

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036039.D
 Acq On : 11 Jun 2024 17:04
 Operator : SY/MD
 Sample : P2798-09
 Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB60

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	520992	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	533161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	273968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	172371	17.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.000%		
7) Chloroethane-d5	1.529	69	153367	20.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.320%		
11) 1,1-Dichloroethene-d2	2.053	65	80686	18.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.680%		
21) 2-Butanone-d5	3.841	46	92723m	42.192	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.380%		
24) Chloroform-d	4.243	84	349566	21.105	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.400%		
26) 1,2-Dichloroethane-d4	4.940	65	191700	22.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.280%		
32) Benzene-d6	4.957	84	675054	21.300	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.200%		
36) 1,2-Dichloropropane-d6	5.985	67	223078	22.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.400%		
41) Toluene-d8	7.239	98	557867	19.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.800%		
43) trans-1,3-Dichloroprop...	7.551	79	83270	20.349	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.400%		
47) 2-Hexanone-d5	8.030	63	66891	49.469	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.940%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190333	25.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	222189	22.116	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.480%		
Target Compounds						
16) Methylene chloride	2.442	84	50276	4.265	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	87606	9.838	ug/L	98
34) Trichloroethene	5.841	95	9968	0.933	ug/L	94
46) Tetrachloroethene	7.905	164	40940	5.238	ug/L	99

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

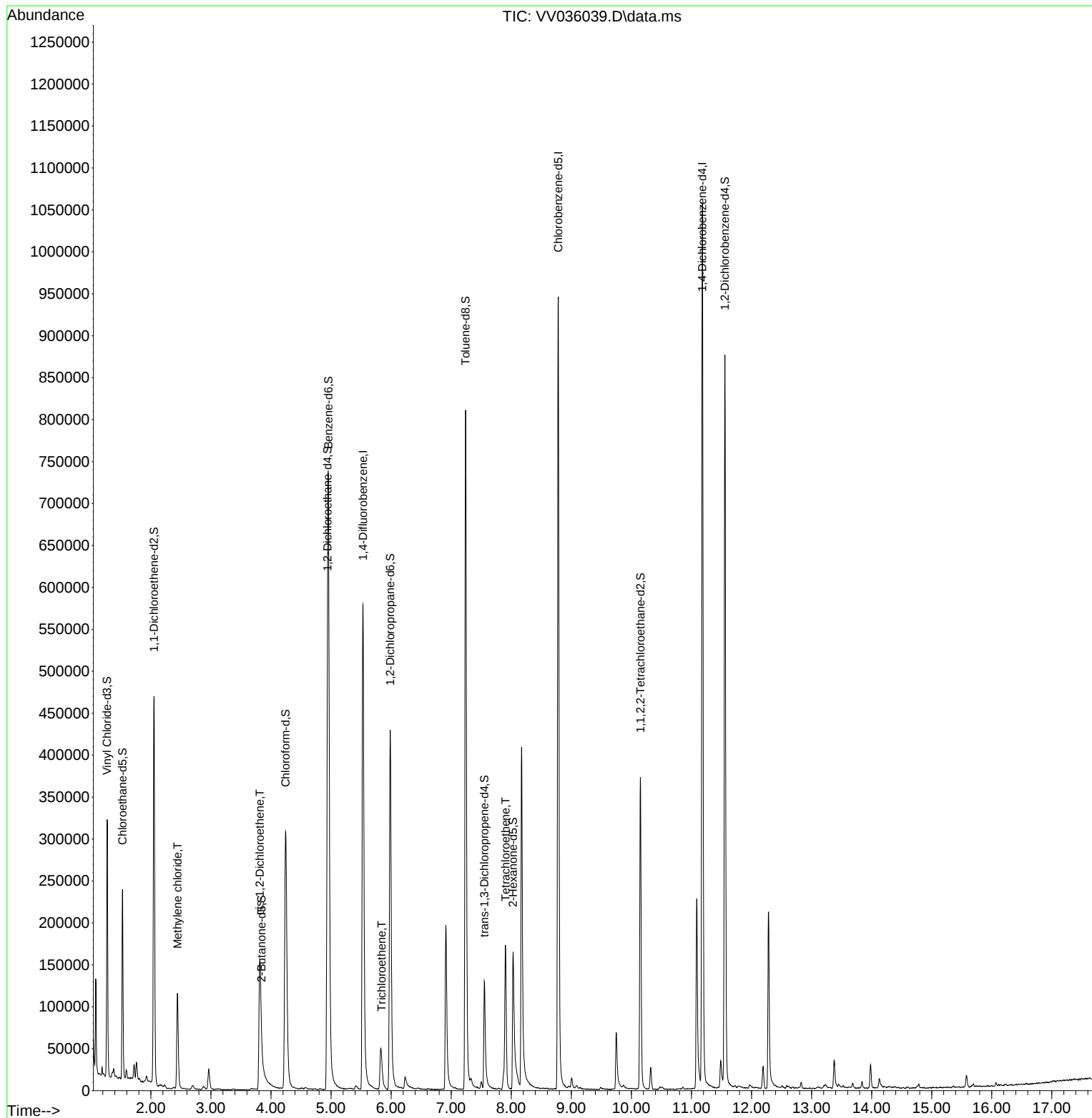
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
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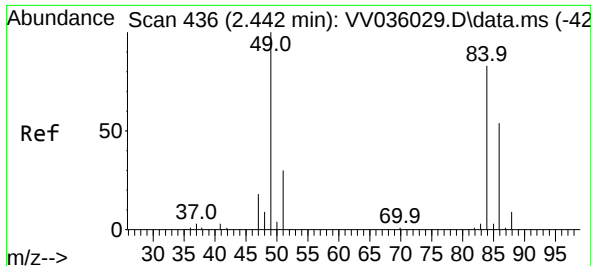
Instrument :
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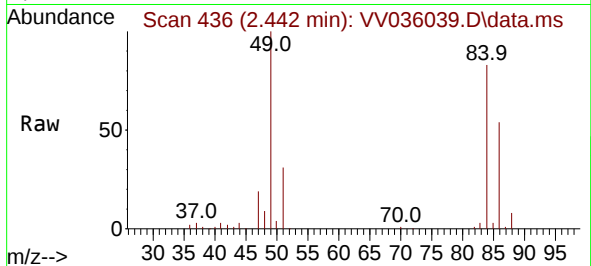
Quant Time: Jun 12 02:09:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#16
Methylene chloride
Concen: 4.265 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04

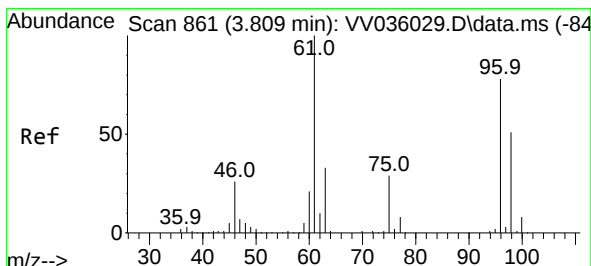
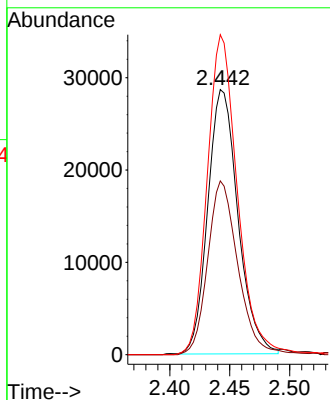
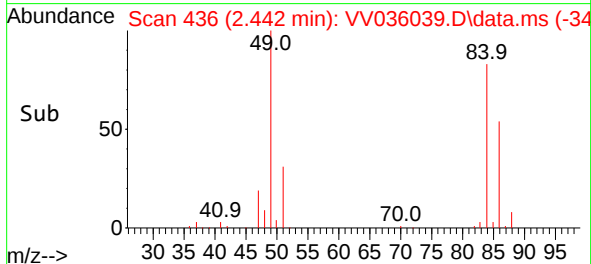
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Tgt Ion: 84 Resp: 50270
Ion Ratio Lower Upper
84 100
86 65.5 44.6 82.8
49 120.7 81.1 150.5

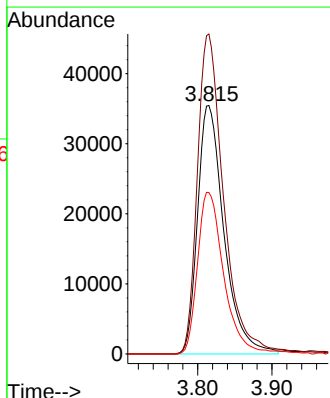
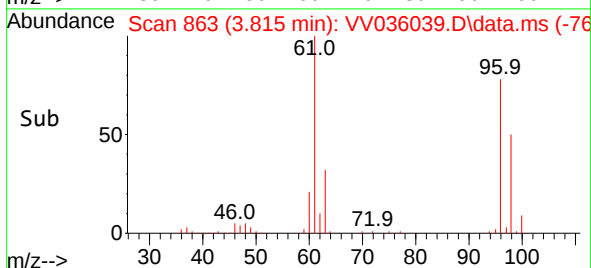
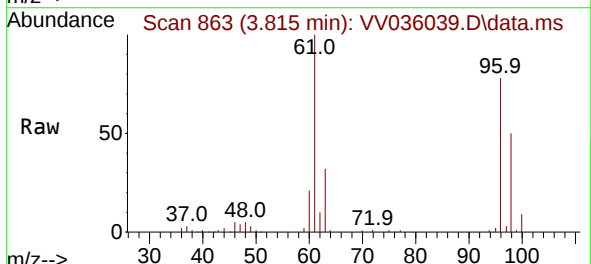
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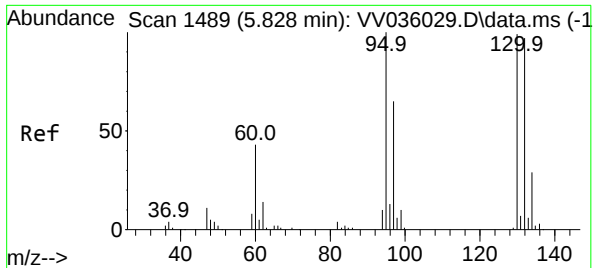
Reviewed By :Mahesh Dadoda 06/12/2024
Supervised By :Semsettin Yesilyurt 06/12/2024



#20
cis-1,2-Dichloroethene
Concen: 9.838 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04

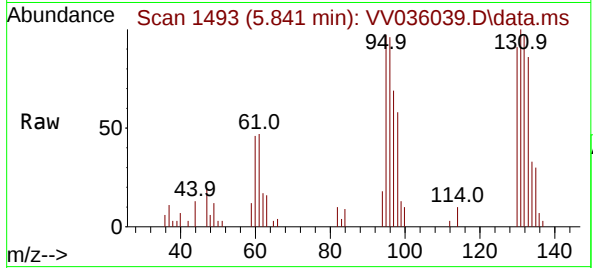
Tgt Ion: 96 Resp: 87606
Ion Ratio Lower Upper
96 100
61 128.8 87.9 163.3
98 65.0 44.4 82.5





#34
Trichloroethene
Concen: 0.933 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04

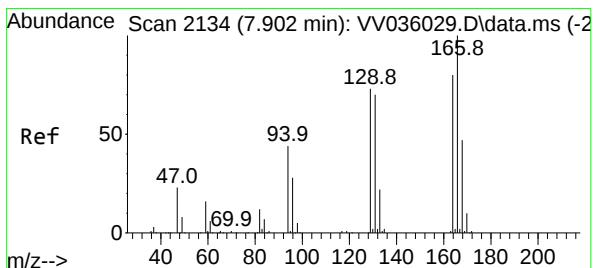
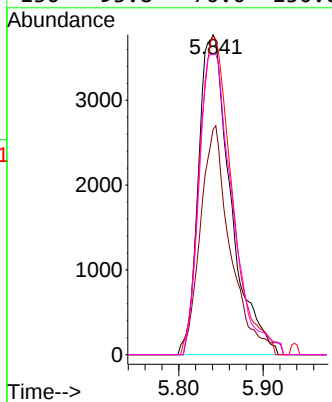
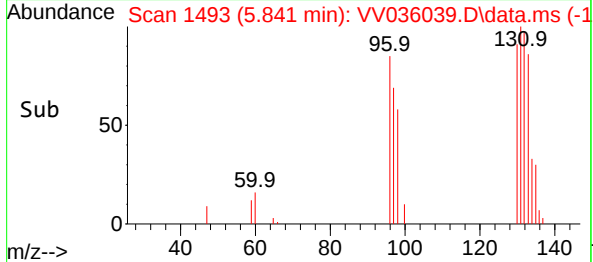
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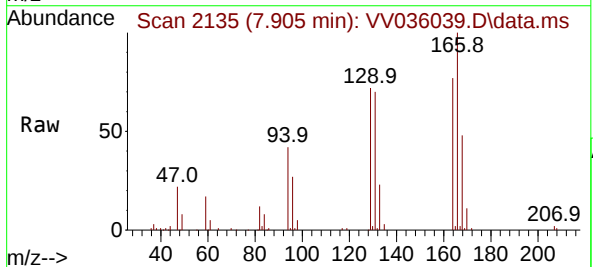
Tgt Ion: 95 Resp: 9968
Ion Ratio Lower Upper
95 100
97 70.4 44.8 83.2
132 99.5 66.8 124.2
130 93.8 70.0 130.0

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#46
Tetrachloroethene
Concen: 5.238 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036039.D
Acq: 11 Jun 2024 17:04



Tgt Ion:164 Resp: 40940
Ion Ratio Lower Upper
164 100
129 93.3 64.6 120.0
131 90.6 63.2 117.4
166 130.1 89.5 166.3

