Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

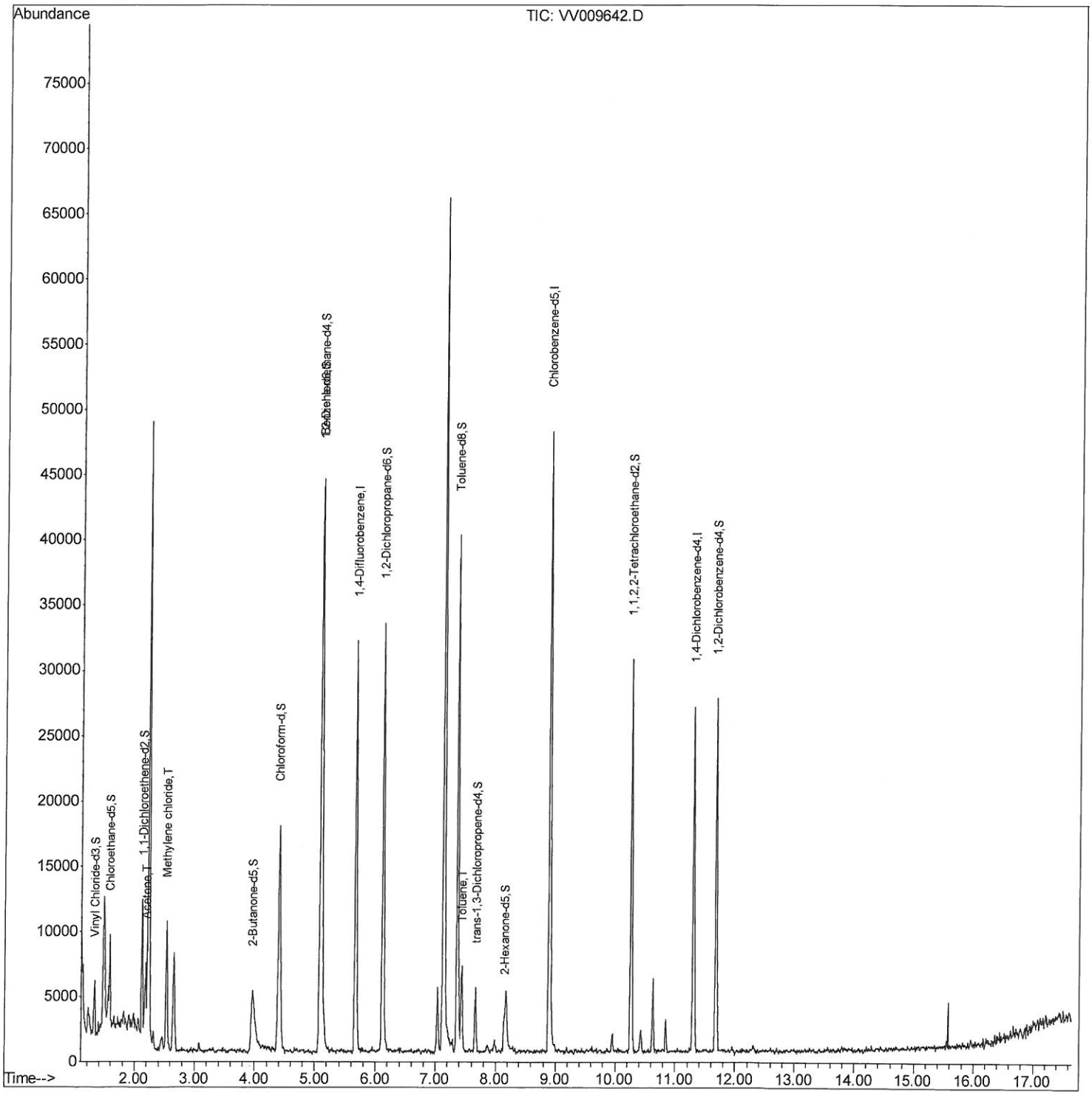
Quantitation Report (QT Reviewed)

Data File : VV009642.D
Acq On : 13 Mar 2019 18:19
Operator : SY/MD
Sample : K1736-15
Misc : 4.48G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 14 07:59:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF629RE

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:48 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Qedit)

Data File : VV009642.D
Acq On : 13 Mar 2019 18:19
Operator : SY/MD
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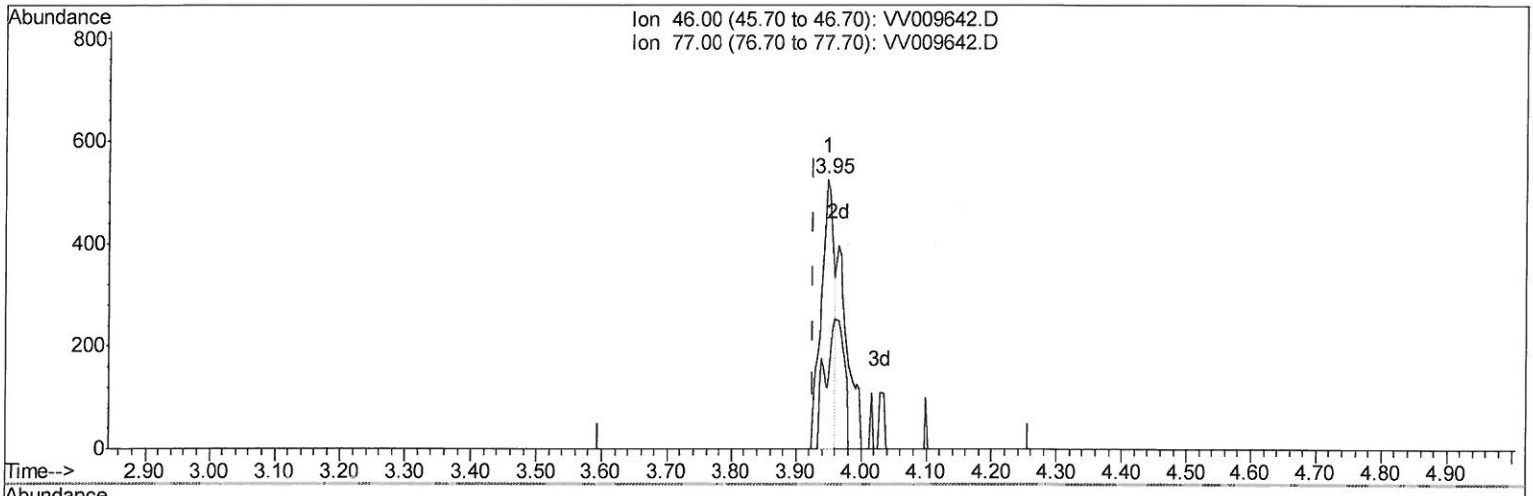
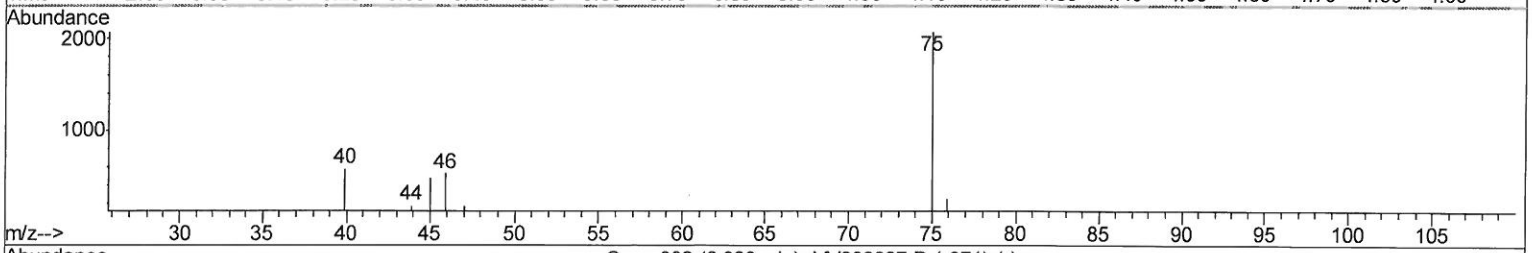
ALS Vial : 1 Sample Multiplier: 1

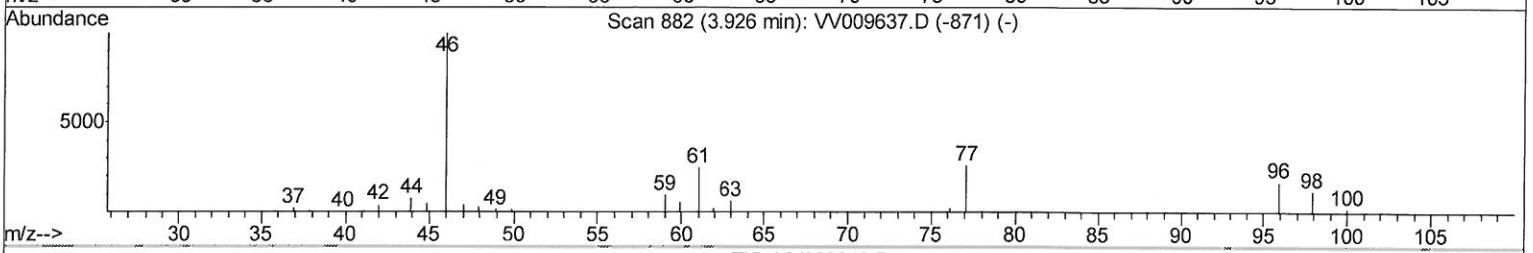
Quant Time: Mar 14 07:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF629RE

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:48 AM







TIC: VV009642.D

(20) 2-Butanone-d5 (S)

3.949min (+0.023) 7.88ug/L

response 694

Ion	Exp%	Act%
46.00	100	100
77.00	27.00	19.74
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Qedit)

Data File : VV009642.D
Acq On : 13 Mar 2019 18:19
Operator : SY/MD
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Misc : 4.48G/10ML/MSVOA_V/SOIL
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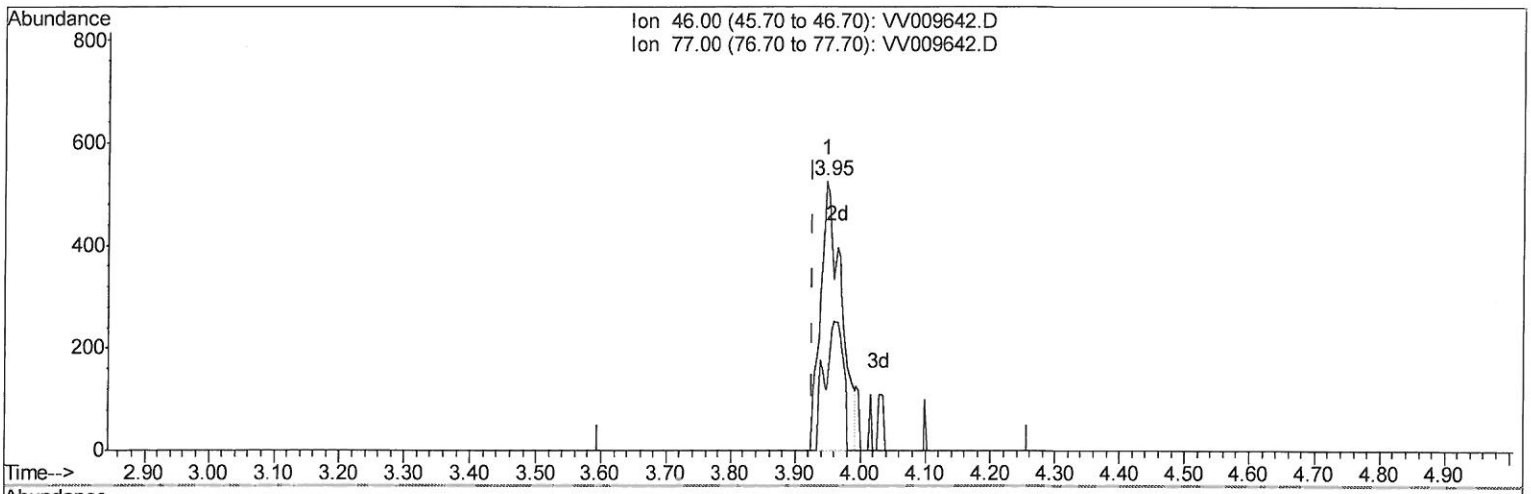
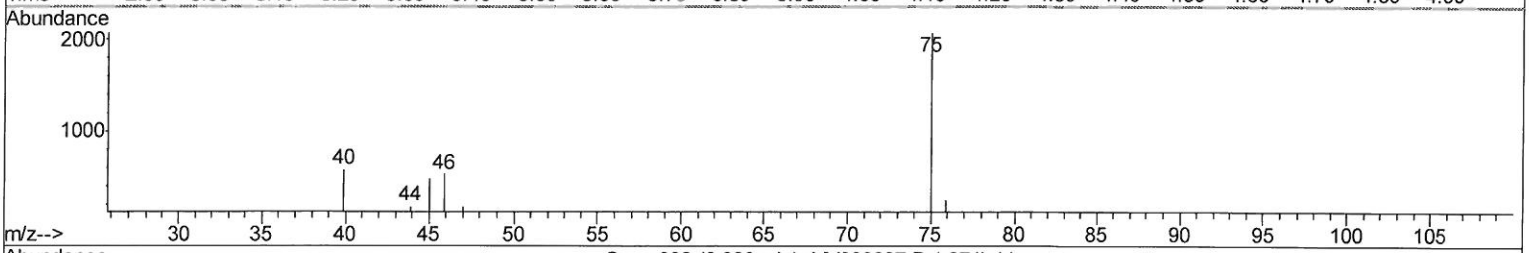
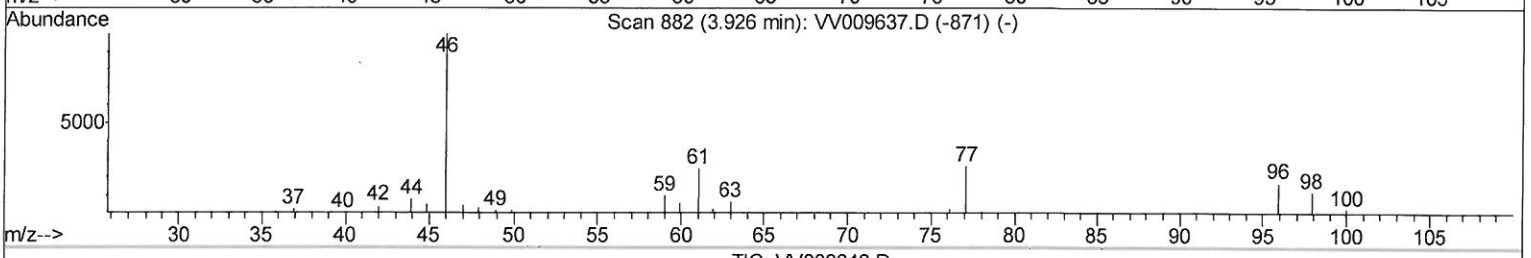
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF629RE

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:48 AM







TIC: VV009642.D

(20) 2-Butanone-d5 (S)

3.949min (+0.023) 13.16ug/L m 3/15/19 SY

response 1159

Ion	Exp%	Act%
46.00	100	100
77.00	27.00	11.82#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (QT Reviewed)

Data File : VV009642.D
Acq On : 13 Mar 2019 18:19
Operator : SY/MD
Sample : K1736-15
Misc : 4.48G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF629RE

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:48 AM

Quant Time: Mar 14 07:59:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	26300	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	28614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8034	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1668	4.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 19.84%#			
7) Chloroethane-d5	1.58	69	4018	9.68	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 38.72%			
10) 1,1-Dichloroethene-d2	2.13	63	4925	5.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 21.68%#			
20) 2-Butanone-d5	3.95	46	1159m7	13.16	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 26.32%			
24) Chloroform-d	4.40	84	17654	26.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.32%			
26) 1,2-Dichloroethane-d4	5.08	65	18010	47.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 189.88%#			
29) Benzene-d6	5.10	84	31248	20.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.28%			
33) 1,2-Dichloropropane-d6	6.12	67	15613	35.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 142.40%#			
37) Toluene-d8	7.36	98	27907	19.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.88%			
38) trans-1,3-Dichloropropene-	7.67	79	2515	12.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 49.92%			
39) 2-Hexanone-d5	8.14	63	865	10.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 21.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14581	35.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 140.44%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	7223	23.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.84%			
Target Compounds						Qvalue
13) Acetone	2.19	43	5717	53.838	ug/L	91
16) Methylene chloride	2.54	84	3433	8.967	ug/L	96
44) Toluene	7.43	91	5456	3.020	ug/L	100

03/15/19 SY

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