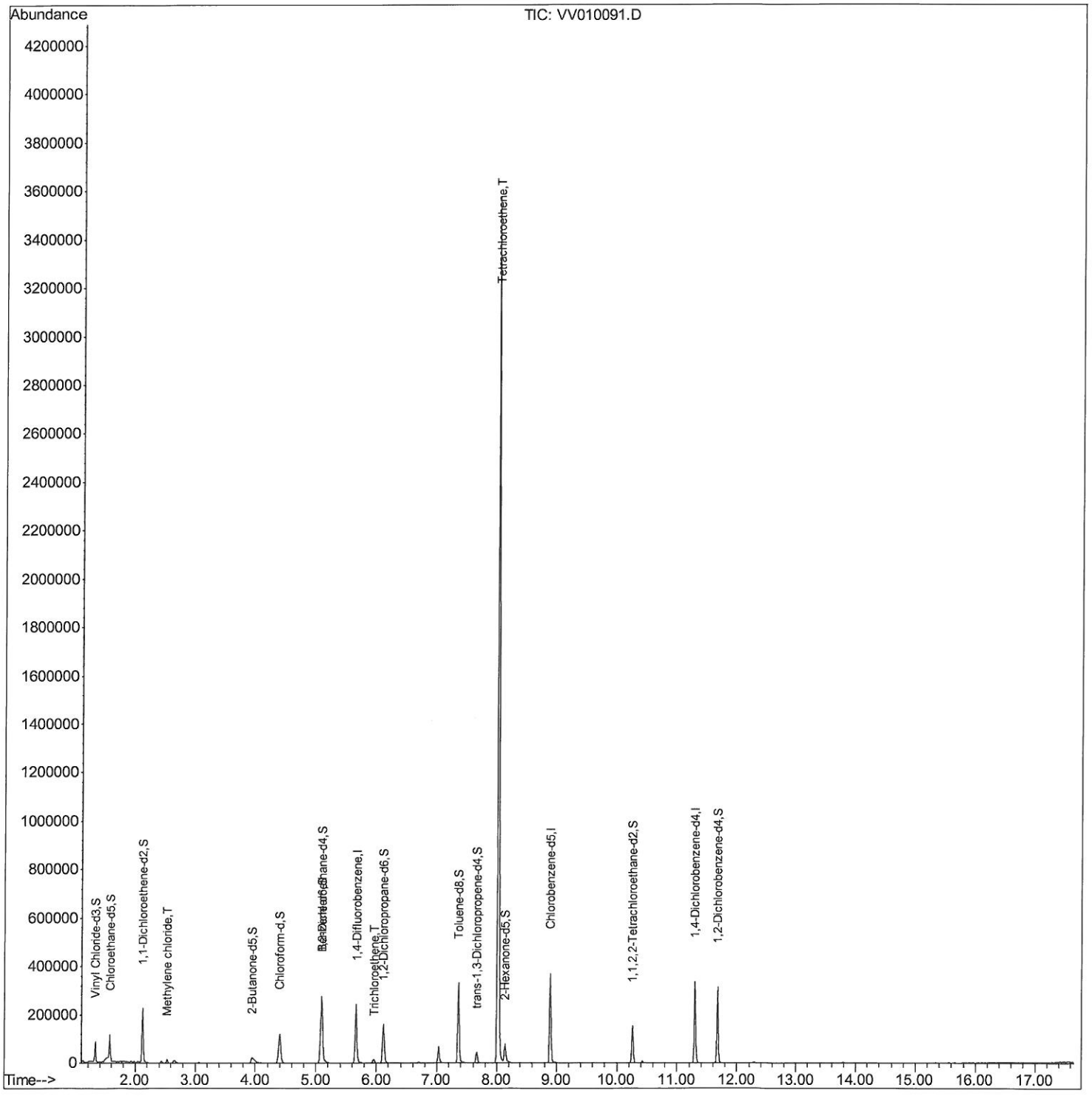
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010091.D
Acq On : 03 Apr 2019 14:34
Operator : SY/MD
Sample : K2215-05
Misc : 5.35G/10mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 04 07:04:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF2M6

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:32 AM



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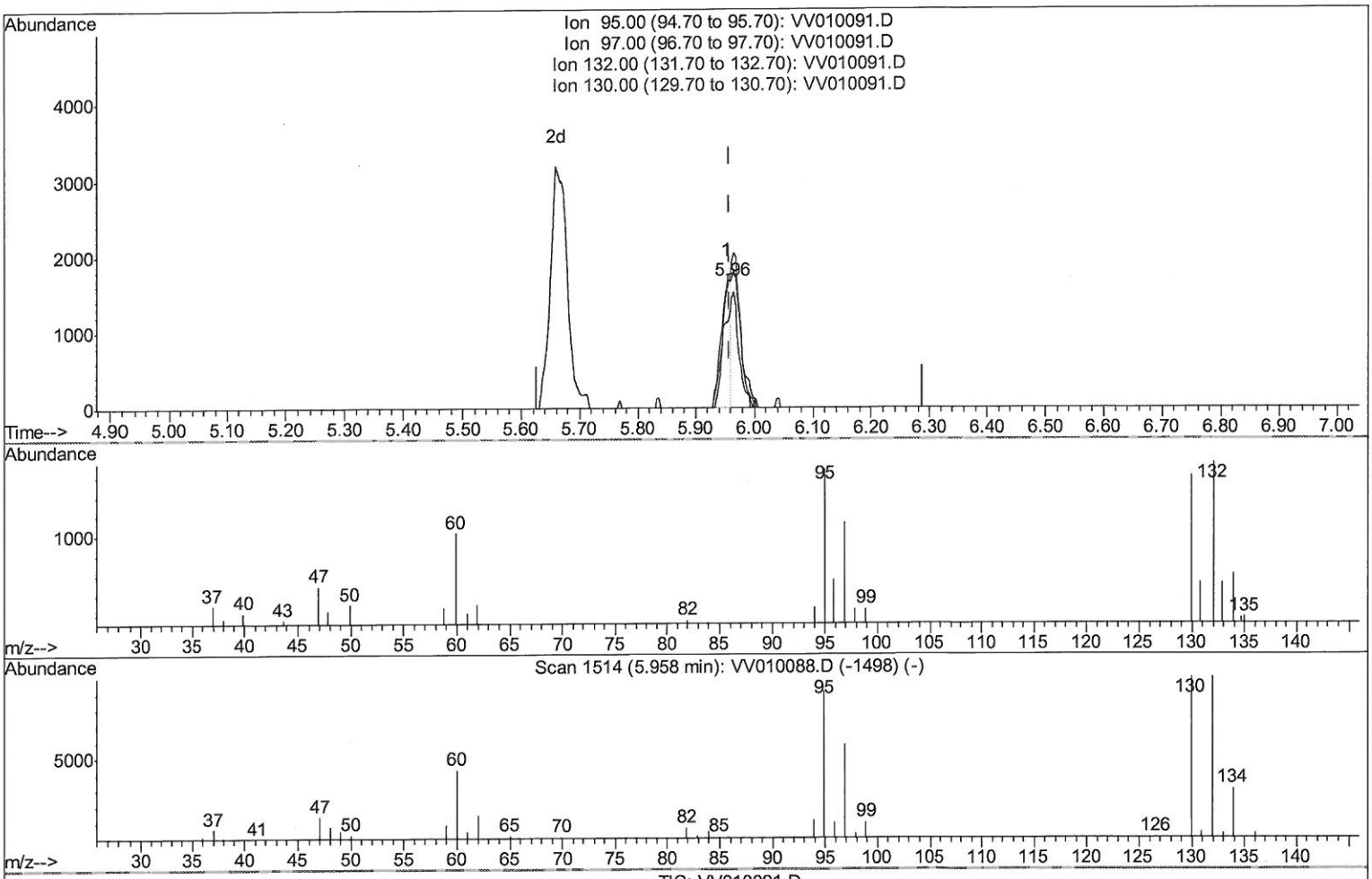

TIC: VV010091.D

(35) Trichloroethene (T)

5.955min (-0.003) 0.61ug/L

response 1770

Ion	Exp%	Act%
95.00	100	100
97.00	65.50	150.17#
132.00	100.80	207.18#
130.00	108.70	215.82#

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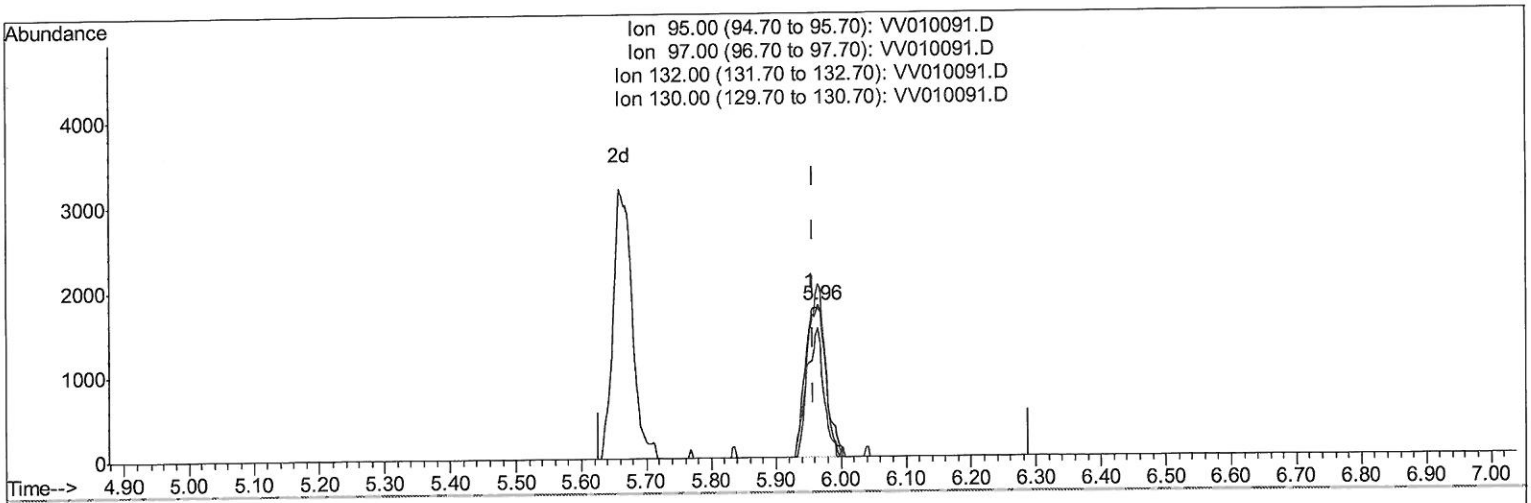

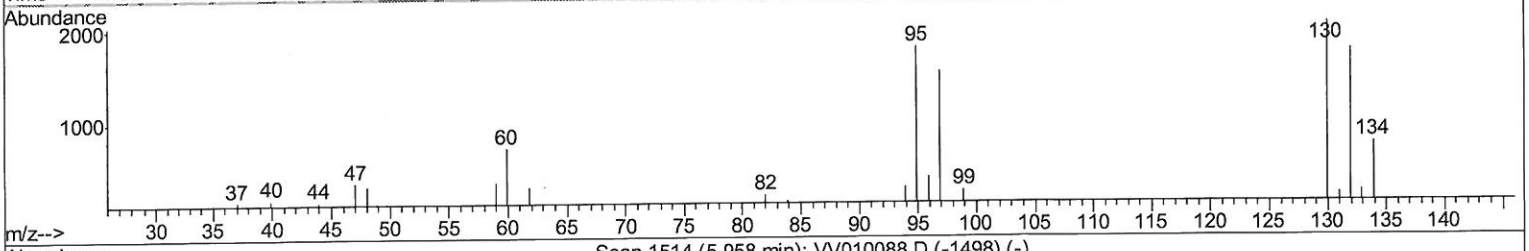

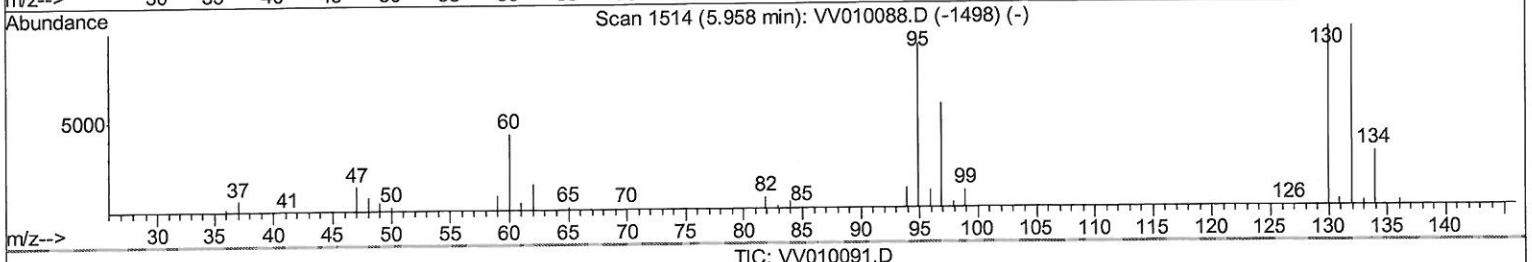

TIC: VV010091.D

(35) Trichloroethene (T)

5.965min (+0.006) 1.35ug/L m

response 3924

Ion	Exp%	Act%
95.00	100	100
97.00	65.50	67.74
132.00	100.80	93.45
130.00	108.70	97.35

MD 4/6/19

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ClientSampleId : BF2M6

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215602	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92749	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52183	18.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.32%			
7) Chloroethane-d5	1.57	69	52480	14.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.56%			
10) 1,1-Dichloroethene-d2	2.13	63	110951	15.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.96%			
20) 2-Butanone-d5	3.95	46	32283	39.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.62%			
24) Chloroform-d	4.40	84	119286	21.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.84%			
26) 1,2-Dichloroethane-d4	5.08	65	72418	23.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.32%			
29) Benzene-d6	5.10	84	241910	22.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.68%			
33) 1,2-Dichloropropane-d6	6.12	67	71683	22.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.04%			
37) Toluene-d8	7.36	98	220456	21.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.76%			
38) trans-1,3-Dichloropropene-	7.67	79	24460	18.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.68%			
39) 2-Hexanone-d5	8.14	63	24536	38.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67329	21.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	85152	23.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.28%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	5258	1.388	ug/L	98
35) Trichloroethene	5.96	95	3924m	1.355	ug/L	
47) Tetrachloroethene	8.02	164	745337	307.436	ug/L	97

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