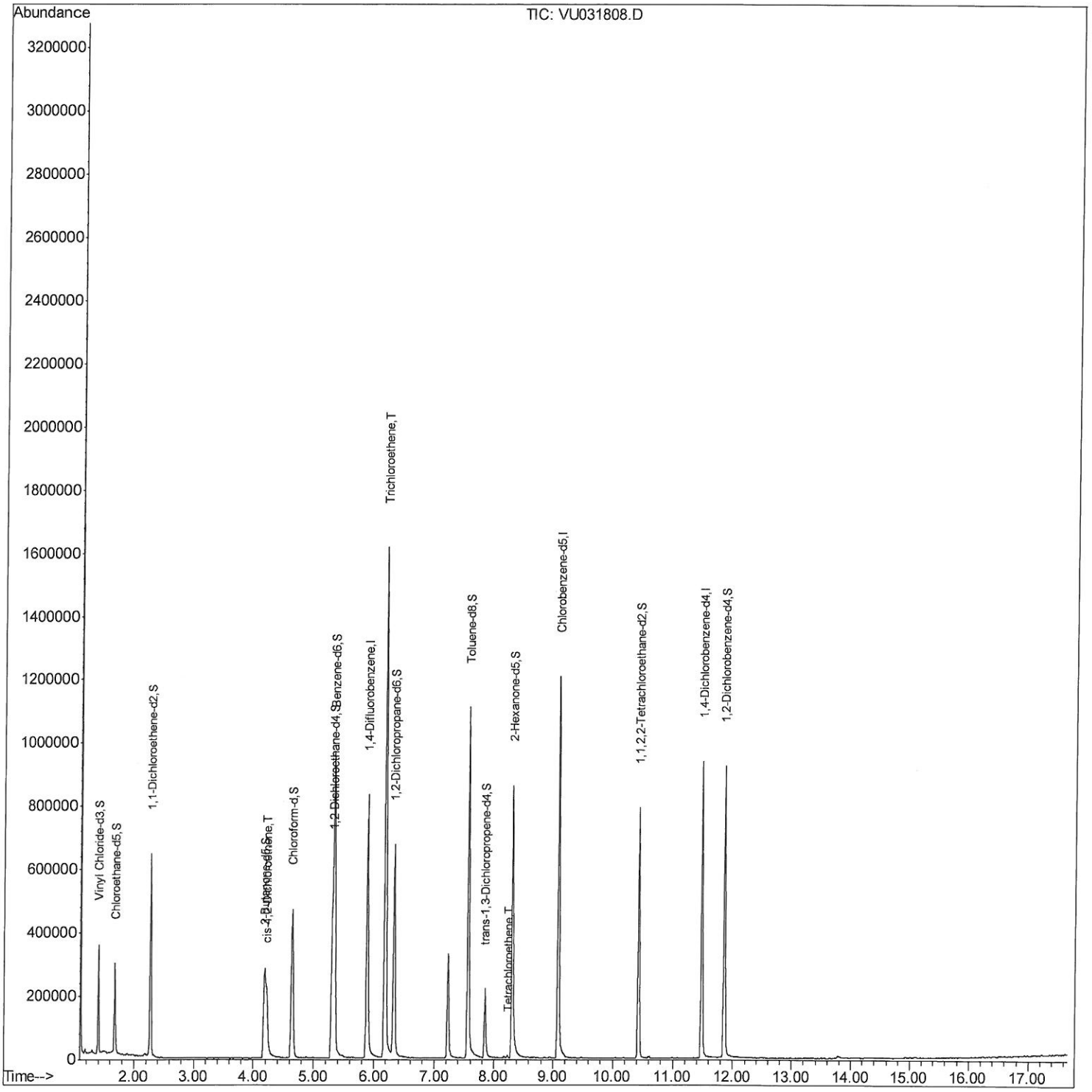
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050719\
Data File : VU031808.D
Acq On : 07 May 2019 16:37
Operator : JC/SP
Sample : K2694-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 08 08:40:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHH7

Manual Integrations APPROVED
MMDadoda
5/8/2019 11:12:21 AM



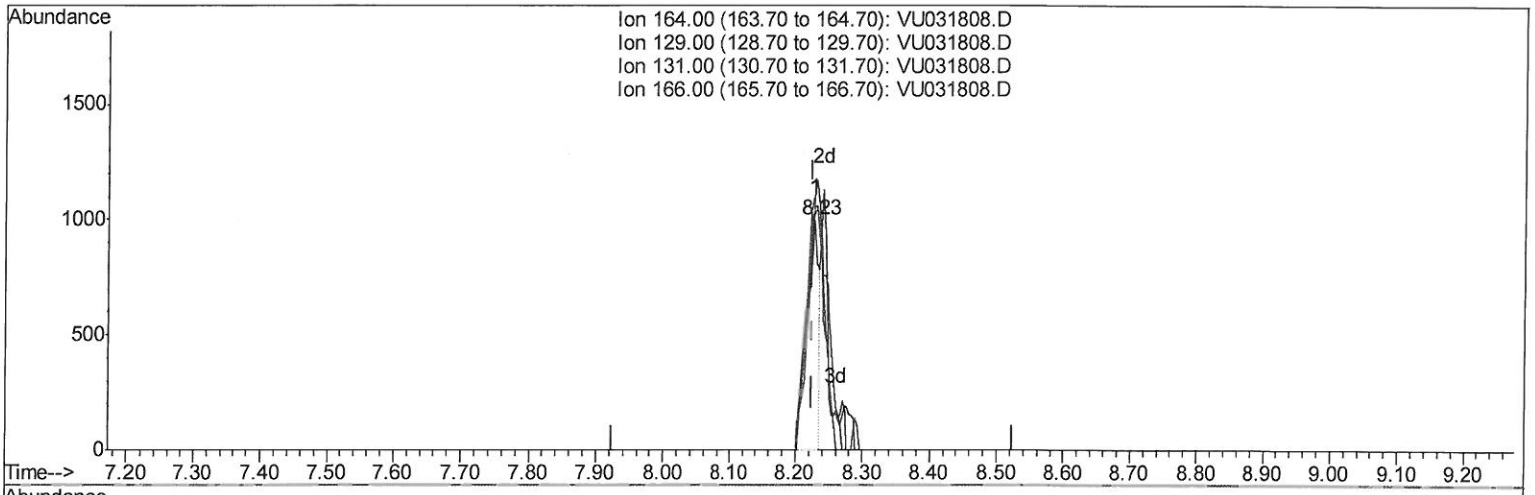
Quantitation Report (Qedit)

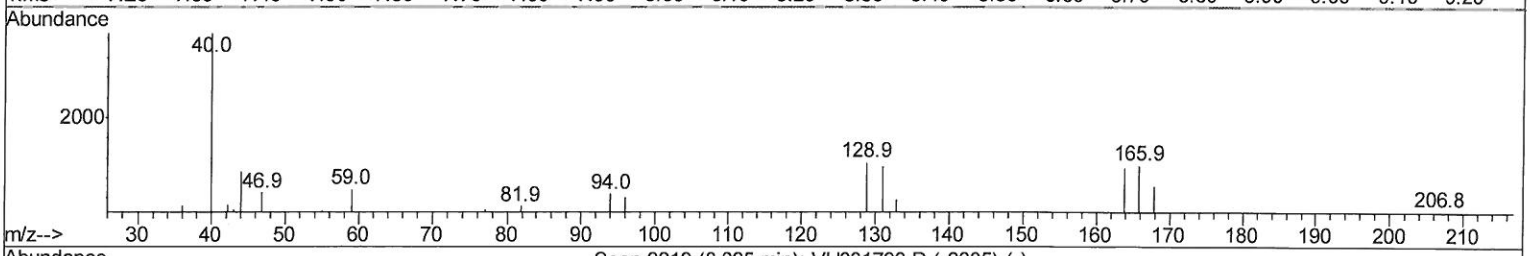
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050719\
Data File : VU031808.D
Acq On : 07 May 2019 16:37
Operator : JC/SP
Sample : K2694-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

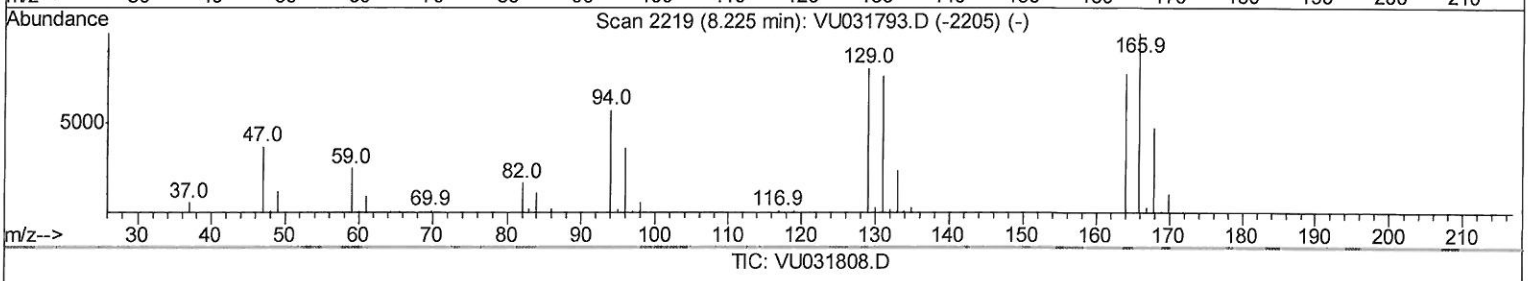
Quant Time: May 08 08:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHH7

Manual Integrations APPROVED
MMDadoda
5/8/2019 11:12:21 AM







TIC: VU031808.D

(46) Tetrachloroethene (T)

8.228min (+0.003) 0.33ug/L

response 1252

Ion	Exp%	Act%
164.00	100	100
129.00	102.20	110.43
131.00	98.60	102.91
166.00	133.80	105.82

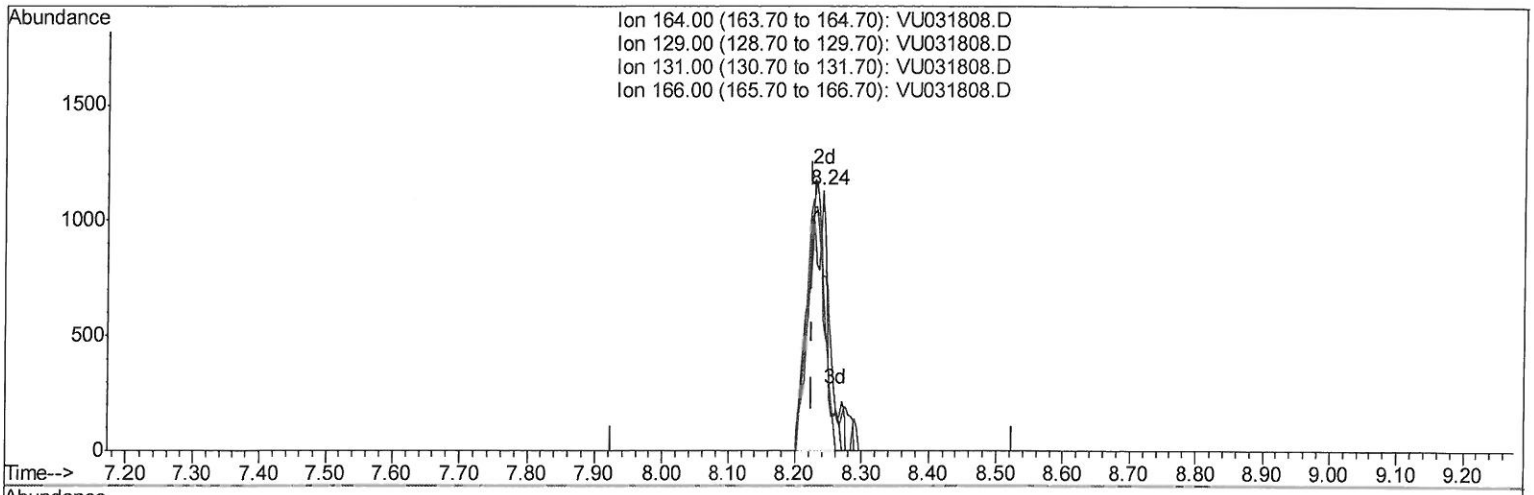
Quantitation Report (Qedit)

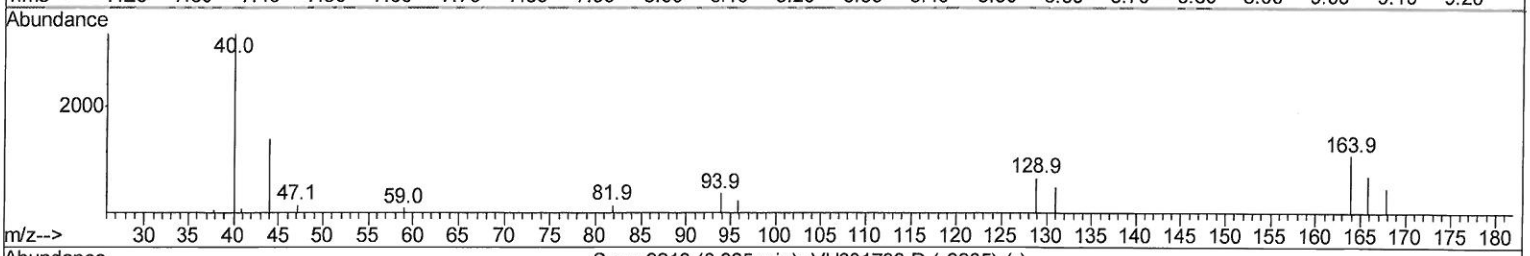
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050719\
Data File : VU031808.D
Acq On : 07 May 2019 16:37
Operator : JC/SP
Sample : K2694-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

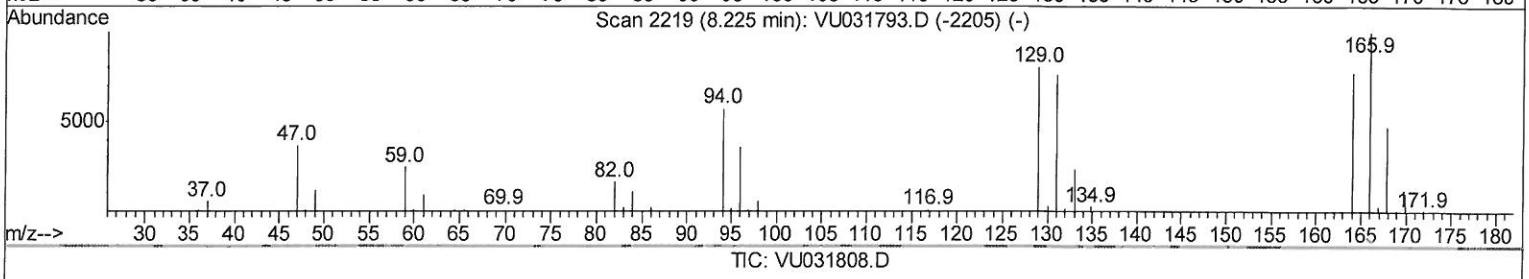
Quant Time: May 08 08:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHH7

Manual Integrations APPROVED
MMDadoda
5/8/2019 11:12:21 AM







TIC: VU031808.D

(46) Tetrachloroethene (T)

8.241min (+0.016) 0.57ug/L m

response 2127

> MQ 5/12/19

Ion	Exp%	Act%
164.00	100	100
129.00	102.20	63.48#
131.00	98.60	49.96#
166.00	133.80	67.02#

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050719\
Data File : VU031808.D
Acq On : 07 May 2019 16:37
Operator : JC/SP
Sample : K2694-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH7

Manual Integrations APPROVED
MMDadoda
5/8/2019 11:12:21 AM

Quant Time: May 08 08:40:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	647577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219106	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	240342	44.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.70%			
7) Chloroethane-d5	1.68	69	184519	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.12%			
11) 1,1-Dichloroethene-d2	2.27	63	383514	35.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.06%			
21) 2-Butanone-d5	4.18	46	512789	104.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.43%			
24) Chloroform-d	4.64	84	453279	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.34%			
26) 1,2-Dichloroethane-d4	5.31	65	334406	51.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.14%			
32) Benzene-d6	5.34	84	904071	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.26%			
36) 1,2-Dichloropropane-d6	6.33	67	328256	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.56	98	733924	44.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.85	79	124815	43.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.08%			
47) 2-Hexanone-d5	8.31	63	271900	94.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	398805	44.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	224508	48.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.44%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	78509	13.902	ug/L	92
34) Trichloroethene	6.18	95	599983	108.920	ug/L	94
46) Tetrachloroethene	8.24	164	2127m	0.566	ug/L	

MQ 5/12/19

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