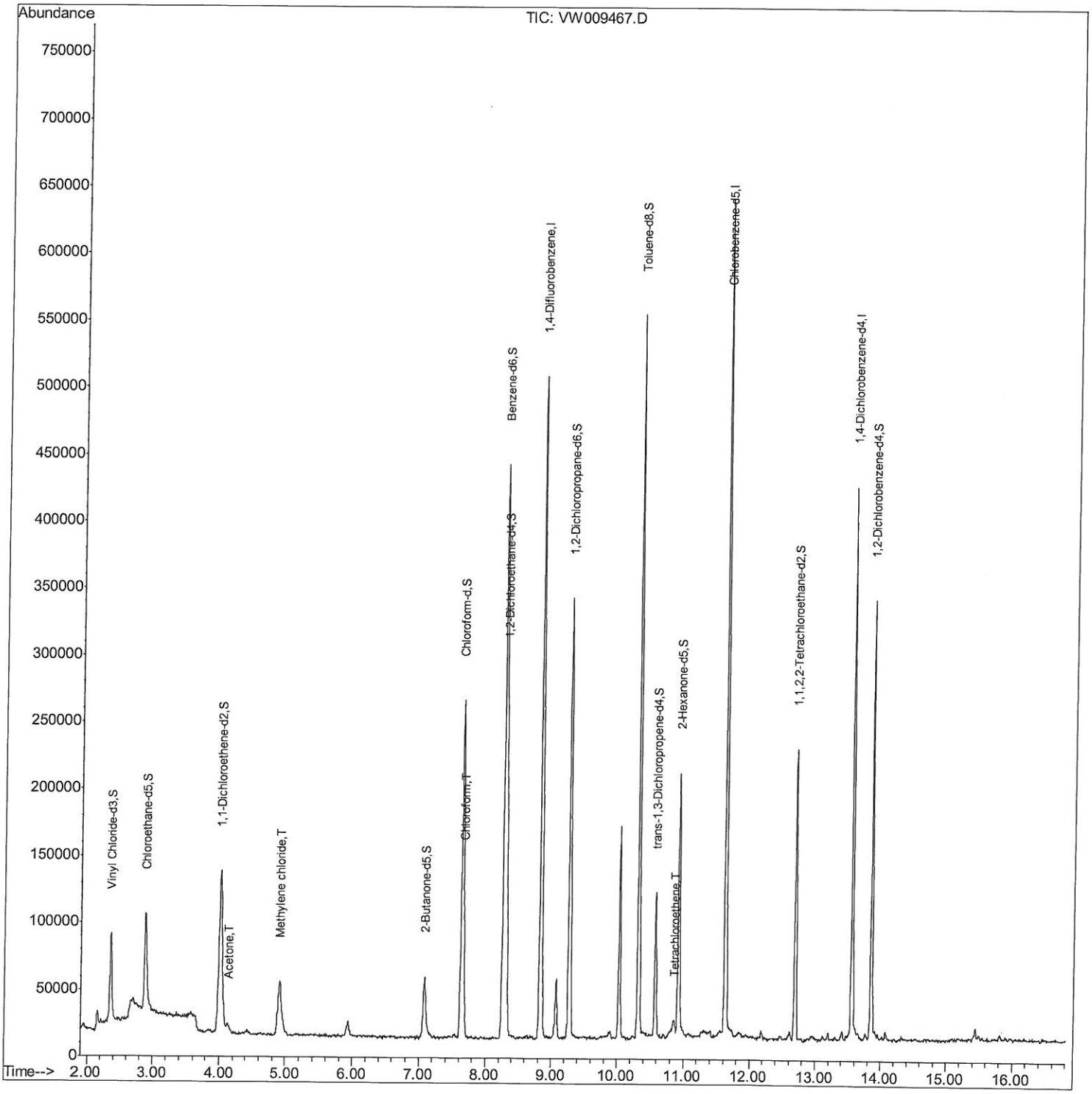
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009467.D
Acq On : 26 Mar 2019 15:24
Operator : SY/VA
Sample : K2044-03RE
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 07:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5T3RE

Manual Integrations APPROVED
apatel
4/10/2019 8:31:23 AM



Quantitation Report (Qedit)

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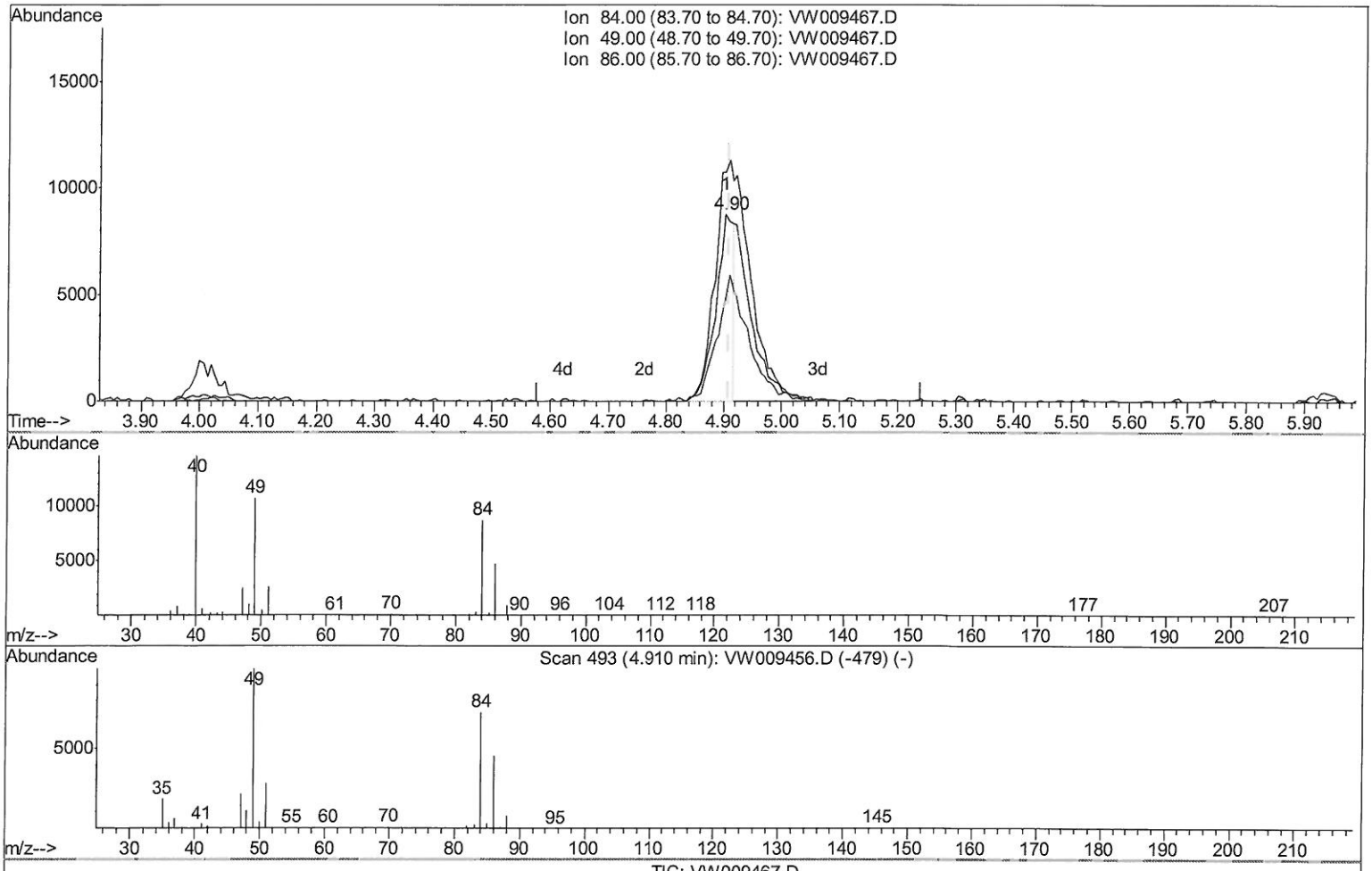

TIC: VW009467.D

(16) Methylene chloride (T)

4.903min (-0.006) 3.25ug/L

response 18294

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	122.29
86.00	63.50	54.25
0.00	0.00	0.00

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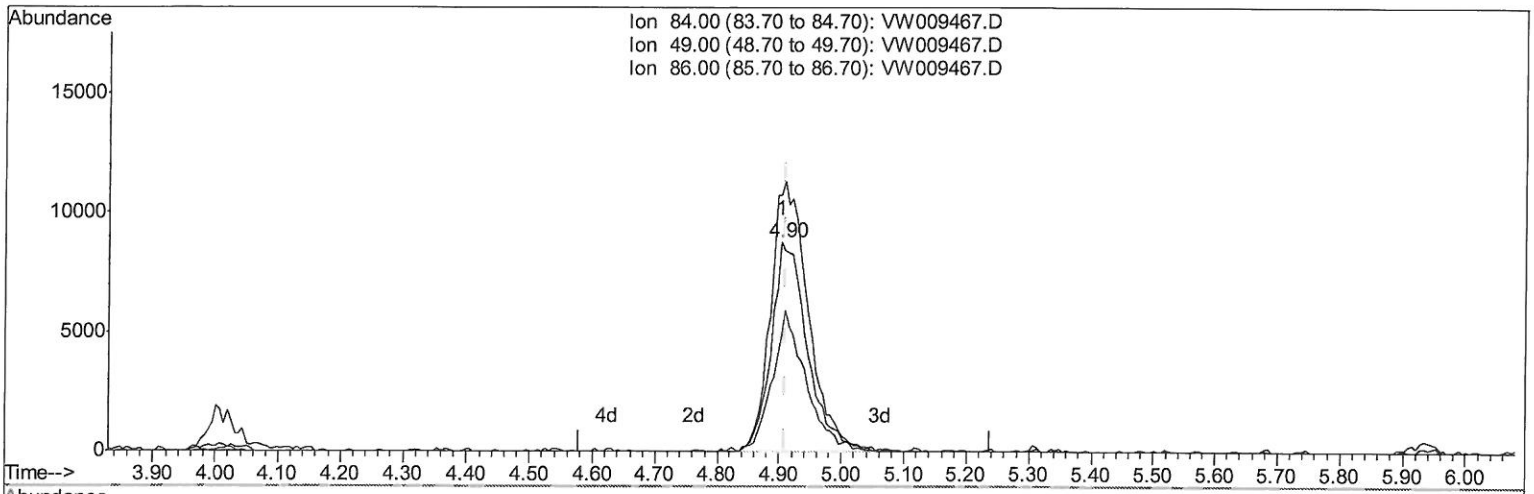
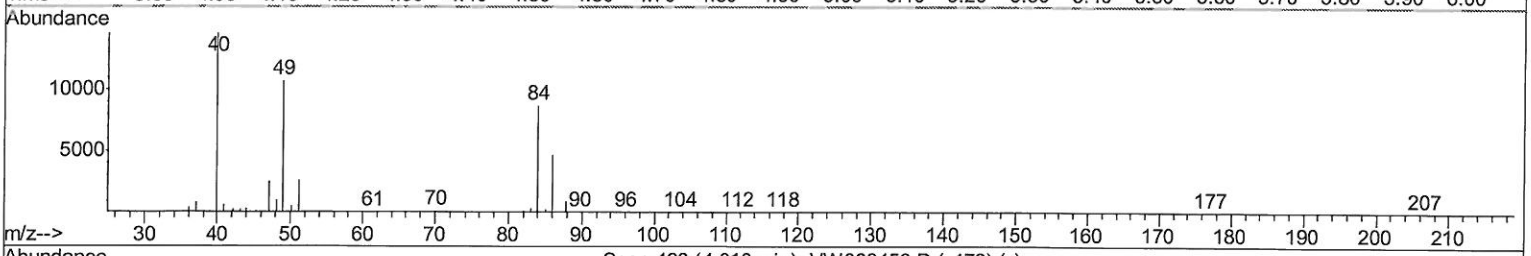
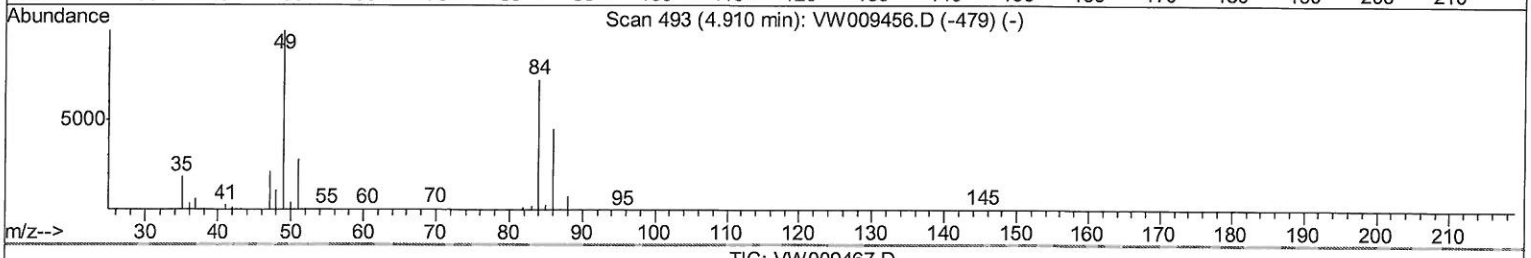
Manual Integrations APPROVED
apatel
4/10/2019 8:31:23 AM







TIC: VW009467.D

(16) Methylene chloride (T)

4.903min (-0.006) 6.27ug/L m

response 35249

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	122.29
86.00	63.50	54.25
0.00	0.00	0.00

>MQ
4/16/19

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF5T3RE

Manual Integrations APPROVED
apatel
4/10/2019 8:31:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100570	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	88235	19.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.56%			
7) Chloroethane-d5	2.89	69	99045	18.36	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.44%			
10) 1,1-Dichloroethene-d2	4.01	63	144508	14.50	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.00%			
20) 2-Butanone-d5	7.07	46	78601	41.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.44%			
24) Chloroform-d	7.64	84	228030	21.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.64%			
26) 1,2-Dichloroethane-d4	8.30	65	144151	22.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.92%			
29) Benzene-d6	8.27	84	409658	22.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.36%			
33) 1,2-Dichloropropane-d6	9.27	67	133491	24.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.04%			
37) Toluene-d8	10.32	98	334820	19.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.88%			
38) trans-1,3-Dichloropropene-	10.58	79	52313	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.48%			
39) 2-Hexanone-d5	10.92	63	56370	42.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.46%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93607	17.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.80%			
61) 1,2-Dichlorobenzene-d4	13.86	152	81129	21.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.16%			
Target Compounds						Qvalue
13) Acetone	4.13	43	9758	6.241	ug/L	53
16) Methylene chloride	4.90	84	35249m	6.265	ug/L	
25) Chloroform	7.67	83	13136	1.377	ug/L #	65
47) Tetrachloroethene	10.86	164	1819	0.449	ug/L	89

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

->MQ 4/6/19