

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030669.D
 Acq On : 19 Apr 2023 16:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:30:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

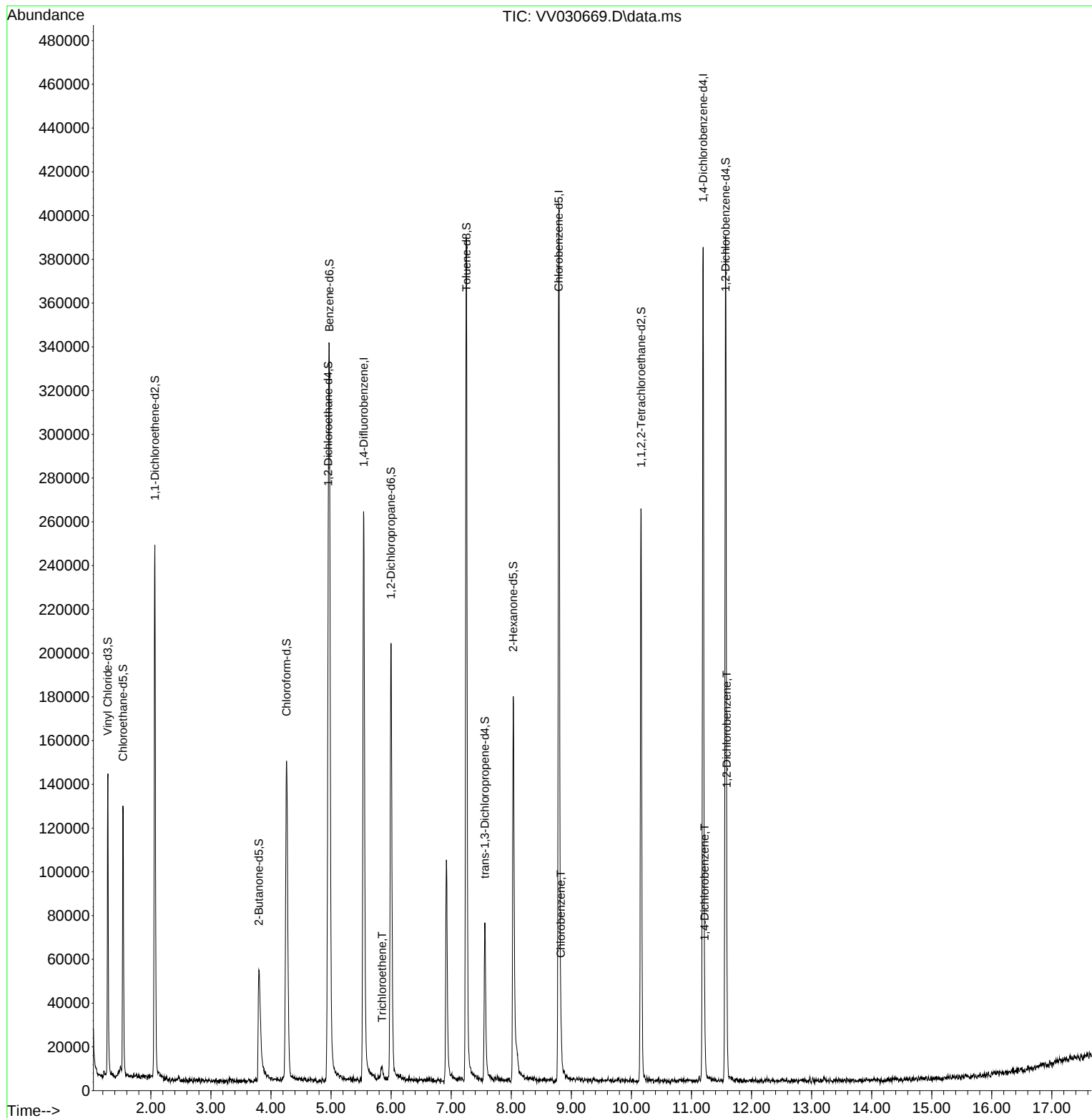
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	220568	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	211744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	89504	55.354	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.700%			
7) Chloroethane-d5	1.535	69	72411	53.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.880%			
11) 1,1-Dichloroethene-d2	2.066	65	41234	53.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.540%			
21) 2-Butanone-d5	3.799	46	94855	106.805	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.800%			
24) Chloroform-d	4.259	84	151205	51.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	4.953	65	104269	55.347	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.700%			
32) Benzene-d6	4.973	84	286156	57.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.320%			
36) 1,2-Dichloropropane-d6	5.998	67	87182	56.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.120%			
41) Toluene-d8	7.252	98	249102	52.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.000%			
43) trans-1,3-Dichloroprop...	7.561	79	41785	53.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.620%			
47) 2-Hexanone-d5	8.034	63	60041	98.010	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.010%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	116199	51.496	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	11.567	152	97847	61.294	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.580%#			
Target Compounds						Qvalue
34) Trichloroethene	5.850	95	1445	0.864	ug/L	90
51) Chlorobenzene	8.825	112	7607	1.668	ug/L	93
65) 1,4-Dichlorobenzene	11.220	146	5262	1.591	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	3750	1.185	ug/L #	78

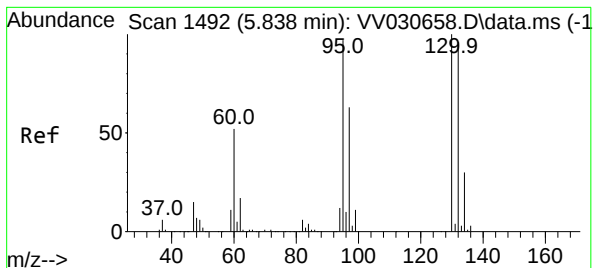
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.864 ug/L

RT: 5.850 min Scan# 1492

Delta R.T. 0.013 min

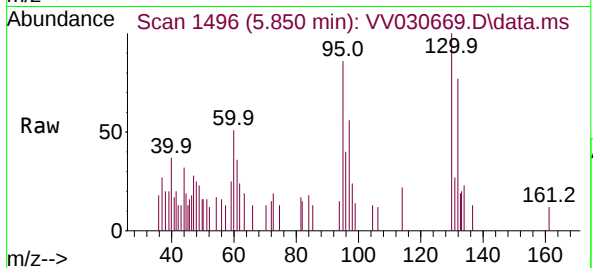
Lab File: VV030669.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 1445

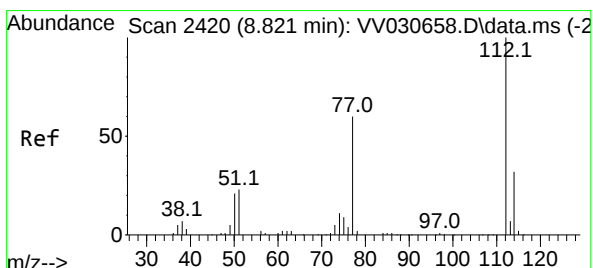
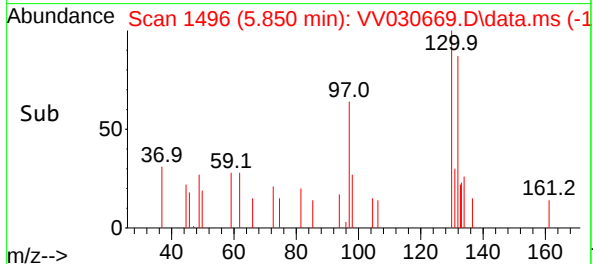
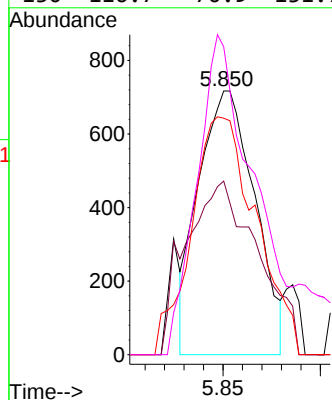
Ion Ratio Lower Upper

95 100

97 65.8 45.8 85.2

132 112.4 70.6 131.2

130 116.7 70.9 131.7



#51

Chlorobenzene

Concen: 1.668 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

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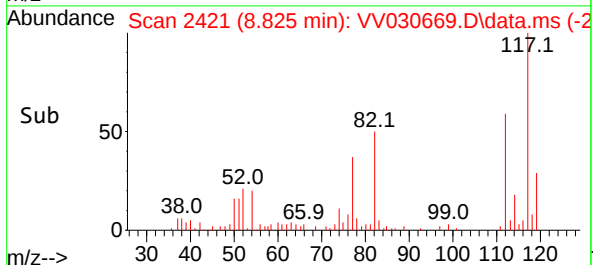
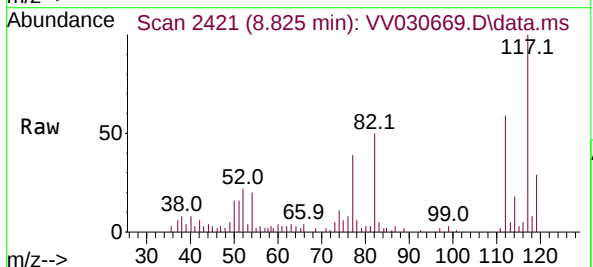
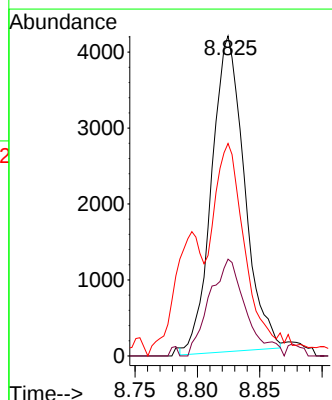
Tgt Ion: 112 Resp: 7607

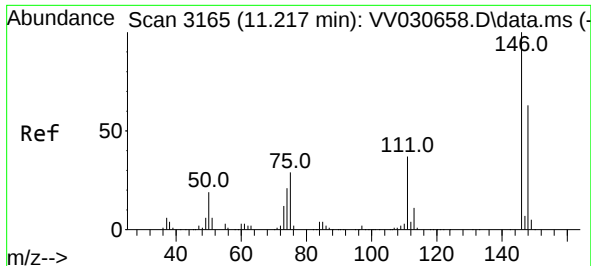
Ion Ratio Lower Upper

112 100

114 30.2 22.4 41.6

77 66.4 47.4 71.0

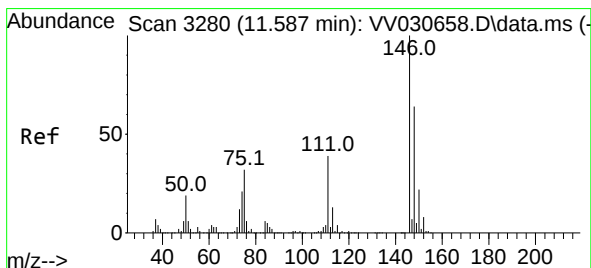
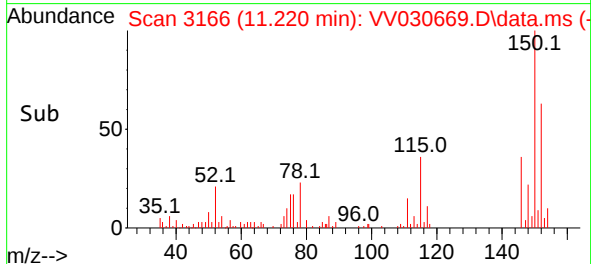
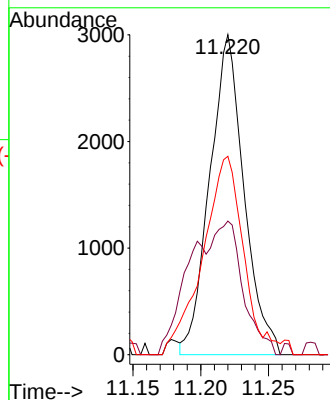
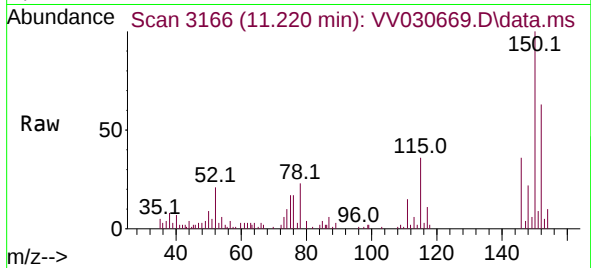




#65
1,4-Dichlorobenzene
Concen: 1.591 ug/L
RT: 11.220 min Scan# 3165
Delta R.T. 0.003 min
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5262
Ion Ratio Lower Upper
146 100
111 41.8 26.5 49.1
148 62.0 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.185 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030669.D
Acq: 19 Apr 2023 16:54

Tgt Ion:146 Resp: 3750
Ion Ratio Lower Upper
146 100
111 67.3 32.0 48.0#
148 69.4 50.6 76.0

