

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (QT Reviewed)

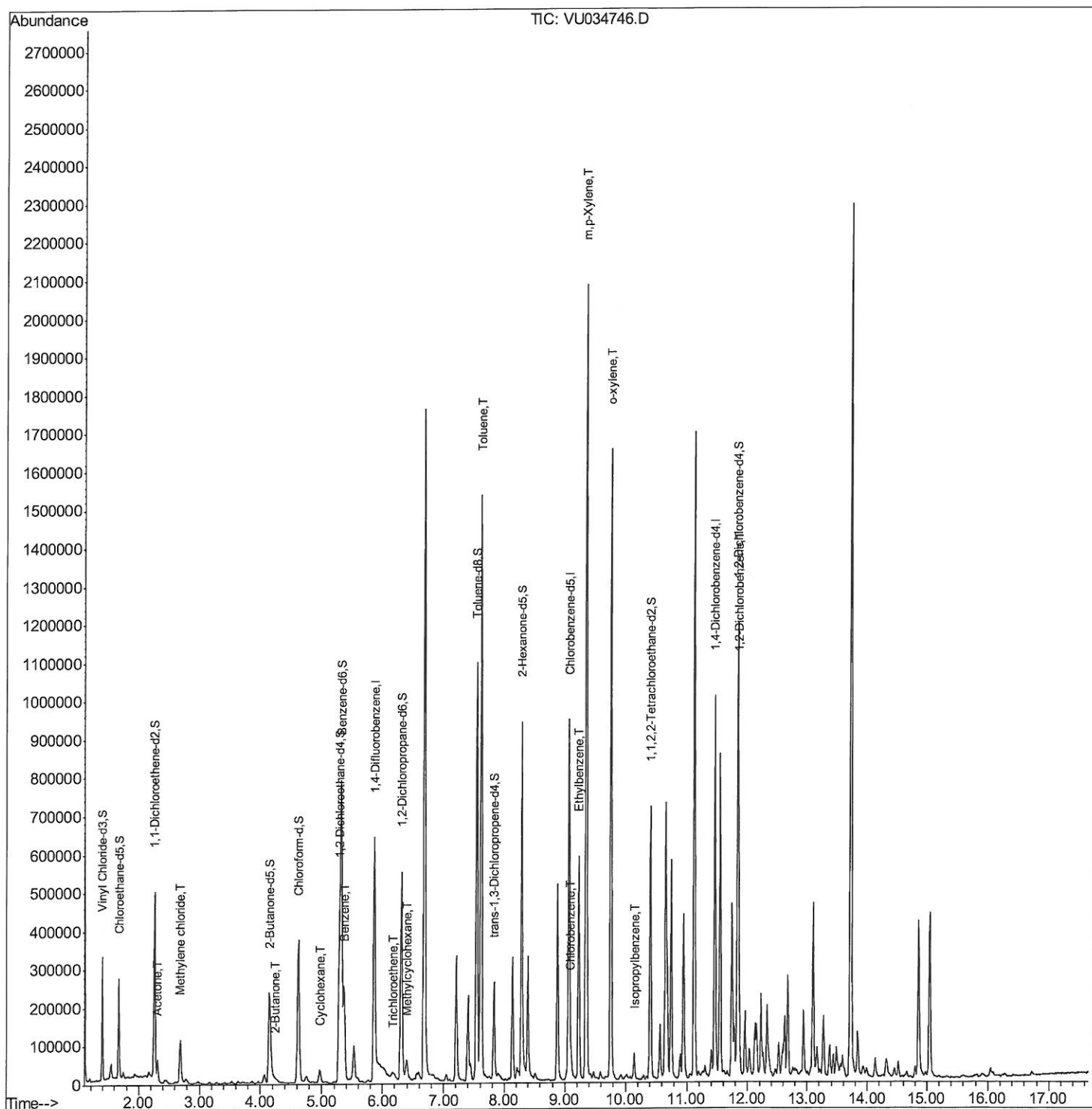
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 04:36:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

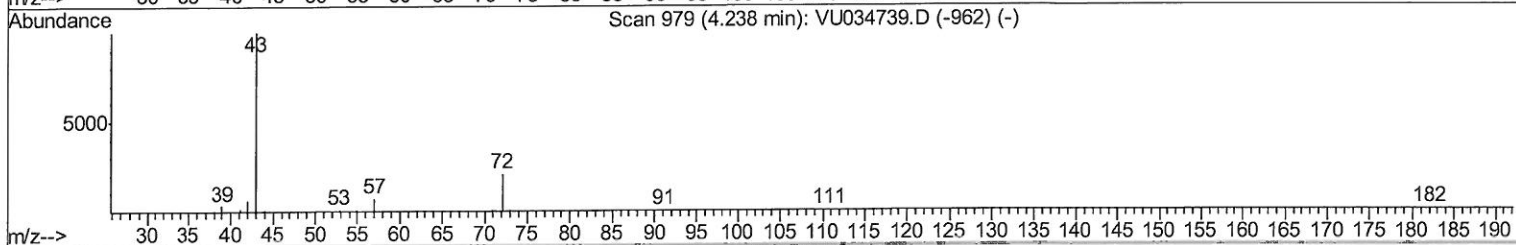
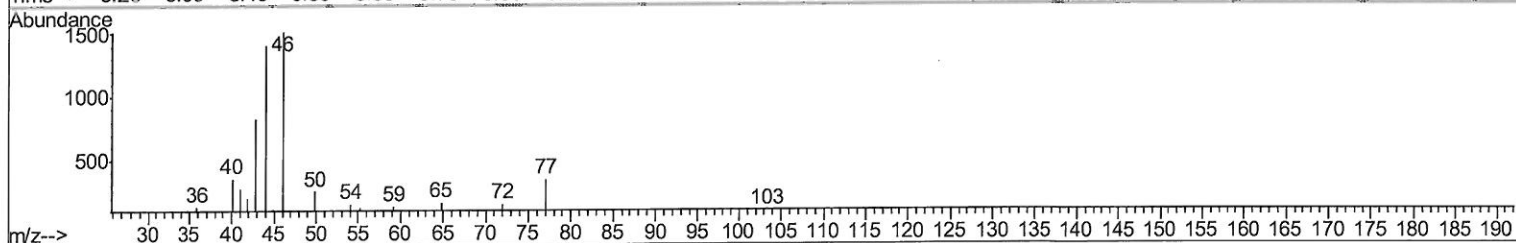
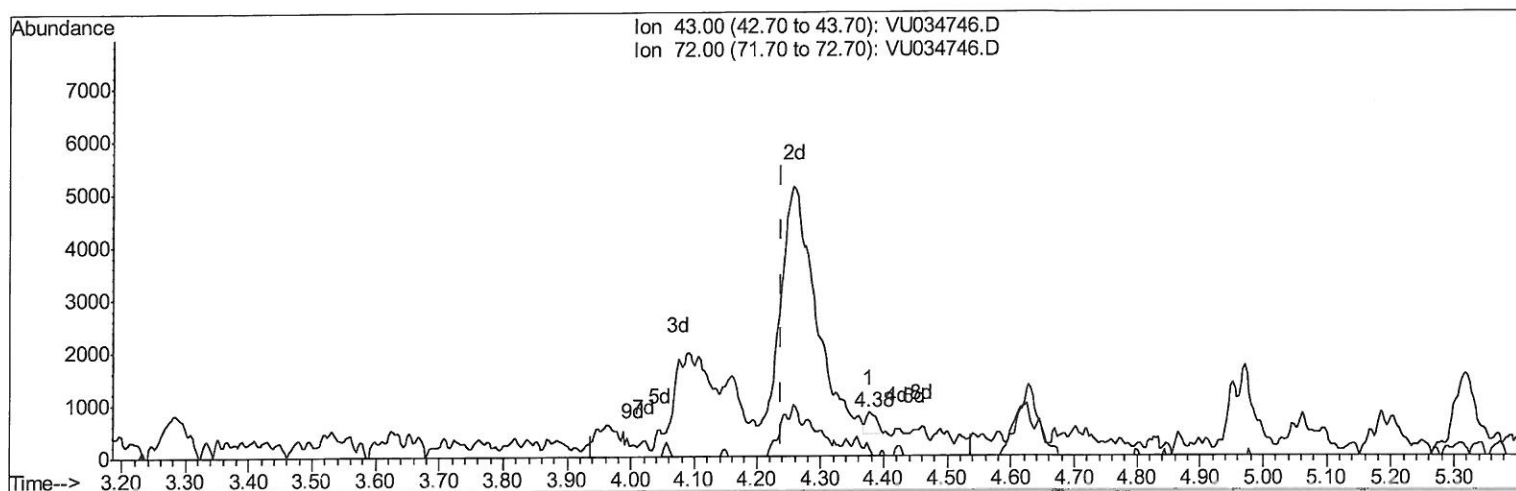
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 03:40:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



TIC: VU034746.D

(22) 2-Butanone (T)

4.376min (+0.138) 0.09ug/L

response 460

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	21.30
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

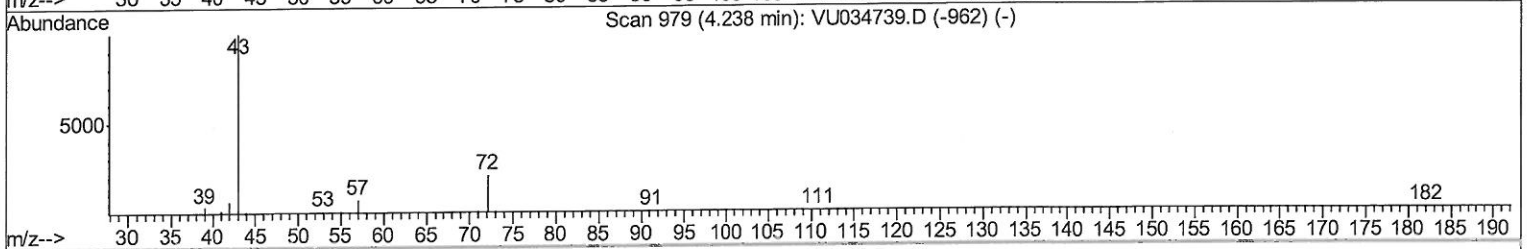
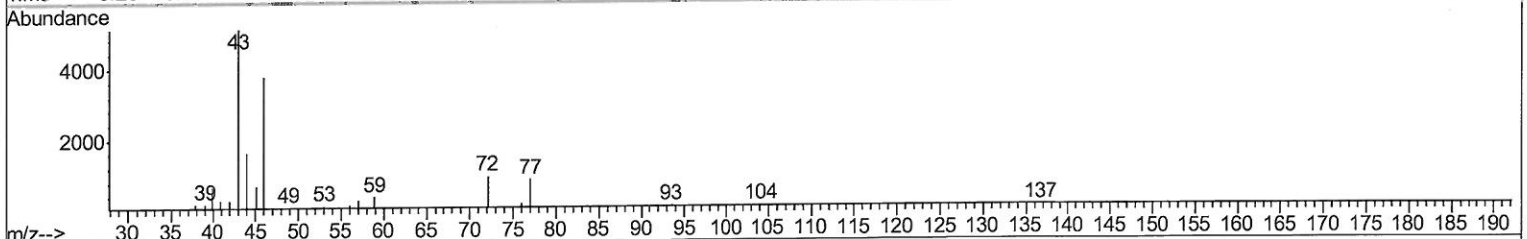
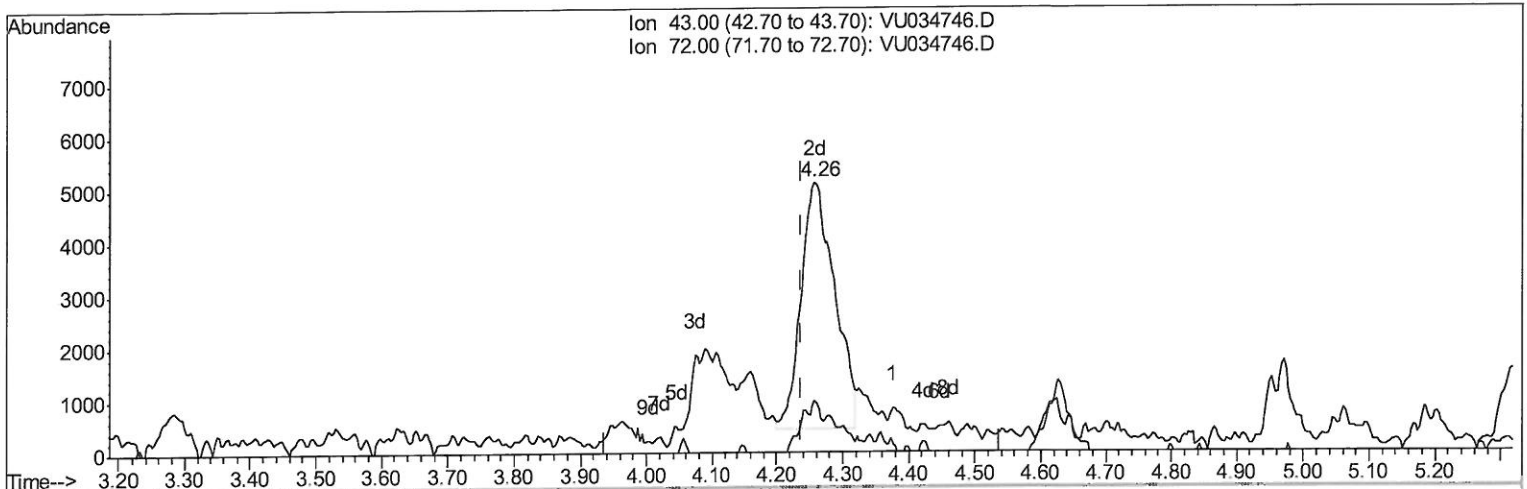
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 03:40:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



TIC: VU034746.D

(22) 2-Butanone (T)

4.257min (+0.019) 3.23ug/L m

response 16502

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	0.59#
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten signature: JMD
Handwritten date: 10/04/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

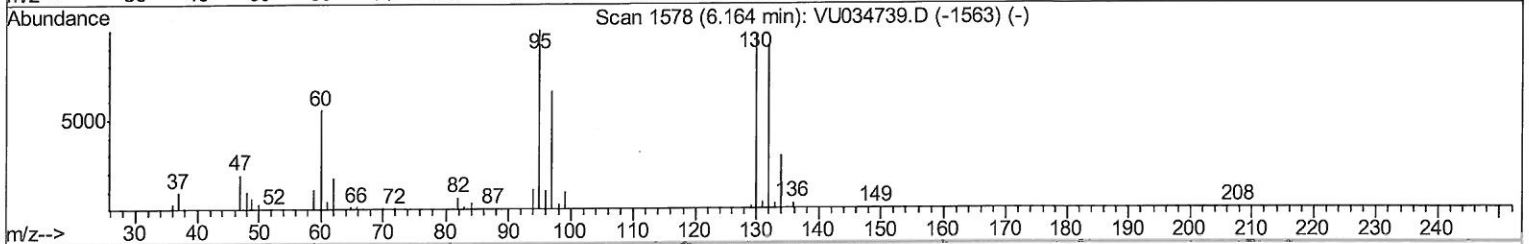
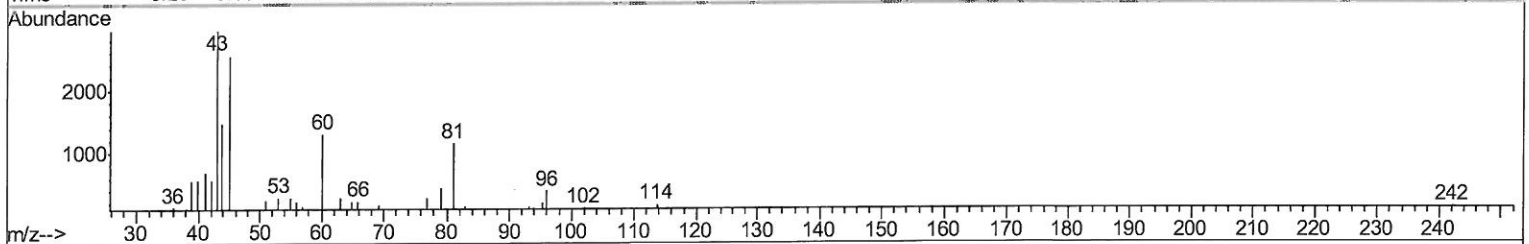
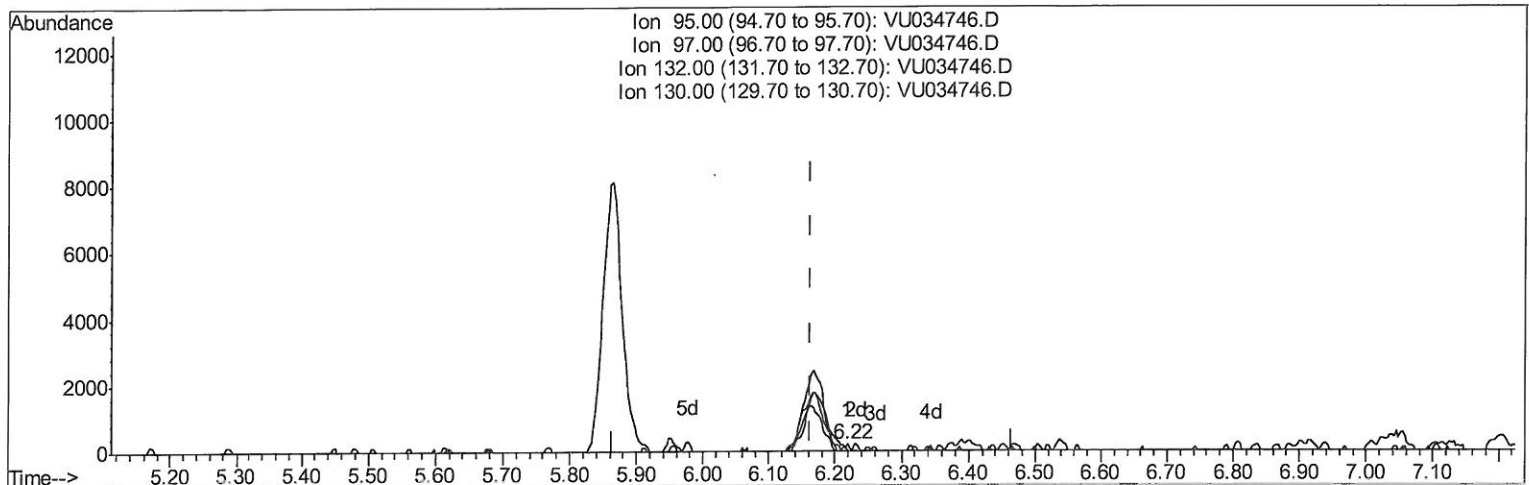
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 03:40:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



TIC: VU034746.D

(34) Trichloroethene (T)
6.219min (+0.055) 0.02ug/L
response 64

Ion	Exp%	Act%
95.00	100	100
97.00	62.40	0.00#
132.00	87.10	0.00#
130.00	93.80	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

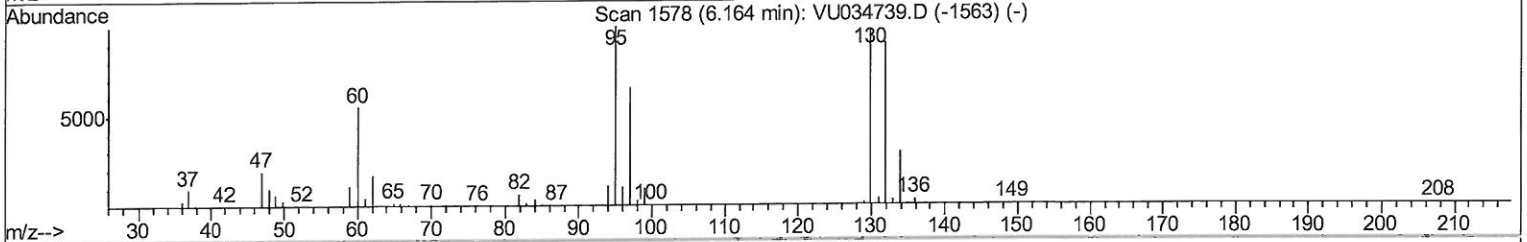
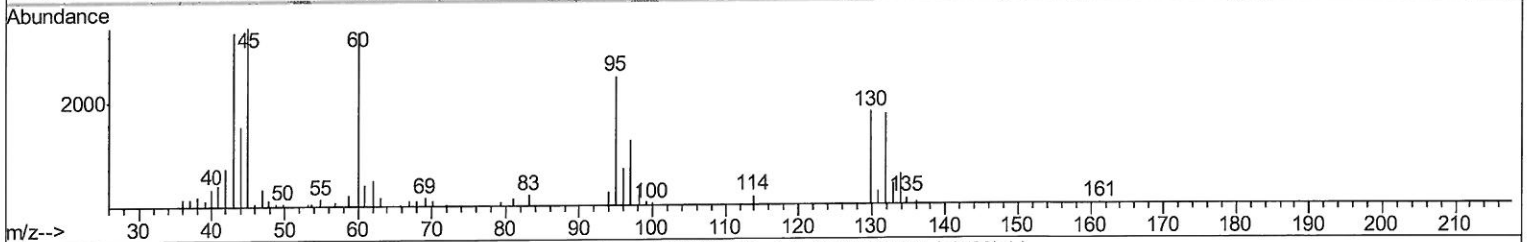
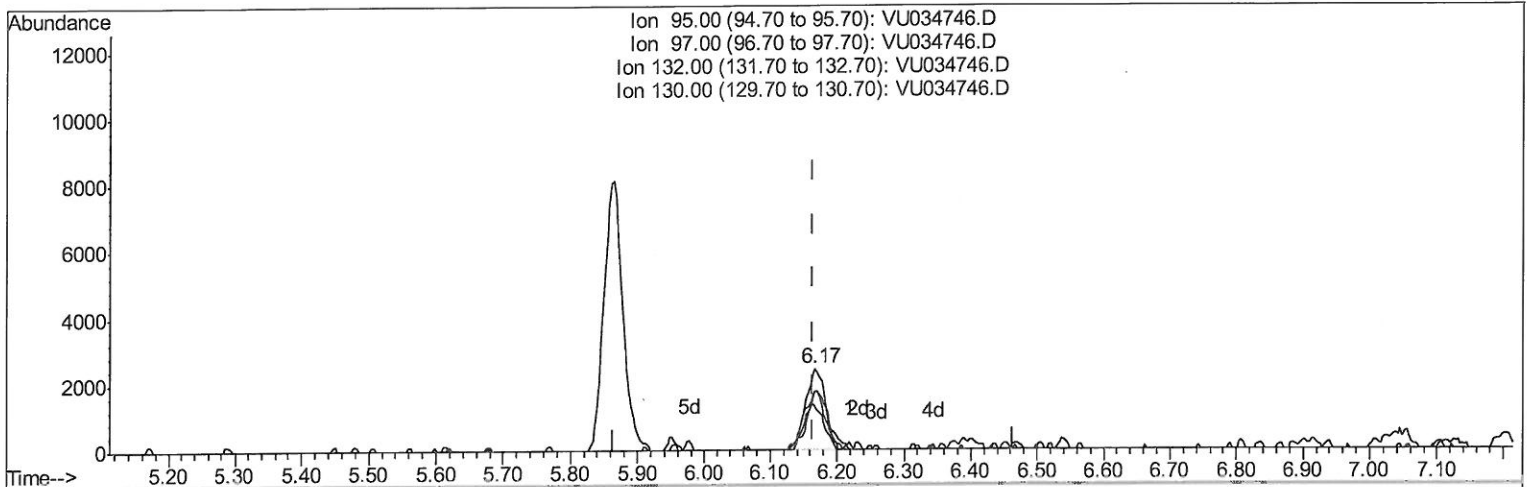
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 03:40:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



TIC: VU034746.D

(34) Trichloroethene (T)

6.167min (+0.003) 1.38ug/L m

response 5386

Ion	Exp%	Act%
95.00	100	100
97.00	62.40	52.63
132.00	87.10	71.60
130.00	93.80	73.03

7m0
10/04/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (QT Reviewed)

Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG4

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:09 PM

Quant Time: Sep 24 04:36:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	470269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	454764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	221308	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.39	65	199690	41.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.96%		
7) Chloroethane-d5	1.67	69	167270	44.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.90%		
11) 1,1-Dichloroethene-d2	2.26	63	284418	34.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.78%		
21) 2-Butanone-d5	4.15	46	417767	113.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.22%		
24) Chloroform-d	4.62	84	348187	49.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.50%		
26) 1,2-Dichloroethane-d4	5.29	65	255603	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.36%		
32) Benzene-d6	5.32	84	699423	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.24%		
36) 1,2-Dichloropropane-d6	6.31	67	253649	51.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.96%		
41) Toluene-d8	7.54	98	676763	50.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.94%		
43) trans-1,3-Dichloropropene-	7.83	79	113153	47.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.90%		
47) 2-Hexanone-d5	8.29	63	275213	111.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.22%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	336103	49.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.34%		
64) 1,2-Dichlorobenzene-d4	11.84	152	247114	53.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.50%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.31	43	63605	14.819	ug/L	96
16) Methylene chloride	2.68	84	40681	10.438	ug/L	97
22) 2-Butanone	4.26	43	16502m	3.232	ug/L	100
29) Cyclohexane	4.97	56	16798	2.238	ug/L	100
33) Benzene	5.37	78	225923	14.324	ug/L	97
34) Trichloroethene	6.17	95	5386m	1.383	ug/L	97
35) Methylcyclohexane	6.39	83	14570	2.204	ug/L	97
42) Toluene	7.61	91	1036562	60.811	ug/L	97
51) Chlorobenzene	9.10	112	19867	1.917	ug/L	96
52) Ethylbenzene	9.23	91	392791	20.463	ug/L	99
53) m,p-Xylene	9.35	106	525221	77.253	ug/L	94
54) o-xylene	9.76	106	393087	58.456	ug/L	99
56) Isopropylbenzene	10.14	105	39701	2.190	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	34414	4.444	ug/L	95

MD
10/04/19

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