

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036121.D
 Acq On : 18 Jun 2024 16:03
 Operator : SY/MD
 Sample : P2873-12
 Misc : 3.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2024
 Supervised By :Semsettin Yesilyurt 06/24/2024

Quant Time: Jun 19 03:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	479028	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	376184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75061	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	153708	17.453	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.800%		
7) Chloroethane-d5	1.526	69	130010	18.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.040%		
11) 1,1-Dichloroethene-d2	2.050	65	69606	17.754	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.000%		
21) 2-Butanone-d5	3.825	46	74342	36.791	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.580%		
24) Chloroform-d	4.243	84	277088	18.194	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.760%		
26) 1,2-Dichloroethane-d4	4.937	65	165110	20.678	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.720%		
32) Benzene-d6	4.954	84	512317	22.911	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.640%		
36) 1,2-Dichloropropane-d6	5.986	67	173160	24.590	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.360%		
41) Toluene-d8	7.243	98	367090	18.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.440%		
43) trans-1,3-Dichloroprop...	7.555	79	63182	21.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.520%		
47) 2-Hexanone-d5	8.031	63	43113	45.189	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.380%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112824	21.441	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.760%		
66) 1,2-Dichlorobenzene-d4	11.561	152	49456	17.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	71.880%#		
Target Compounds						Qvalue
13) Acetone	2.140	43	22593m	7.178	ug/L	
14) Carbon disulfide	2.230	76	43738	1.642	ug/L	100
16) Methylene chloride	2.439	84	46404	4.281	ug/L	99
46) Tetrachloroethene	7.902	164	451050	81.786	ug/L	98

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

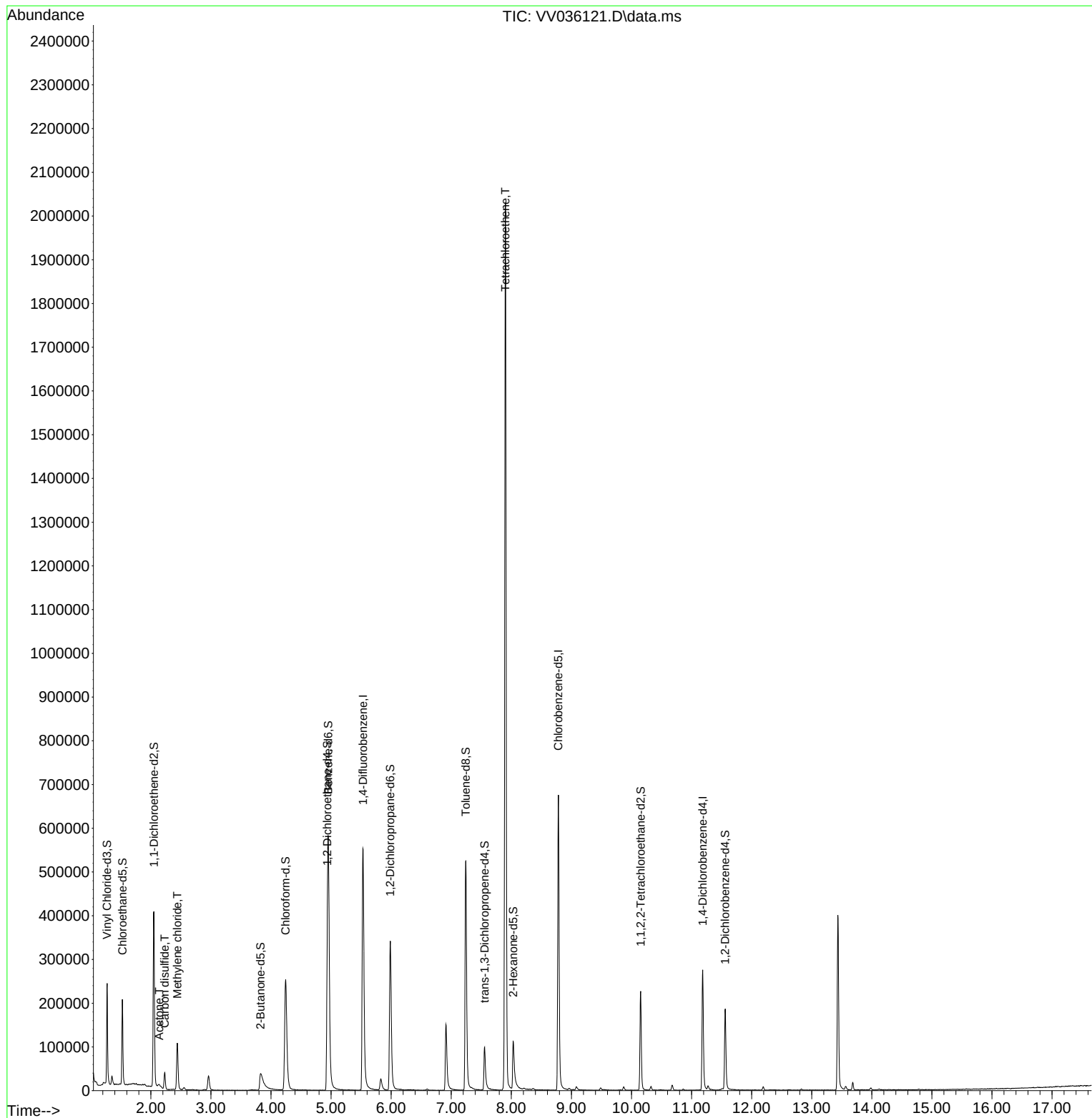
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036121.D
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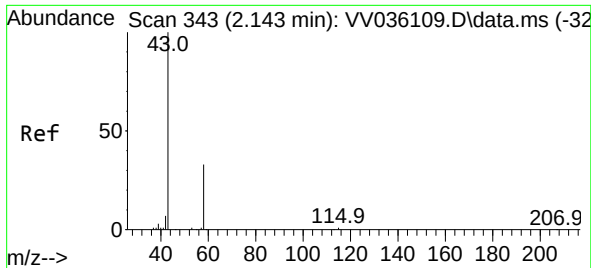
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Quant Title : VOC Analysis
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#13

Acetone

Concen: 7.178 ug/L m

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036121.D

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Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 2259

Ion Ratio Lower Upper

43 100

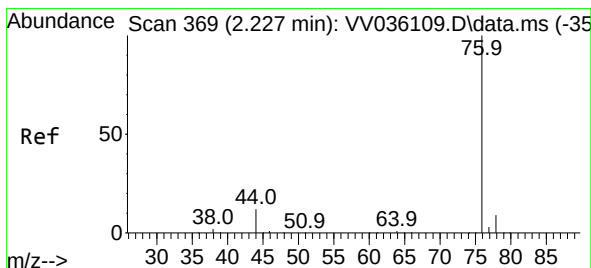
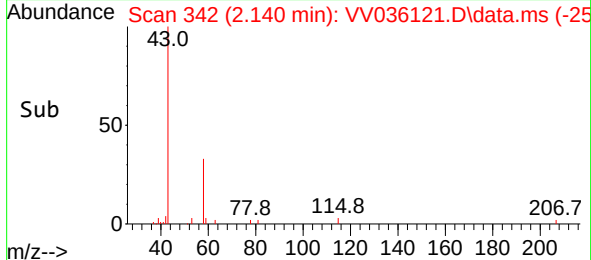
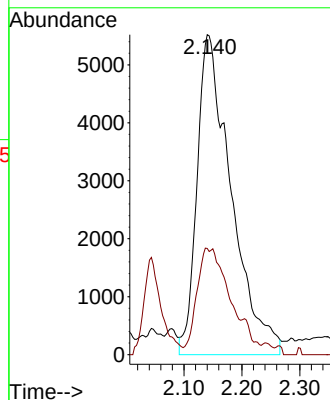
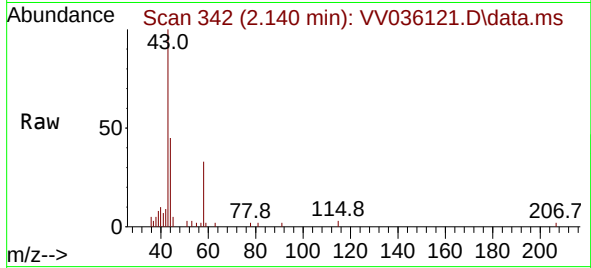
58 11.1 0.0 24.2

Manual Integrations

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#14

Carbon disulfide

Concen: 1.642 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036121.D

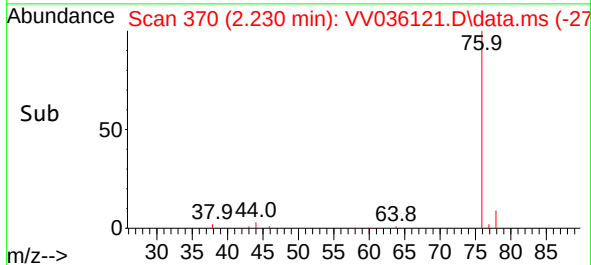
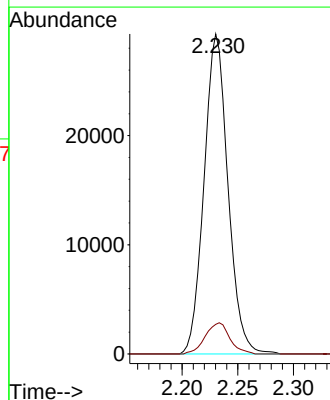
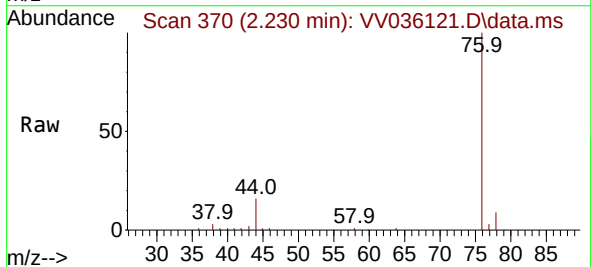
Acq: 18 Jun 2024 16:03

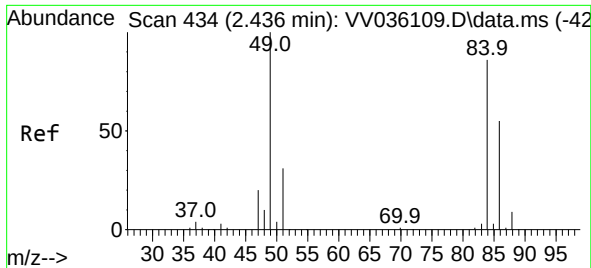
Tgt Ion: 76 Resp: 43738

Ion Ratio Lower Upper

76 100

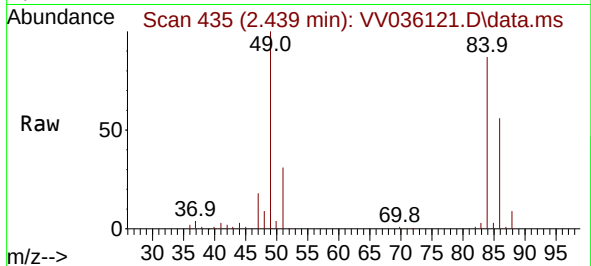
78 9.2 7.4 11.2





#16
Methylene chloride
Concen: 4.281 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036121.D
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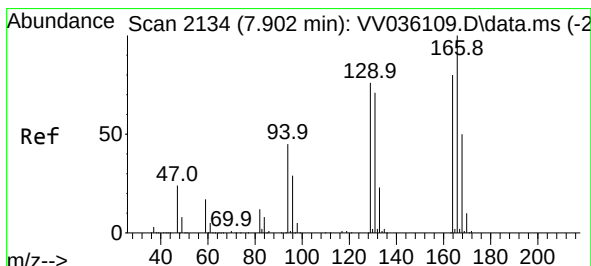
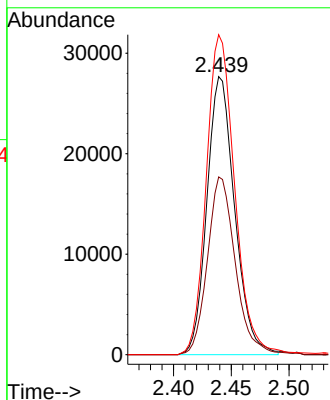
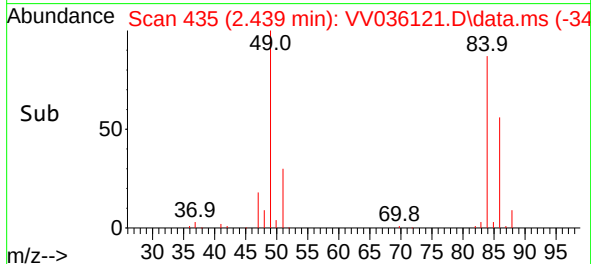
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Tgt Ion: 84 Resp: 46404
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 115.1 81.1 150.5

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#46
Tetrachloroethene
Concen: 81.786 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036121.D
Acq: 18 Jun 2024 16:03

Tgt Ion:164 Resp: 451050
Ion Ratio Lower Upper
164 100
129 95.8 64.6 120.0
131 92.6 63.2 117.4
166 129.1 89.5 166.3

