

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036190.D
 Acq On : 21 Jun 2024 02:45
 Operator : SY/MD
 Sample : P2962-11
 Misc : 2.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T83

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 05:16:59 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	5.529	114	683662	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	625051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	245665	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	186113	14.807	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.240%		
7) Chloroethane-d5	1.526	69	160374m	16.002	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.000%		
11) 1,1-Dichloroethene-d2	2.050	65	80883	14.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.840%		
21) 2-Butanone-d5	3.838	46	57962	20.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.200%		
24) Chloroform-d	4.243	84	359748	16.551	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	66.200%		
26) 1,2-Dichloroethane-d4	4.937	65	197210	17.305	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	69.240%#		
32) Benzene-d6	4.953	84	727001	19.567	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.280%		
36) 1,2-Dichloropropane-d6	5.982	67	216531	18.506	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.040%		
41) Toluene-d8	7.239	98	626283	19.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.400%		
43) trans-1,3-Dichloroprop...	7.555	79	79797	16.633	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.520%		
47) 2-Hexanone-d5	8.030	63	48191	30.400	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	146437	16.749	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.000%		
66) 1,2-Dichlorobenzene-d4	11.558	152	184294	20.457	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.840%		
Target Compounds						Qvalue
13) Acetone	2.150	43	14780m	3.290	ug/L	
14) Carbon disulfide	2.233	76	161526	4.249	ug/L	99
16) Methylene chloride	2.439	84	114474	7.400	ug/L	94

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

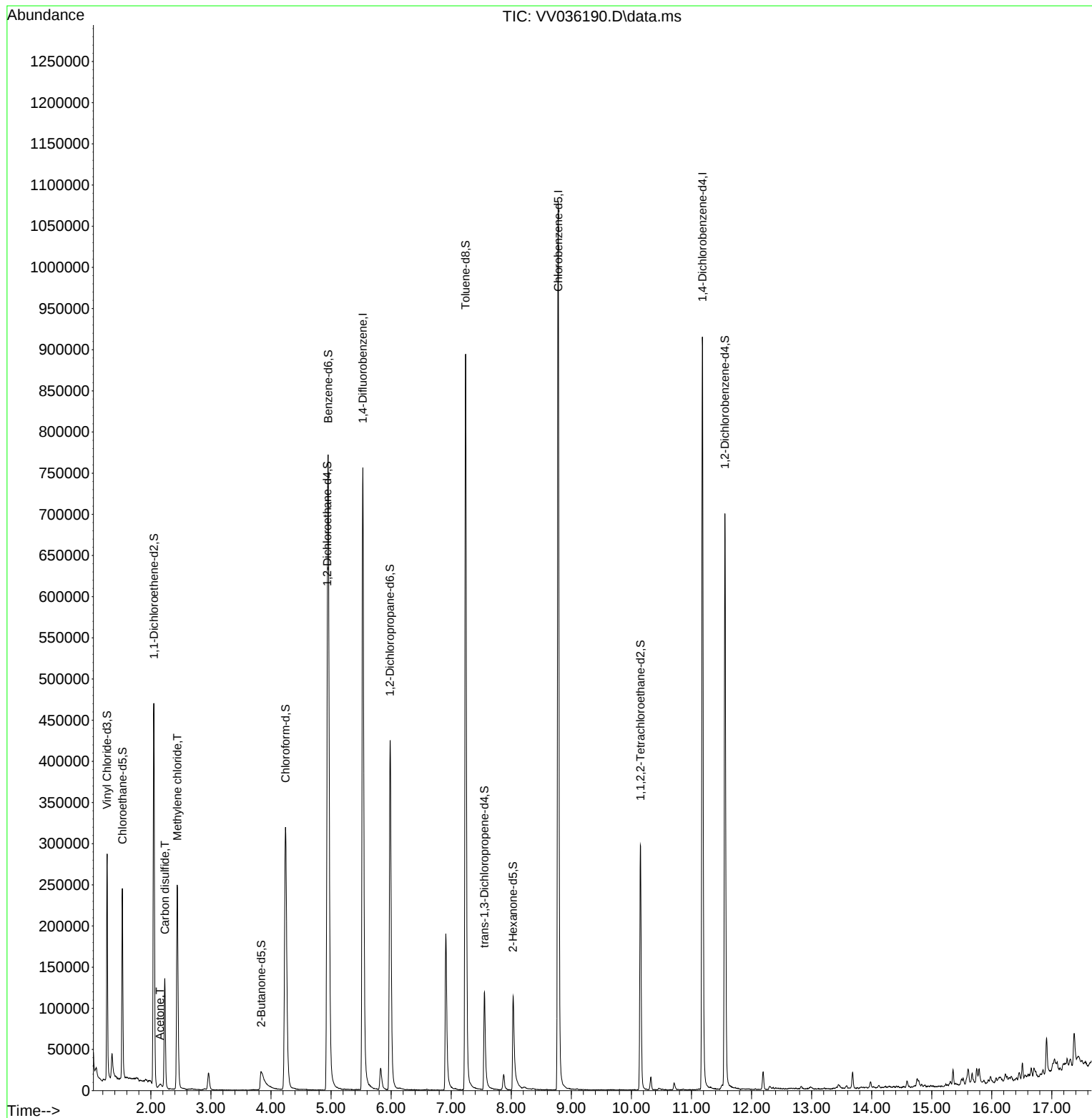
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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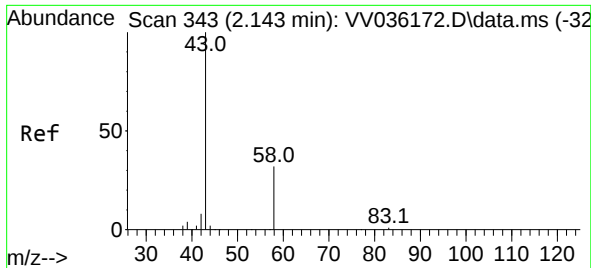
Instrument :
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Quant Title : VOC Analysis
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#13

Acetone

Concen: 3.290 ug/L m

RT: 2.150 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036190.D

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ClientSampleId :

C0T83

Tgt Ion: 43 Resp: 14780

Ion Ratio Lower Upper

43 100

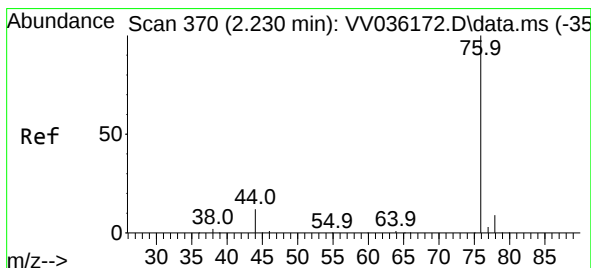
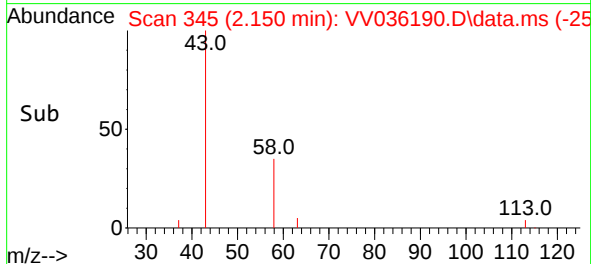
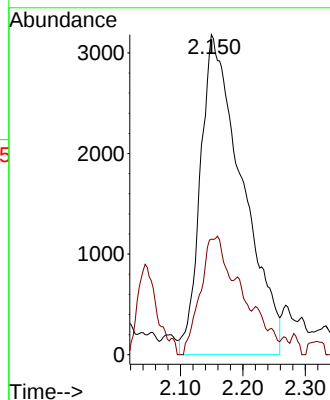
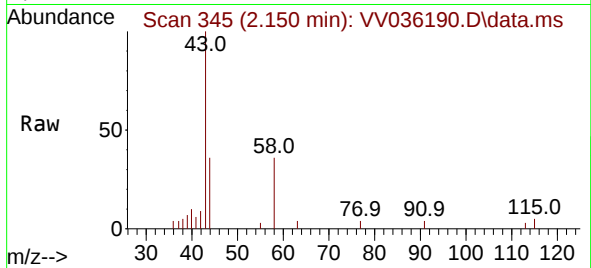
58 12.3 0.0 24.2

Manual Integrations

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#14

Carbon disulfide

Concen: 4.249 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036190.D

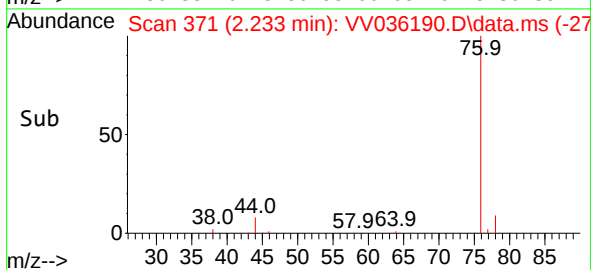
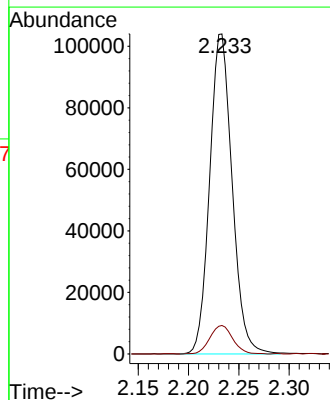
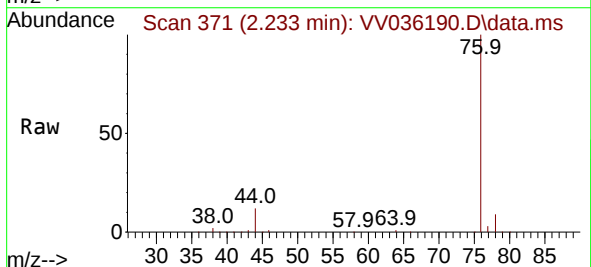
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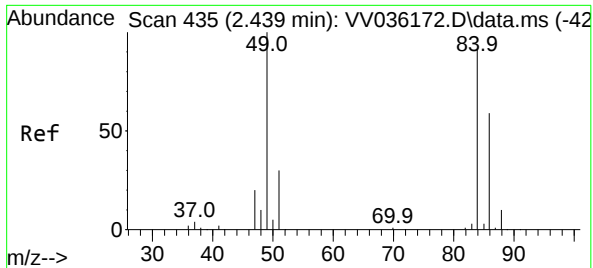
Tgt Ion: 76 Resp: 161526

Ion Ratio Lower Upper

76 100

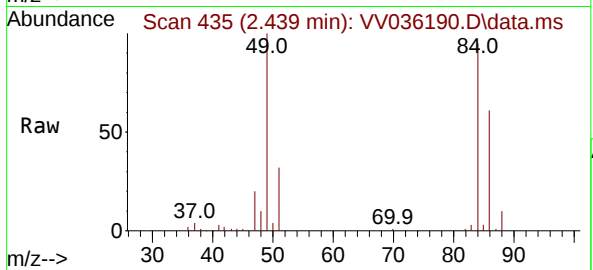
78 8.9 7.4 11.2





#16
Methylene chloride
Concen: 7.400 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
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Tgt Ion: 84 Resp: 114474
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 105.5 81.1 150.5

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