

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036179.D
 Acq On : 20 Jun 2024 22:28
 Operator : SY/MD
 Sample : P2962-02
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T74

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 05:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311945	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	248622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	132566	23.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.440%		
7) Chloroethane-d5	1.526	69	107808	23.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.320%		
11) 1,1-Dichloroethene-d2	2.050	65	50982	19.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.880%		
21) 2-Butanone-d5	3.828	46	50004	38.001	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.000%		
24) Chloroform-d	4.246	84	209858	21.161	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.640%		
26) 1,2-Dichloroethane-d4	4.937	65	130652	25.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.520%		
32) Benzene-d6	4.953	84	398475	26.963	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.840%		
36) 1,2-Dichloropropane-d6	5.986	67	132075	28.379	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.520%		
41) Toluene-d8	7.243	98	281812	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	7.558	79	35804	18.763	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.040%		
47) 2-Hexanone-d5	8.031	63	32505	51.550	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.100%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92401	26.569	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.280%		
66) 1,2-Dichlorobenzene-d4	11.561	152	49135	20.752	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.000%		
Target Compounds					Qvalue	
13) Acetone	2.153	43	14133m	6.895	ug/L	
14) Carbon disulfide	2.233	76	10160	0.586	ug/L	99
16) Methylene chloride	2.442	84	52073	7.377	ug/L	97

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

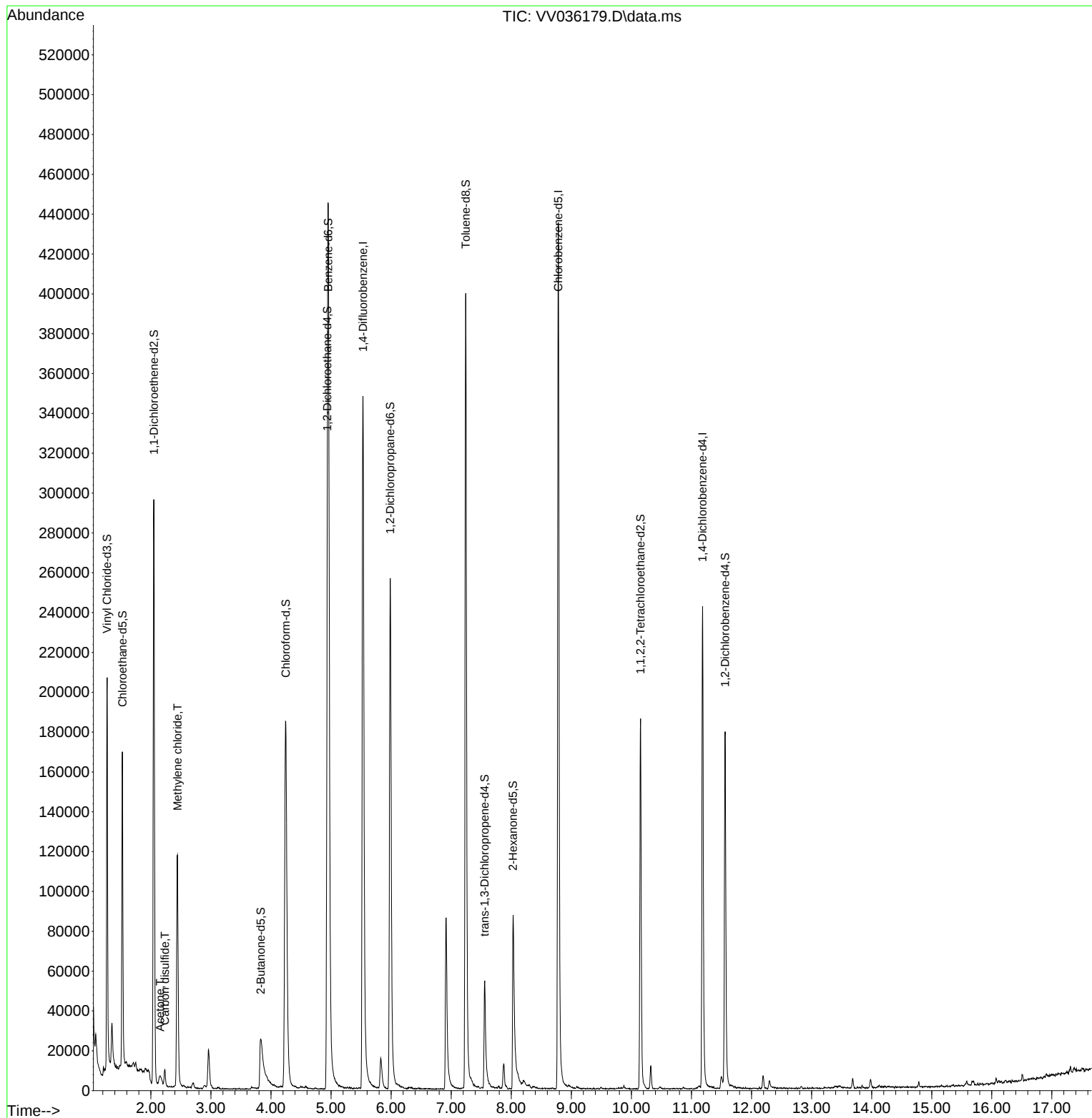
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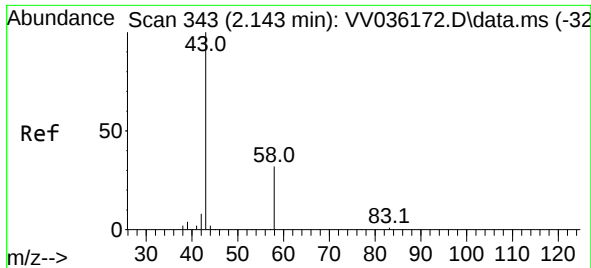
Instrument :
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Quant Time: Jun 21 05:14:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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#13

Acetone

Concen: 6.895 ug/L m

RT: 2.153 min Scan# 343

Delta R.T. 0.007 min

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ClientSampleId :

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Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

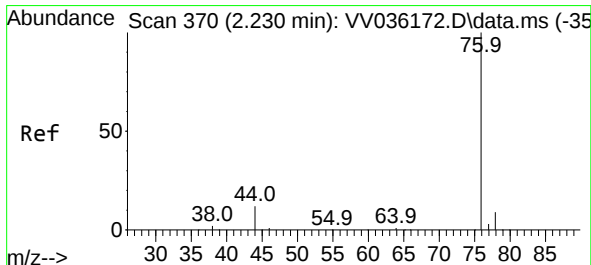
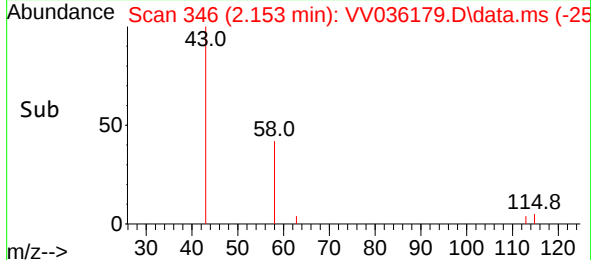
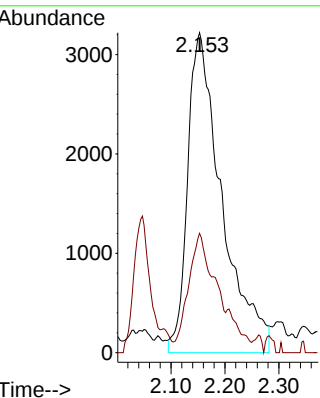
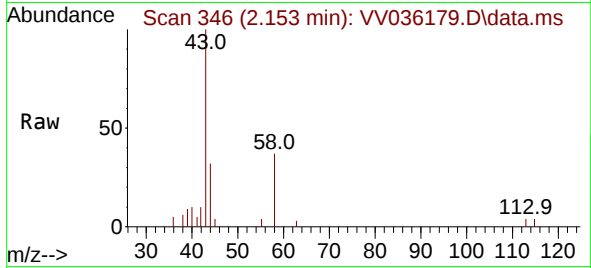
58 18.6 0.0 24.2

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#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036179.D

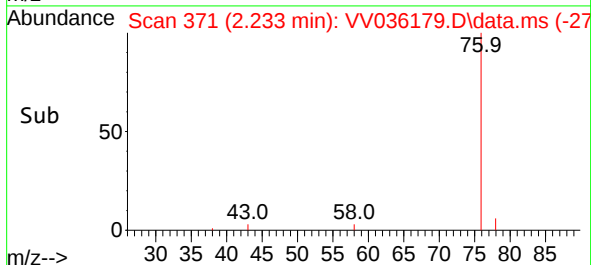
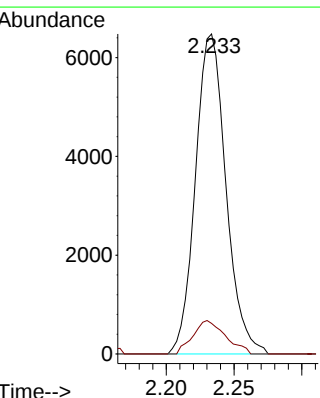
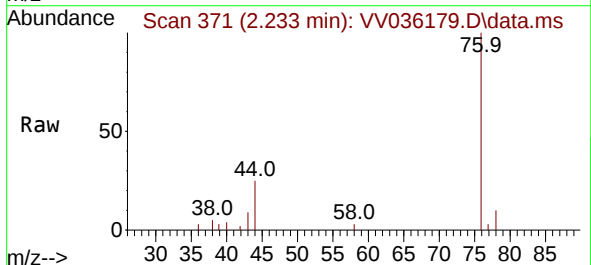
Acq: 20 Jun 2024 22:28

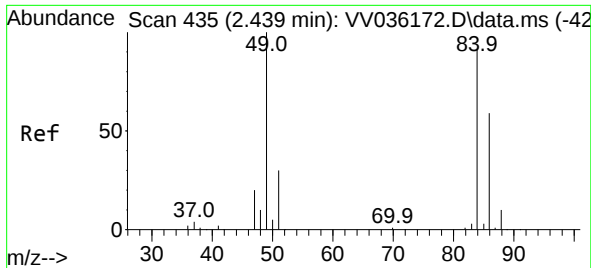
Tgt Ion: 76 Resp: 10160

Ion Ratio Lower Upper

76 100

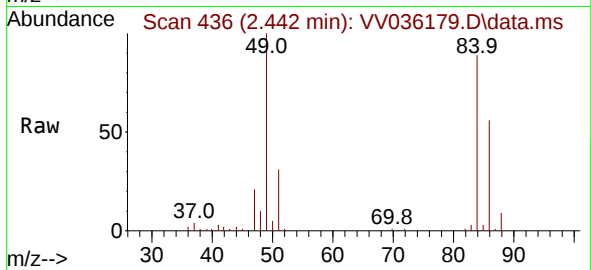
78 9.6 7.4 11.2





#16
Methylene chloride
Concen: 7.377 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 5207
Ion Ratio Lower Upper
84 100
86 62.4 44.6 82.8
49 112.2 81.1 150.5

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