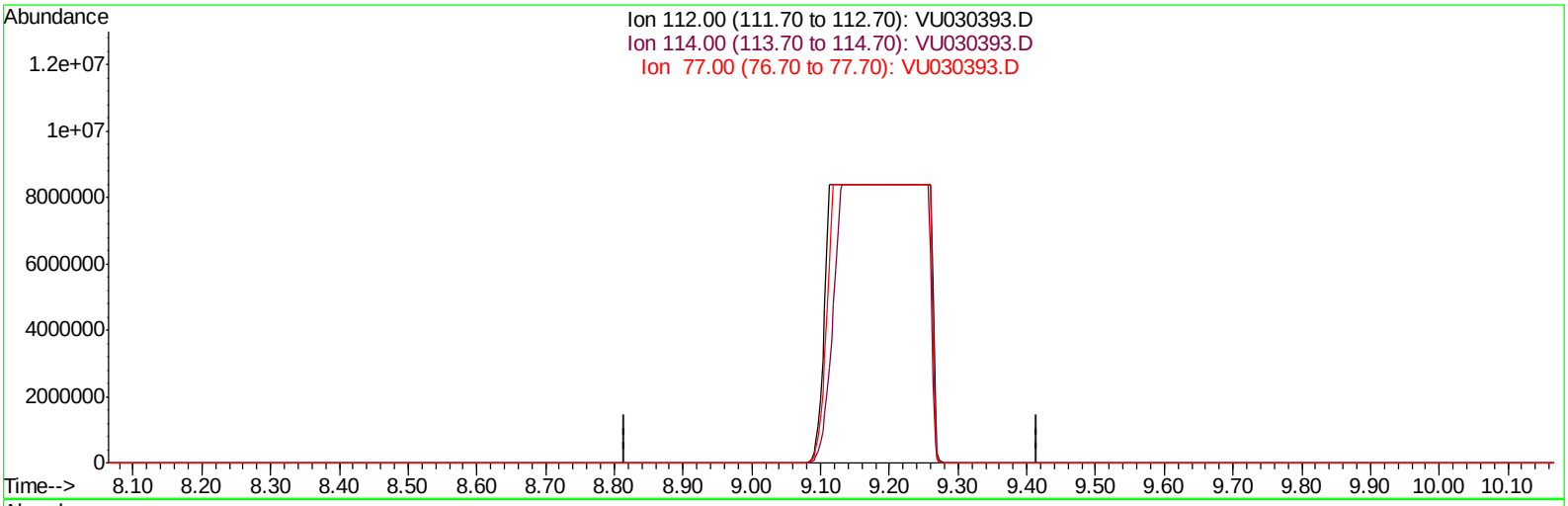
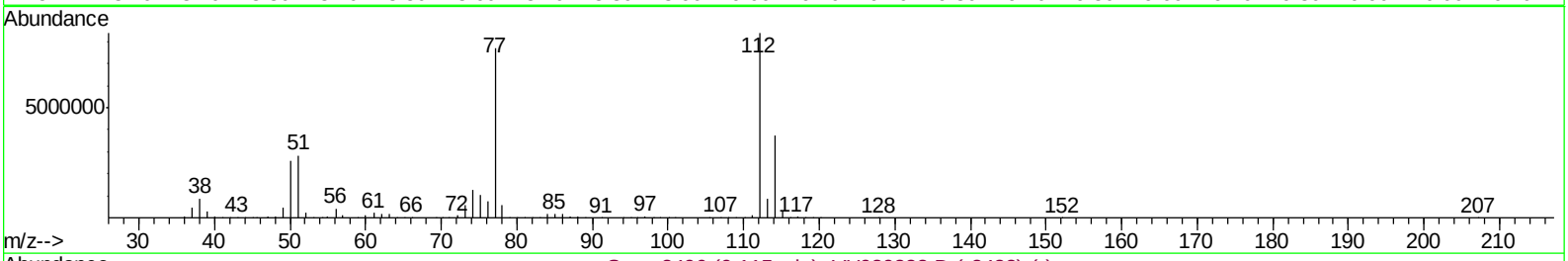
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

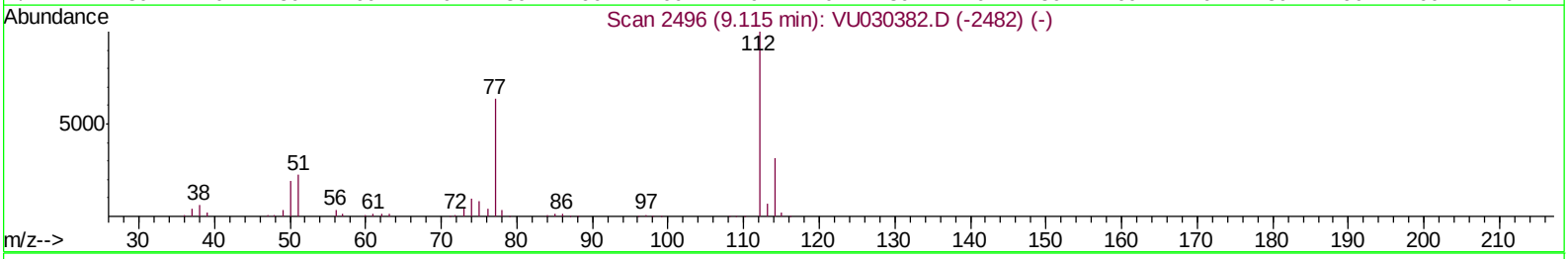
Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(51) Chlorobenzene (T)

9.115min (-9.115) 0.00ug/L

response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	30.70	0.00#
77.00	64.20	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
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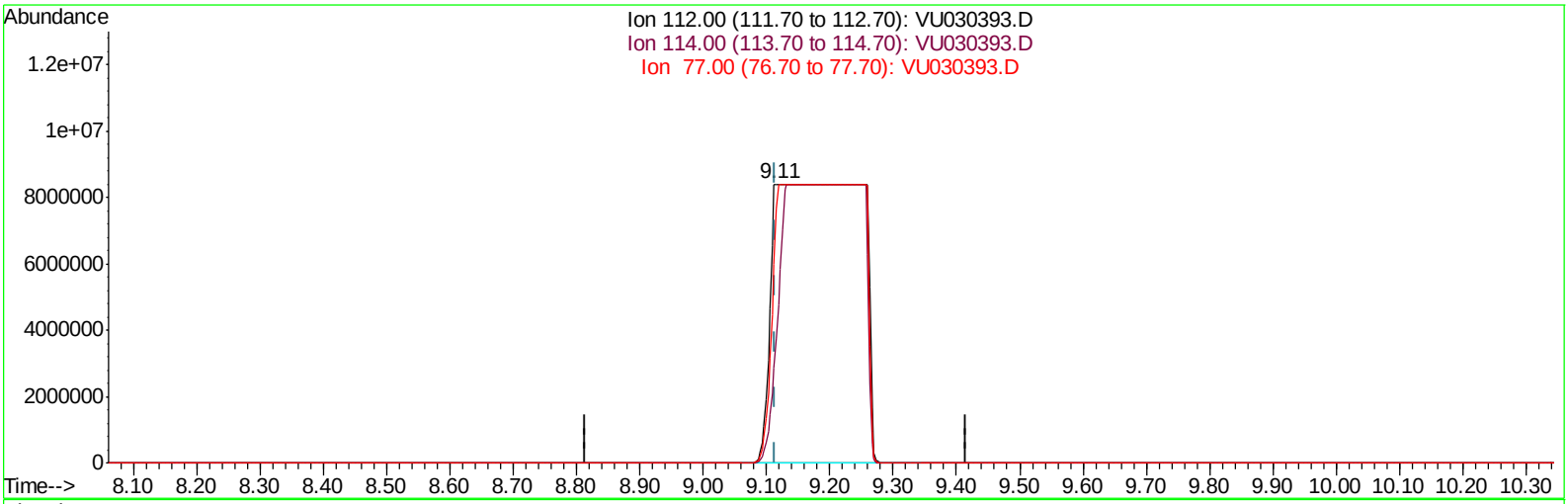
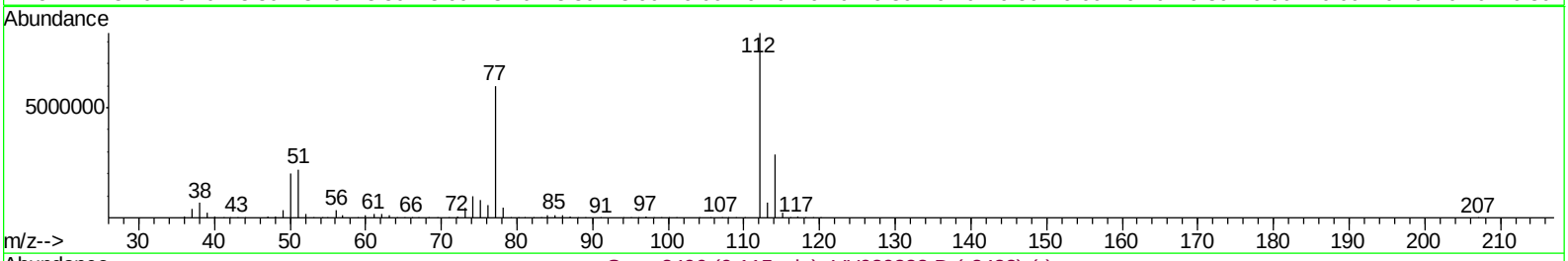
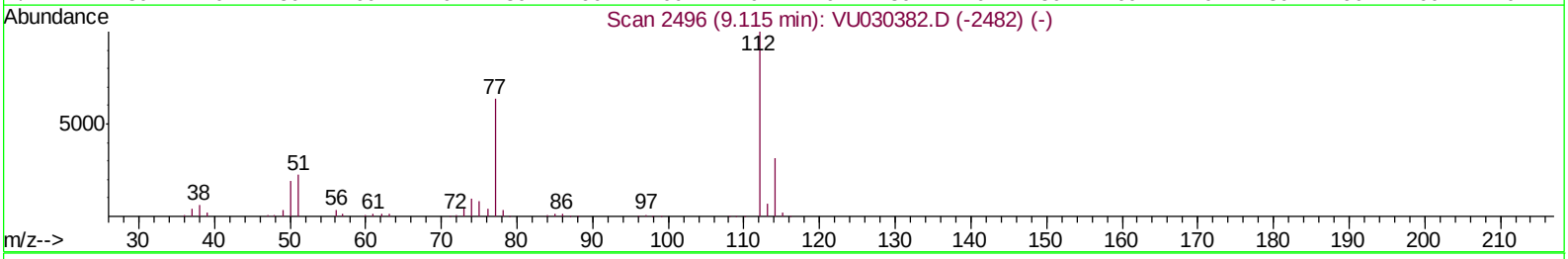
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(51) Chlorobenzene (T)

9.112min (-0.003) 8141.81ug/L m

response 81066253

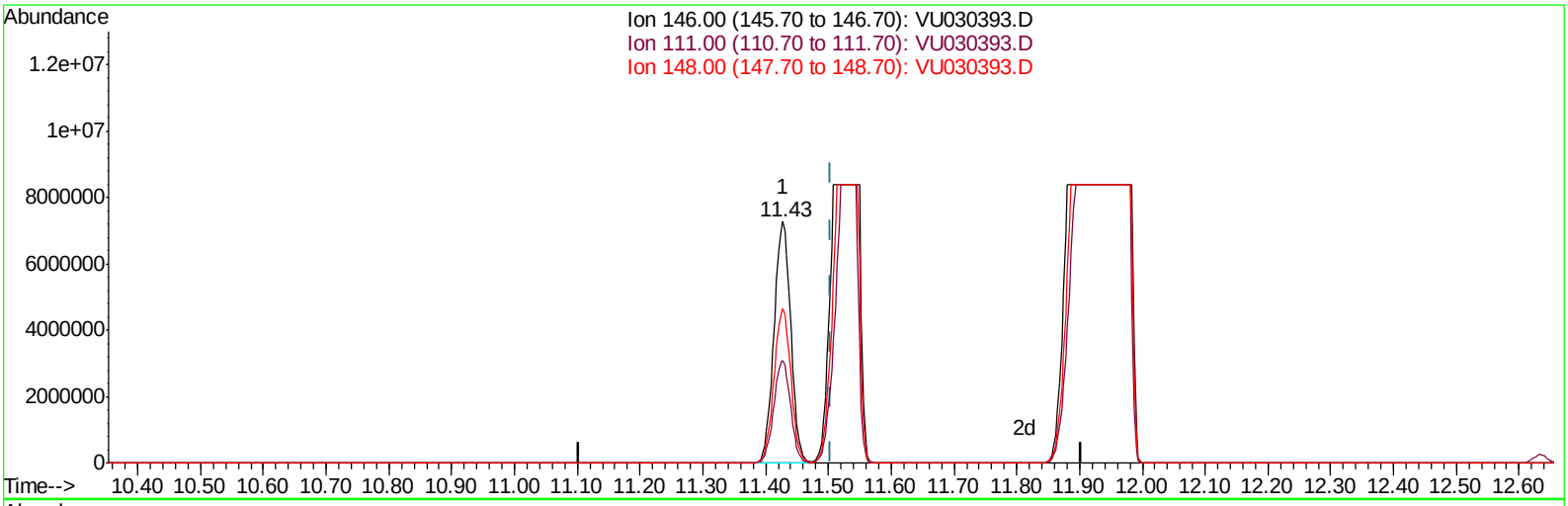
Ion	Exp%	Act%
112.00	100	100
114.00	30.70	34.16
77.00	64.20	71.49
0.00	0.00	0.00

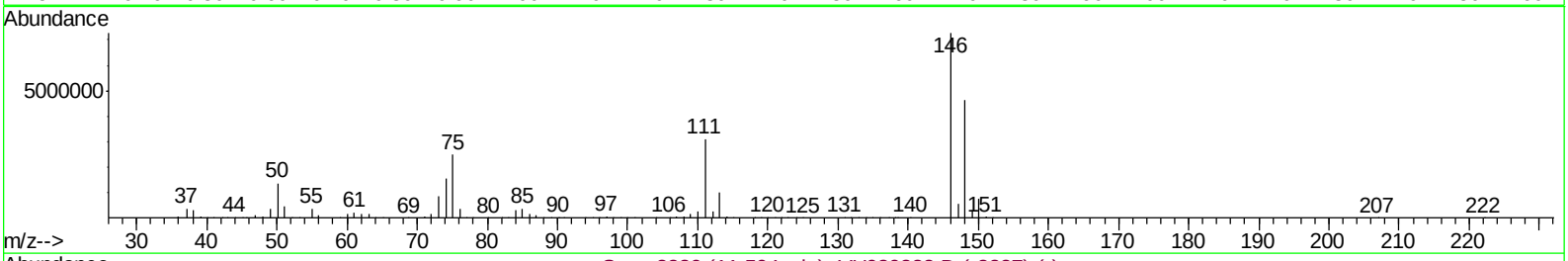
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

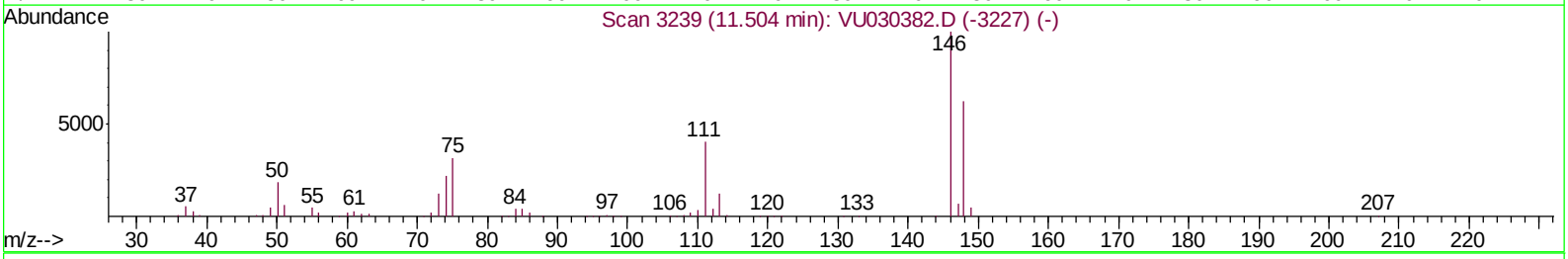
Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(63) 1,4-Dichlorobenzene (T)

11.427min (-0.077) 1638.97ug/L

response 13420920

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	42.69
148.00	63.30	63.93
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

Data File : VU030393.D
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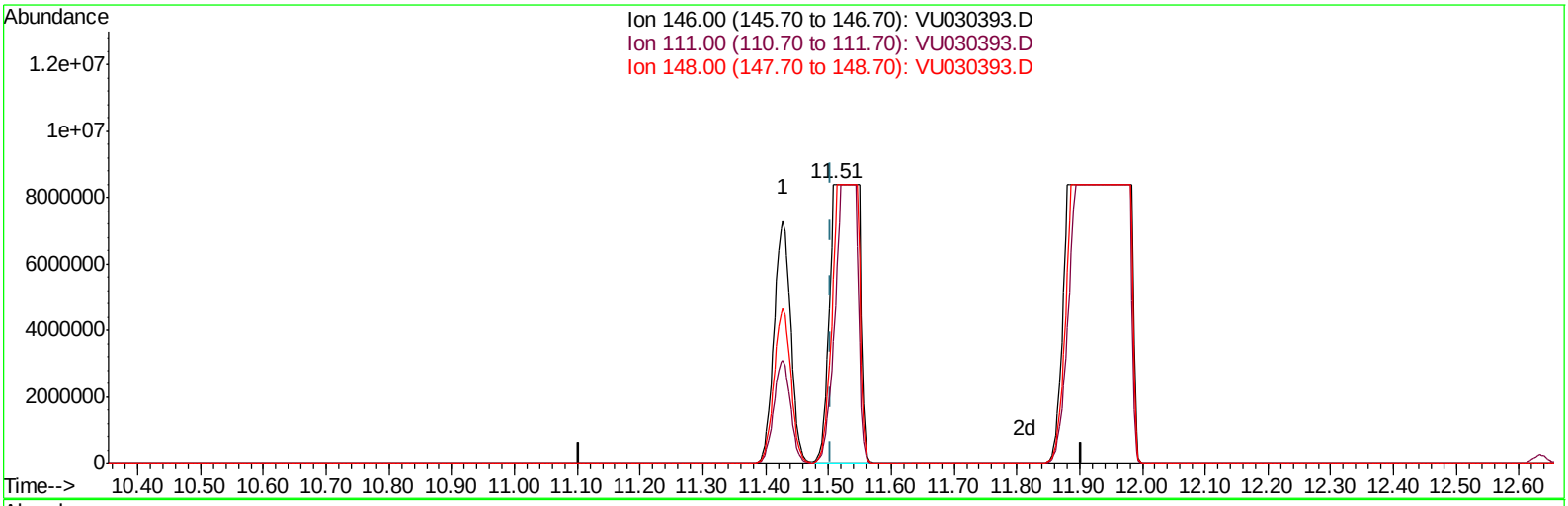
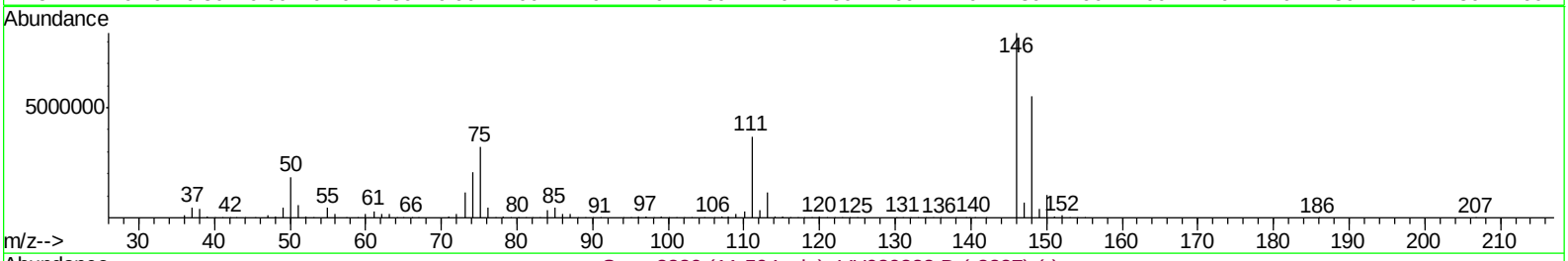
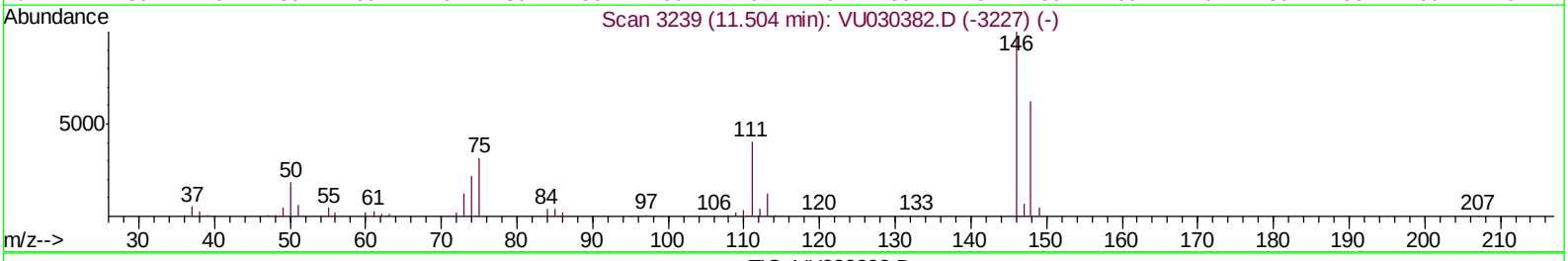
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 3372.47ug/L m

response 27615990

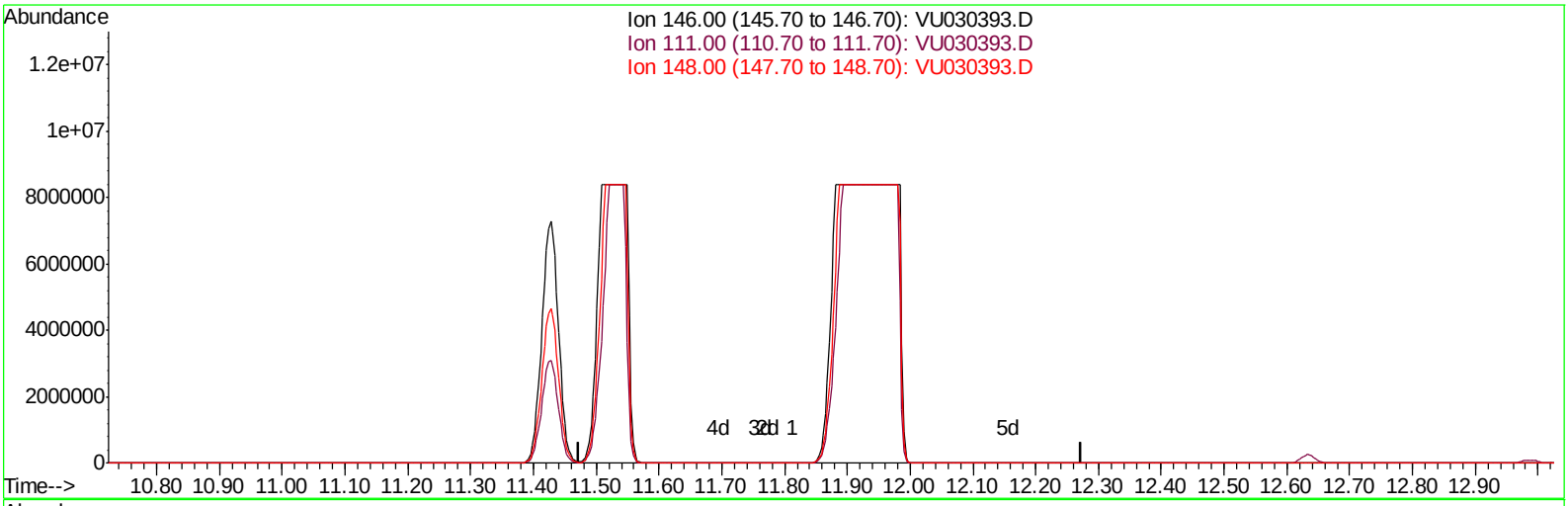
Ion	Exp%	Act%
146.00	100	100
111.00	41.00	43.84
148.00	63.30	65.73
0.00	0.00	0.00

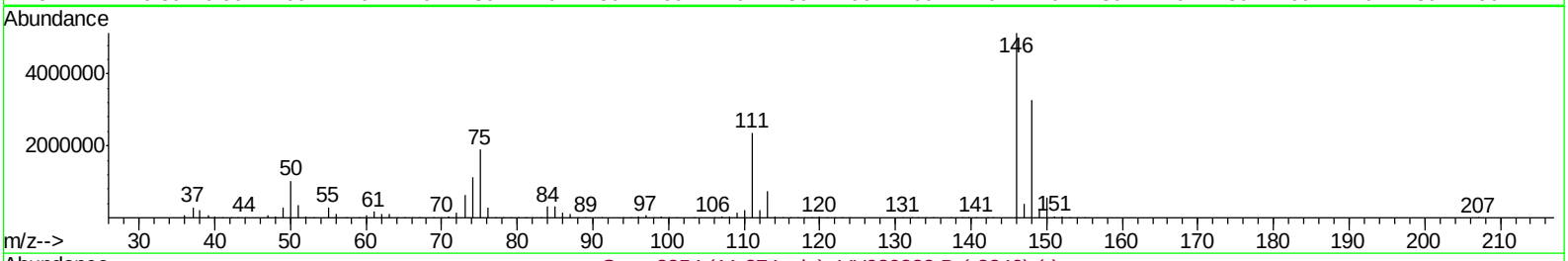
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

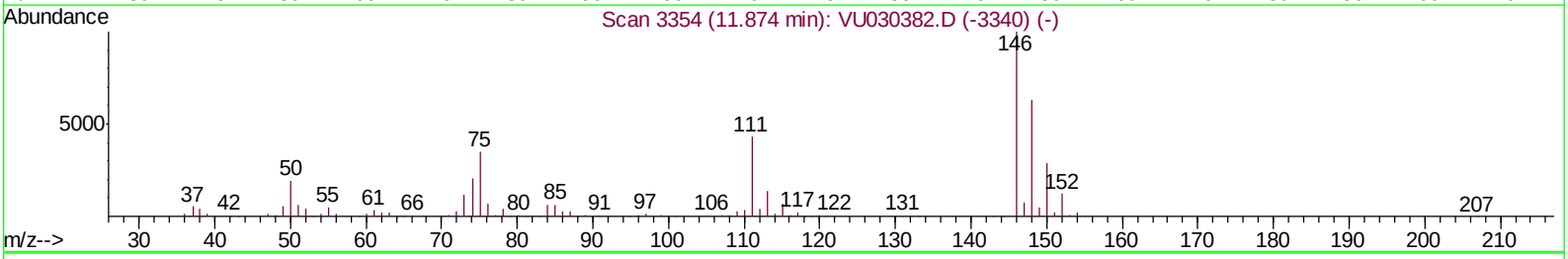
Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(65) 1,2-Dichlorobenzene (T)

11.874min (-11.874) 0.00ug/L d

response 0

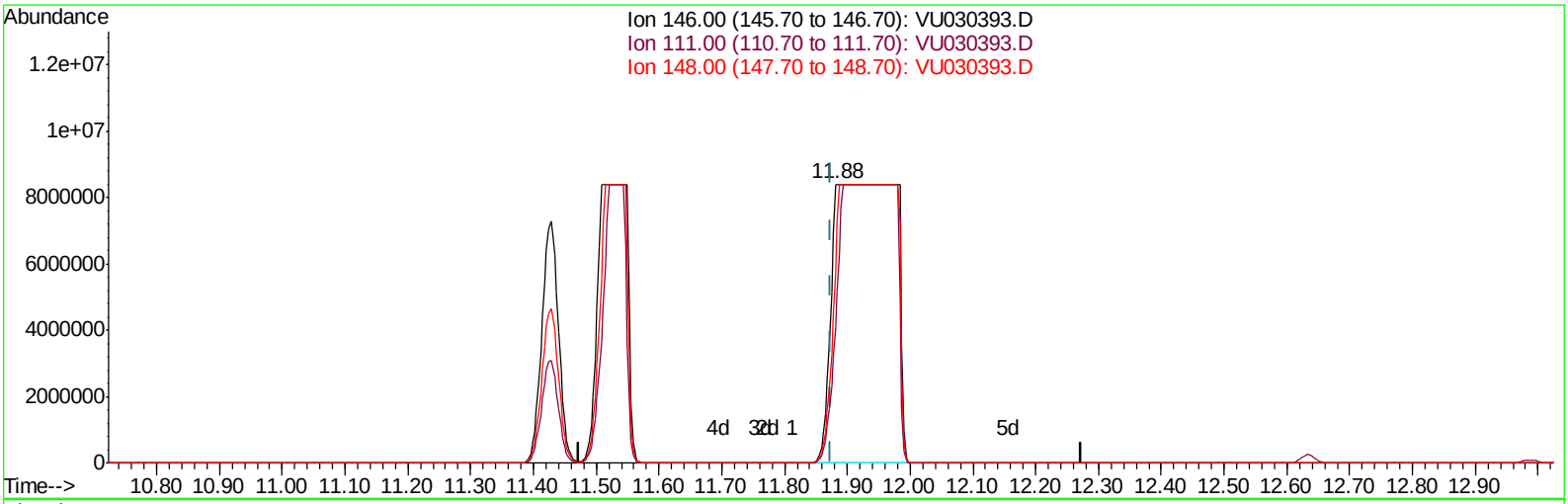
Ion	Exp%	Act%
146.00	100	0.00
111.00	43.60	0.00
148.00	64.00	0.00
0.00	0.00	0.00

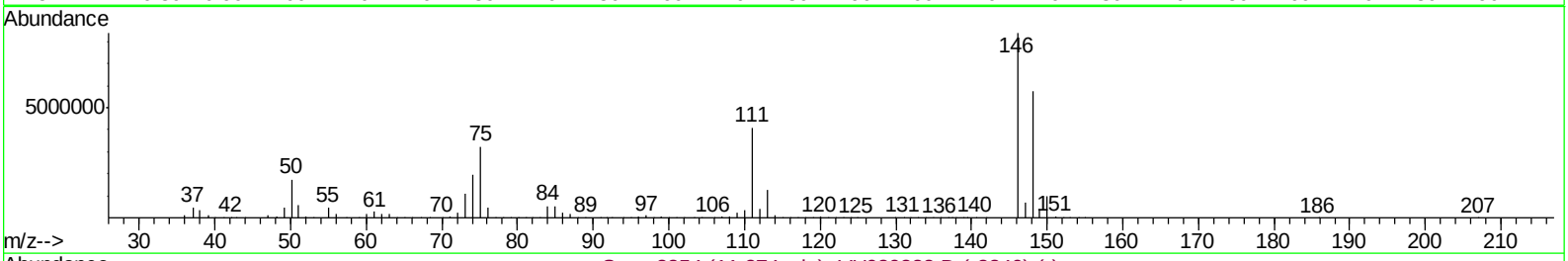
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

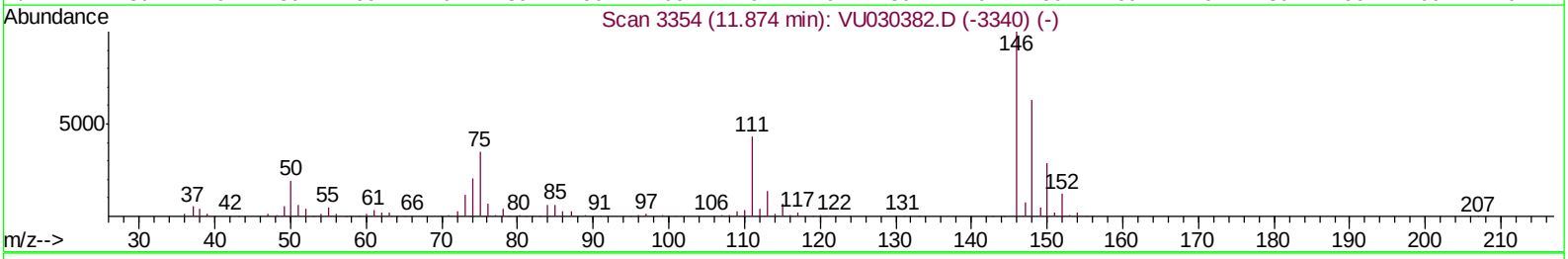
Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

(65) 1,2-Dichlorobenzene (T)

11.881min (+0.007) 7263.84ug/L m

response 58422847

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	48.64
148.00	64.00	68.71
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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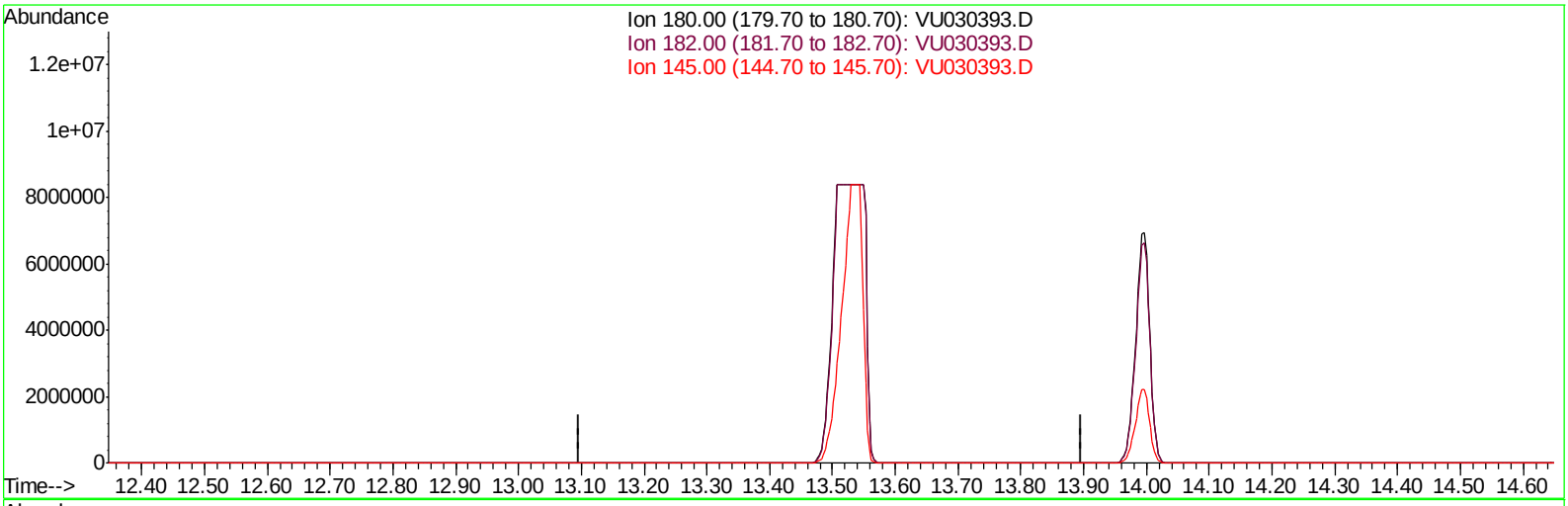
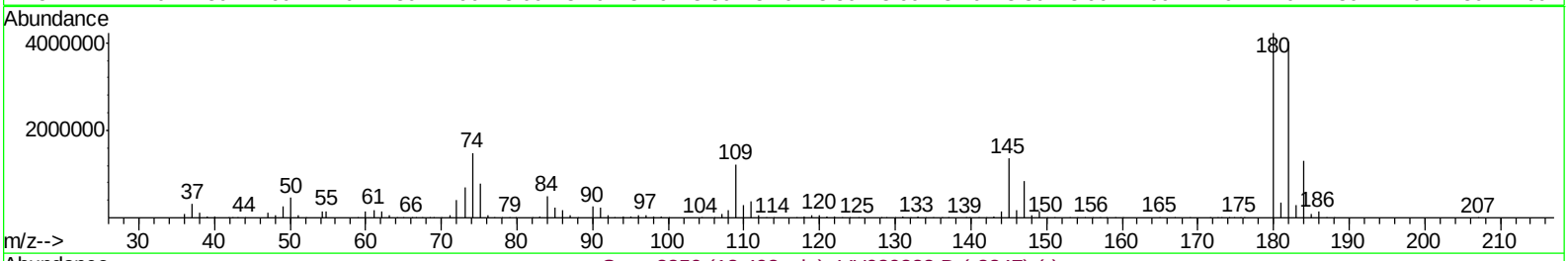
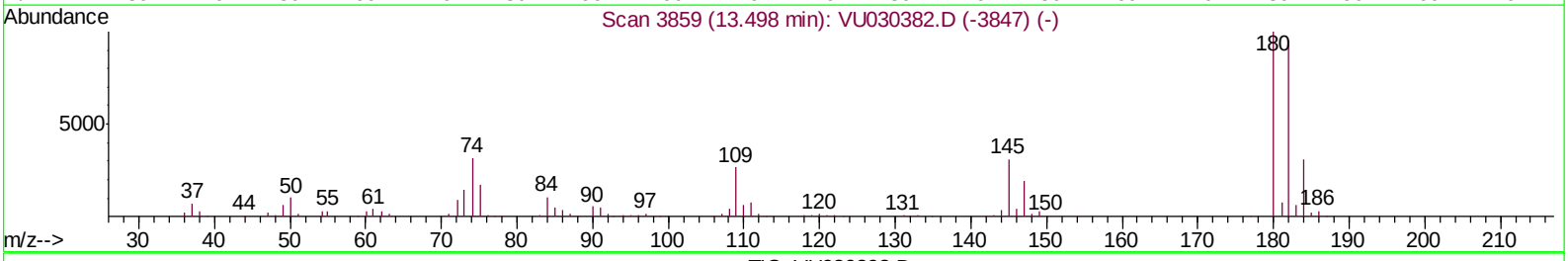






TIC: VU030393.D

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

13.498min (-13.498) 0.00ug/L

response 0

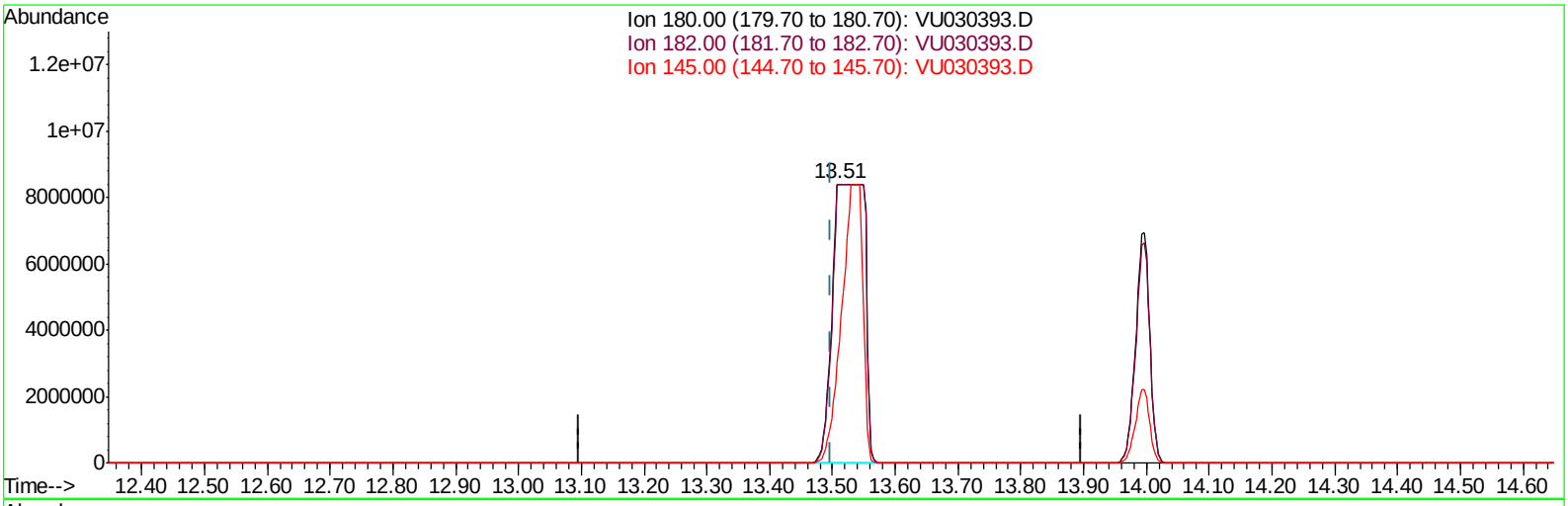
Ion	Exp%	Act%
180.00	100	0.00
182.00	95.10	0.00#
145.00	30.60	0.00#
0.00	0.00	0.00

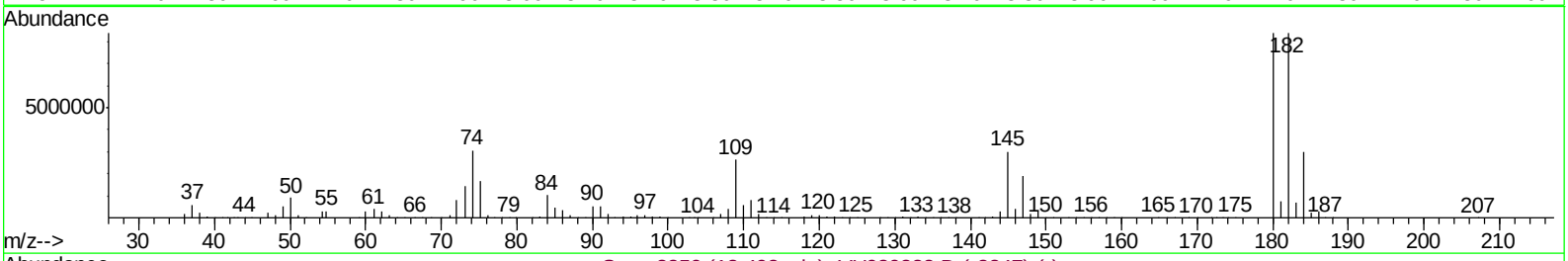
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

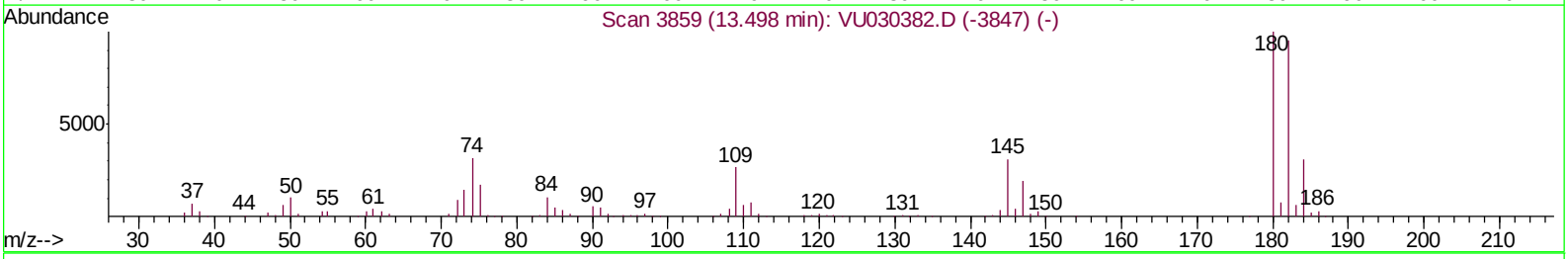
Quantitation Report (Qedit)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 05:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration







TIC: VU030393.D

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

13.508min (+0.010) 5799.39ug/L m

response 30005521

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	0.00#
145.00	30.60	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030393.D
Acq On : 25 Mar 2019 02:50
Operator : JC/SP
Sample : K2070-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 25 07:02:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	424550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.17	117	465021	50.00	ug/L	0.08
60) 1,4-Dichlorobenzene-d4	11.50	152	243228	50.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	125200	36.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.28%			
7) Chloroethane-d5	1.68	69	110245	40.71	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.42%			
11) 1,1-Dichloroethene-d2	2.27	63	195405	30.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.30%			
21) 2-Butanone-d5	4.17	46	290667	90.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.50%			
24) Chloroform-d	4.64	84	260542	44.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.52%			
26) 1,2-Dichloroethane-d4	5.31	65	177977	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
32) Benzene-d6	5.34	84	525616	39.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.82%			
36) 1,2-Dichloropropane-d6	6.33	67	188607	41.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.68%			
41) Toluene-d8	7.57	98	476506	39.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.58%#			
43) trans-1,3-Dichloropropene-	7.85	79	83543	38.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.88%			
47) 2-Hexanone-d5	8.32	63	213197	86.23	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.23%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293521	44.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.92%			
64) 1,2-Dichlorobenzene-d4	11.93	152	294678	60.47	ug/L	0.07
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.94%#			
Target Compounds						Qvalue
13) Acetone	2.32	43	13051	4.018	ug/L	99
29) Cyclohexane	4.99	56	28819	4.095	ug/L	97
31) Carbon tetrachloride	5.13	117	48408	10.030	ug/L	96
33) Benzene	5.39	78	6958233	439.566	ug/L	100
35) Methylcyclohexane	6.41	83	19045	2.974	ug/L #	82
42) Toluene	7.64	91	38247	2.328	ug/L	99
46) Tetrachloroethene	8.23	164	3674	1.352	ug/L	86
51) Chlorobenzene	9.11	112	81066253m	8141.814	ug/L	
53) m,p-Xylene	9.40	106	3209	0.499	ug/L	73
62) 1,3-Dichlorobenzene	11.43	146	13420920	1687.272	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	27615990m	3372.469	ug/L	
65) 1,2-Dichlorobenzene	11.88	146	58422847m	7263.842	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	18503	3.107	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	30005521m	5799.391	ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	10816665	1979.837	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

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