

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036500.D
 Acq On : 12 Jul 2024 12:00
 Operator : SY/MD
 Sample : VV0712SBL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK344

Quant Time: Jul 13 04:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
 Supervised By :Semsettin Yesilyurt 07/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	306344	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	138633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	109605	24.973	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	99.880%	
7) Chloroethane-d5	1.526	69	94009	24.499	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.050	65	54723	24.281	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	97.120%	
21) 2-Butanone-d5	3.857	46	32205m	42.872	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	85.740%	
24) Chloroform-d	4.243	84	206224	23.127	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	92.520%	
26) 1,2-Dichloroethane-d4	4.937	65	103843	23.480	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	93.920%	
32) Benzene-d6	4.953	84	387414	24.675	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	98.720%	
36) 1,2-Dichloropropane-d6	5.986	67	113851	24.332	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	97.320%	
41) Toluene-d8	7.239	98	341426	23.568	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	94.280%	
43) trans-1,3-Dichloroprop...	7.551	79	43207	22.210	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	88.840%	
47) 2-Hexanone-d5	8.034	63	18096	34.821	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	69.640%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	86636	21.984	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	87.920%	
66) 1,2-Dichlorobenzene-d4	11.558	152	129816	27.593	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	110.360%	
Target Compounds						
16) Methylene chloride	2.442	84	25153	3.994	ug/L	95
64) 1,3-Dichlorobenzene	11.124	146	9633	1.177	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	9318	1.060	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	4896	0.622	ug/L #	87
70) 1,2,4-trichlorobenzene	13.201	180	4793	0.951	ug/L	99

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

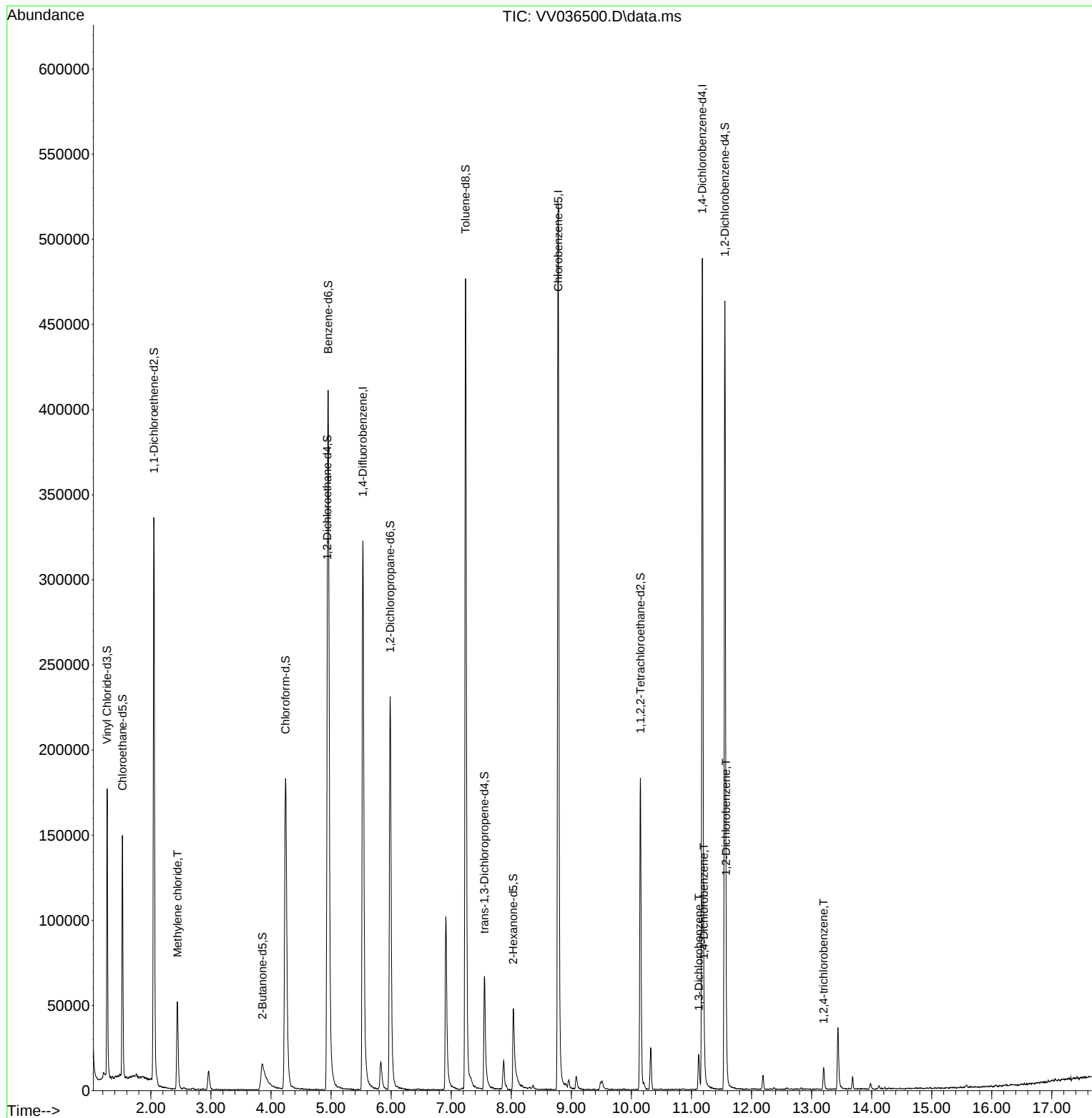
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036500.D
Acq On : 12 Jul 2024 12:00
Operator : SY/MD
Sample : VV0712SBL02
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

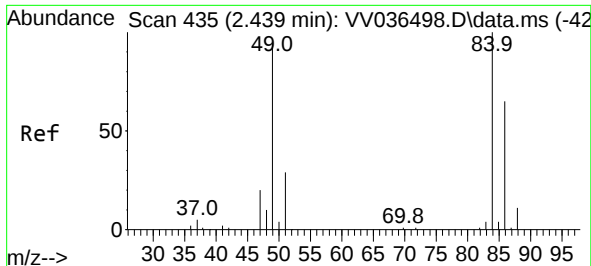
Instrument :
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ClientSampleId :
VBLK344

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Supervised By : Semsettin Yesilyurt 07/16/2024

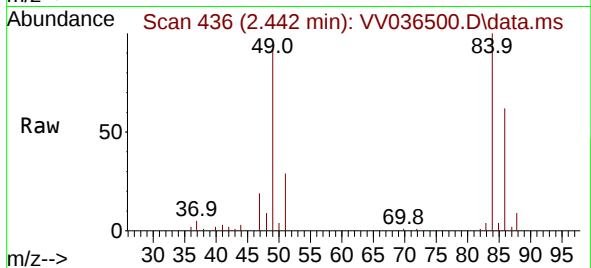
Quant Time: Jul 13 04:08:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration





#16
Methylene chloride
Concen: 3.994 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

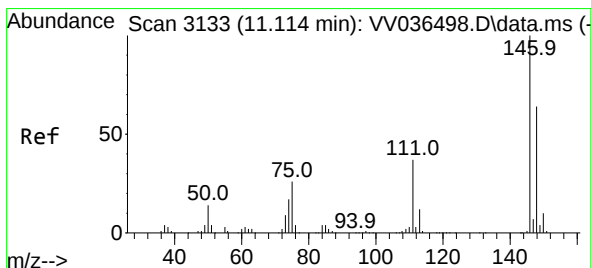
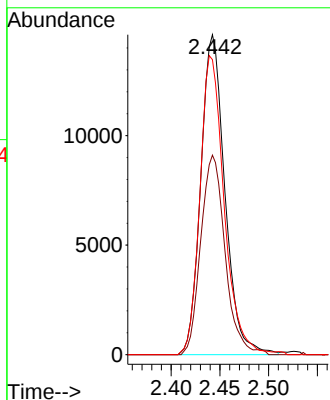
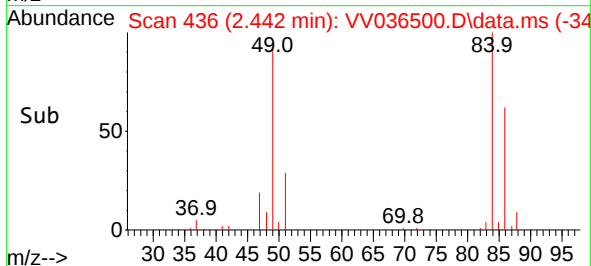
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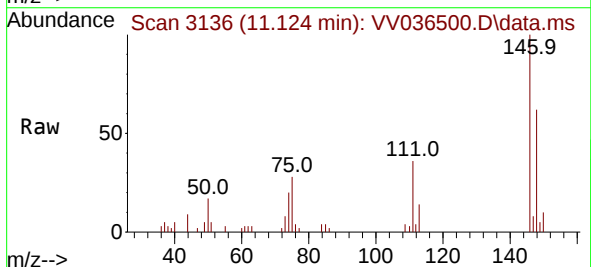
Tgt Ion: 84 Resp: 2515
Ion Ratio Lower Upper
84 100
86 62.3 46.3 86.1
49 92.2 68.1 126.5

Manual Integrations
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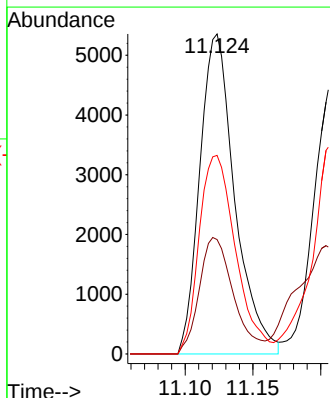
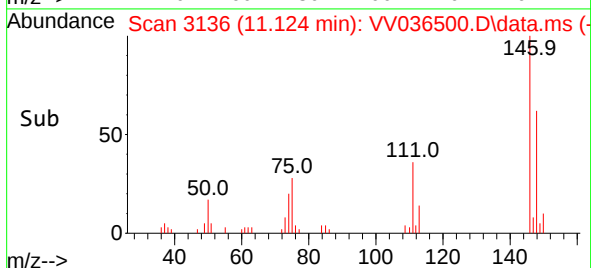
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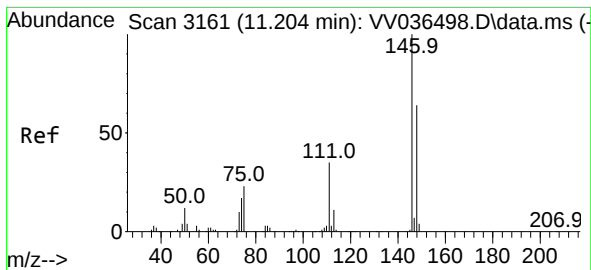


#64
1,3-Dichlorobenzene
Concen: 1.177 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00



Tgt Ion:146 Resp: 9633
Ion Ratio Lower Upper
146 100
111 35.8 25.8 47.8
148 62.0 44.4 82.4





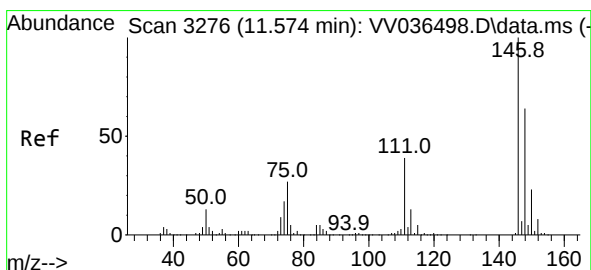
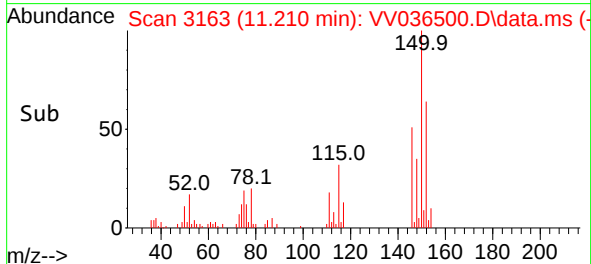
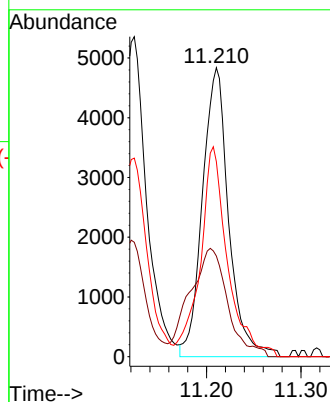
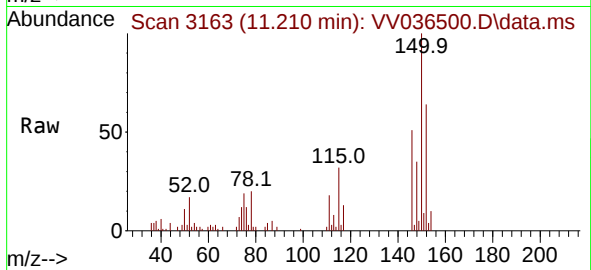
#65
1,4-Dichlorobenzene
Concen: 1.060 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Instrument :
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Tgt Ion:146 Resp: 9318
Ion Ratio Lower Upper
146 100
111 34.9 25.2 46.8
148 67.5 45.2 84.0

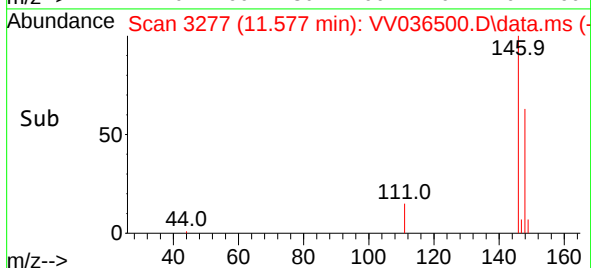
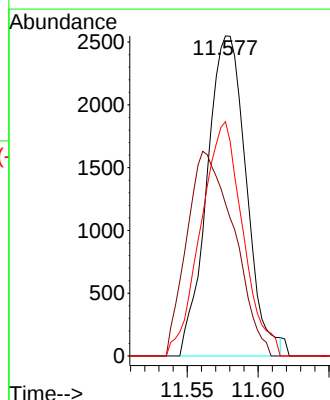
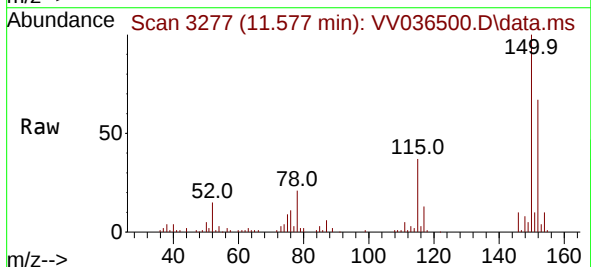
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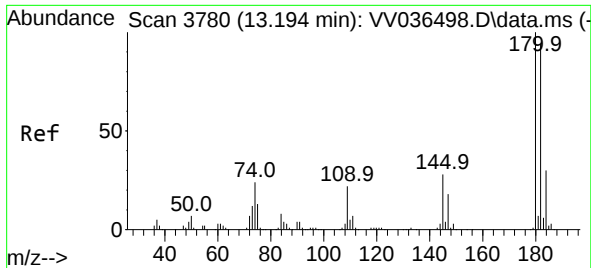
Reviewed By :Mahesh Dadoda 07/16/2024
Supervised By :Semsettin Yesilyurt 07/16/2024



#67
1,2-Dichlorobenzene
Concen: 0.622 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV036500.D
Acq: 12 Jul 2024 12:00

Tgt Ion:146 Resp: 4896
Ion Ratio Lower Upper
146 100
111 47.6 30.8 46.2#
148 73.2 51.3 76.9





#70

1,2,4-trichlorobenzene

Concen: 0.951 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036500.D

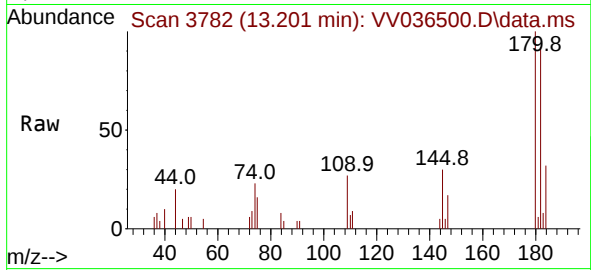
Acq: 12 Jul 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

VBLK344



Tgt Ion:180 Resp: 479

Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

145 26.5 23.0 34.6

Manual Integrations

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