

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010741.D
 Acq On : 08 May 2019 22:35
 Operator : SY/MD
 Sample : K2690-19
 Misc : 5.18G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5165

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:46:26 AM

Quant Time: May 09 04:39:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	4859	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	4772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	922	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1330	17.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.48%		
7) Chloroethane-d5	1.58	69	1573	25.32	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.28%		
10) 1,1-Dichloroethene-d2	2.14	63	2151	13.14	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.56%		
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.00%#		
24) Chloroform-d	4.41	84	3516	26.54	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.16%		
26) 1,2-Dichloroethane-d4	5.09	65	2600	31.43	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	125.72%		
29) Benzene-d6	5.11	84	5725	22.79	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.16%		
33) 1,2-Dichloropropane-d6	6.13	67	2322	29.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	116.04%		
37) Toluene-d8	7.36	98	4902	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.52%		
38) trans-1,3-Dichloropropene-	7.68	79	559	15.32	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.28%		
39) 2-Hexanone-d5	8.15	63	421	25.14	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	50.28%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2422	32.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	128.80%#		
61) 1,2-Dichlorobenzene-d4	11.67	152	1288m	36.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	144.28%#		
Target Compounds						
35) Trichloroethene	5.96	95	45189	575.888	ug/L	98
47) Tetrachloroethene	8.02	164	2036	35.828	ug/L	92

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

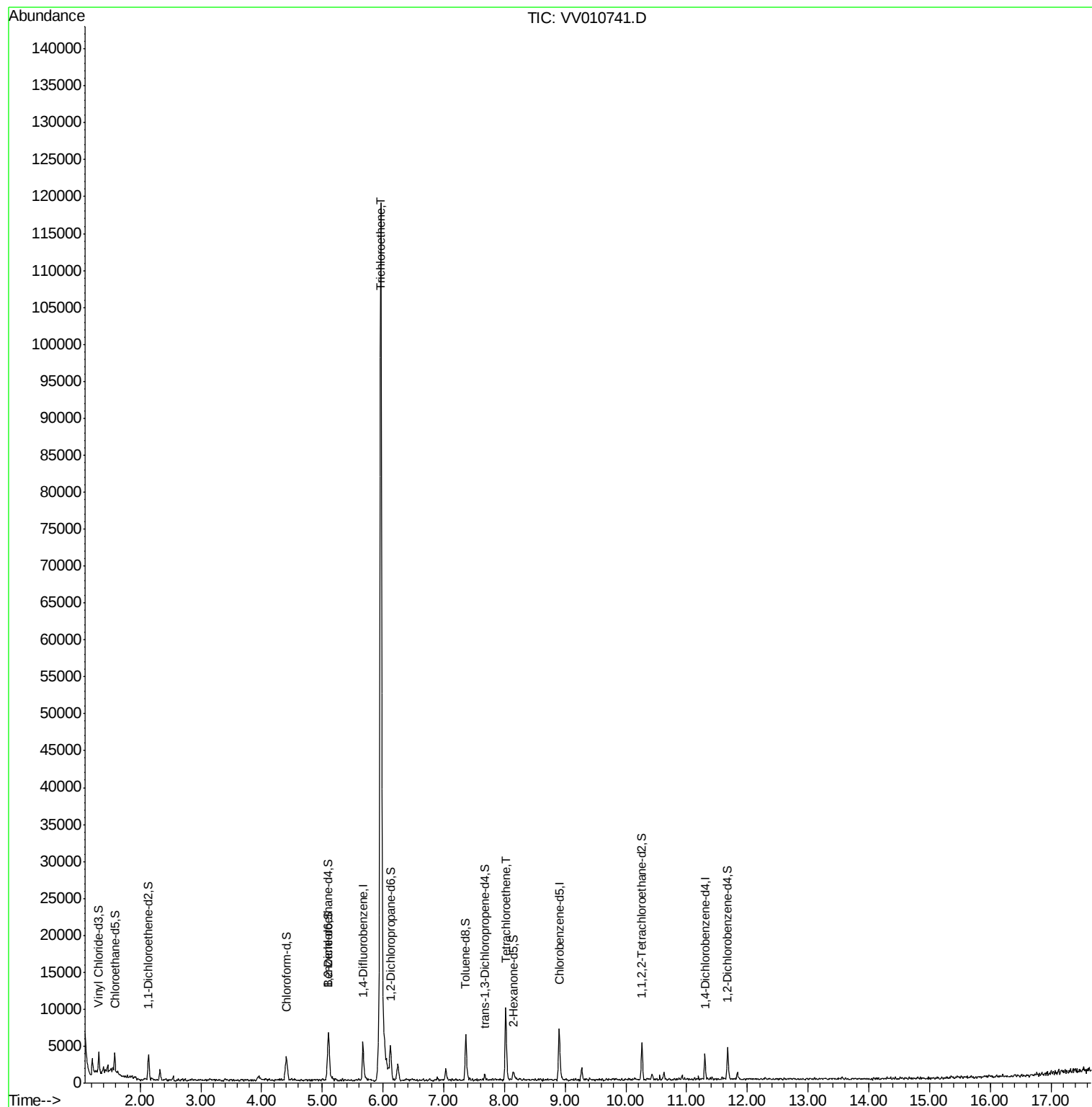
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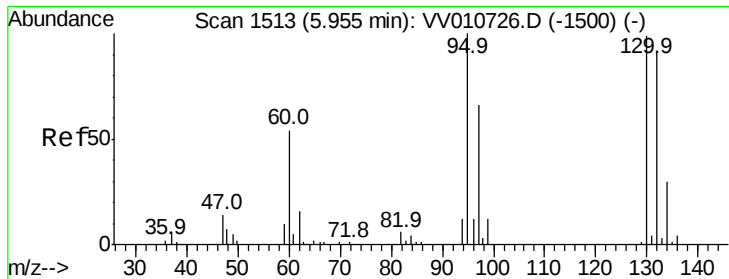
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Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration





#35

Trichloroethene

Concen: 575.888 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV010741.D

Acq: 08 May 2019 22:35

Instrument :

MSVOA_V

ClientSampleId :

A5165

Tot Ion: 95 Resp: 45189

Ion Ratio Lower Upper

95 100

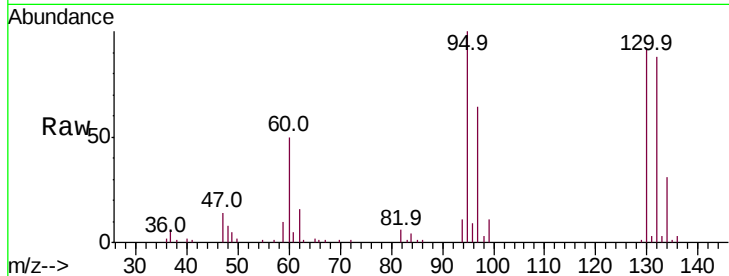
97 60.6 44.3 82.3

132 89.9 62.4 115.8

130 95.1 68.5 127.3

Manual Integrations
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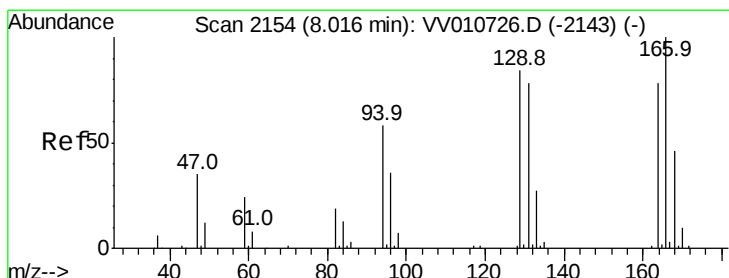
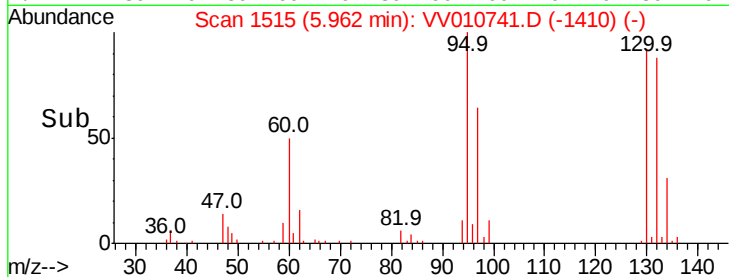
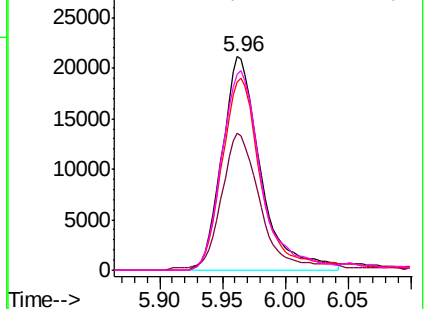


Abundance Ion 95.00 (94.70 to 95.70): VV010741.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010741.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010741.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010741.D (-1500) (-)



#47

Tetrachloroethene

Concen: 35.828 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV010741.D

Acq: 08 May 2019 22:35

Tgt Ion: 164 Resp: 2036

Ion Ratio Lower Upper

164 100

129 103.0 69.3 128.7

131 91.0 67.3 125.1

166 129.7 81.1 150.7

Abundance Ion 164.00 (163.70 to 164.70): VV010741.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV010741.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV010741.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV010741.D (-2051) (-)

