.040%		
21) 2-Butanone-d5	3.854	46	31128m	23.109	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	46.220%		
24) Chloroform-d	4.243	84	202365	20.061	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.240%		
26) 1,2-Dichloroethane-d4	4.937	65	115721	21.511	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.040%		
32) Benzene-d6	4.953	84	369099	30.879	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.520%		
36) 1,2-Dichloropropane-d6	5.986	67	119123	33.132	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	132.520%#		
41) Toluene-d8	7.239	98	226309	20.999	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	7.558	79	29289	18.242	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.960%		
47) 2-Hexanone-d5	8.037	63	14865	25.901	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.800%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	72384	24.560	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	26562	19.460	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.840%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	63871m	35.097	ug/L	
16) Methylene chloride	2.442	84	16616	2.470	ug/L	93
22) 2-Butanone	3.941	43	23980m	15.627	ug/L	

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

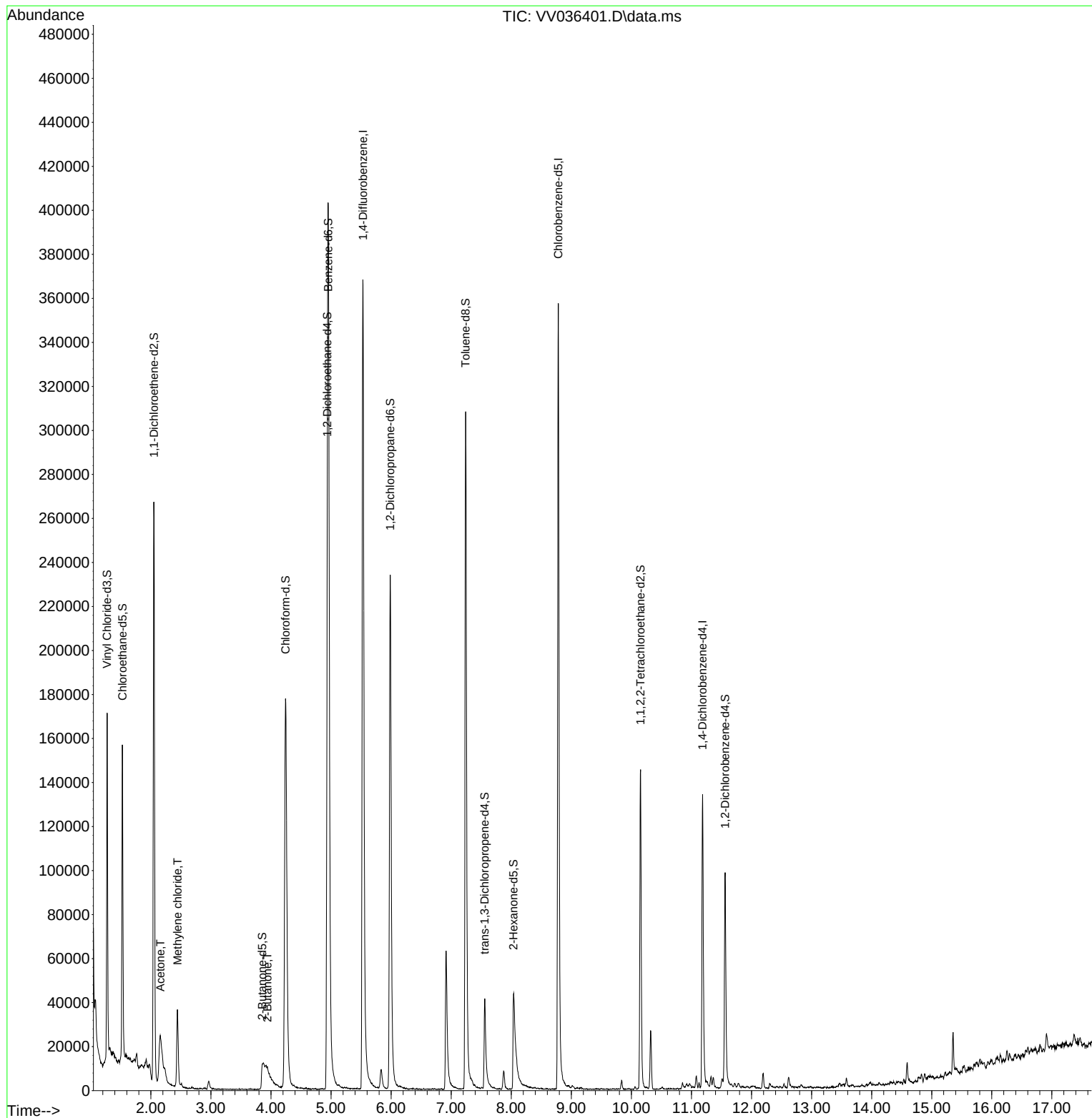
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
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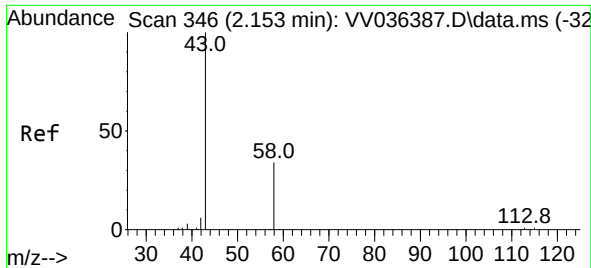
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
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#13

Acetone

Concen: 35.097 ug/L m

RT: 2.159 min Scan# 346

Delta R.T. 0.006 min

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Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 6387

Ion Ratio Lower Upper

43 100

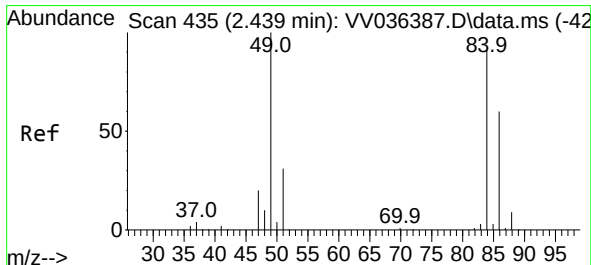
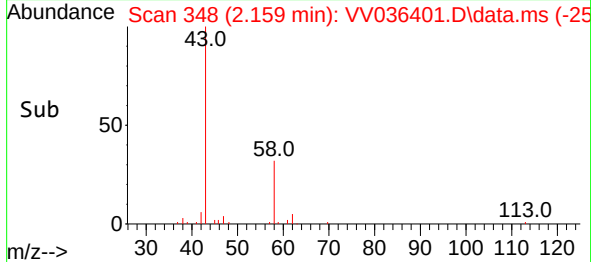
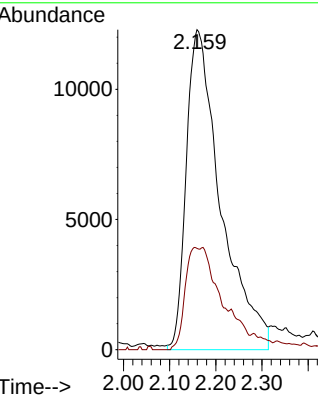
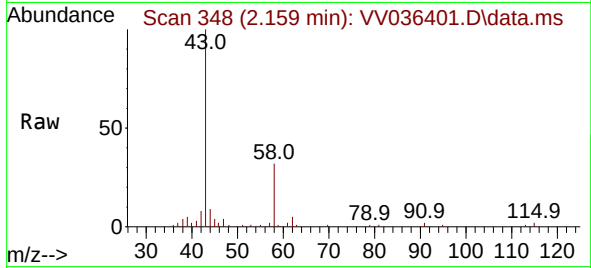
58 13.6 0.0 0.6

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#16

Methylene chloride

Concen: 2.470 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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Acq: 02 Jul 2024 02:11

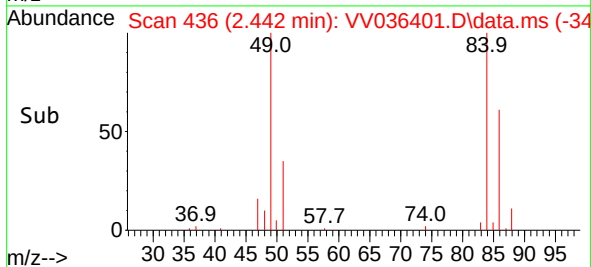
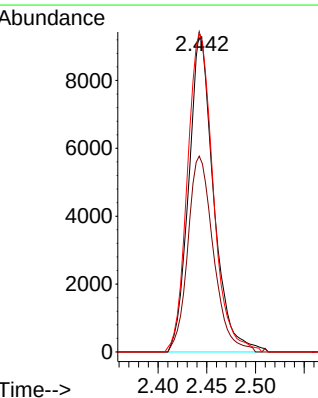
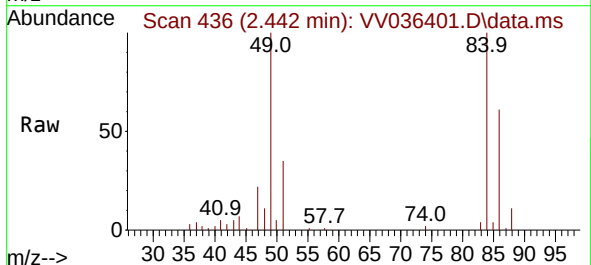
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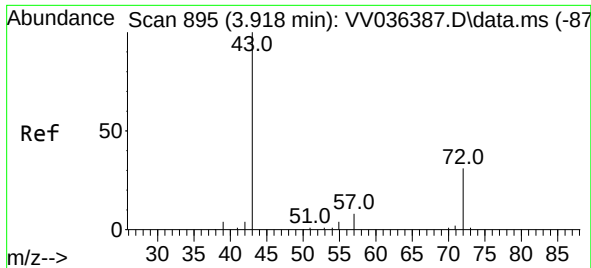
Ion Ratio Lower Upper

84 100

86 61.2 45.6 84.8

49 99.8 75.7 140.5





#22
2-Butanone
Concen: 15.627 ug/L m
RT: 3.941 min Scan# 90
Delta R.T. 0.022 min
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Tgt Ion: 43 Resp: 23980
Ion Ratio Lower Upper
43 100
72 10.7 12.9 38.7

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