Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

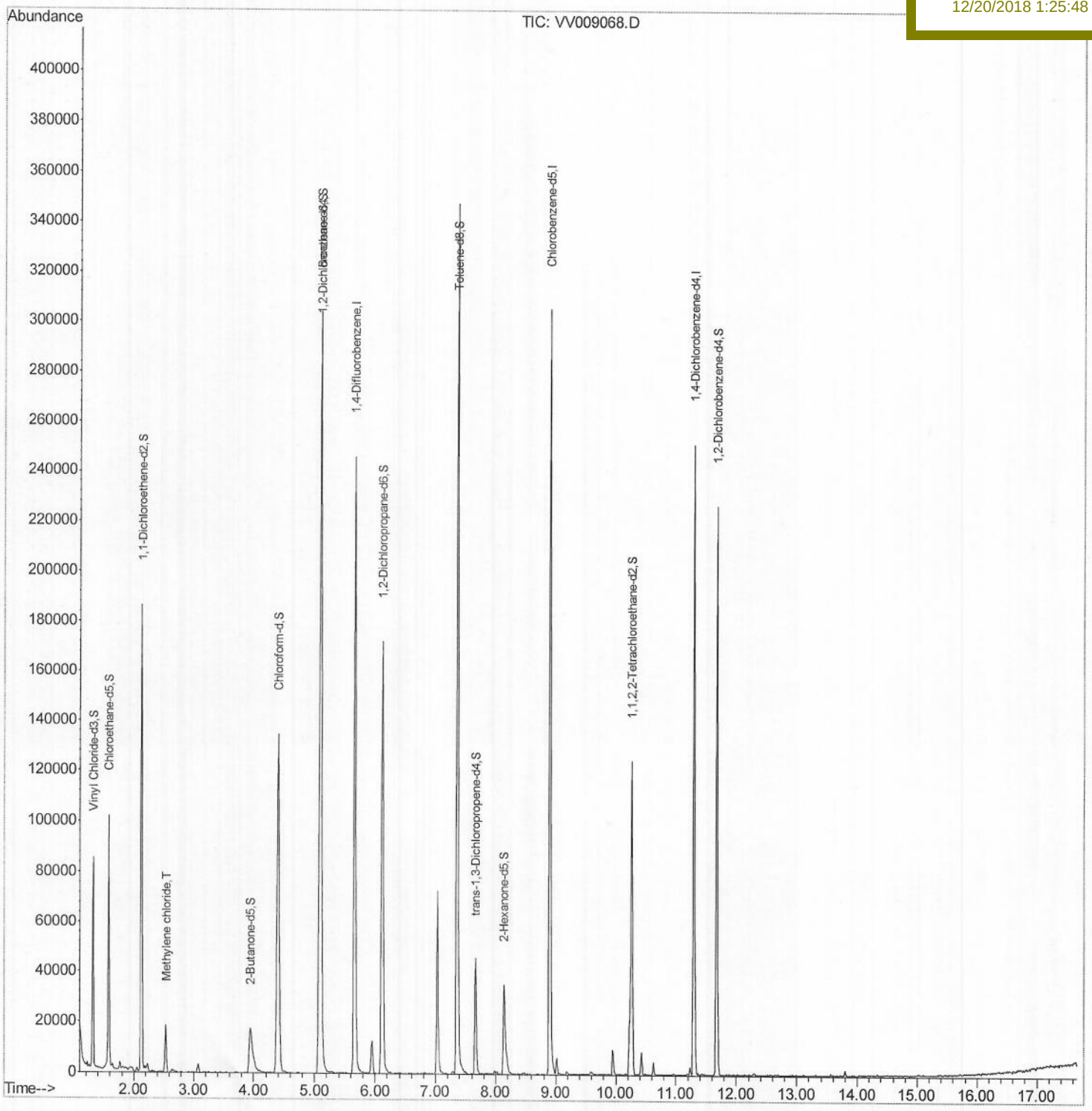
Quantitation Report (QT Reviewed)

Data File : VV009068.D
Acq On : 20 Dec 2018 00:22
Operator : SY/MD
Sample : J6471-13
Misc : 5.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 04:10:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9H00

Manual Integrations APPROVED
MMDadoda
12/20/2018 1:25:48 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Qedit)

Data File : VV009068.D
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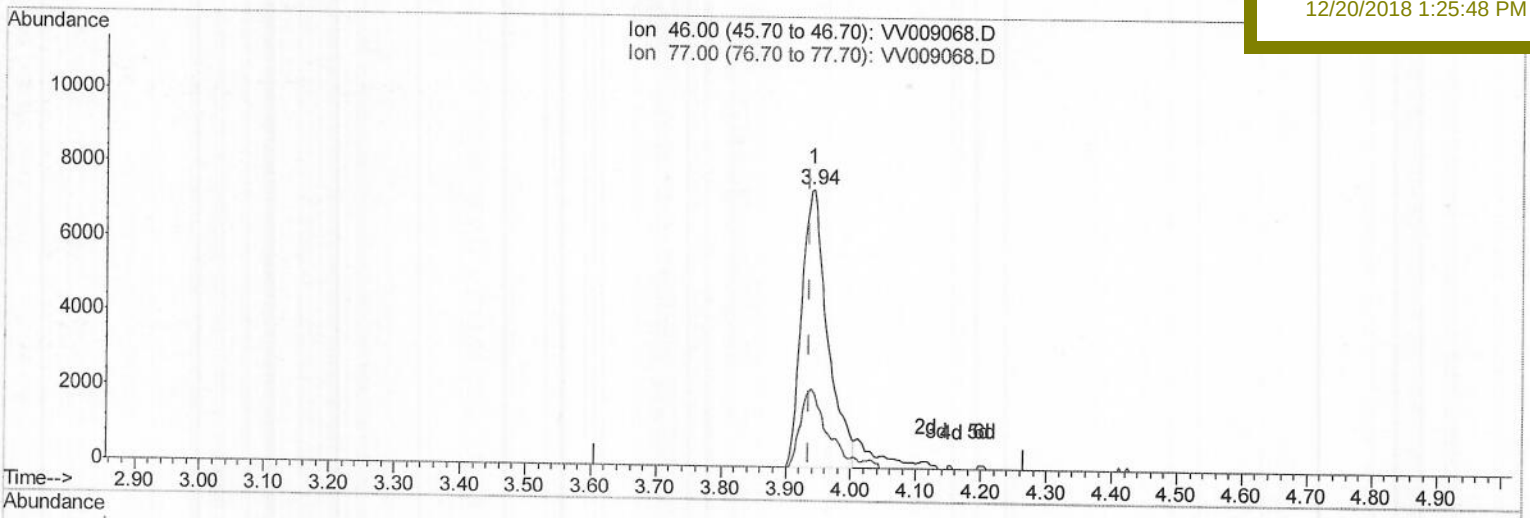
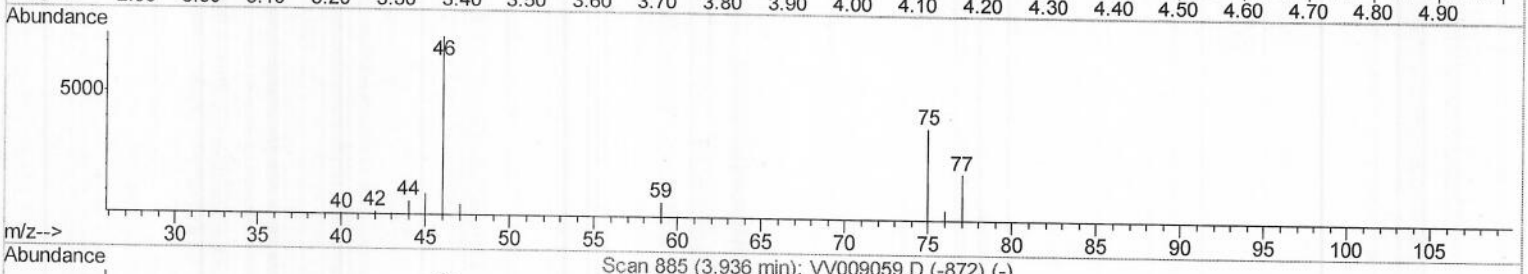
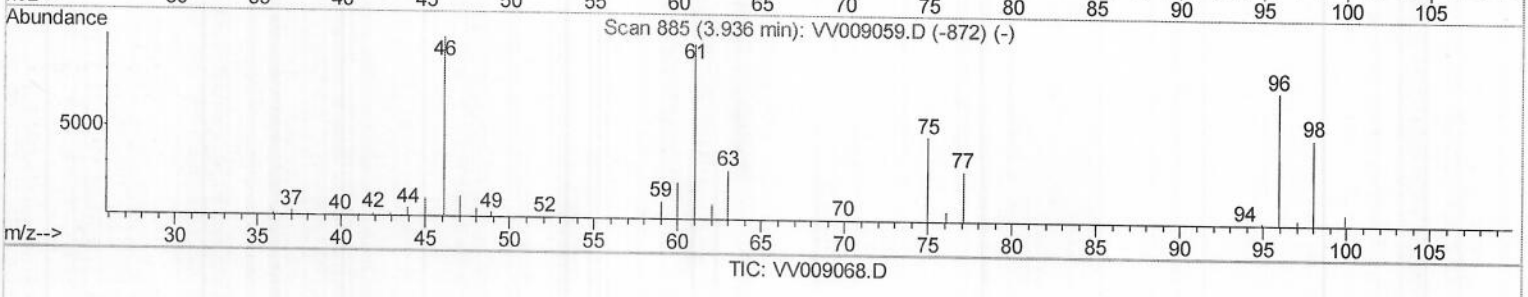
Manual Integrations APPROVED
MMDadoda
12/20/2018 1:25:48 PM







TIC: VV009068.D

(20) 2-Butanone-d5 (S)

3.942min (+0.006) 24.46ug/L

response 20459

Ion	Exp%	Act%
46.00	100	100
77.00	28.30	24.61
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Qedit)

Data File : VV009068.D
Acq On : 20 Dec 2018 00:22
Operator : SY/MD
Sample : J6471-13
Misc : 5.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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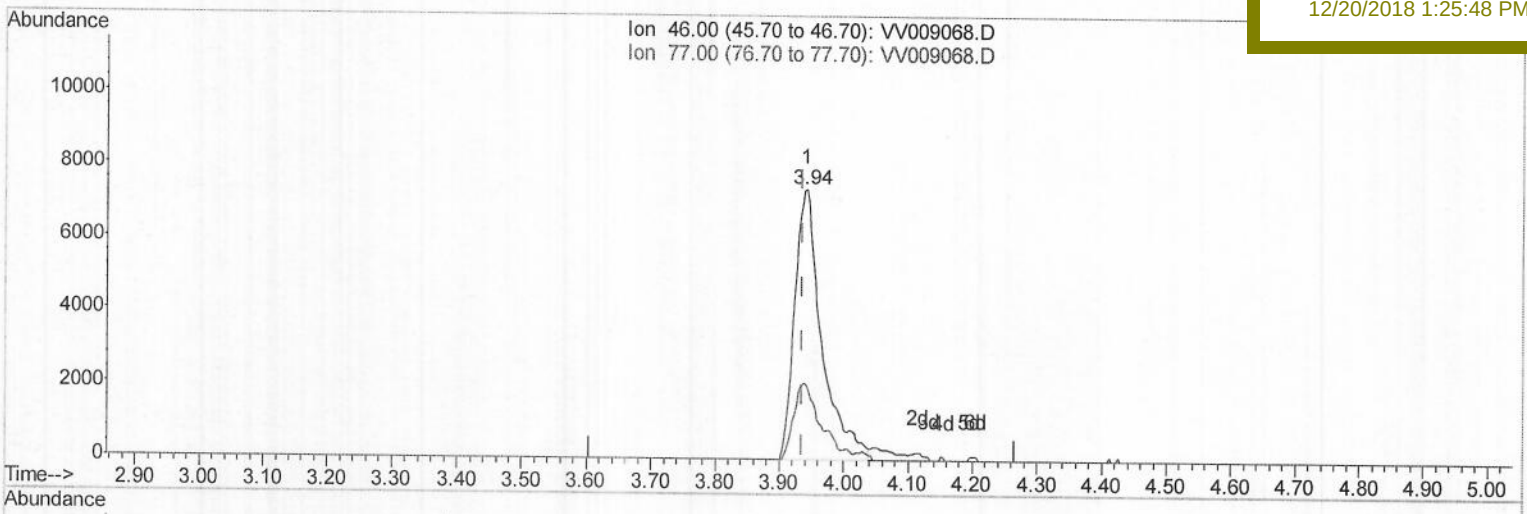
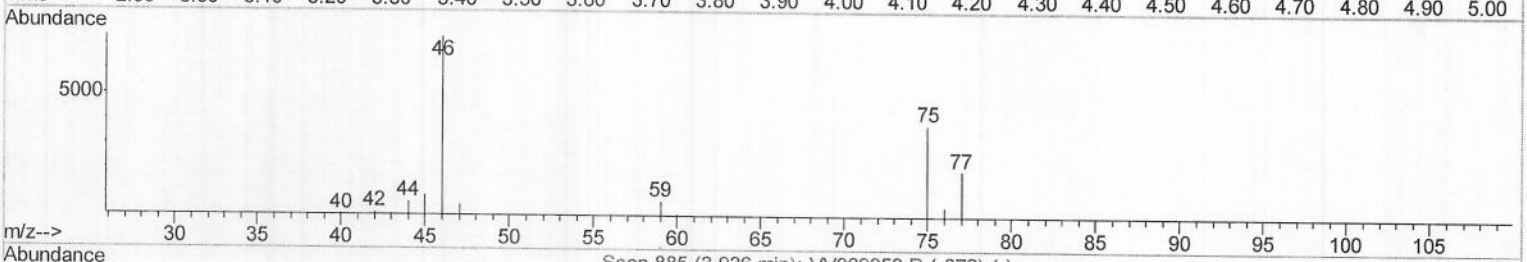
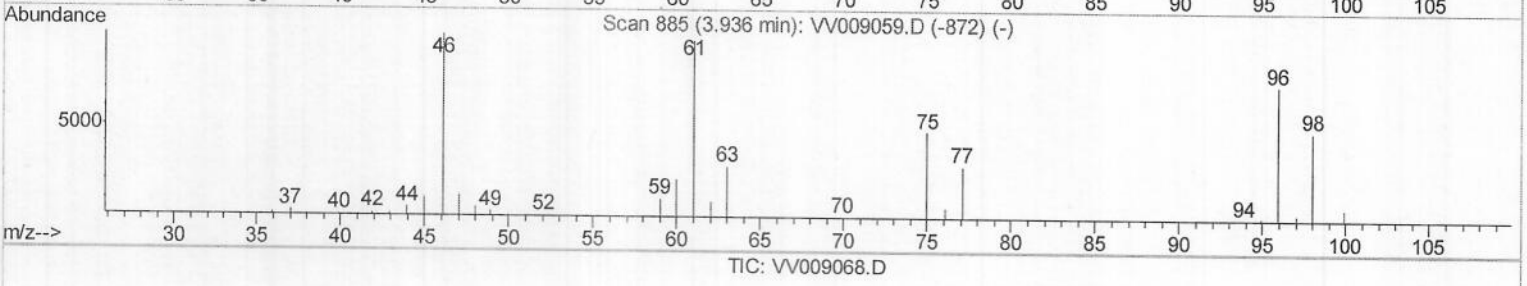
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9H00

Manual Integrations APPROVED
MMDadoda
12/20/2018 1:25:48 PM







TIC: VV009068.D

(20) 2-Butanone-d5 (S)

3.942min (+0.006) 25.86ug/L m

response 21631

Ion	Exp%	Act%
46.00	100	100
77.00	28.30	23.27
0.00	0.00	0.00
0.00	0.00	0.00

SY
12/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (QT Reviewed)

Data File : VV009068.D
Acq On : 20 Dec 2018 00:22
Operator : SY/MD
Sample : J6471-13
Misc : 5.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 04:10:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : F9H00

Manual Integrations APPROVED
MMDadoda
12/20/2018 1:25:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221983	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67470	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	51562	22.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.80%			
7) Chloroethane-d5	1.58	69	61365	36.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.64%			
10) 1,1-Dichloroethene-d2	2.13	63	101042	17.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.36%			
20) 2-Butanone-d5	3.94	46	21631m	25.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.72%			
24) Chloroform-d	4.40	84	142531	26.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.84%			
26) 1,2-Dichloroethane-d4	5.08	65	81574	28.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%			
29) Benzene-d6	5.10	84	277129	27.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.20%			
33) 1,2-Dichloropropane-d6	6.12	67	85721	30.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.84%#			
37) Toluene-d8	7.36	98	239907	26.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.00%			
38) trans-1,3-Dichloropropene-	7.66	79	26781	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.36%			
39) 2-Hexanone-d5	8.14	63	12174	23.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.62%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61343	26.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	61229	24.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.72%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	8193	2.192	ug/L	91

SY 12/28/18

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