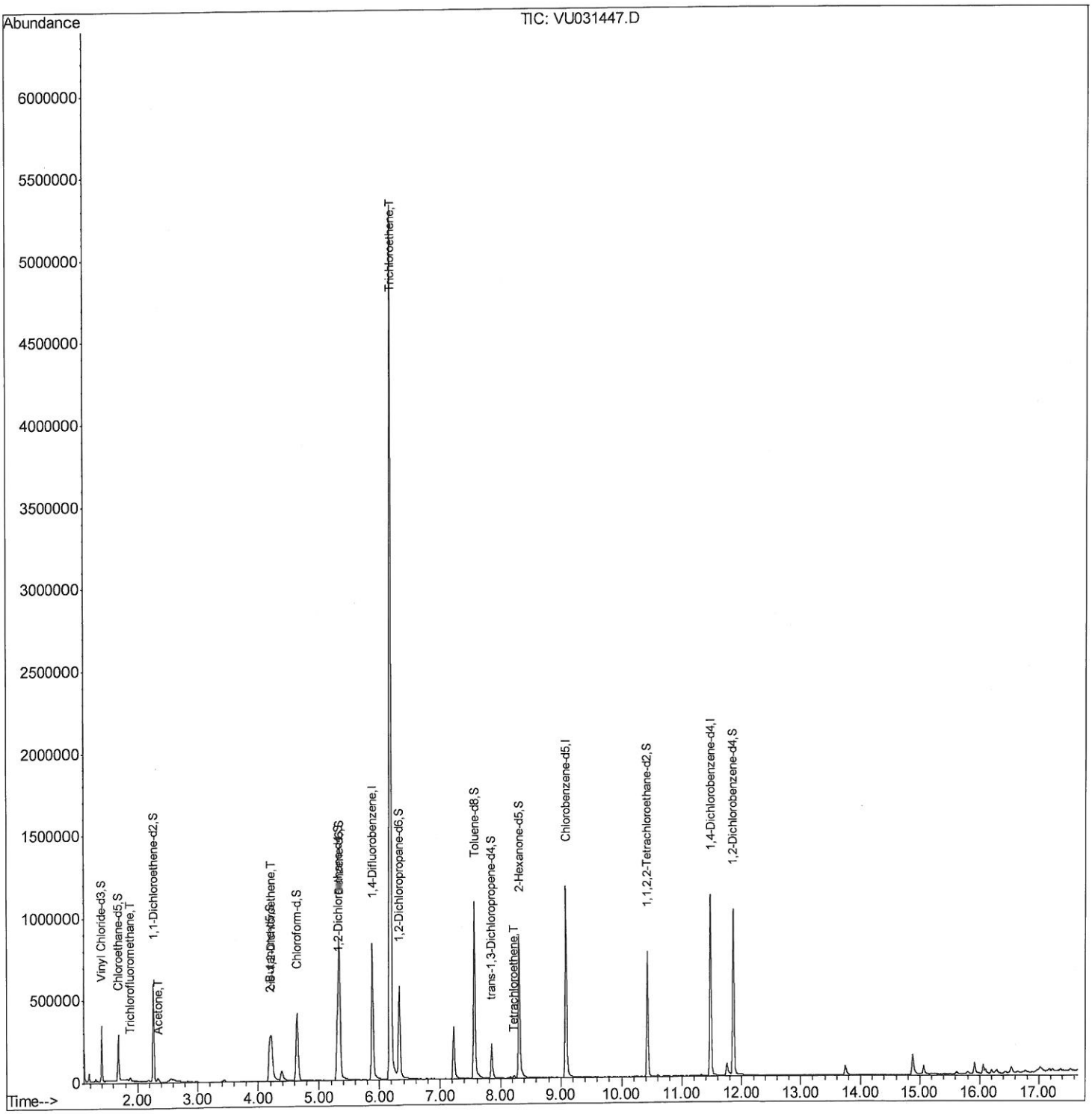
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042319\
Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
Operator : JC/SP
Sample : K2536-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 24 08:40:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

Manual Integrations APPROVED
MMDadoda
4/24/2019 10:46:38 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042319\
Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
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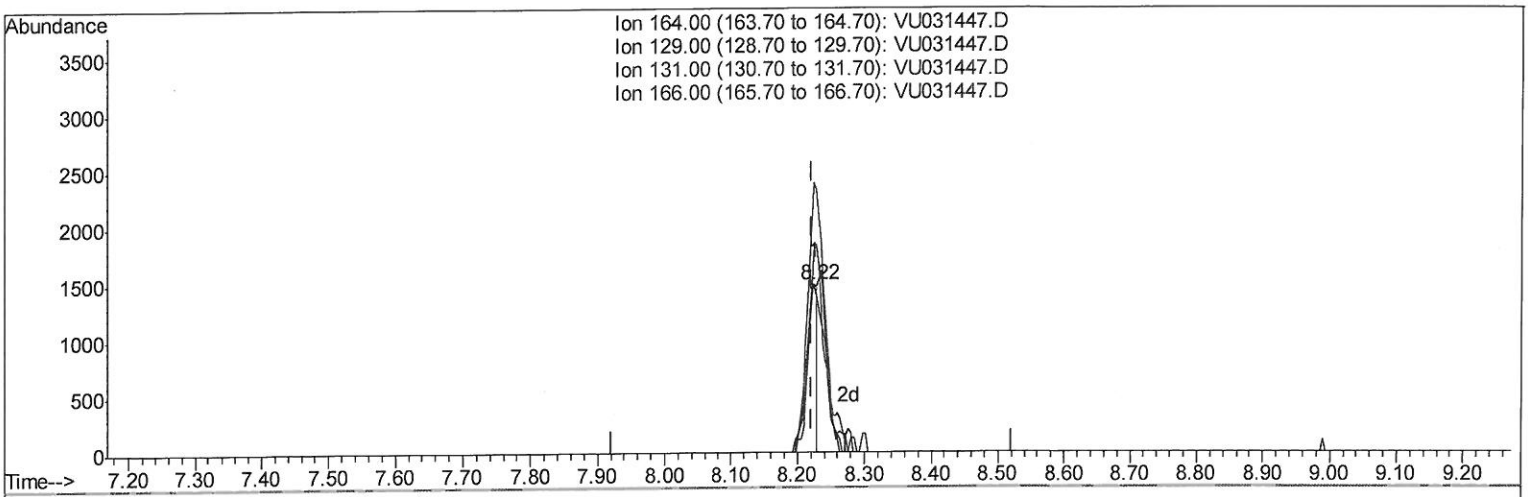

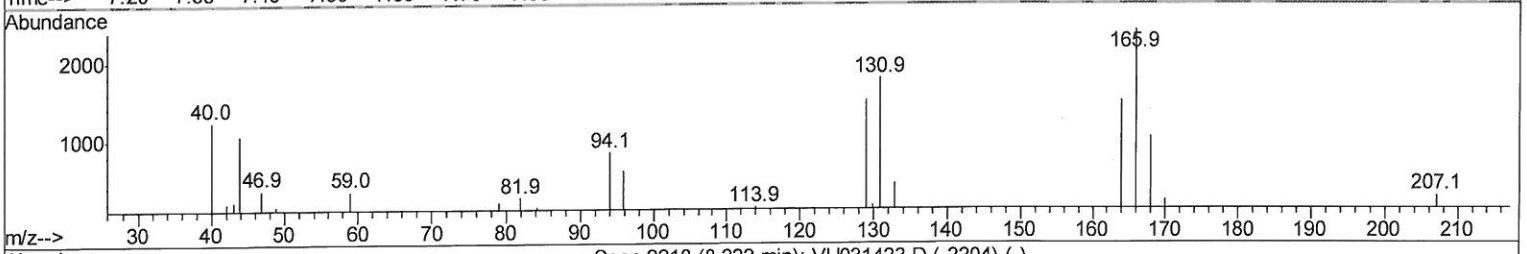

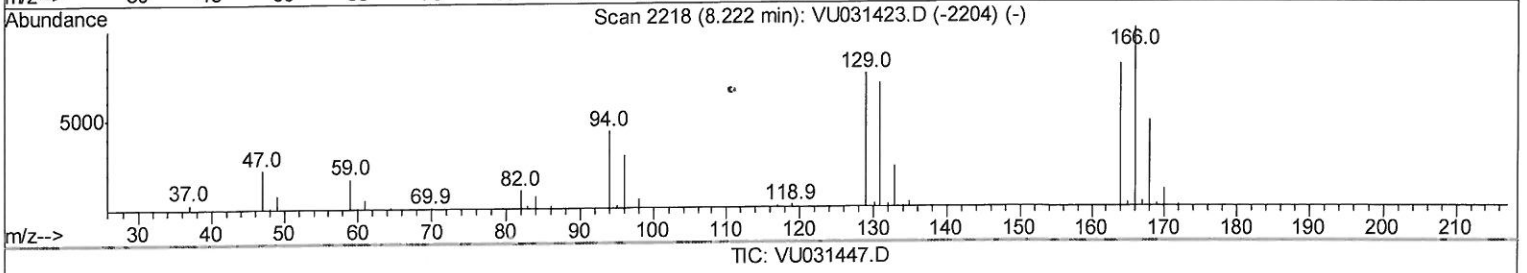

TIC: VU031447.D

(46) Tetrachloroethene (T)

8.225min (+0.003) 0.43ug/L

response 1602

Ion	Exp%	Act%
164.00	100	100
129.00	93.10	100.34
131.00	87.70	119.54#
166.00	127.40	160.71

Quantitation Report (Qedit)

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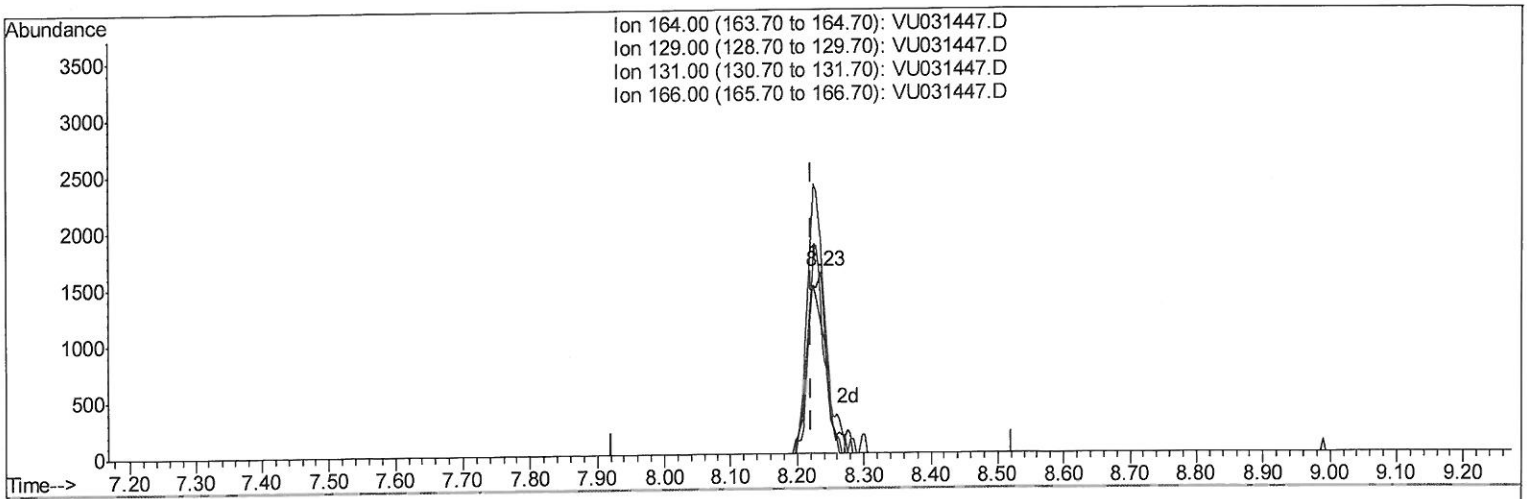
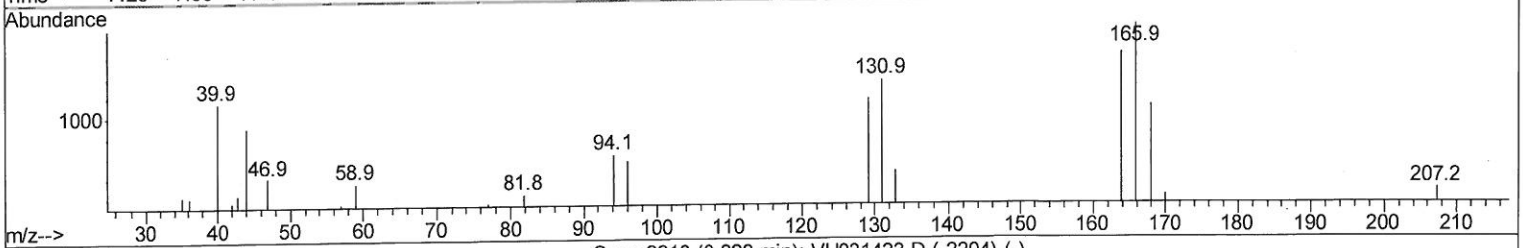
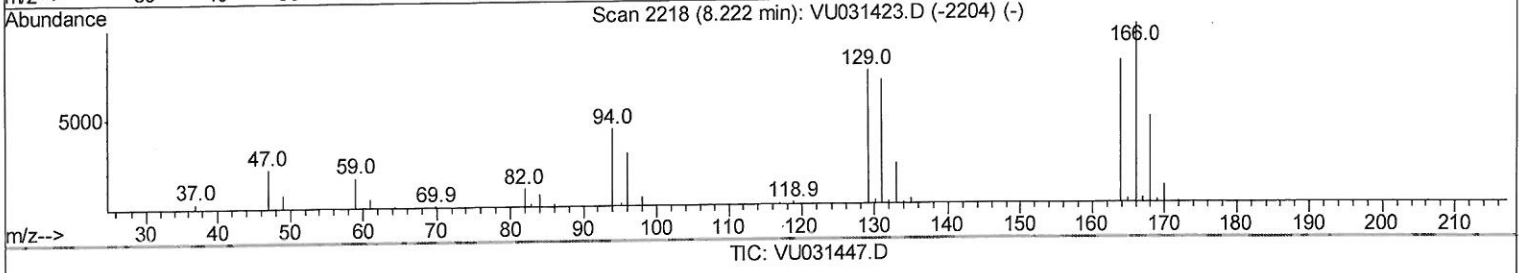
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

Manual Integrations APPROVED
MMDadoda
4/24/2019 10:46:38 AM







TIC: VU031447.D

(46) Tetrachloroethene (T)

8.234min (+0.013) 0.84ug/L m

response 3089

Ion	Exp%	Act%
164.00	100	100
129.00	93.10	71.76
131.00	87.70	83.05
166.00	127.40	117.07

MD 4/24/19

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0XG3

Manual Integrations APPROVED
MMDadoda
4/24/2019 10:46:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	742407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	679840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302297	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	228611	38.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.00%			
7) Chloroethane-d5	1.68	69	195768	42.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.48%			
11) 1,1-Dichloroethene-d2	2.27	63	342789	32.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.52%			
21) 2-Butanone-d5	4.19	46	460850	102.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.47%			
24) Chloroform-d	4.64	84	422566	44.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.16%			
26) 1,2-Dichloroethane-d4	5.31	65	262500	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.42%			
32) Benzene-d6	5.34	84	888775	45.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.52%			
36) 1,2-Dichloropropane-d6	6.32	67	292552	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.58%			
41) Toluene-d8	7.56	98	774717	44.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.32%			
43) trans-1,3-Dichloropropene-	7.85	79	130986	45.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.98%			
47) 2-Hexanone-d5	8.31	63	326383	103.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	406115	47.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	283051	45.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	5756	0.726	ug/L #	83
13) Acetone	2.34	43	31720	8.983	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	99065	18.717	ug/L	98
34) Trichloroethene	6.18	95	1958492	375.876	ug/L	99
46) Tetrachloroethene	8.23	164	3089m	0.836	ug/L	

MM 4/24/19

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