

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036191.D
 Acq On : 21 Jun 2024 03:08
 Operator : SY/MD
 Sample : P2962-10
 Misc : 4.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COT82

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 05:17:12 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	688444	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	682385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	336169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	193045	15.252	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.000%		
7) Chloroethane-d5	1.526	69	161004	15.953	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.800%		
11) 1,1-Dichloroethene-d2	2.050	65	84508	14.998	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.000%		
21) 2-Butanone-d5	3.835	46	65141m	22.432	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.860%		
24) Chloroform-d	4.243	84	380965m	17.406	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.640%		
26) 1,2-Dichloroethane-d4	4.937	65	209746	18.278	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.120%		
32) Benzene-d6	4.953	84	777671	19.172	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.680%		
36) 1,2-Dichloropropane-d6	5.986	67	230965	18.081	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	72.320%		
41) Toluene-d8	7.240	98	697161	19.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.920%		
43) trans-1,3-Dichloroprop...	7.551	79	91839	17.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.120%		
47) 2-Hexanone-d5	8.031	63	54341	31.399	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164700	17.255	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.000%		
66) 1,2-Dichlorobenzene-d4	11.558	152	265743	21.557	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.240%		
Target Compounds					Qvalue	
13) Acetone	2.153	43	17507	3.870	ug/L	86
16) Methylene chloride	2.439	84	128415	8.243	ug/L	93

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

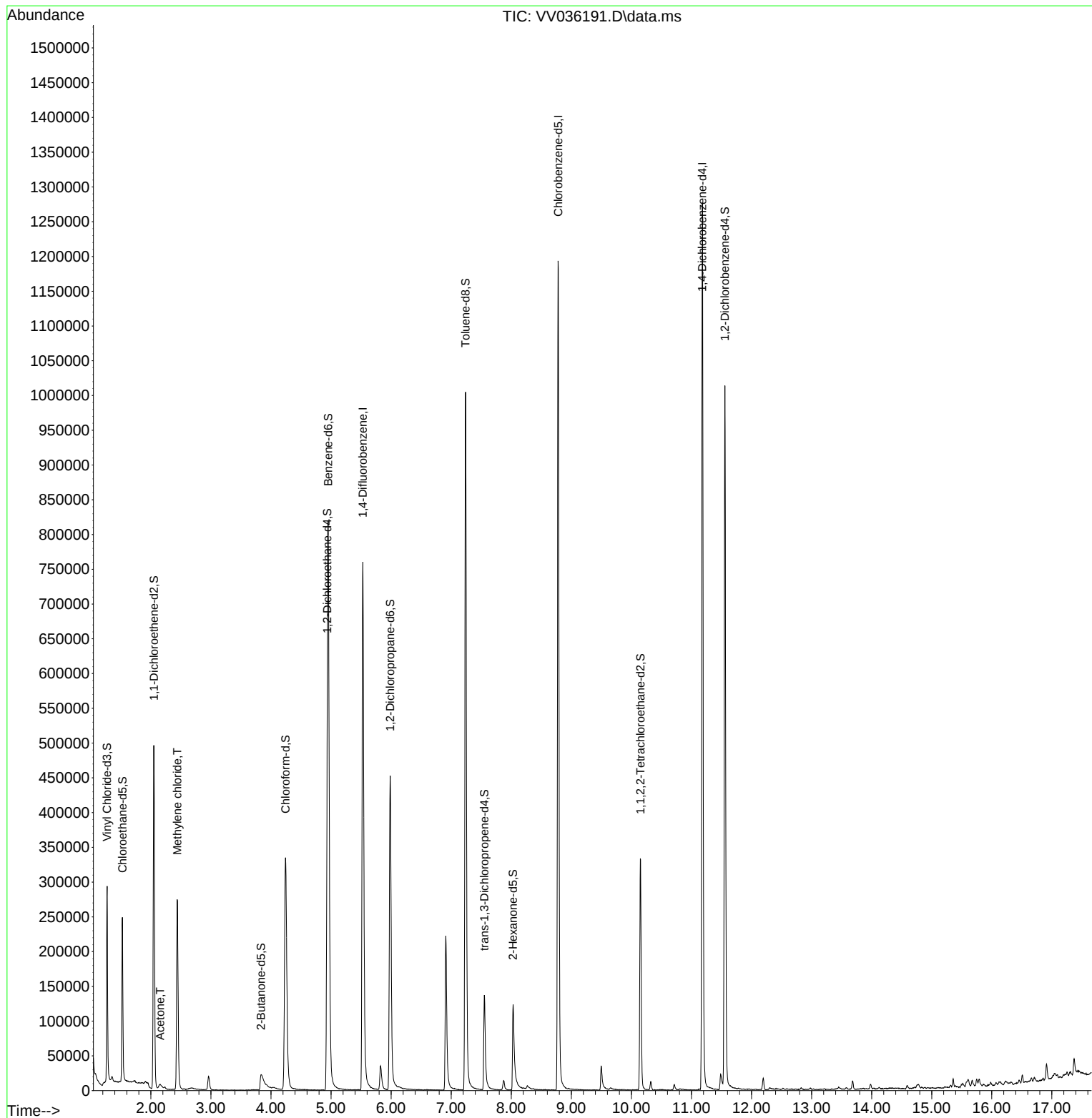
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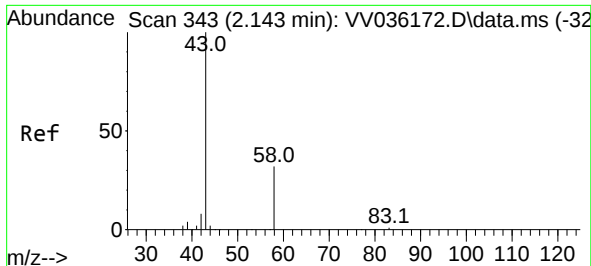
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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#13

Acetone

Concen: 3.870 ug/L

RT: 2.153 min Scan# 343

Delta R.T. 0.007 min

Lab File: VV036191.D

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Instrument :

MSVOA_V

ClientSampleId :

COT82

Tgt Ion: 43 Resp: 1750

Ion Ratio Lower Upper

43 100

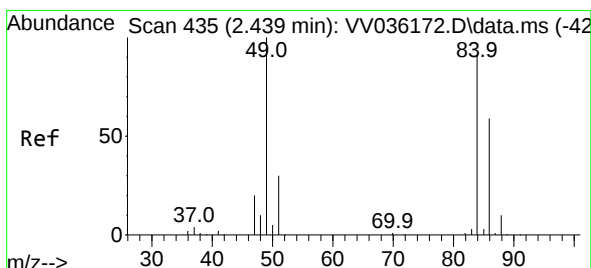
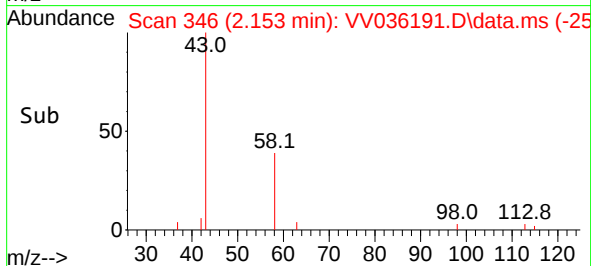
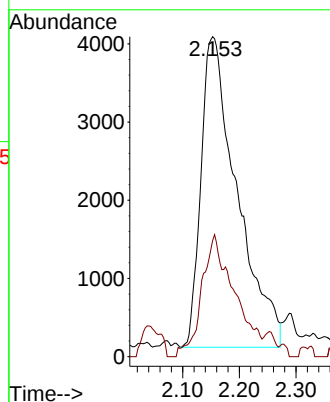
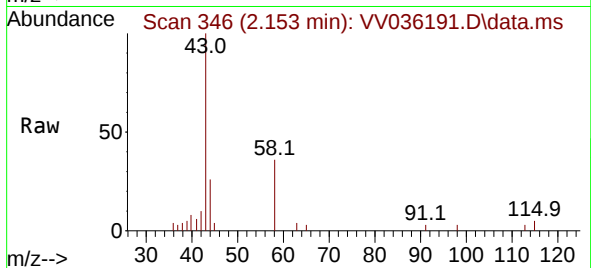
58 17.5 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 8.243 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036191.D

Acq: 21 Jun 2024 03:08

Tgt Ion: 84 Resp: 128415

Ion Ratio Lower Upper

84 100

86 64.7 44.6 82.8

49 104.2 81.1 150.5

