Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

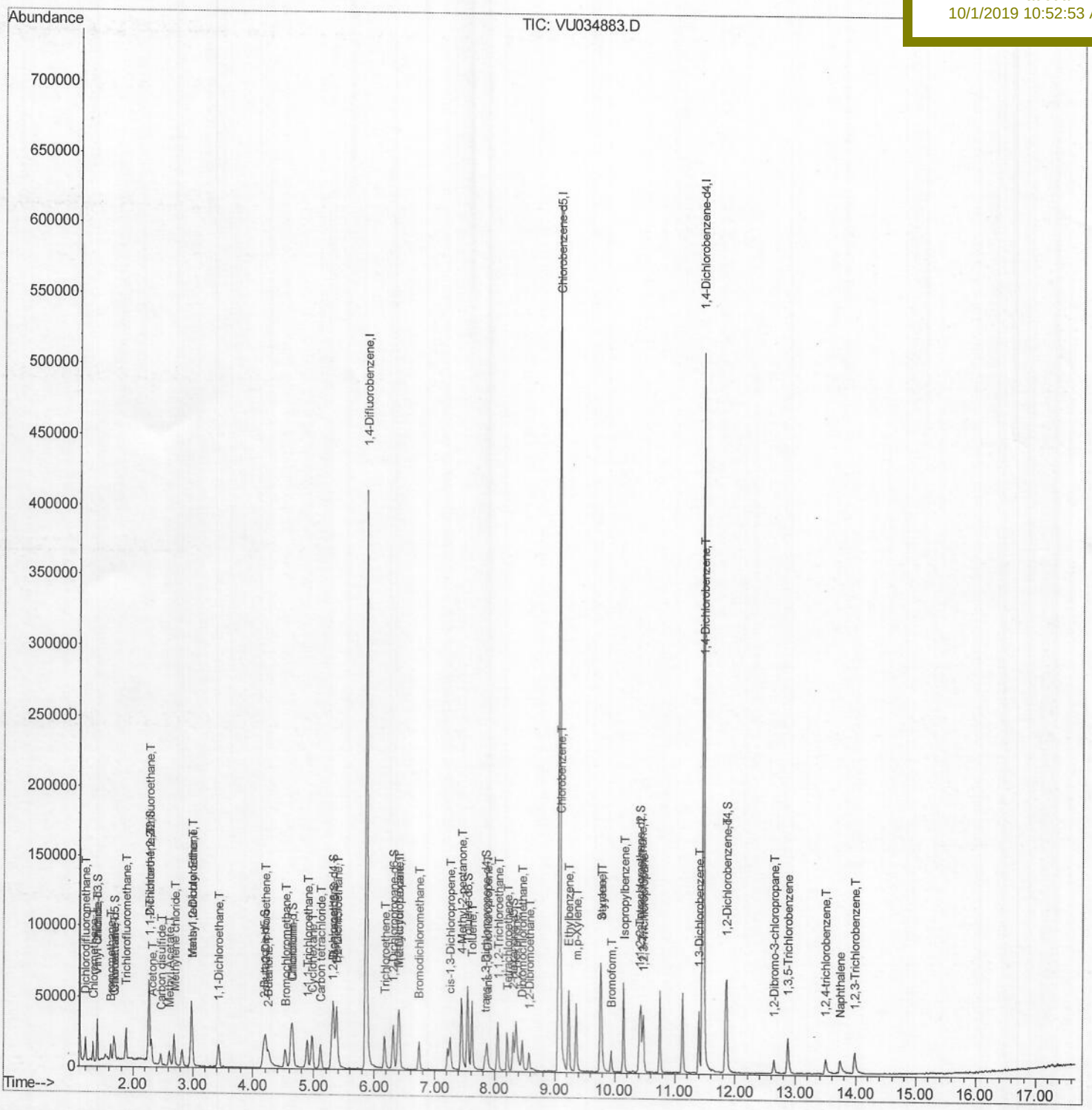
Quantitation Report (QT Reviewed)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 03:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

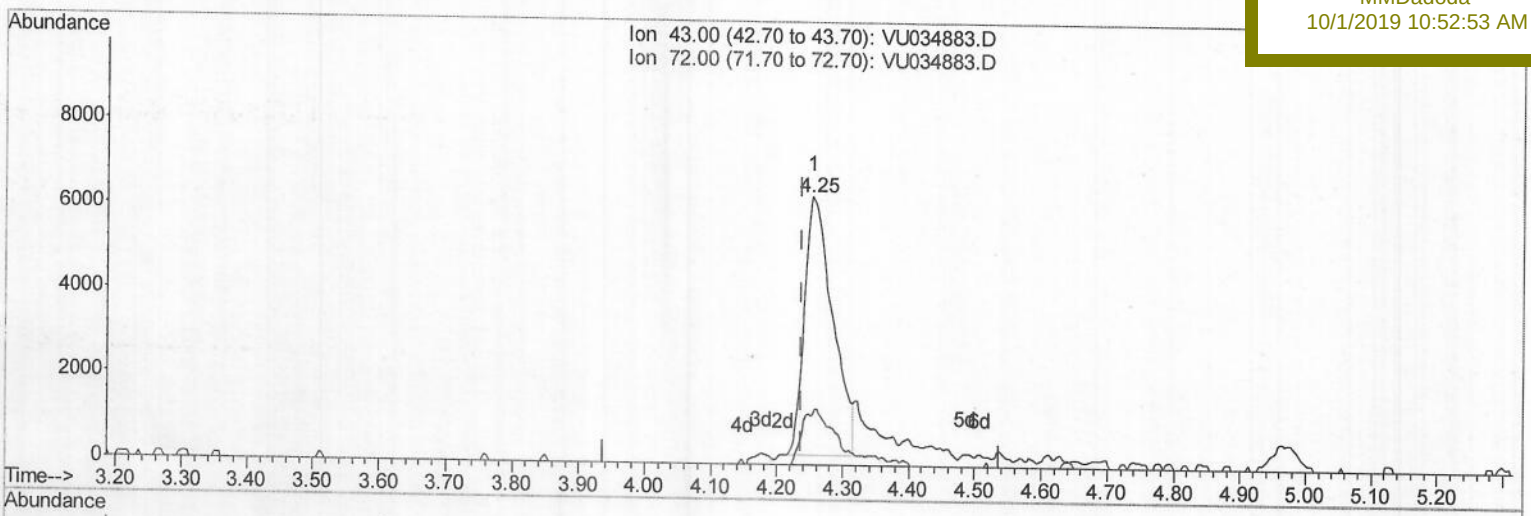
Quantitation Report (Qedit)

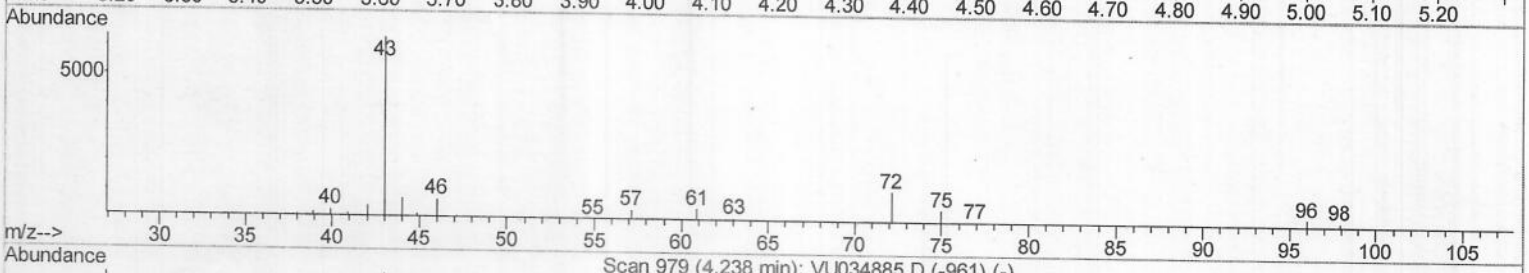
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

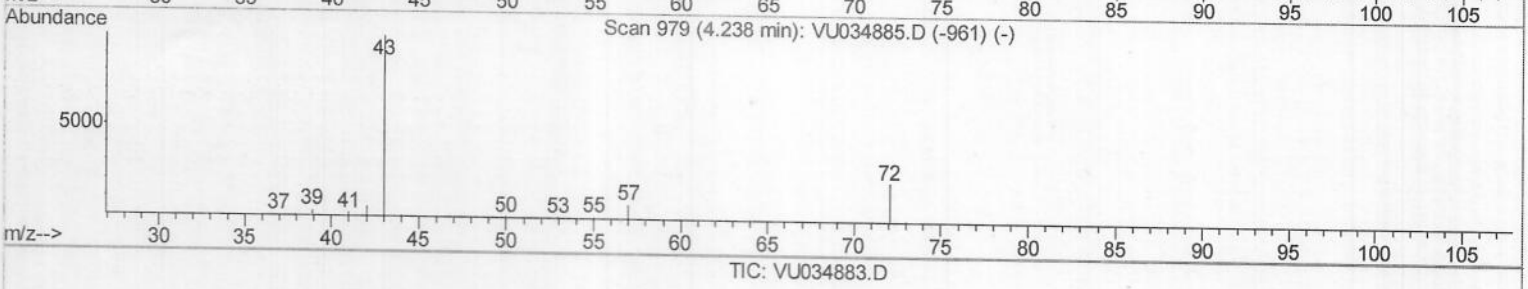
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(22) 2-Butanone (T)

4.254min (+0.016) 5.32ug/L

response 18035

Ion	Exp%	Act%
43.00	100	100
72.00	22.40	6.90#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

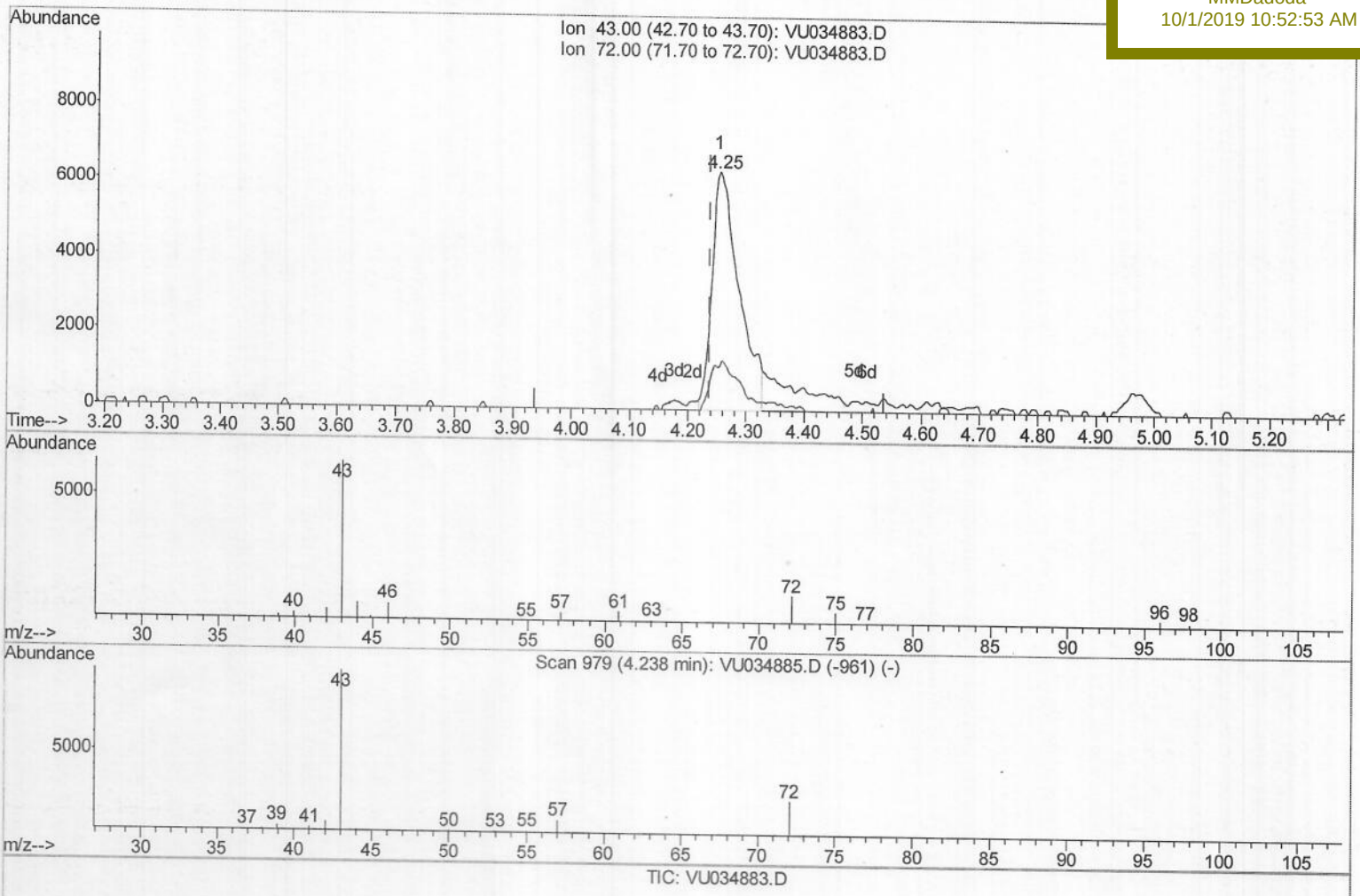
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



TIC: VU034883.D

(22) 2-Butanone (T)

4.254min (+0.016) 6.03ug/L m MD 10/10/19

response 20443

Ion	Exp%	Act%
43.00	100	100
72.00	22.40	6.09#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

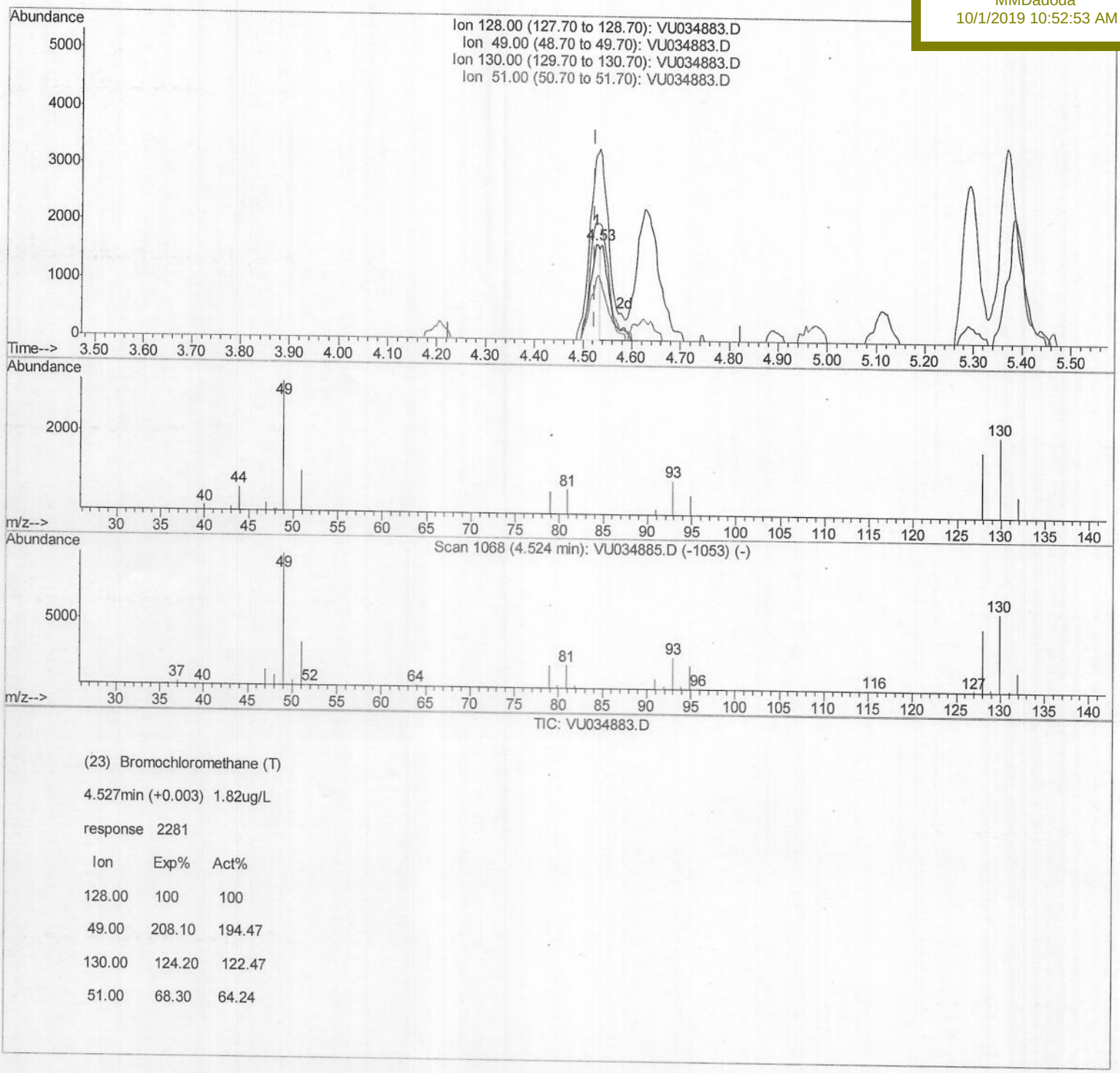
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



TIC: VU034883.D

(23) Bromochloromethane (T)

4.527min (+0.003) 1.82ug/L

response 2281

Ion	Exp%	Act%
128.00	100	100
49.00	208.10	194.47
130.00	124.20	122.47
51.00	68.30	64.24

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

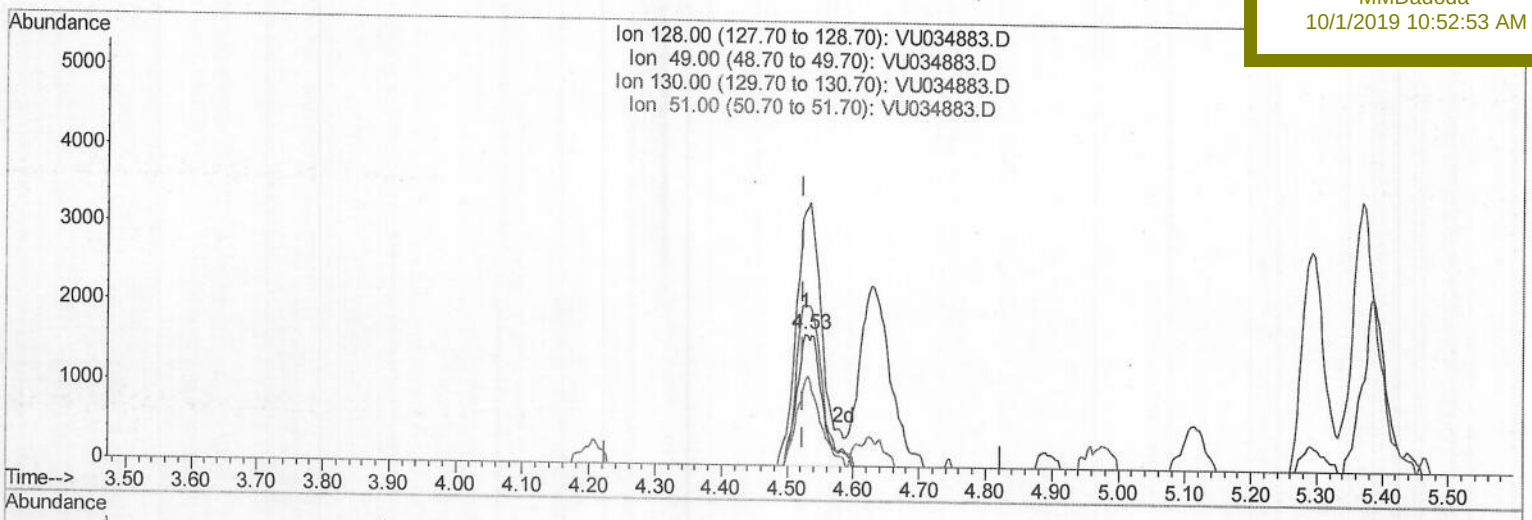
Quantitation Report (Qedit)

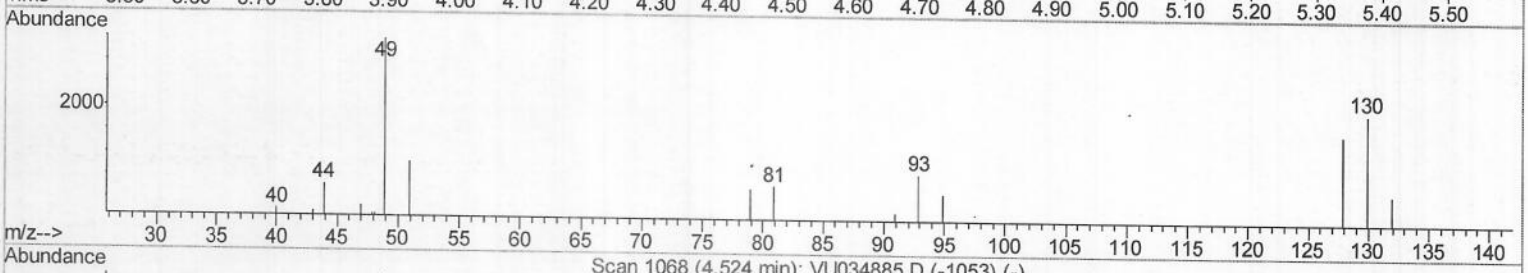
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

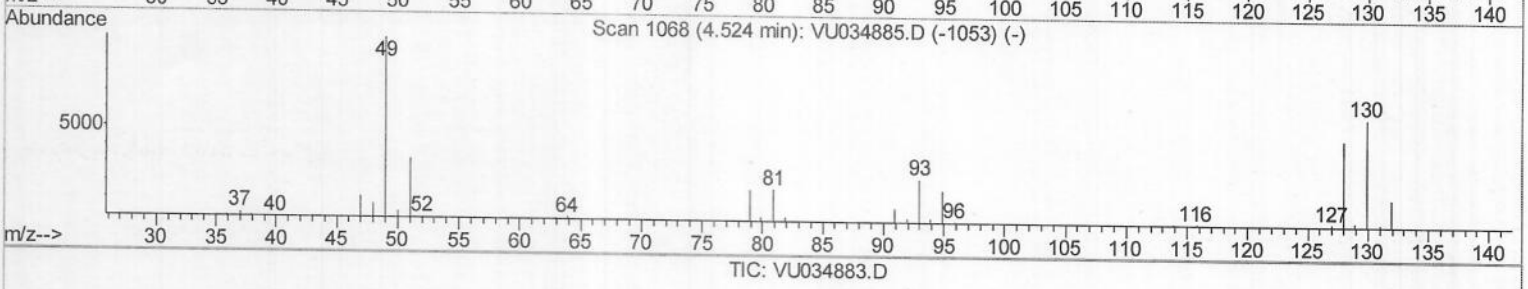
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(23) Bromochloromethane (T)

4.527min (+0.003) 3.53ug/L m

response 4419

Ion	Exp%	Act%
128.00	100	100
49.00	208.10	194.47
130.00	124.20	122.47
51.00	68.30	64.24

MD 10/1/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

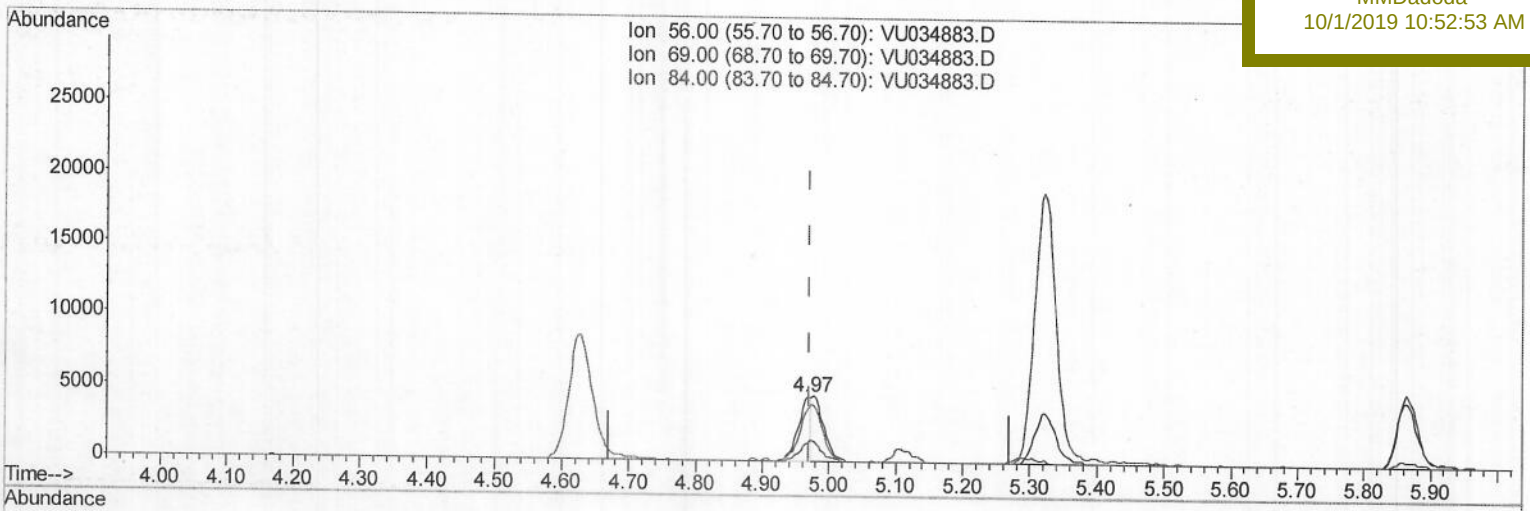
Quantitation Report (Qedit)

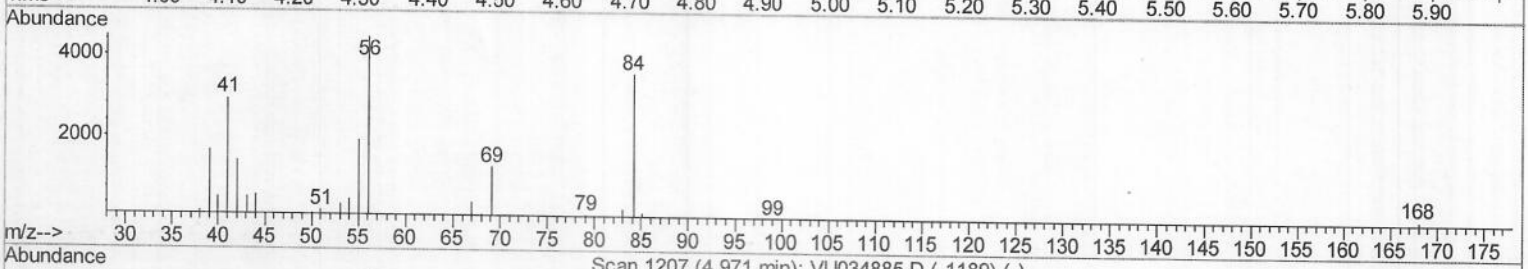
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

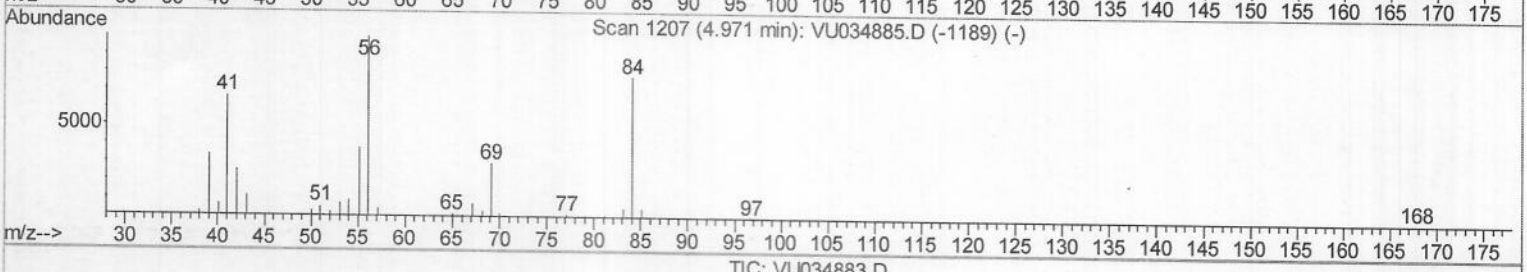
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(29) Cyclohexane (T)

4.968min (-0.003) 1.19ug/L

response 5593

Ion	Exp%	Act%
56.00	100	100
69.00	28.20	57.12#
84.00	77.00	163.76#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

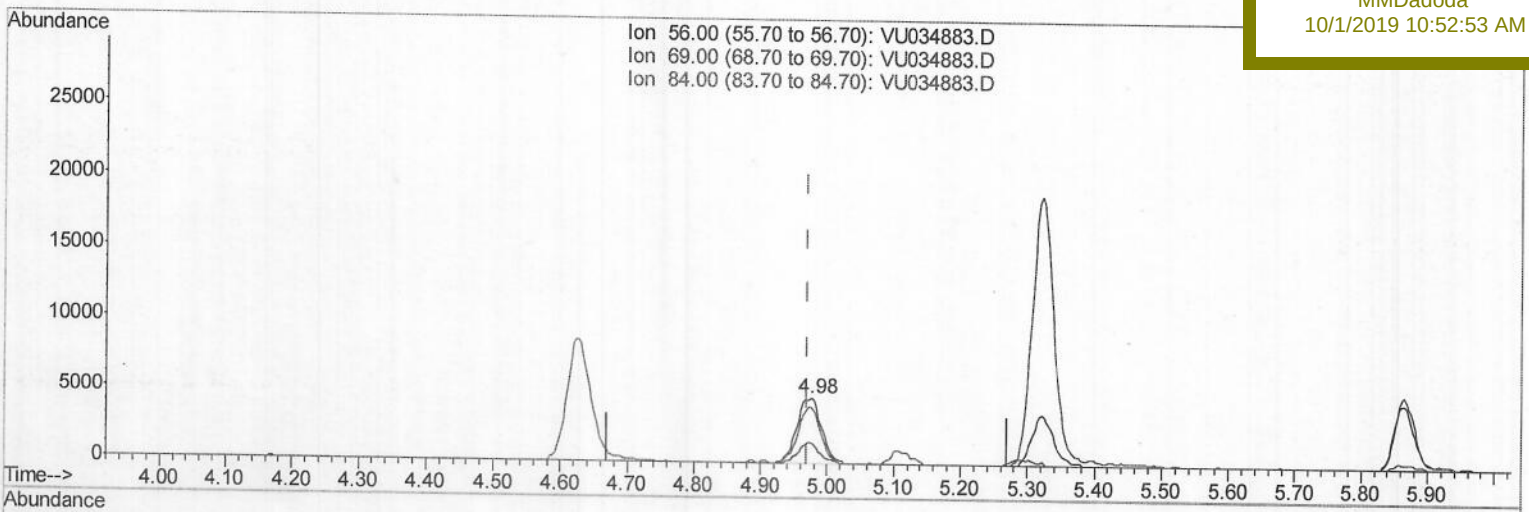
Quantitation Report (Qedit)

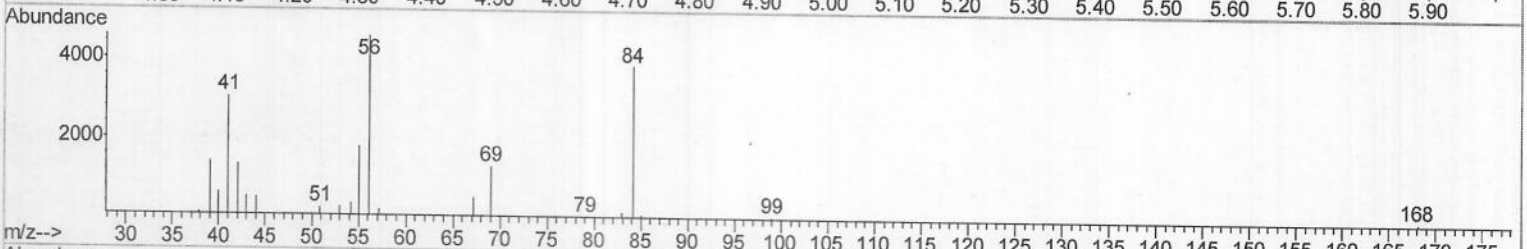
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

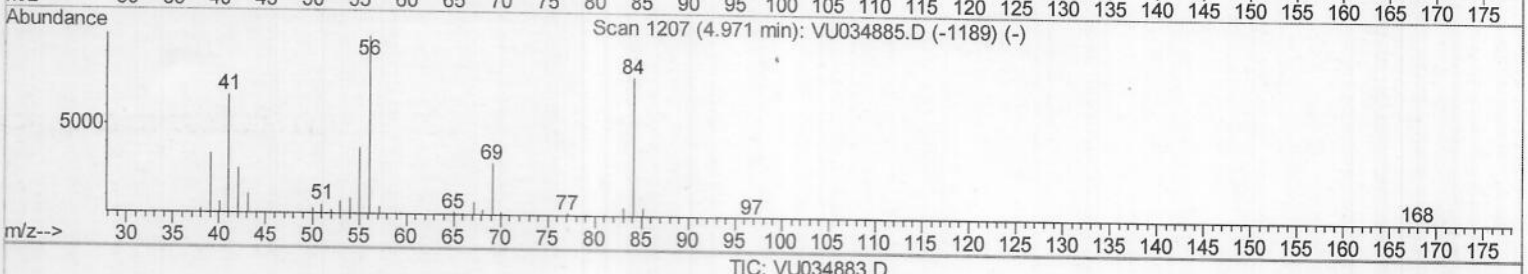
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(29) Cyclohexane (T)

4.977min (+0.006) 2.47ug/L m MD 10/10/19

response 11639

Ion	Exp%	Act%
56.00	100	100
69.00	28.20	27.45
84.00	77.00	78.69
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

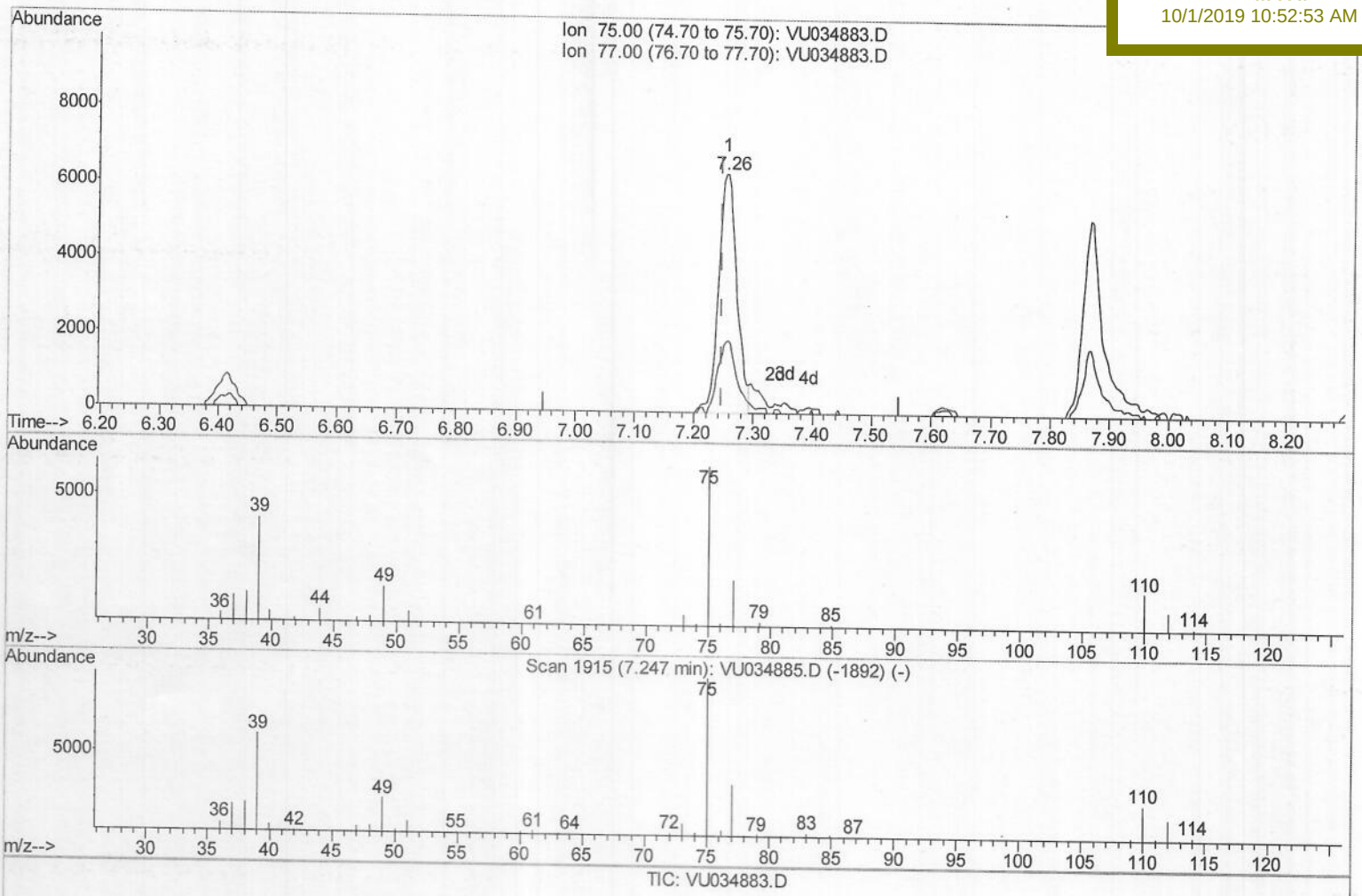
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



(39) cis-1,3-Dichloropropene (T)

7.257min (+0.010) 2.92ug/L

response 13709

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	29.88
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

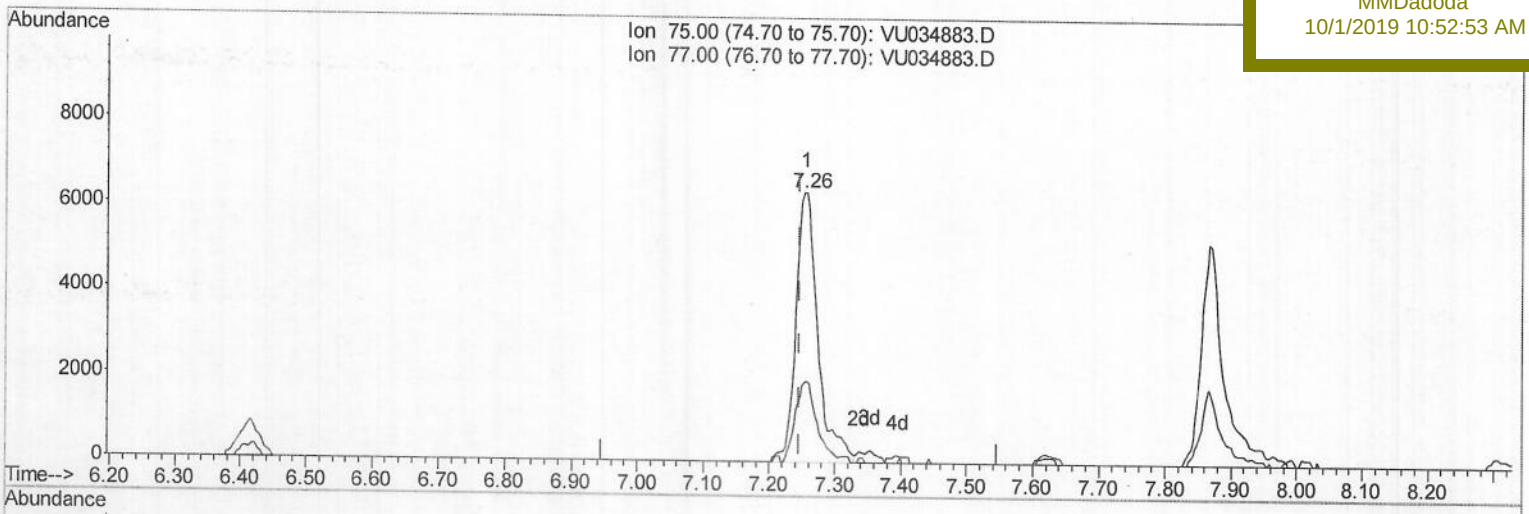
Quantitation Report (Qedit)

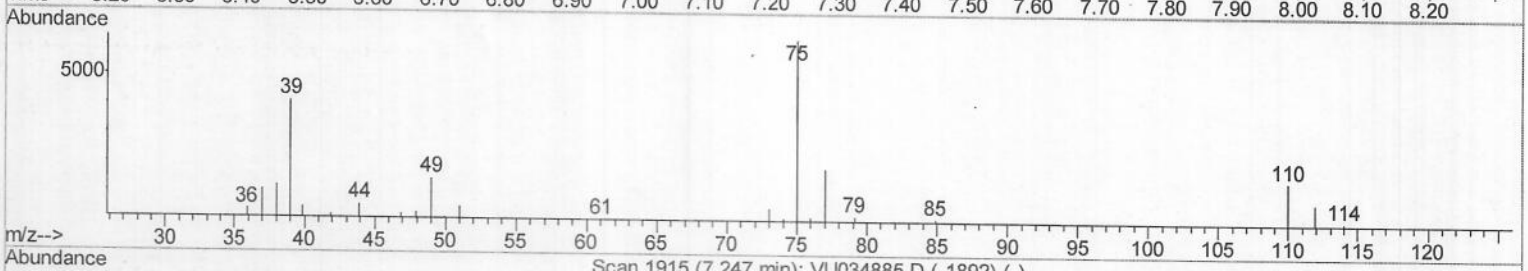
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

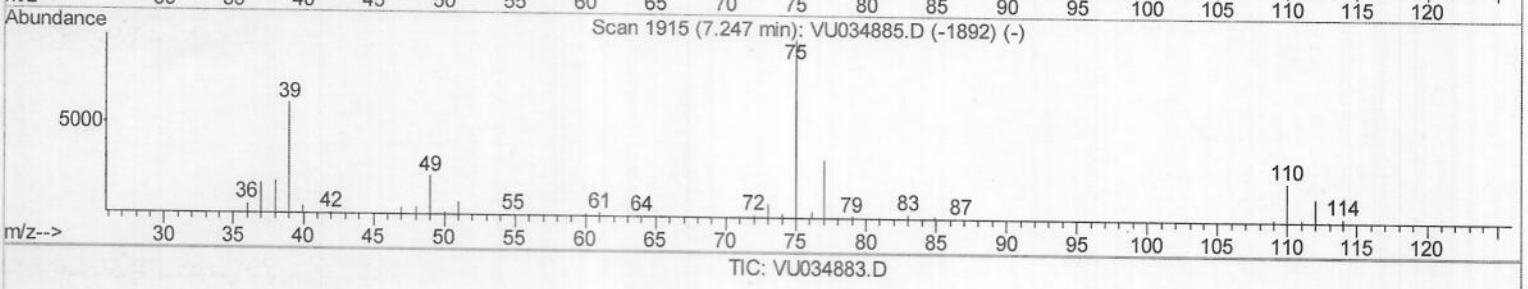
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(39) cis-1,3-Dichloropropene (T)

7.257min (+0.010) 3.15ug/L m MD 10/1/19

response 14778

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	29.88
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

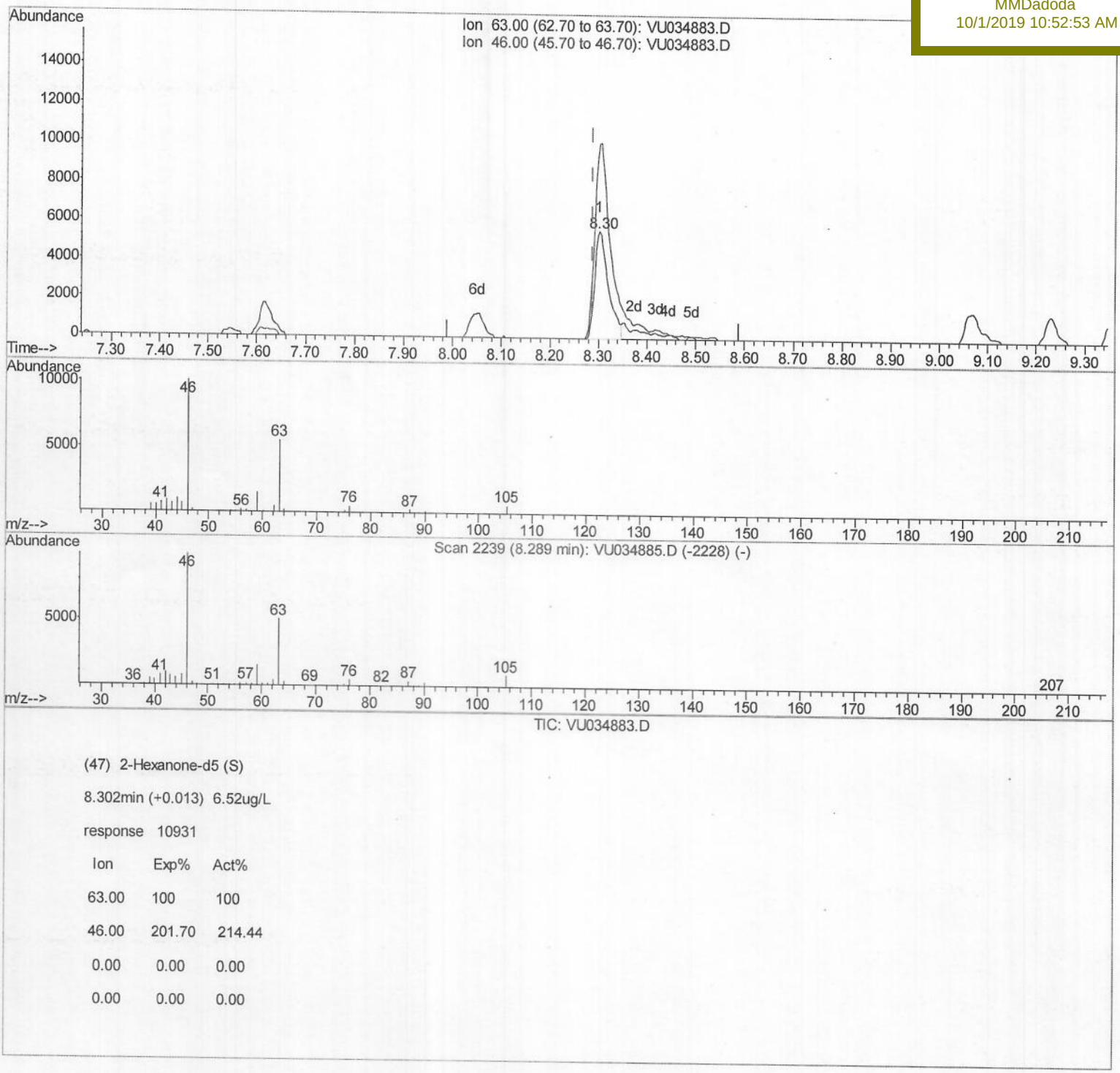
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



TIC: VU034883.D

(47) 2-Hexanone-d5 (S)

8.302min (+0.013) 6.52ug/L

response 10931

Ion	Exp%	Act%
63.00	100	100
46.00	201.70	214.44
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

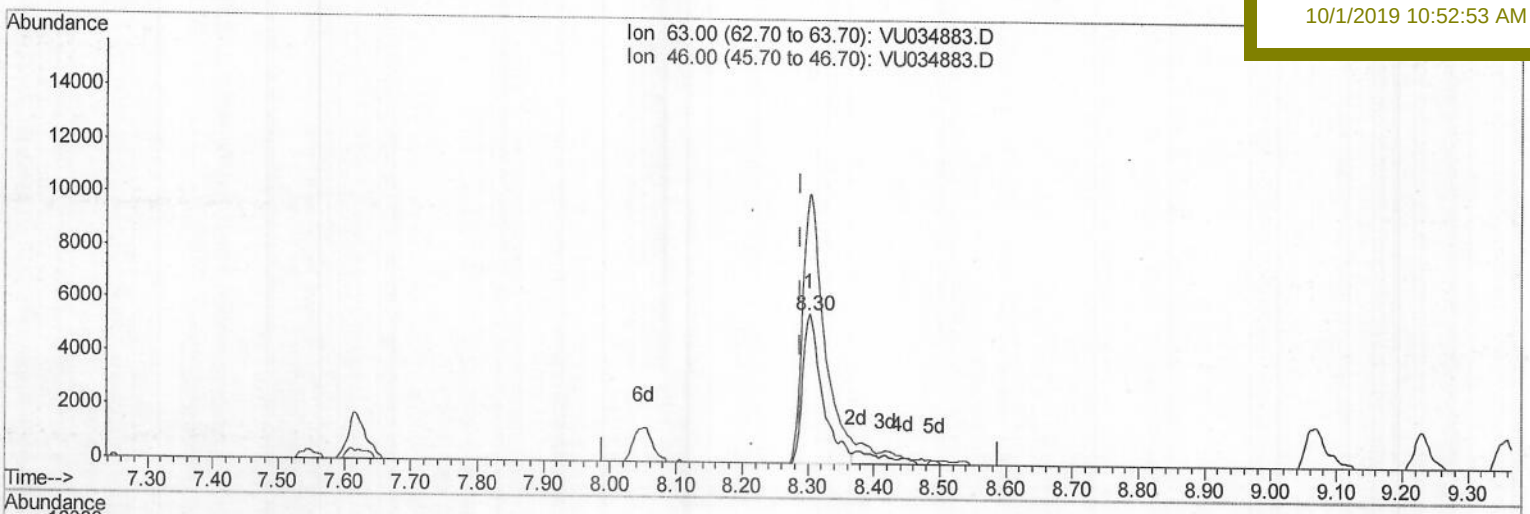
Quantitation Report (Qedit)

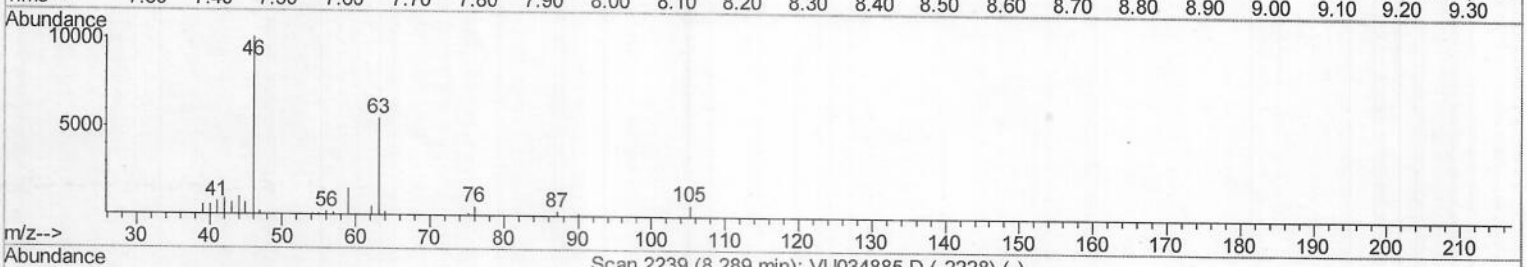
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

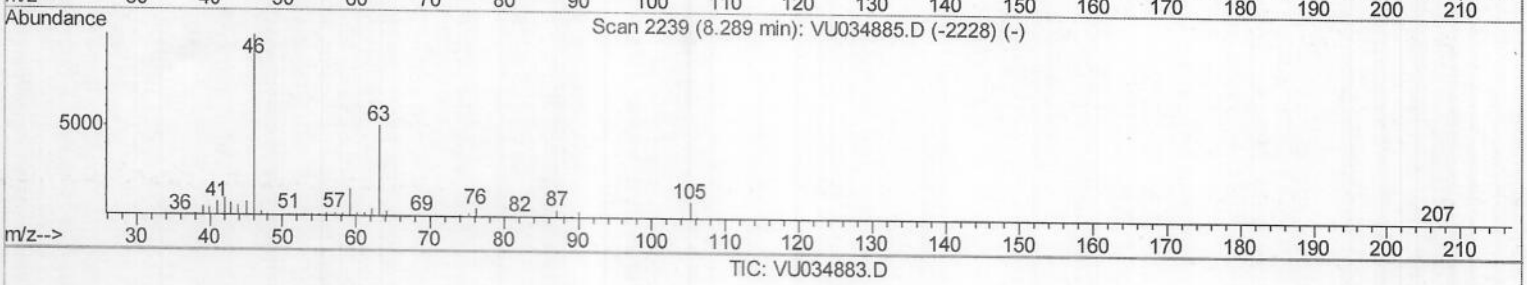
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(47) 2-Hexanone-d5 (S)

8.302min (+0.013) 6.94ug/L m ✓ MD 10/1/19

response 11644

Ion	Exp%	Act%
63.00	100	100
46.00	201.70	201.31
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

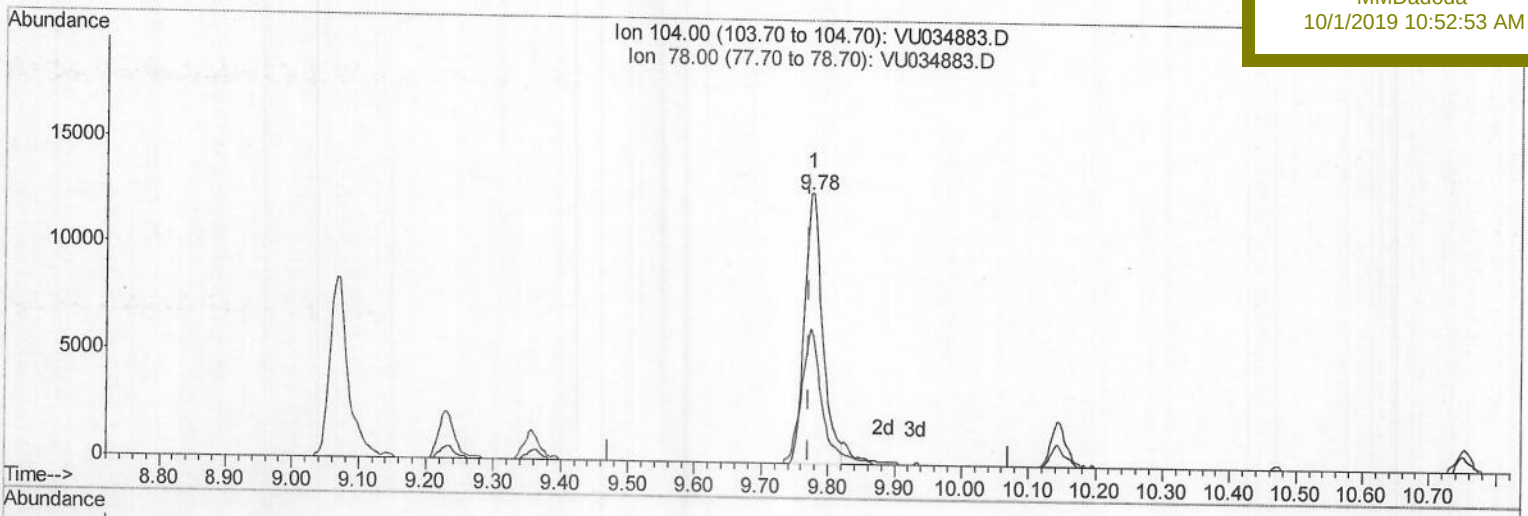
Quantitation Report (Qedit)

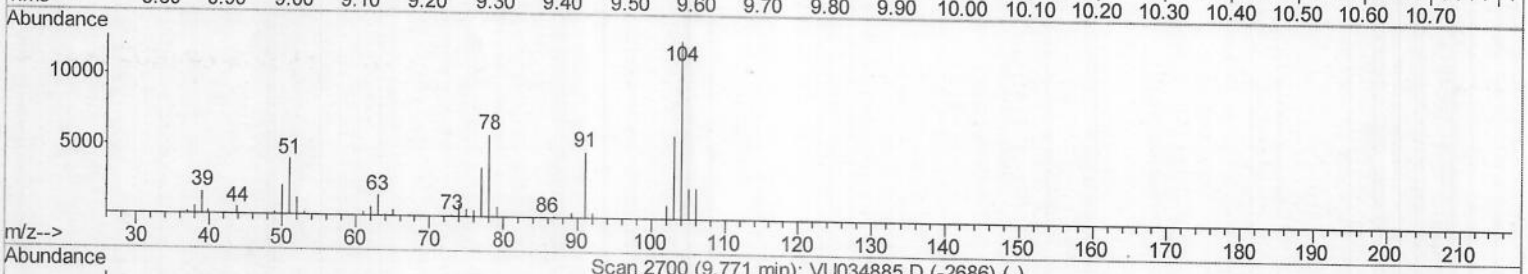
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

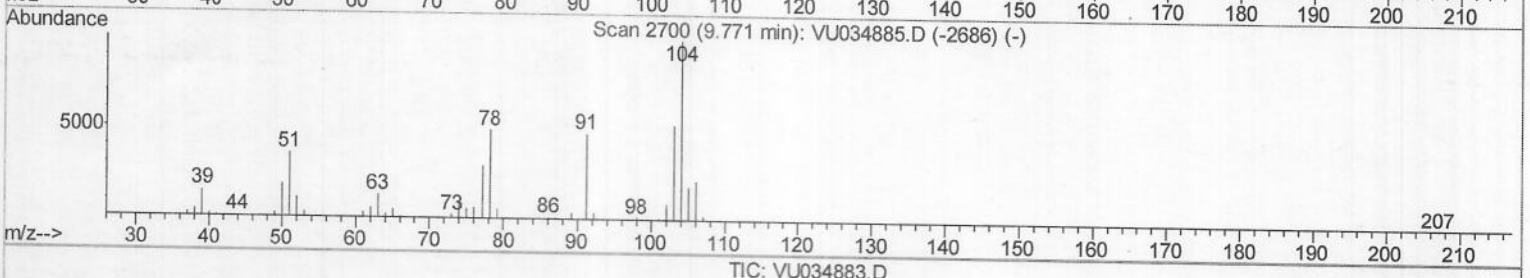
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(55) Styrene (T)

9.778min (+0.006) 3.13ug/L

response 23674

Ion	Exp%	Act%
104.00	100	100
78.00	49.40	46.63
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

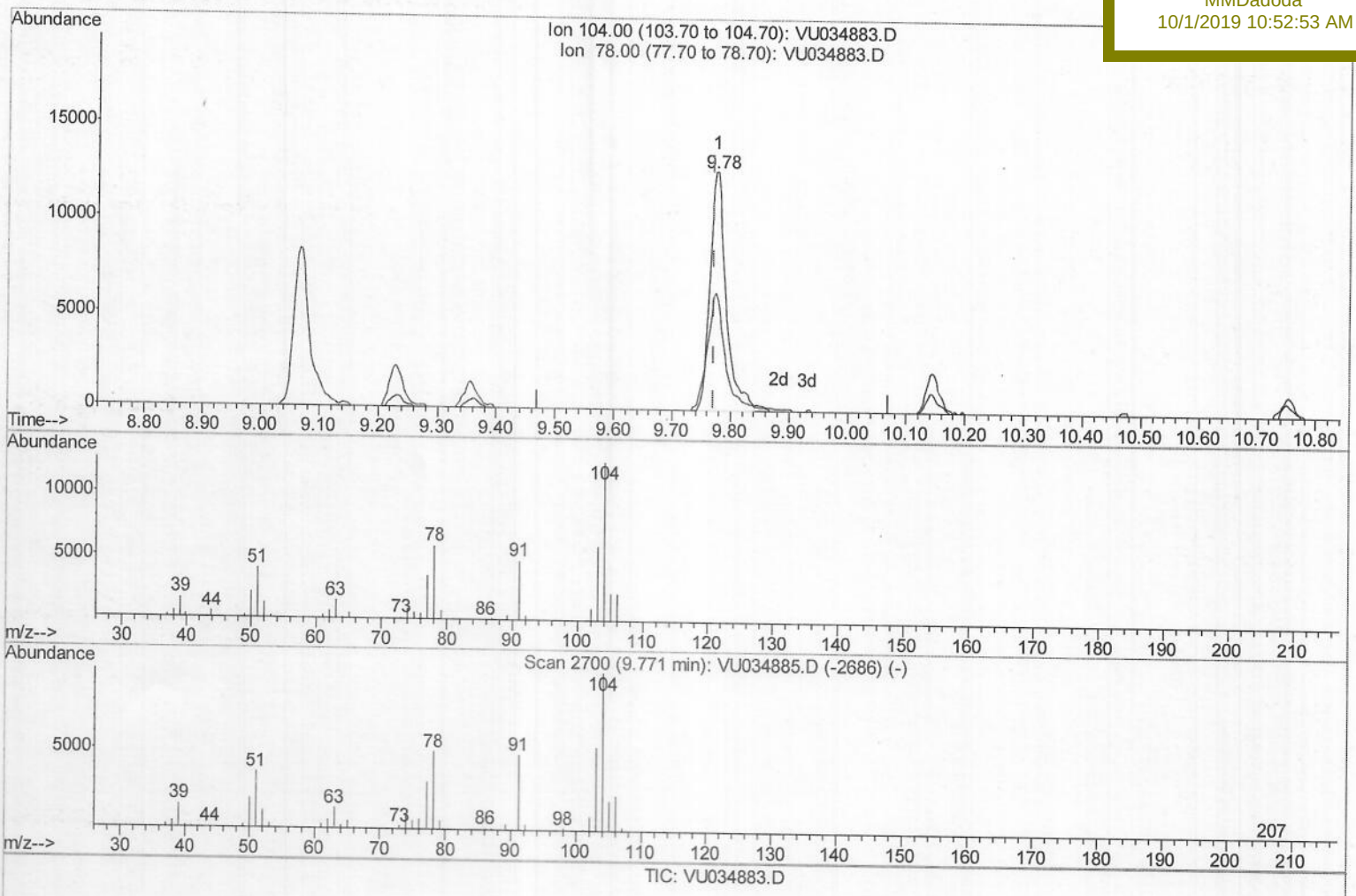
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



TIC: VU034883.D

(55) Styrene (T)

9.778min (+0.006) 3.25ug/L m 7 MD 10/10/19

response 24574

Ion	Exp%	Act%
104.00	100	100
78.00	49.40	46.63
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

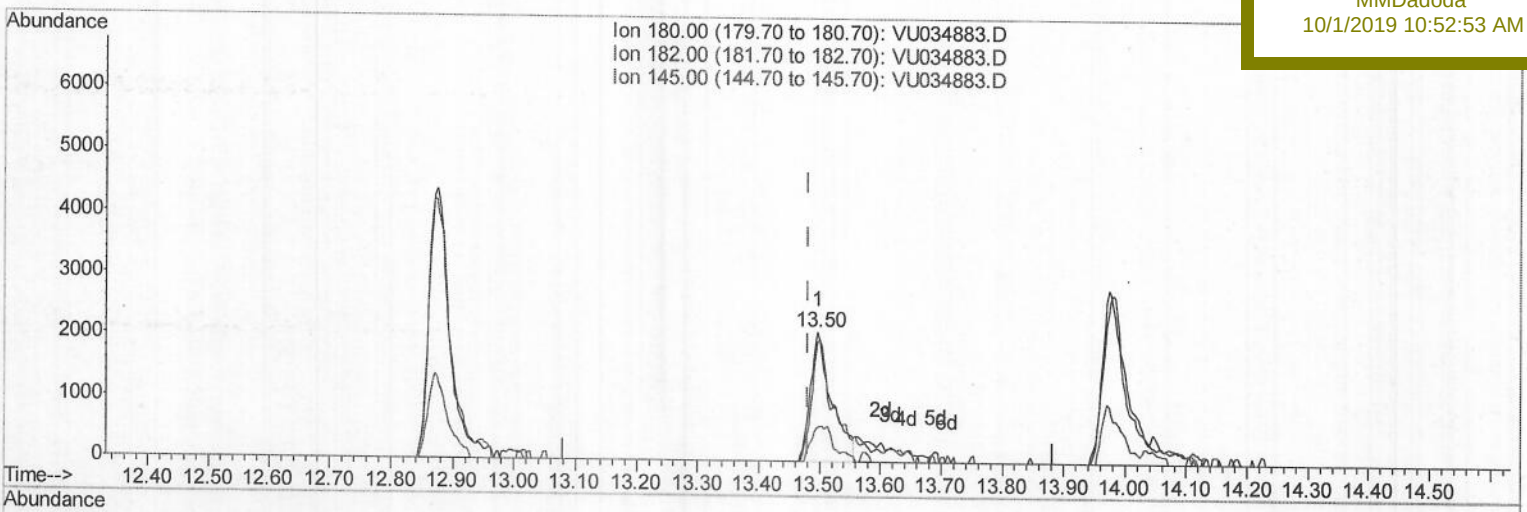
Quantitation Report (Qedit)

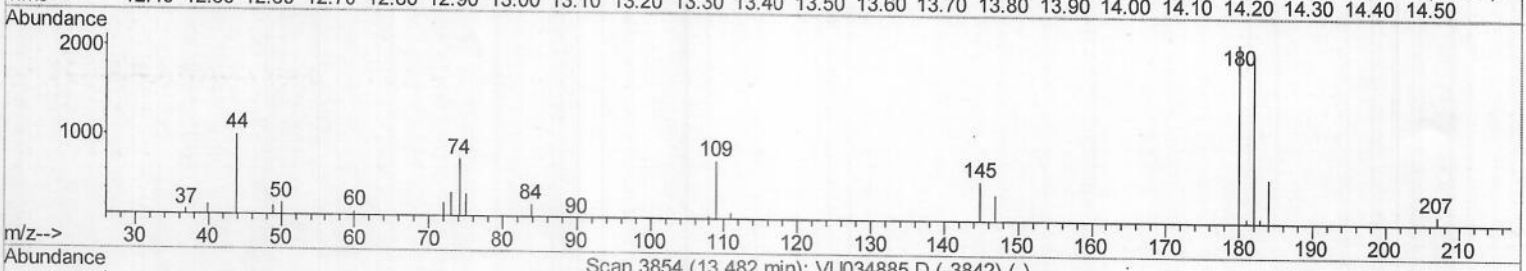
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

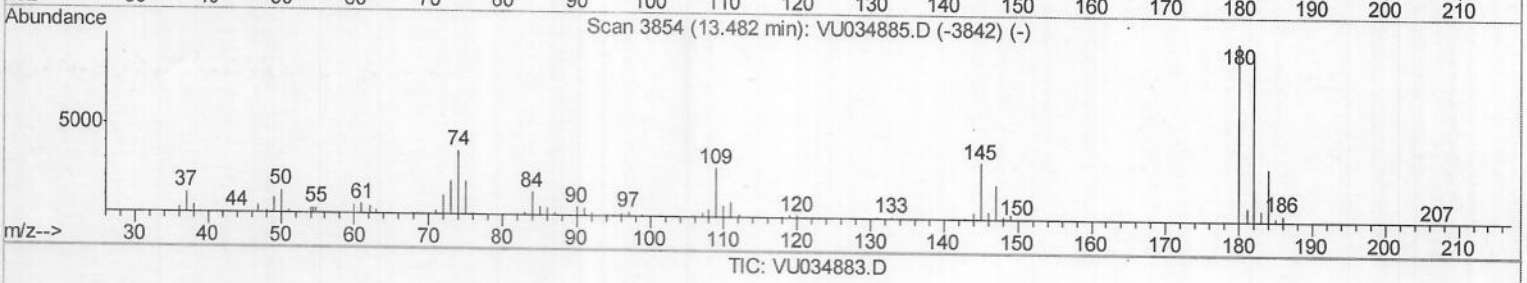
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(68) 1,2,4-trichlorobenzene (T)

13.498min (+0.016) 2.27ug/L

response 5147

Ion	Exp%	Act%
180.00	100	100
182.00	91.80	65.11#
145.00	30.50	16.53#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

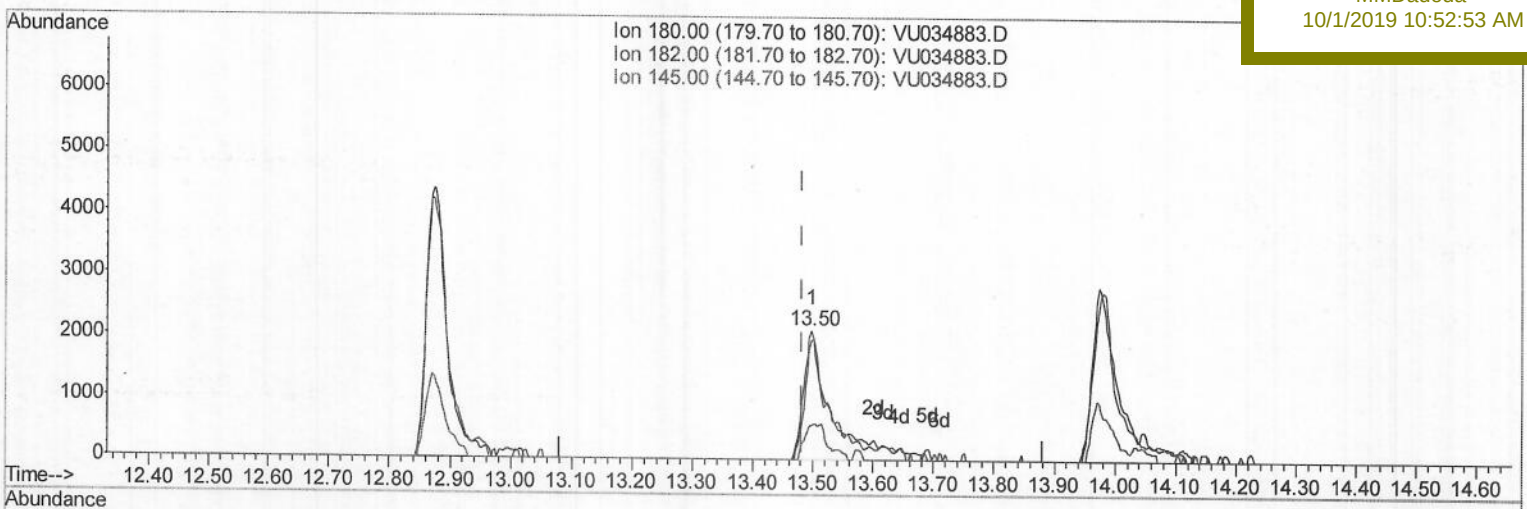
Quantitation Report (Qedit)

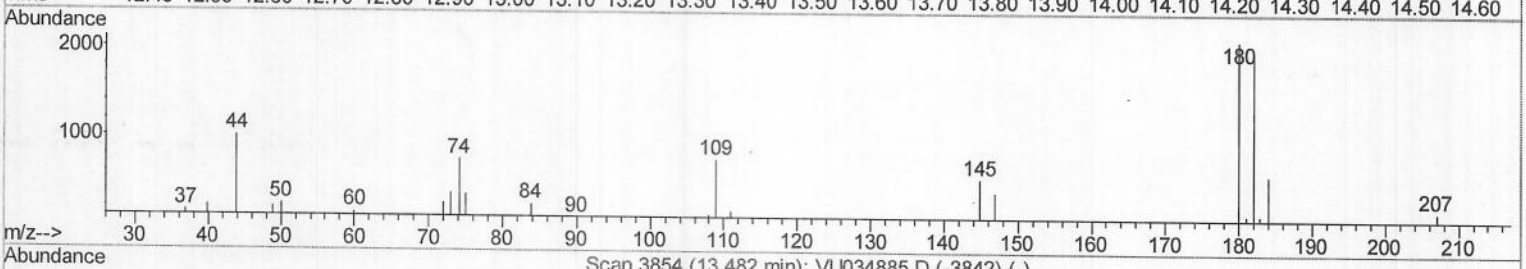
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

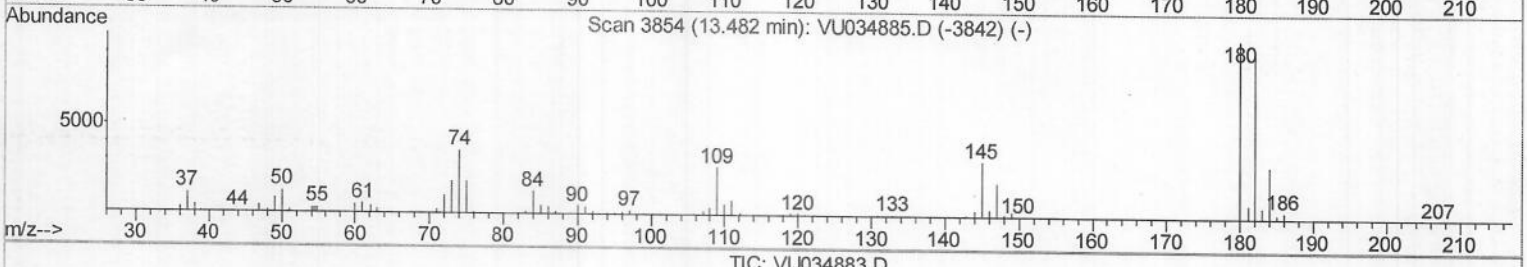
Quant Time: Oct 01 03:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(68) 1,2,4-trichlorobenzene (T)

13.498min (+0.016) 2.92ug/L m Y MD 10/1/19

response 6631

Ion	Exp%	Act%
180.00	100	100
182.00	91.80	50.54#
145.00	30.50	12.83#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

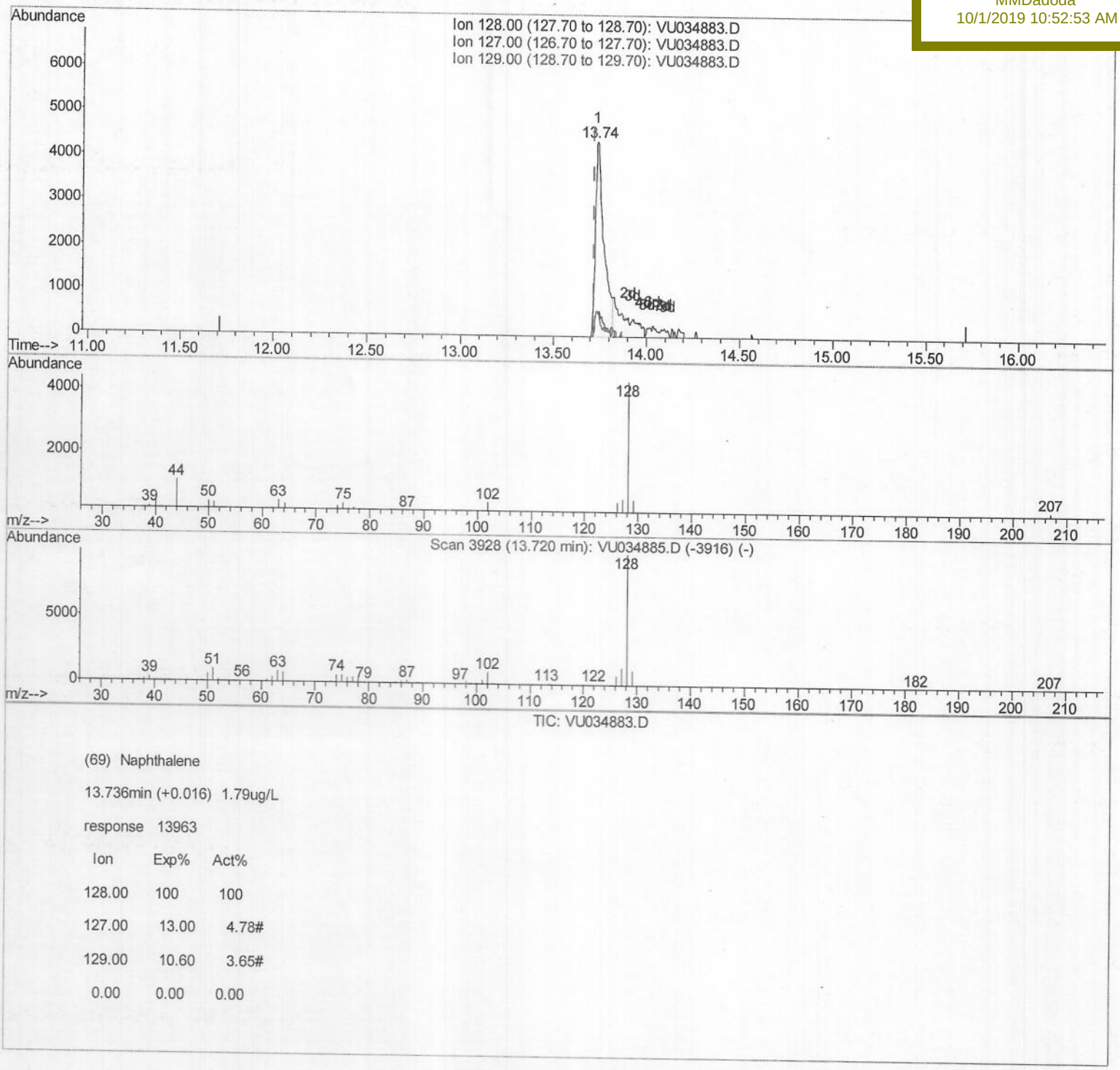
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



(69) Naphthalene

13.736min (+0.016) 1.79ug/L

response 13963

Ion	Exp%	Act%
128.00	100	100
127.00	13.00	4.78#
129.00	10.60	3.65#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

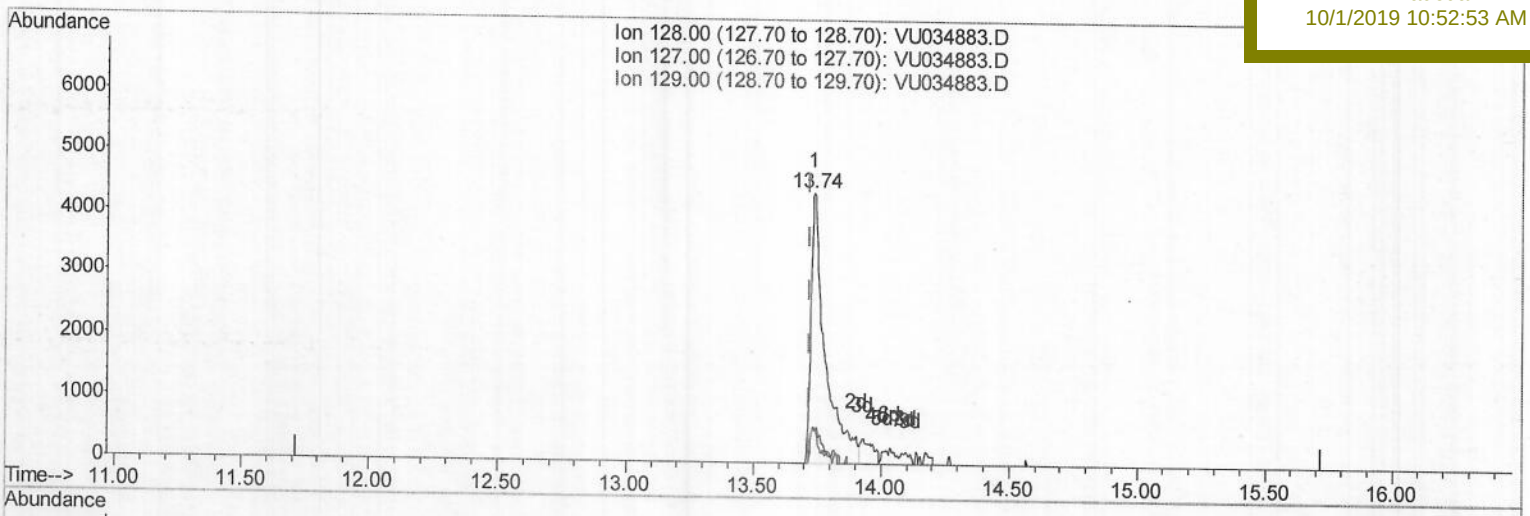
Quantitation Report (Qedit)

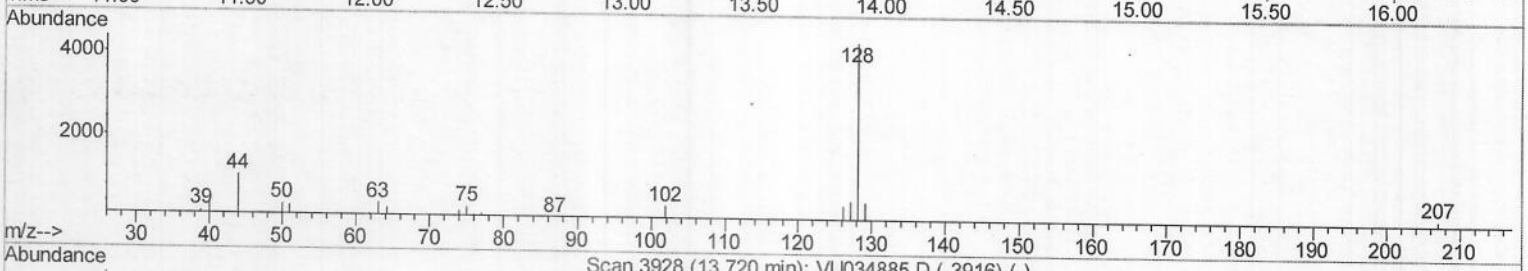
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

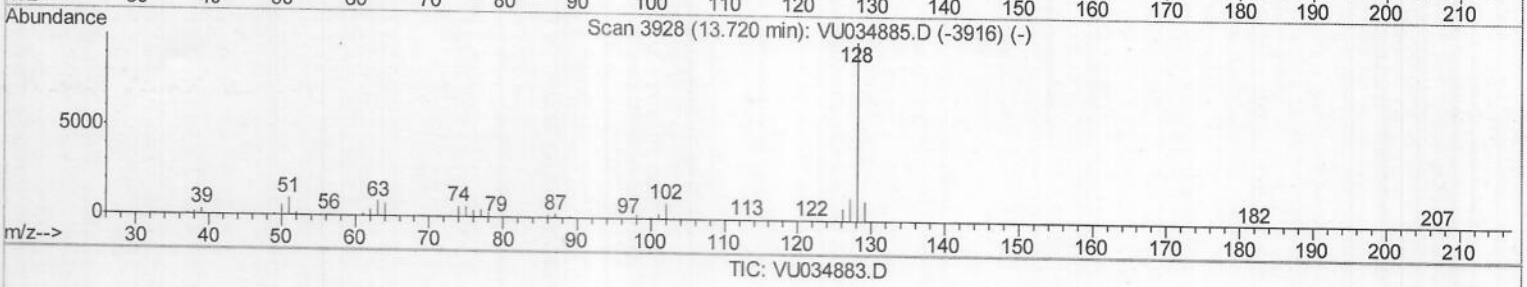
Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(69) Naphthalene

13.736min (+0.016) 2.18ug/L m > MD 10/10/19

response 17018

Ion	Exp%	Act%
128.00	100	100
127.00	13.00	3.93#
129.00	10.60	2.99#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

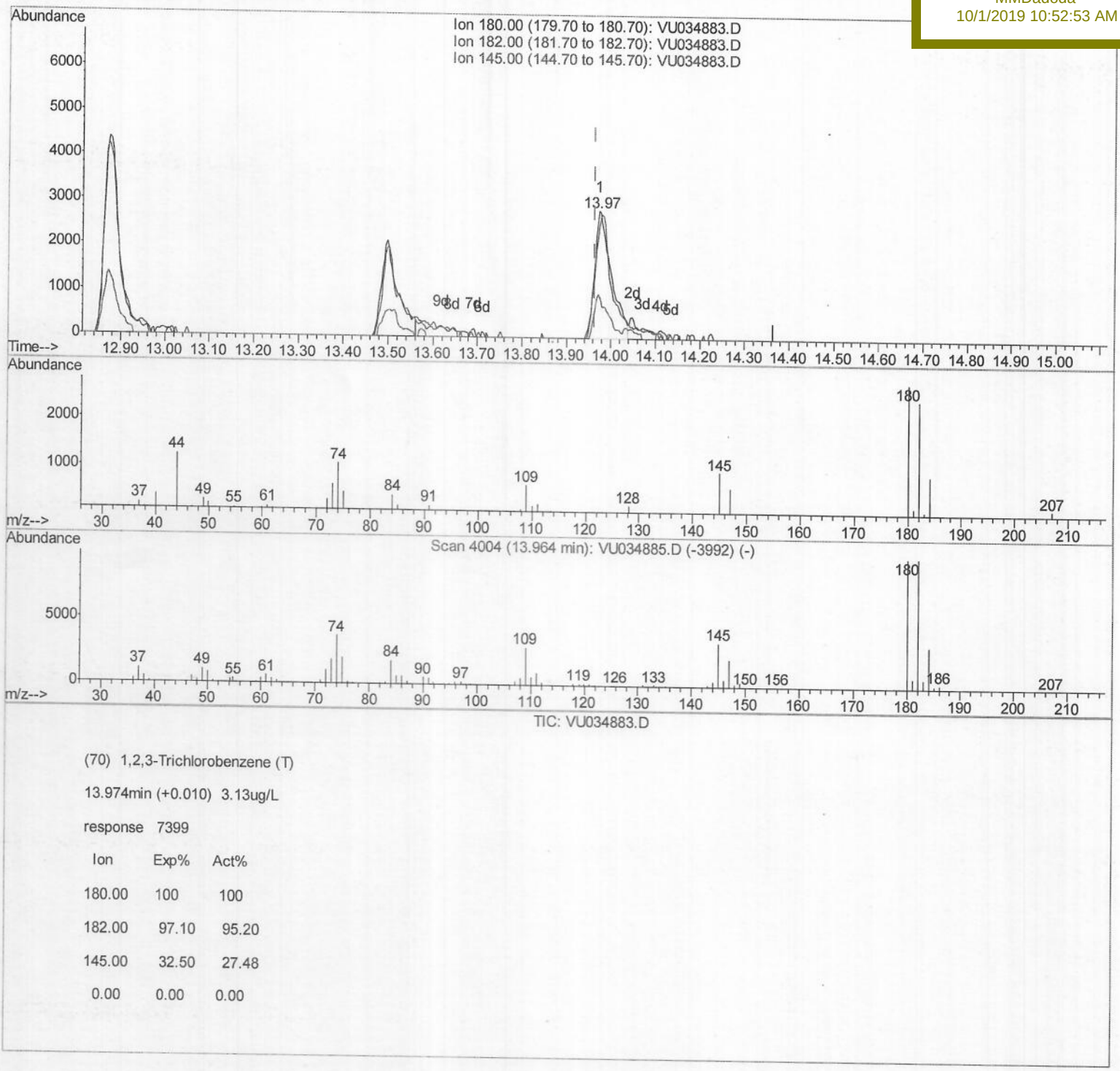
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



TIC: VU034883.D

(70) 1,2,3-Trichlorobenzene (T)

13.974min (+0.010) 3.13ug/L

response 7399

Ion	Exp%	Act%
180.00	100	100
182.00	97.10	95.20
145.00	32.50	27.48
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

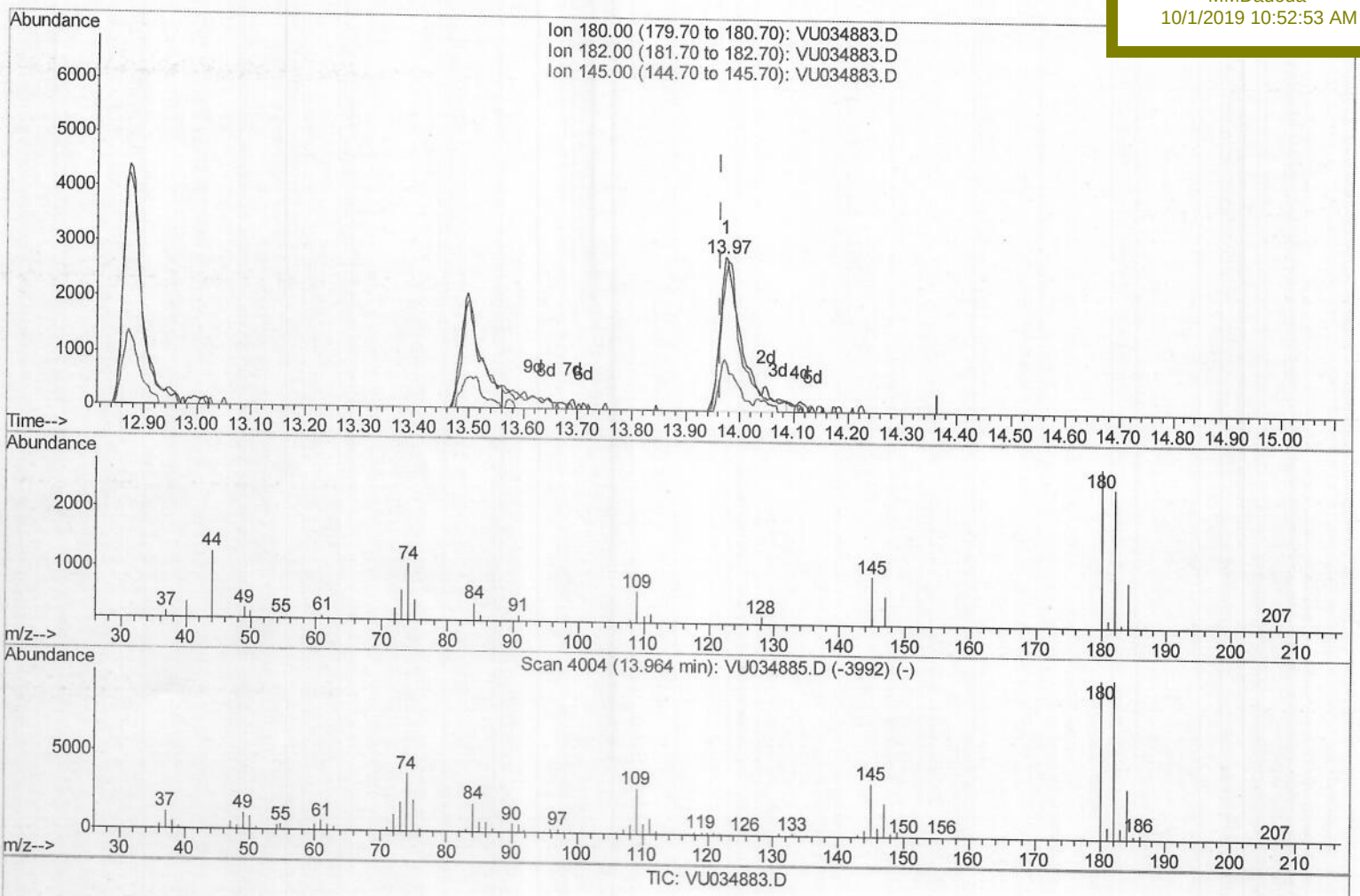
Quantitation Report (Qedit)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 02:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM



(70) 1,2,3-Trichlorobenzene (T)

13.974min (+0.010) 3.47ug/L m > MD 10/10/19

response 8189

Ion	Exp%	Act%
180.00	100	100
182.00	97.10	86.02
145.00	32.50	24.83#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

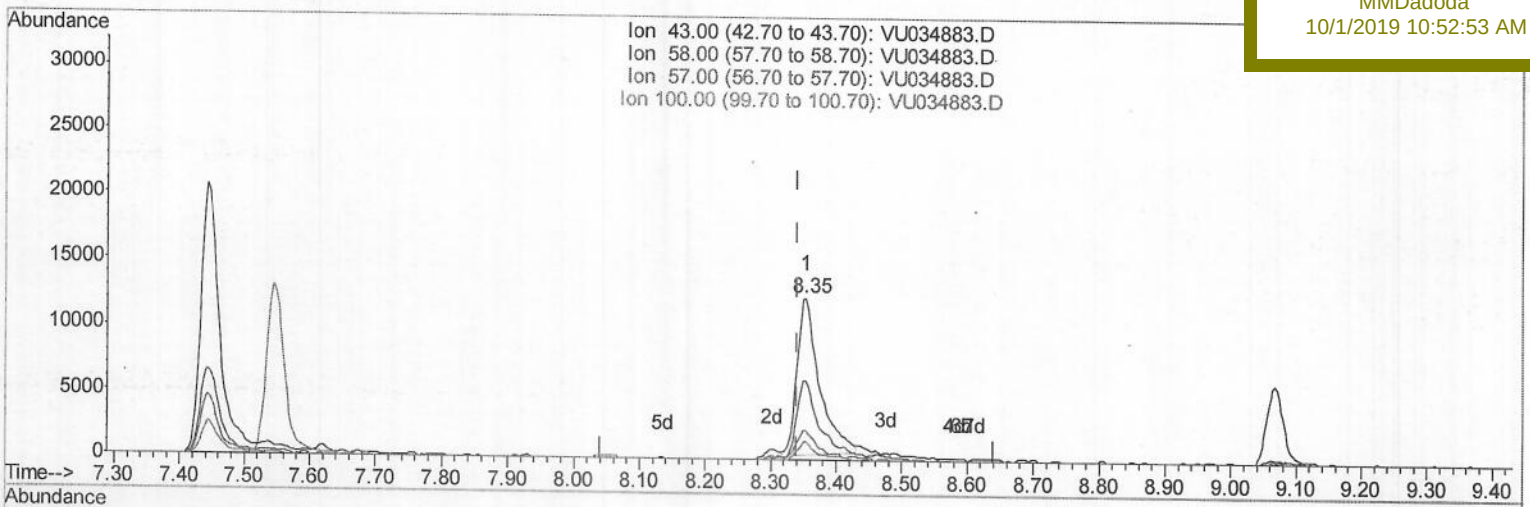
Quantitation Report (Qedit)

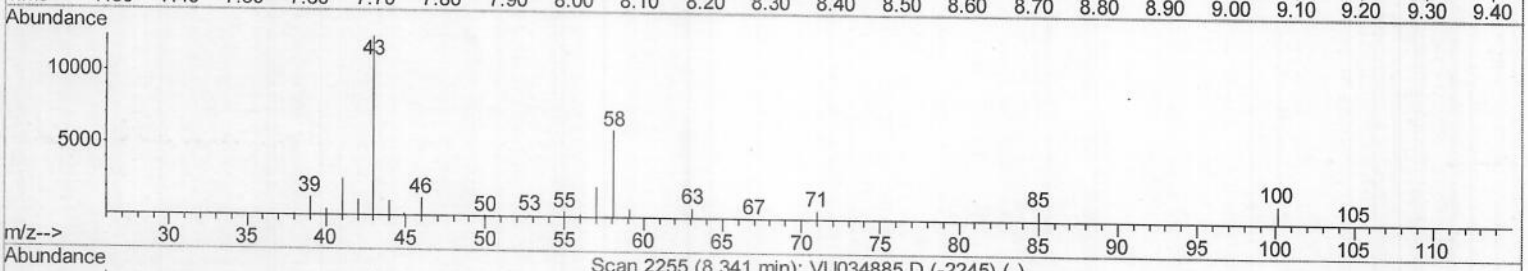
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

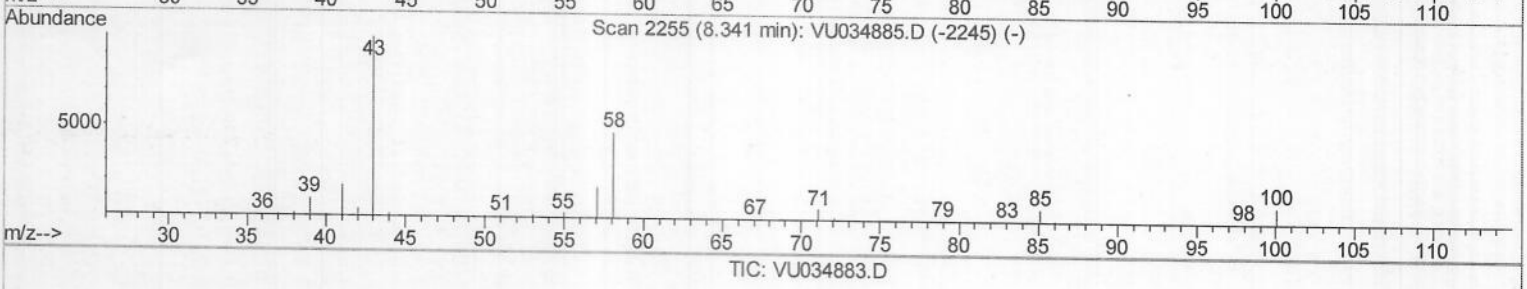
Quant Time: Oct 01 02:50:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(48) 2-Hexanone (T)

8.353min (+0.013) 6.11ug/L

response 28525

Ion	Exp%	Act%
43.00	100	100
58.00	47.30	45.71
57.00	16.70	14.84
100.00	8.90	7.70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

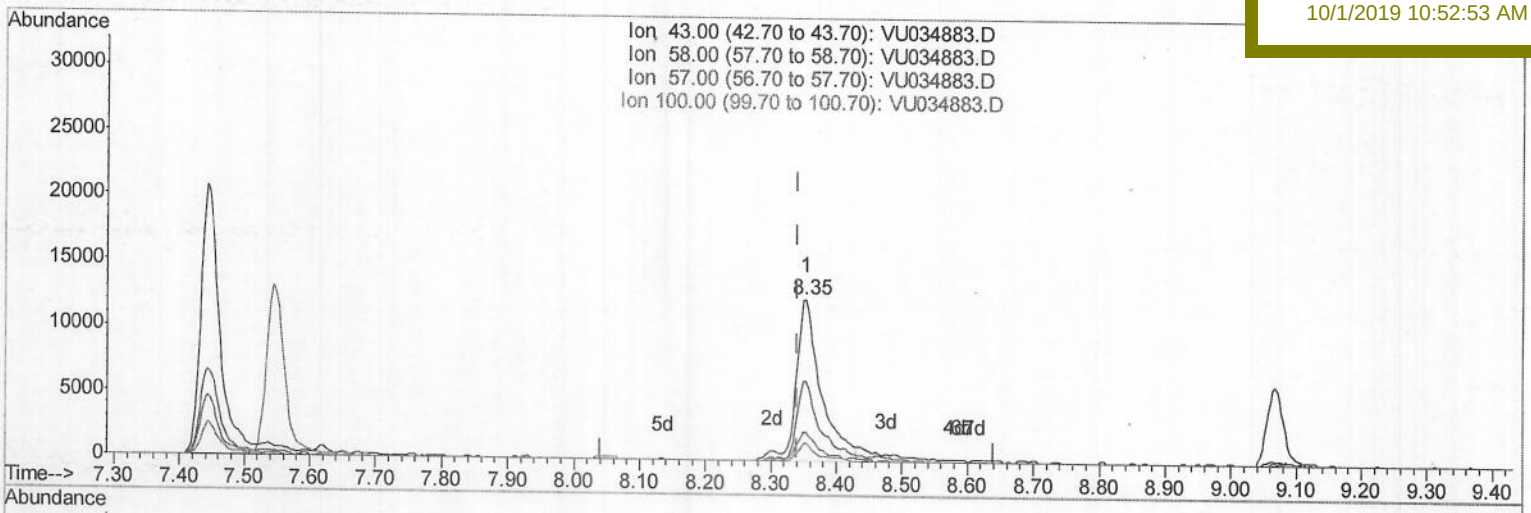
Quantitation Report (Qedit)

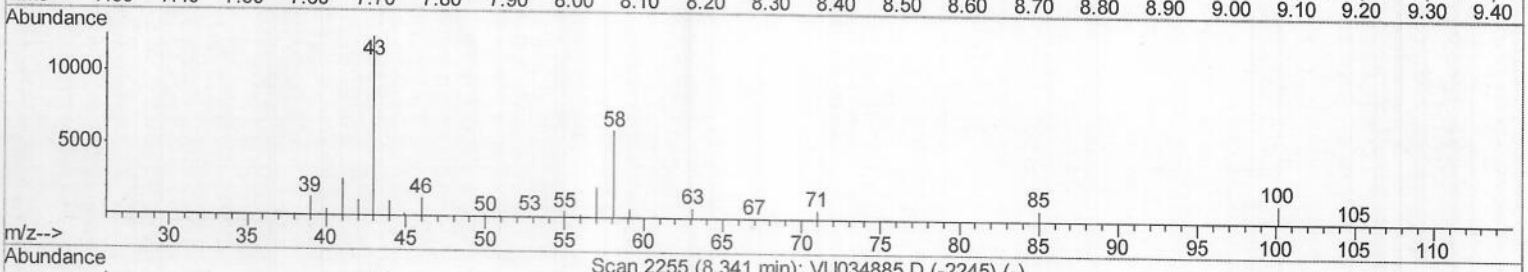
Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

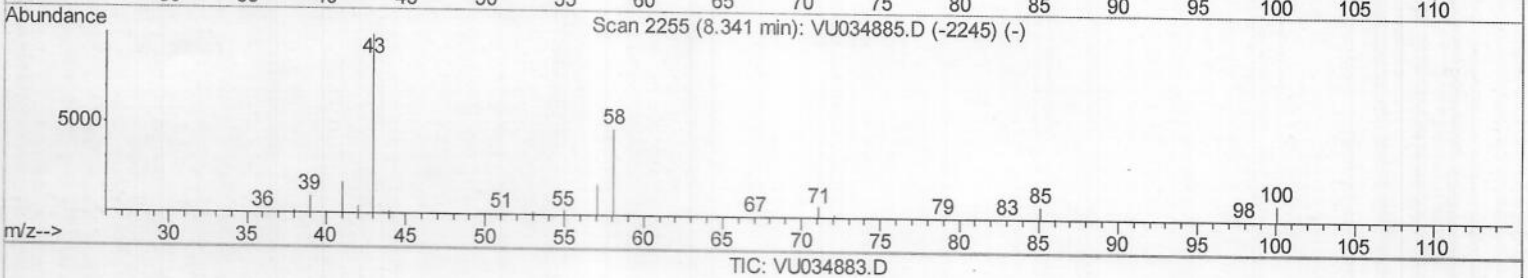
Quant Time: Oct 01 02:50:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM







TIC: VU034883.D

(48) 2-Hexanone (T)

8.353min (+0.013) 6.76ug/L m MD 10/1/19

response 31581

Ion	Exp%	Act%
43.00	100	100
58.00	47.30	41.29
57.00	16.70	13.40
100.00	8.90	6.95#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

Quantitation Report (QT Reviewed)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 03:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	332245	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	319269	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	127422	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	11771	3.68	ug/L		0.00
7) Chloroethane-d5	1.68	69	10227	4.10	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.26	63	21022	3.85	ug/L		0.00
21) 2-Butanone-d5	4.17	46	19156	7.58	ug/L		0.02
24) Chloroform-d	4.63	84	21341	4.39	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.29	65	16739	4.68	ug/L		0.00
32) Benzene-d6	5.32	84	42777	4.41	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.31	67	15632	4.66	ug/L		0.00
41) Toluene-d8	7.55	98	40502	4.42	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.84	79	5600	3.52	ug/L		0.00
47) 2-Hexanone-d5	8.30	63	11644m	6.94	ug/L		0.01
57) 1,1,2,2-Tetrachloroethane-	10.41	84	20190	4.28	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	13175	4.96	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	9816	3.110	ug/L		95
3) Chloromethane	1.32	50	8554	2.340	ug/L		97
5) Vinyl chloride	1.40	62	8019	2.391	ug/L		98
6) Bromomethane	1.62	94	4379	2.405	ug/L		99
8) Chloroethane	1.69	64	5523	2.839	ug/L		95
9) Trichlorofluoromethane	1.88	101	12532	2.892	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7918	3.692	ug/L		99
12) 1,1-Dichloroethene	2.27	96	6152	3.078	ug/L		92
13) Acetone	2.31	43	18778	6.628	ug/L		96
14) Carbon disulfide	2.46	76	9474	1.501	ug/L	#	93
15) Methyl Acetate	2.61	43	13839	3.596	ug/L	#	74
16) Methylene chloride	2.69	84	9456	3.651	ug/L		97
17) trans-1,2-Dichloroethene	2.97	96	6072	2.789	ug/L		95
18) Methyl tert-butyl Ether	2.98	73	35442	4.157	ug/L		99
19) 1,1-Dichloroethane	3.43	63	18836	3.652	ug/L		99
20) cis-1,2-Dichloroethene	4.21	96	8879	3.377	ug/L		95
22) 2-Butanone	4.25	43	20443m	6.026	ug/L		
23) Bromochloromethane	4.53	128	4419m	3.525	ug/L		
25) Chloroform	4.65	83	22127	4.287	ug/L		98
27) 1,2-Dichloroethane	5.39	62	15653	3.576	ug/L		99
29) Cyclohexane	4.98	56	11639m	2.468	ug/L		
30) 1,1,1-Trichloroethane	4.89	97	15656	3.784	ug/L		99
31) Carbon tetrachloride	5.12	117	11437	3.301	ug/L		97
33) Benzene	5.37	78	32755	3.177	ug/L		100
34) Trichloroethene	6.17	95	8498	3.326	ug/L		97
35) Methylcyclohexane	6.39	83	10183	2.431	ug/L		98
37) 1,2-Dichloropropane	6.41	63	11445	3.673	ug/L	#	93
38) Bromodichloromethane	6.74	83	13774	3.606	ug/L		98
39) cis-1,3-Dichloropropene	7.26	75	14778m	3.150	ug/L		
40) 4-Methyl-2-pentanone	7.44	43	42345	7.028	ug/L		98

MD 10/10/19

MD 10/10/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100119\

Quantitation Report (QT Reviewed)

Data File : VU034883.D
Acq On : 30 Sep 2019 17:18
Operator : JC/SP
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 01 03:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:35:34 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTD00532

Manual Integrations APPROVED
MMDadoda
10/1/2019 10:52:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.62	91	35453	3.187	ug/L		97
44) trans-1,3-Dichloropropene	7.87	75	12280	2.931	ug/L		92
45) 1,1,2-Trichloroethane	8.05	97	10567	4.119	ug/L		94
46) Tetrachloroethene	8.21	164	5326	2.996	ug/L		89
48) 2-Hexanone	8.35	43	31581m	6.764	ug/L		
49) Dibromochloromethane	8.46	129	9932	3.500	ug/L		91
50) 1,2-Dibromoethane	8.57	107	9374	3.475	ug/L		98
51) Chlorobenzene	9.10	112	24795	3.607	ug/L		96
52) Ethylbenzene	9.23	91	40075	3.173	ug/L		100
53) m,p-Xylene	9.36	106	14047	3.158	ug/L		95
54) o-xylene	9.76	106	14879	3.347	ug/L		91
55) Styrene	9.78	104	24574m	3.249	ug/L		
56) Isopropylbenzene	10.14	105	40728	3.375	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.44	83	21368	4.309	ug/L		99
59) 1,2,3-Trichloropropane	10.47	75	17052	4.246	ug/L		95
61) Bromoform	9.94	173	6527	3.835	ug/L	#	96
62) 1,3-Dichlorobenzene	11.40	146	17668	4.138	ug/L		97
63) 1,4-Dichlorobenzene	11.49	146	17981	4.142	ug/L		96
65) 1,2-Dichlorobenzene	11.86	146	18712	4.291	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.64	75	3087	3.329	ug/L		91
67) 1,3,5-Trichlorobenzene	12.87	180	9844	3.394	ug/L		96
68) 1,2,4-trichlorobenzene	13.50	180	6631m	2.925	ug/L		
69) Naphthalene	13.74	128	17018m	2.176	ug/L		
70) 1,2,3-Trichlorobenzene	13.97	180	8189m	3.468	ug/L		

MD 10/10/19

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