Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

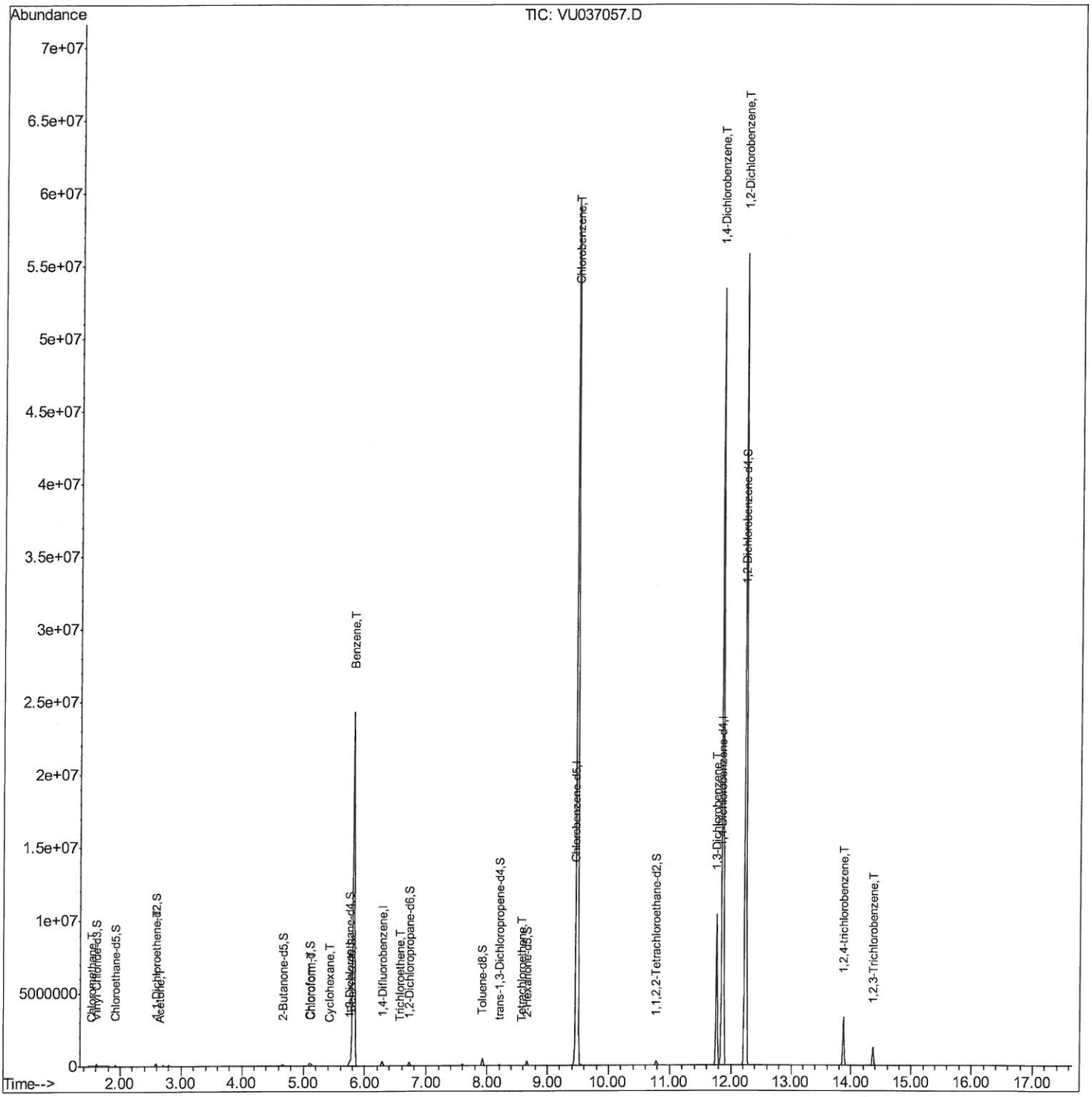
Quantitation Report (QT Reviewed)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 03:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
3/5/2020 3:34:34 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Qedit)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
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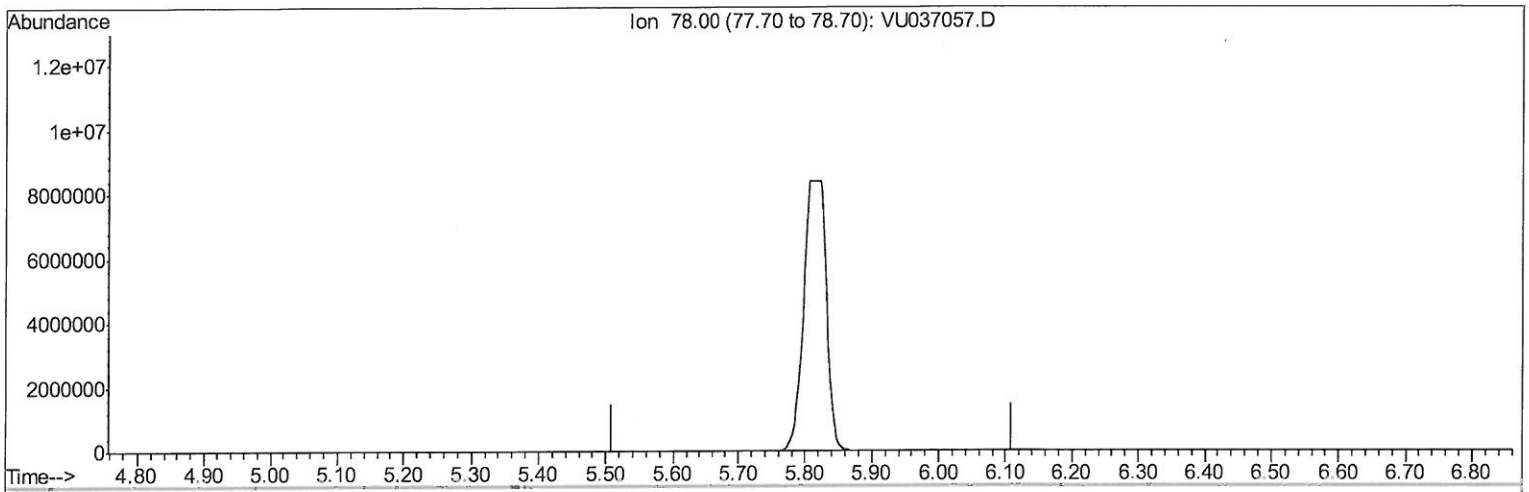

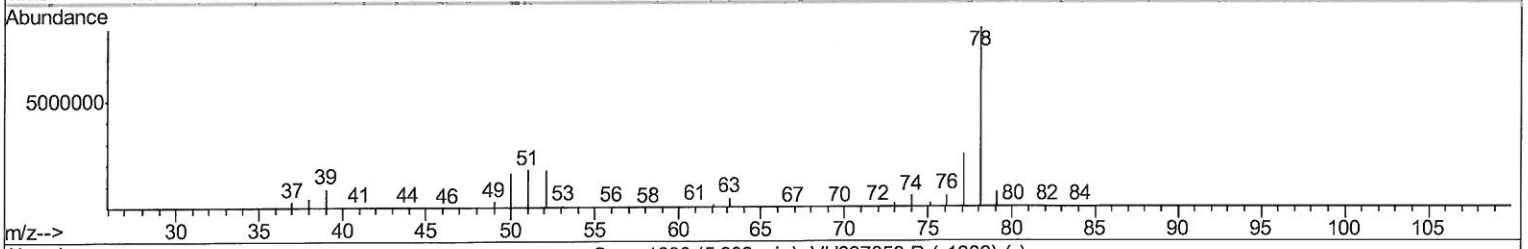

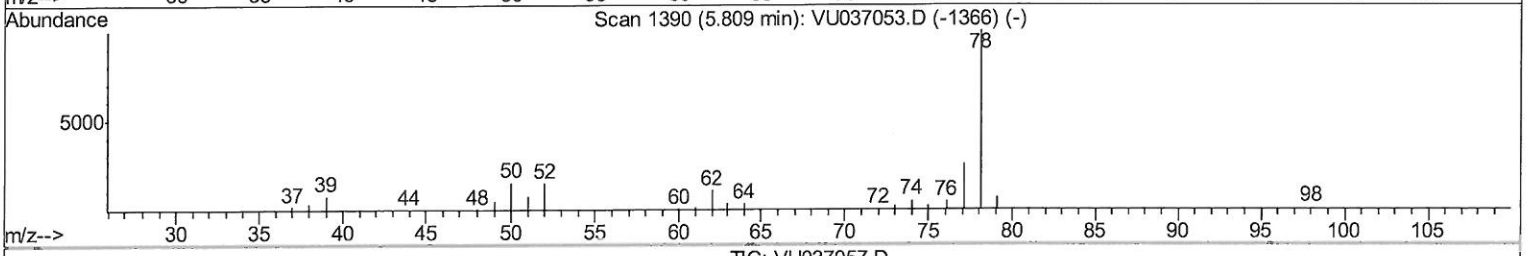

TIC: VU037057.D

(33) Benzene (T)

5.809min (-5.809) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Qedit)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
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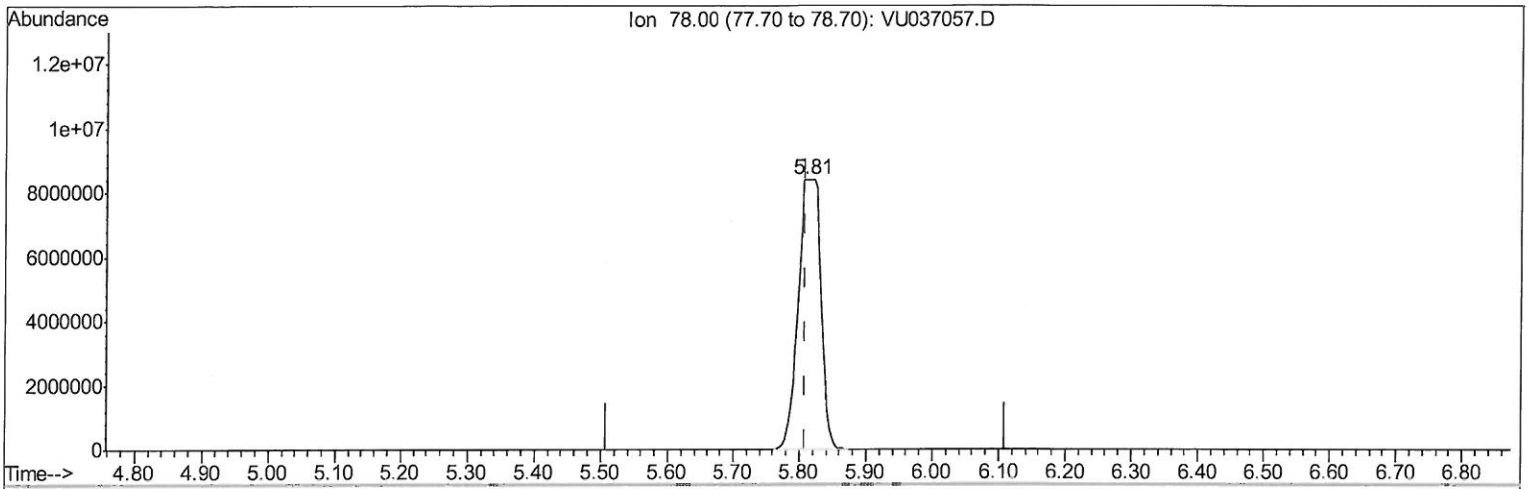

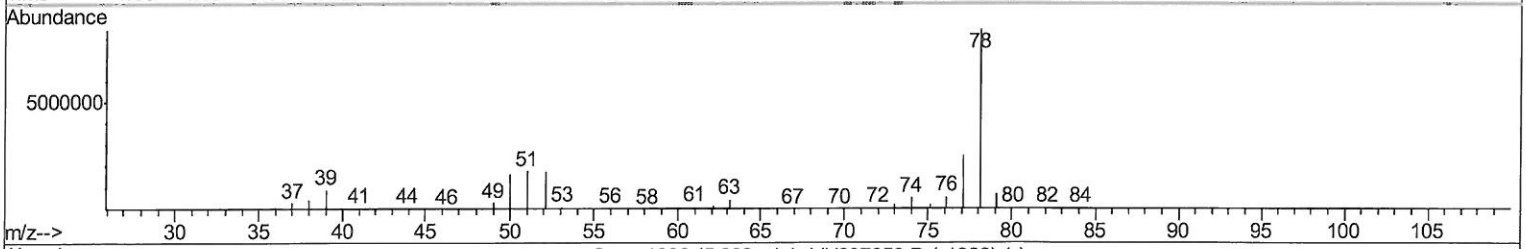

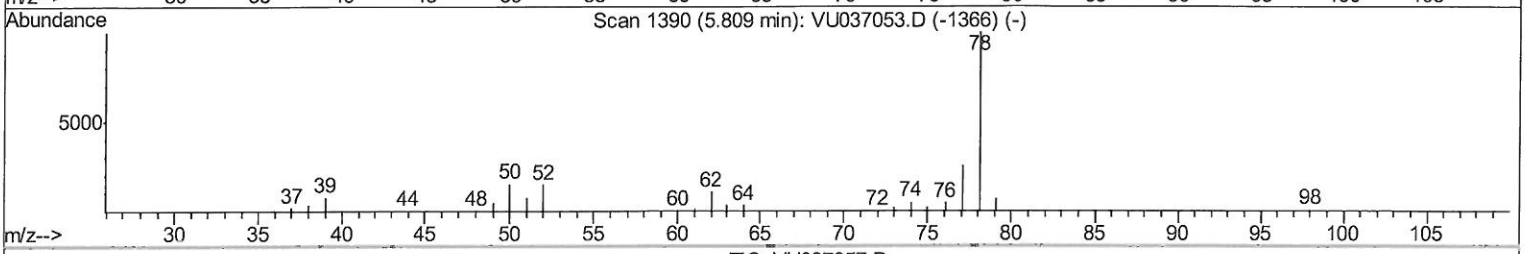

TIC: VU037057.D

(33) Benzene (T)

5.809min (+0.000) 2348.95ug/L m

response 19905104

7MD 3/5/20

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Qedit)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
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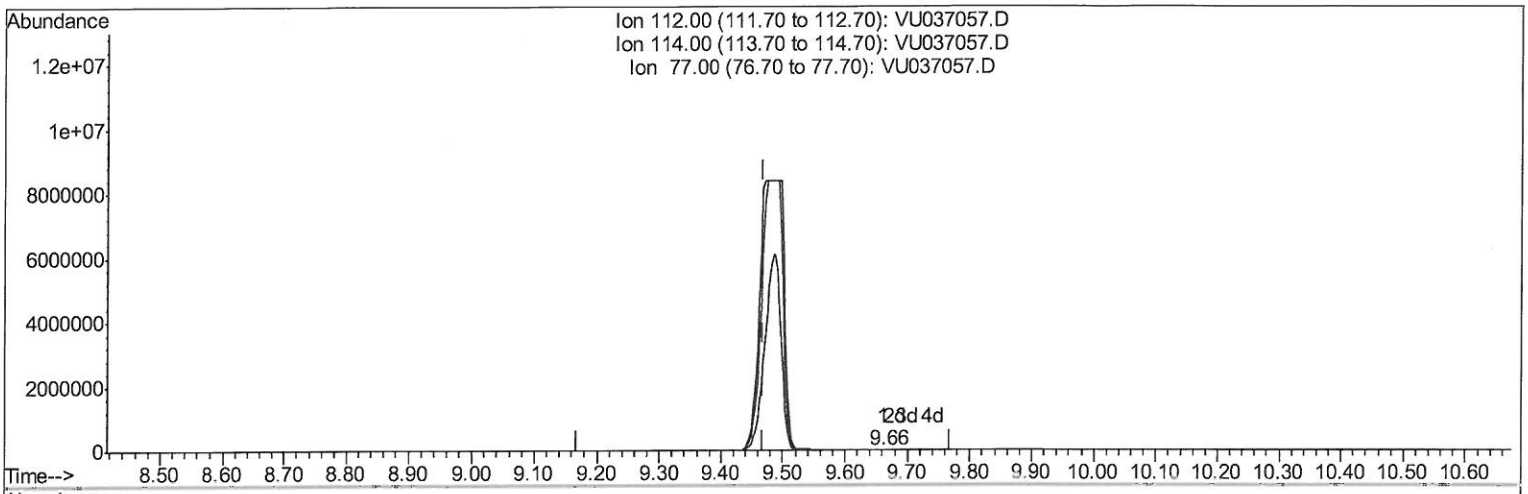

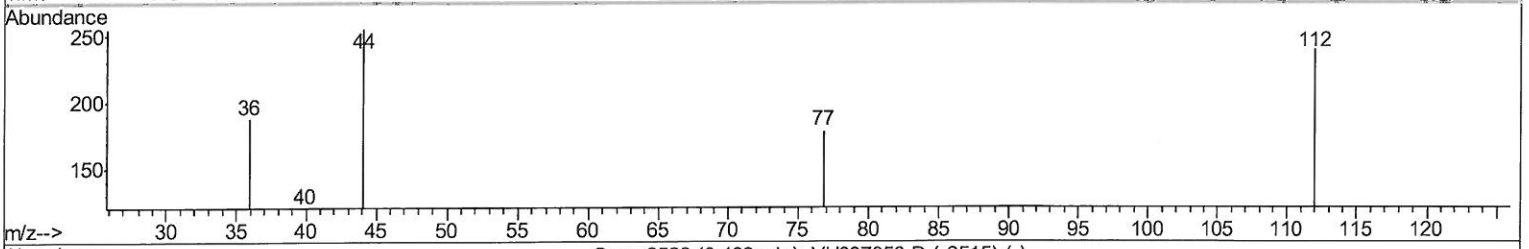

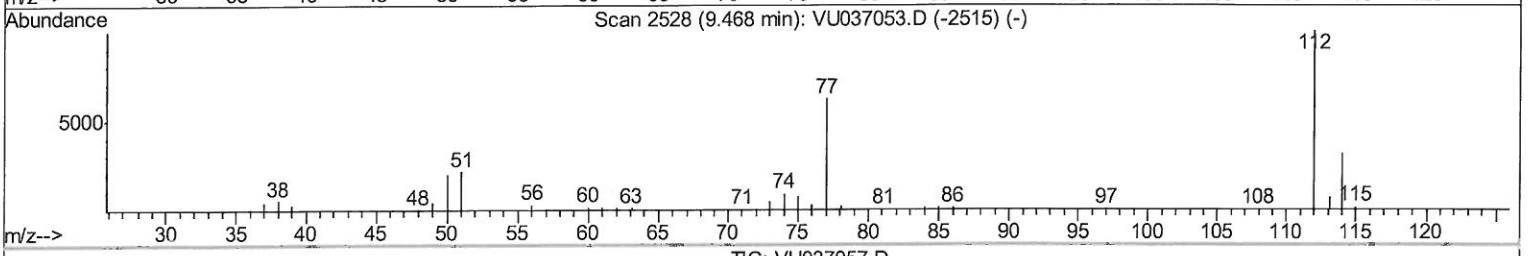

TIC: VU037057.D

(51) Chlorobenzene (T)

9.661min (+0.193) 0.01ug/L

response 42

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	0.00#
77.00	62.60	74.48
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Qedit)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
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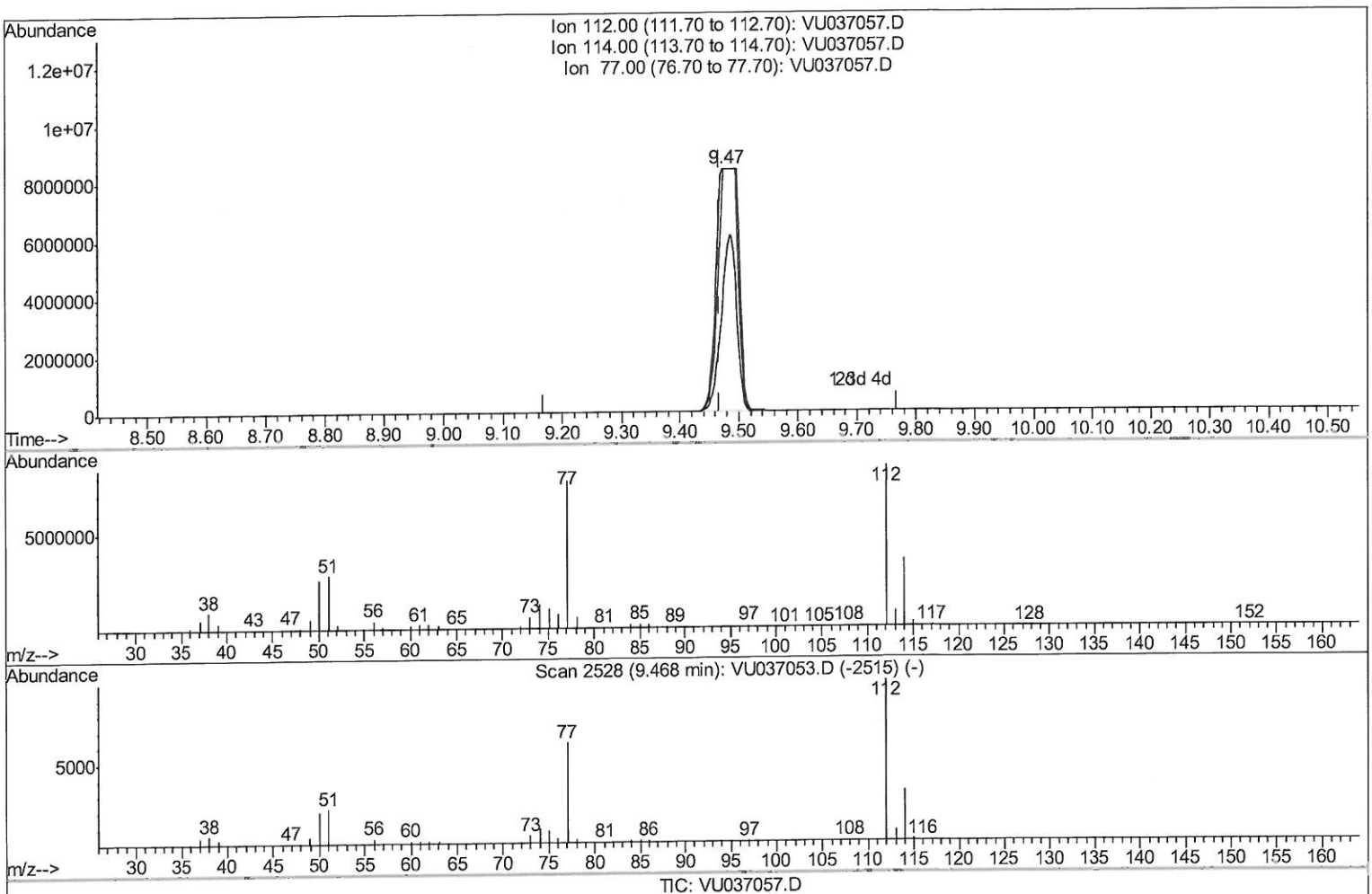


TIC: VU037057.D

(51) Chlorobenzene (T)

9.472min (+0.003) 4162.20ug/L m

response 22265080

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	41.99#
77.00	62.60	91.66#
0.00	0.00	0.00

3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

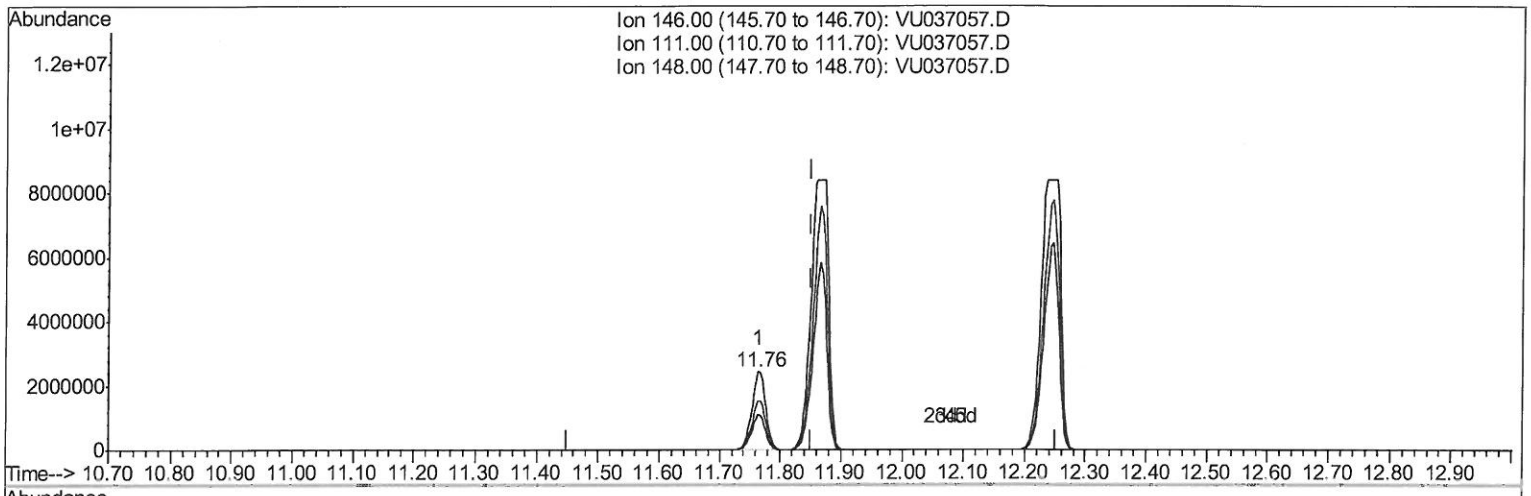
Quantitation Report (Qedit)

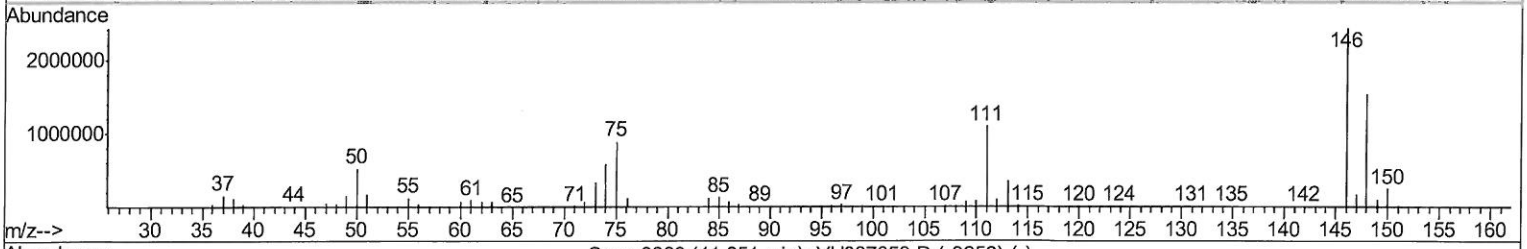
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

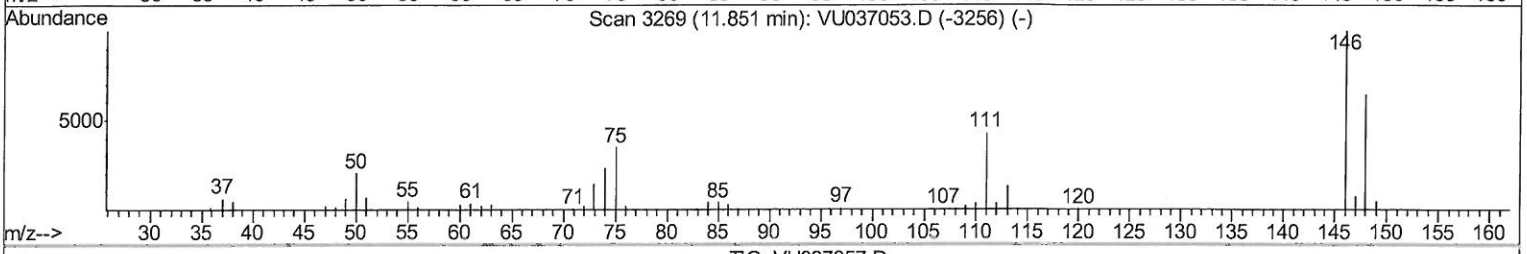
Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
3/5/2020 3:34:34 PM







TIC: VU037057.D

(63) 1,4-Dichlorobenzene (T)

11.764min (-0.087) 889.10ug/L

response 3798957

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	44.93
148.00	64.50	63.12
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

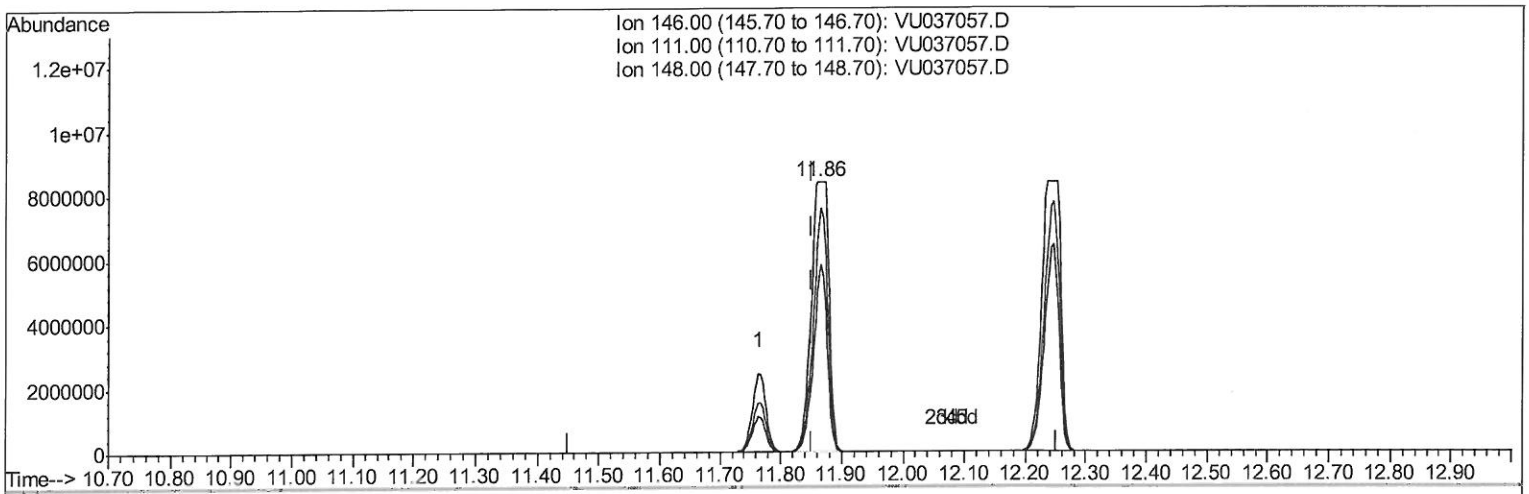
Quantitation Report (Qedit)

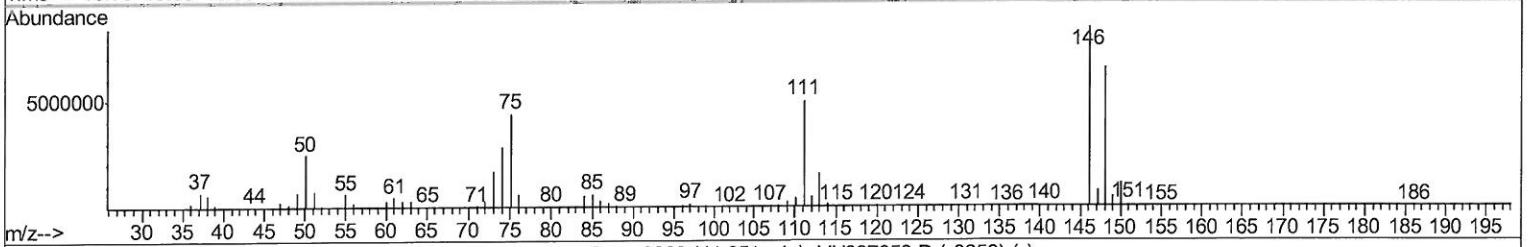
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

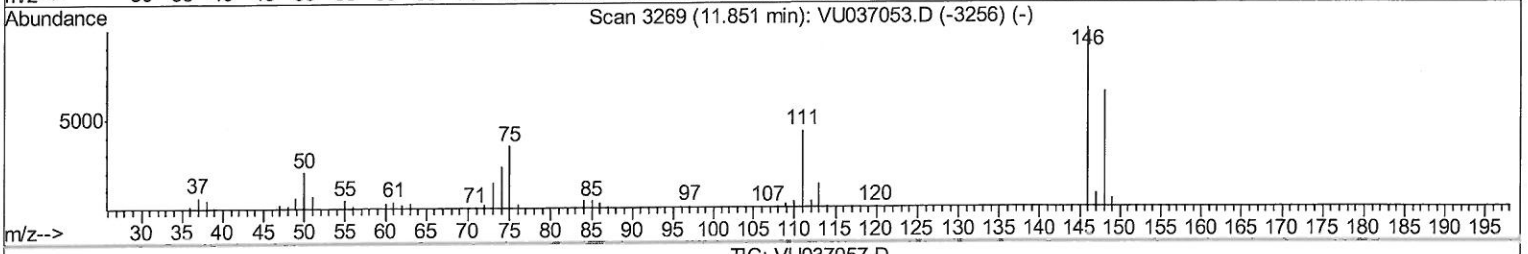
Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
3/5/2020 3:34:34 PM







TIC: VU037057.D

(63) 1,4-Dichlorobenzene (T)

11.861min (+0.010) 4012.70ug/L m

response 17145437

7 MD 3/5/20

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	58.98#
148.00	64.50	77.18
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

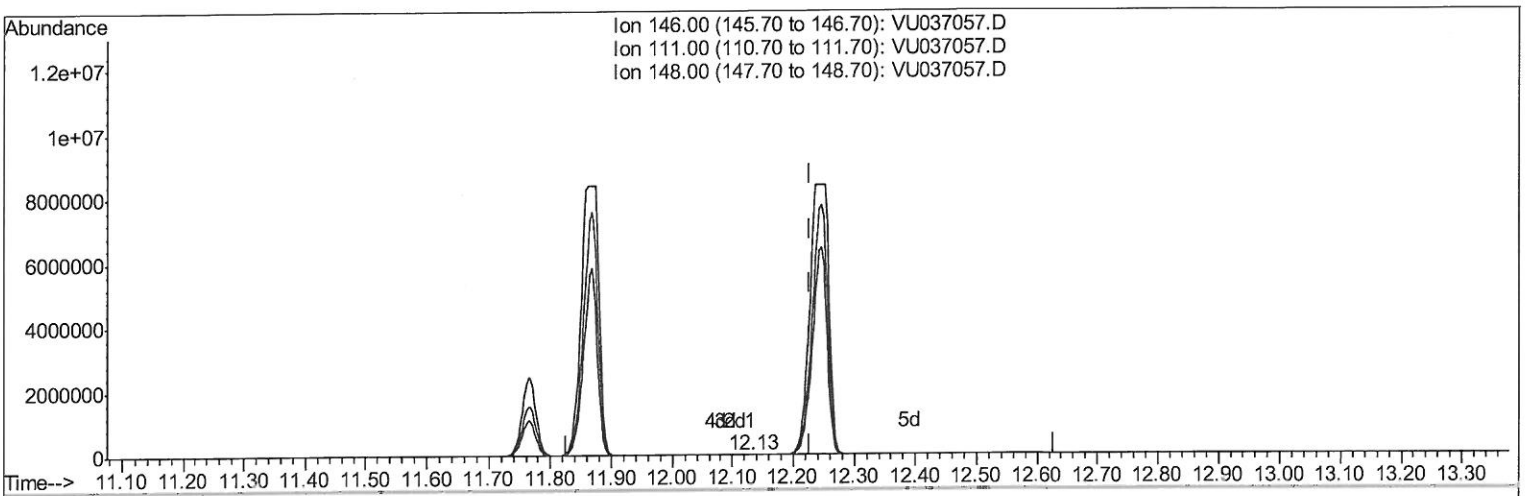
Quantitation Report (Qedit)

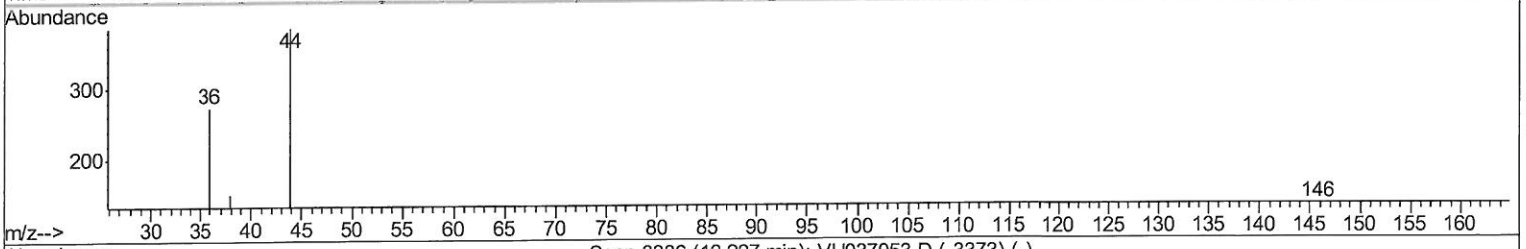
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

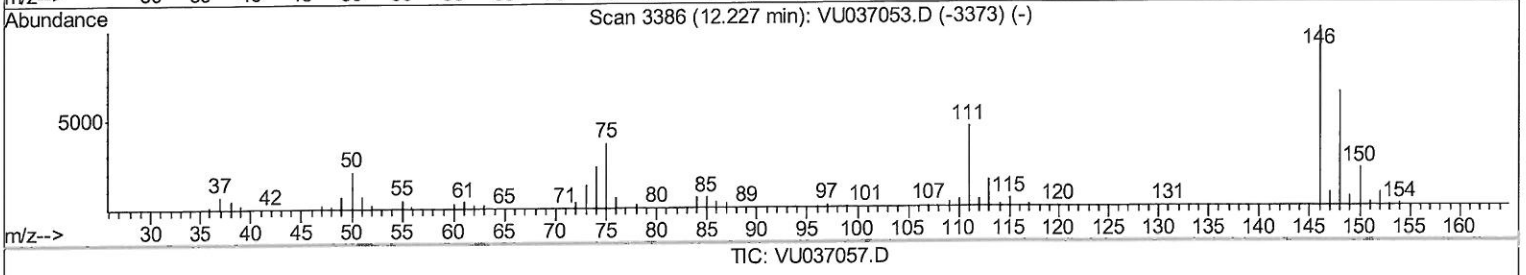
Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
3/5/2020 3:34:34 PM







TIC: VU037057.D

(65) 1,2-Dichlorobenzene (T)

12.131min (-0.096) 0.01ug/L

response 23

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	0.00#
148.00	63.10	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

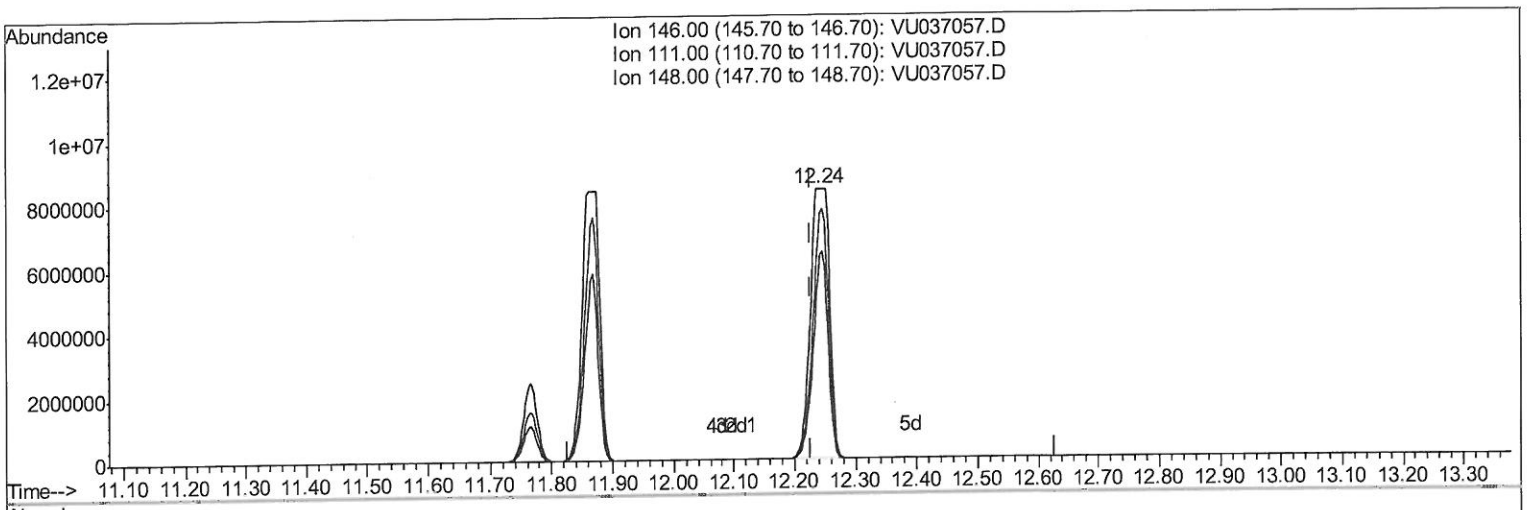
Quantitation Report (Qedit)

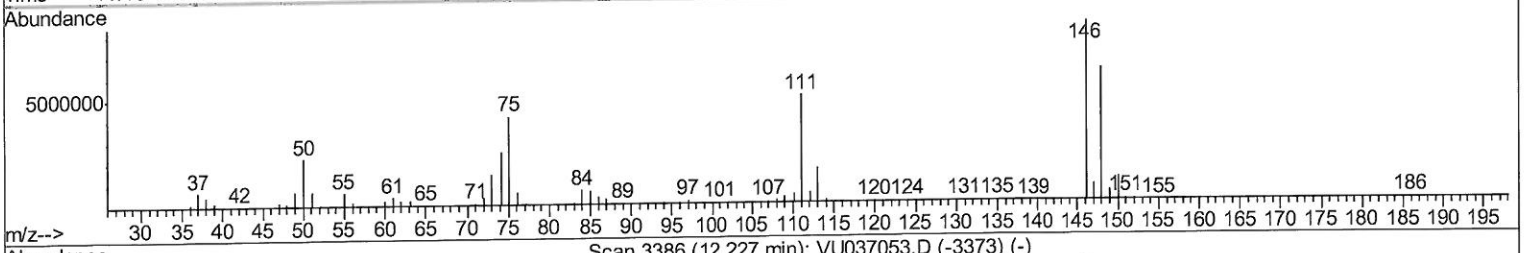
Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

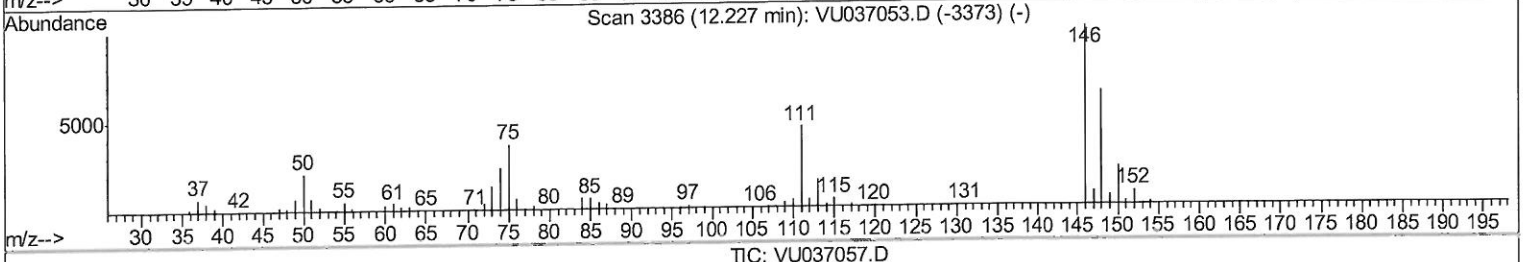
Quant Time: Mar 05 02:57:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Manual Integrations APPROVED
sam
3/5/2020 3:34:34 PM







TIC: VU037057.D

(65) 1,2-Dichlorobenzene (T)

12.237min (+0.010) 4280.57ug/L m

response 18484104

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	60.00#
148.00	63.10	73.73
0.00	0.00	0.00

MD 3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (QT Reviewed)

Data File : VU037057.D
Acq On : 04 Mar 2020 23:17
Operator : JC/MD
Sample : L1780-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 05 03:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0DF7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252609	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133316	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87907	41.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.88%			
7) Chloroethane-d5	1.92	69	85509	48.72	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.44%			
11) 1,1-Dichloroethene-d2	2.59	63	125963	35.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.92%			
21) 2-Butanone-d5	4.67	46	143337	100.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.73%			
24) Chloroform-d	5.10	84	165519	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.74	65	113162	51.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.24%			
32) Benzene-d6	5.76	84	354105	45.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.30%			
36) 1,2-Dichloropropane-d6	6.72	67	113583	45.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.40%			
41) Toluene-d8	7.92	98	313487	43.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.12%			
43) trans-1,3-Dichloropropene-	8.20	79	46921	40.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.36%			
47) 2-Hexanone-d5	8.66	63	105500	85.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.86%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162470	45.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.72%			
64) 1,2-Dichlorobenzene-d4	12.22	152	126189	48.42	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.84%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	3354	1.361	ug/L	91
12) 1,1-Dichloroethene	2.60	96	12292	7.534	ug/L #	1
13) Acetone	2.66	43	5009	3.422	ug/L	99
25) Chloroform	5.13	83	68539	20.857	ug/L	96
29) Cyclohexane	5.43	56	3379	0.949	ug/L	95
33) Benzene	5.81	78	19905104m	2348.948	ug/L	
34) Trichloroethene	6.57	95	6530	3.135	ug/L	98
46) Tetrachloroethene	8.57	164	2110	1.538	ug/L	92
51) Chlorobenzene	9.47	112	22265080m	4162.200	ug/L	
62) 1,3-Dichlorobenzene	11.76	146	3798957	878.420	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	17145437m	4012.696	ug/L	
65) 1,2-Dichlorobenzene	12.24	146	18484104m	4280.574	ug/L	
68) 1,2,4-trichlorobenzene	13.87	180	894370	434.863	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	341603	166.211	ug/L	98

MD 3/5/20

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