

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036098.D
 Acq On : 17 Jun 2024 14:59
 Operator : SY/MD
 Sample : P2909-01
 Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B75

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 18 02:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	486144	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	150019	16.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.120%
7) Chloroethane-d5	1.526	69	132274	18.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.240%
11) 1,1-Dichloroethene-d2	2.050	65	69691	17.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.080%
21) 2-Butanone-d5	3.850	46	32540m	15.868	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.740%
24) Chloroform-d	4.243	84	259723	16.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.200%
26) 1,2-Dichloroethane-d4	4.937	65	129981	16.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.160%#
32) Benzene-d6	4.953	84	457730	21.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.920%
36) 1,2-Dichloropropane-d6	5.985	67	152143	23.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	7.239	98	326926	17.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.160%
43) trans-1,3-Dichloroprop...	7.555	79	43234	16.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.320%
47) 2-Hexanone-d5	8.037	63	17011	19.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	68931	14.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.240%
66) 1,2-Dichlorobenzene-d4	11.561	152	47510	16.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.080%#
Target Compounds					Qvalue	
13) Acetone	2.140	43	14059	4.401	ug/L #	63
16) Methylene chloride	2.442	84	85252	7.750	ug/L	99
42) Toluene	7.326	91	9491	0.405	ug/L	95

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

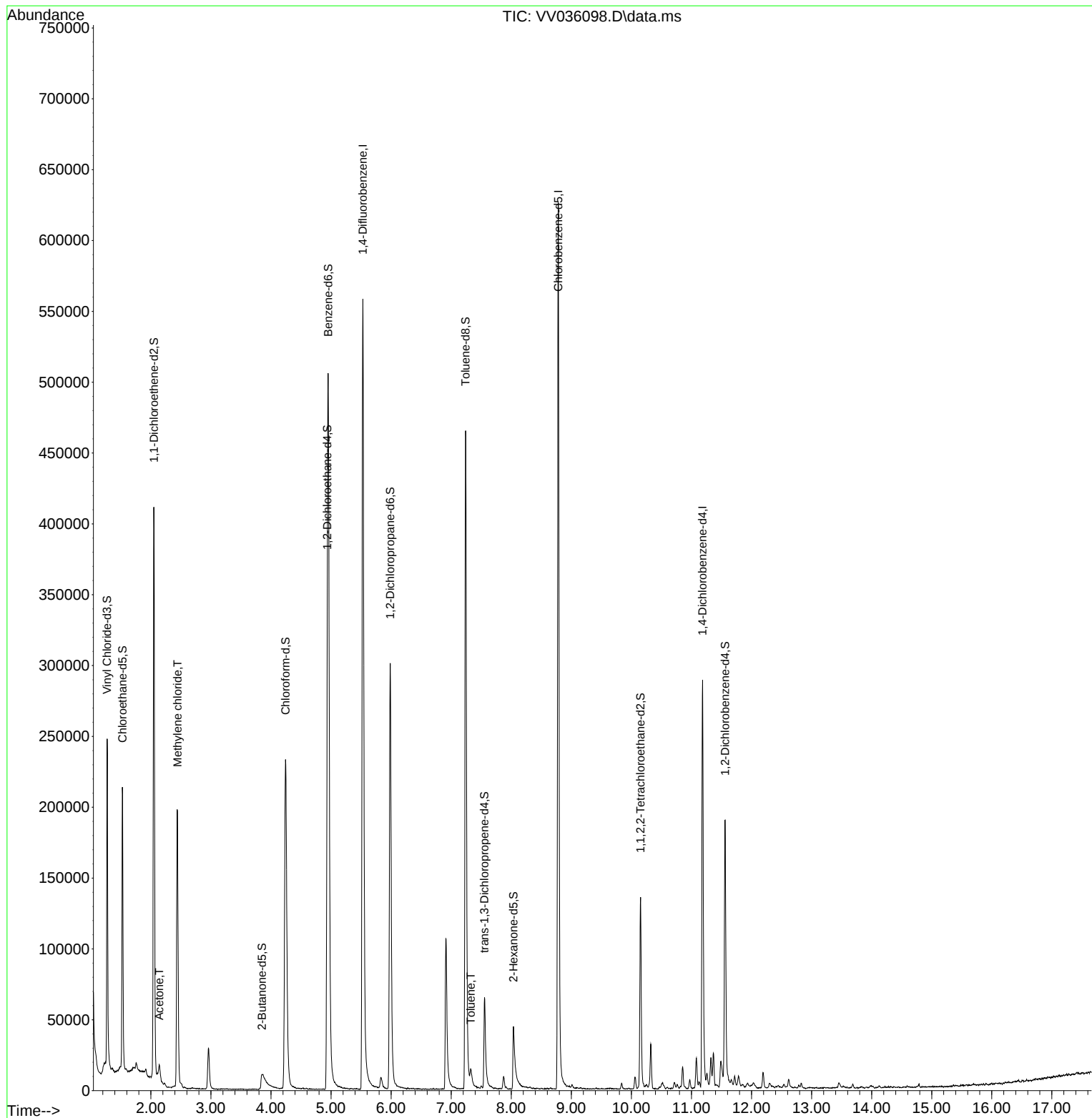
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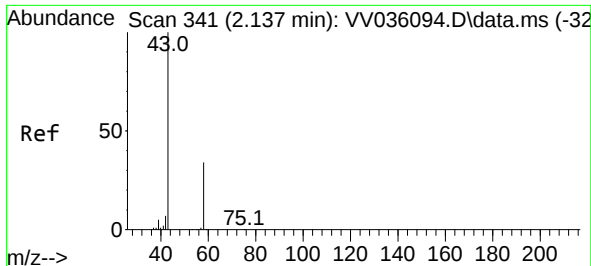
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:10:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.401 ug/L

RT: 2.140 min Scan# 341

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

A4B75

Tgt Ion: 43 Resp: 14059

Ion Ratio Lower Upper

43 100

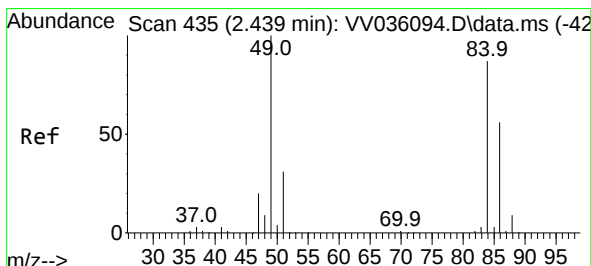
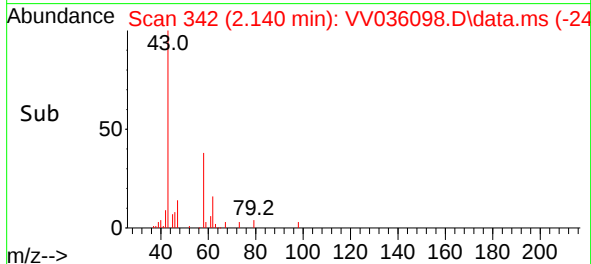
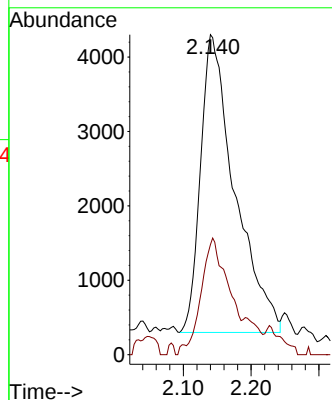
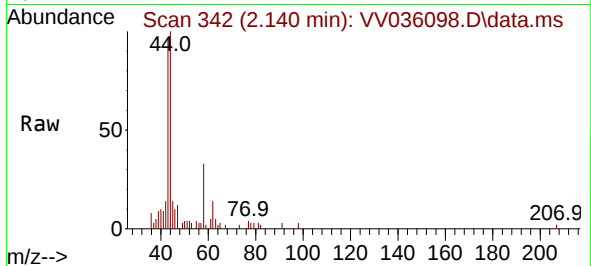
58 26.5 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 7.750 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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Acq: 17 Jun 2024 14:59

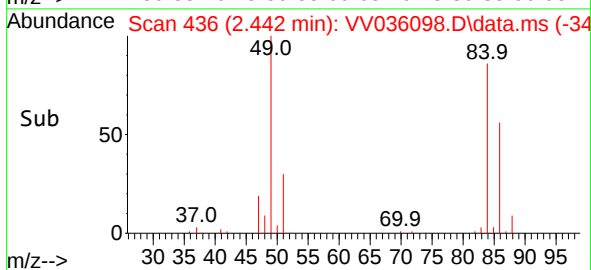
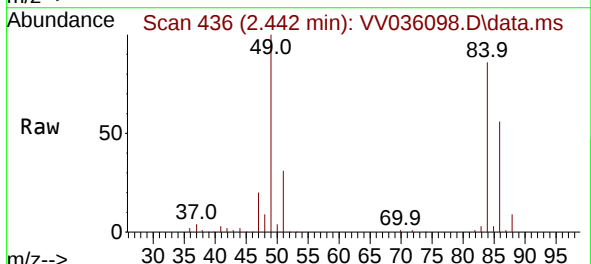
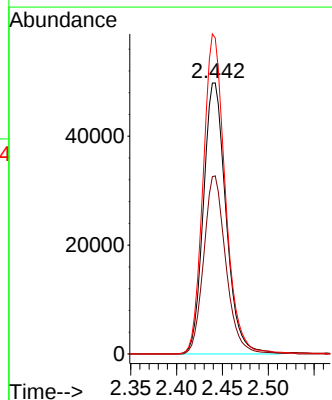
Tgt Ion: 84 Resp: 85252

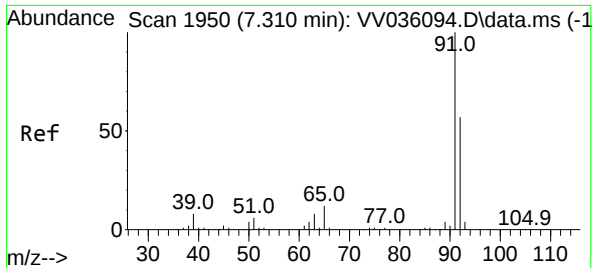
Ion Ratio Lower Upper

84 100

86 65.7 44.6 82.8

49 116.6 81.1 150.5





#42
Toluene
Concen: 0.405 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
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Tgt Ion: 91 Resp: 949
Ion Ratio Lower Upper
91 100
92 54.4 40.6 75.4

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