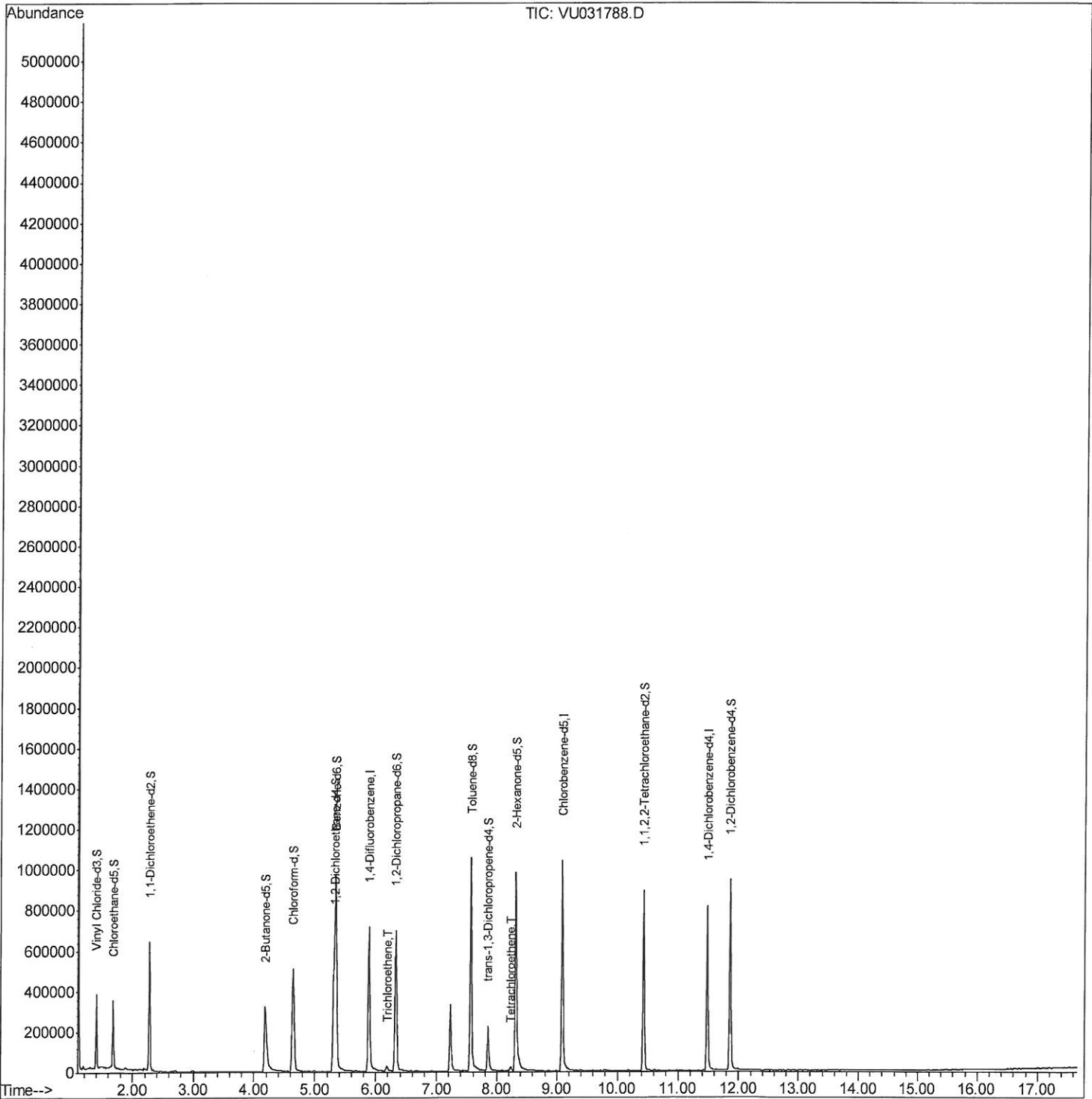


Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VI BLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
Client Sampled :
 VI BLK40

Manual Integrations
APPROVED
 MMDadoda
 5/7/2019 5:15:34 PM

Quant Time: May 07 09:13:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

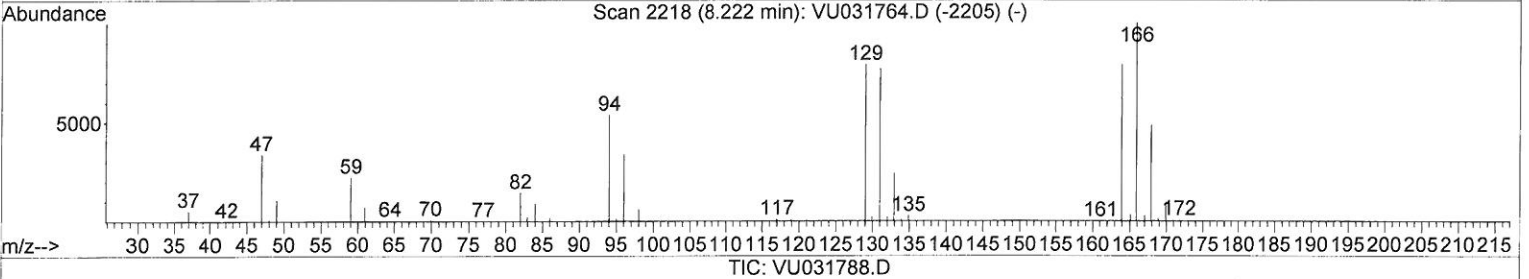
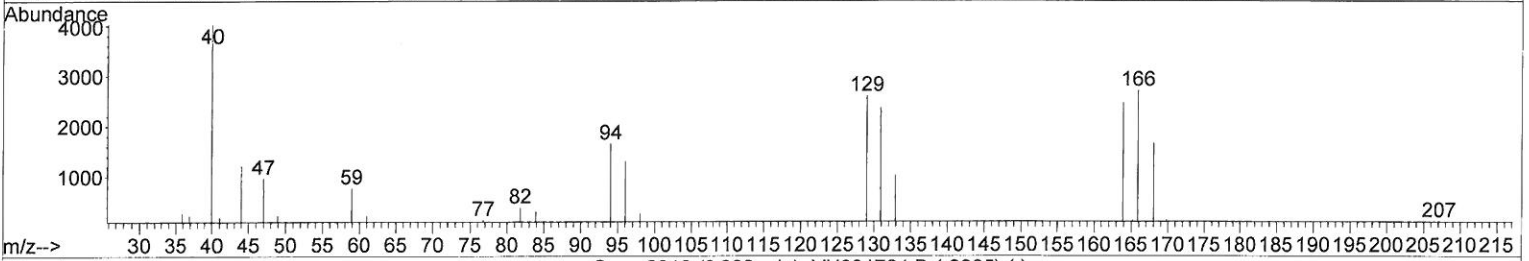
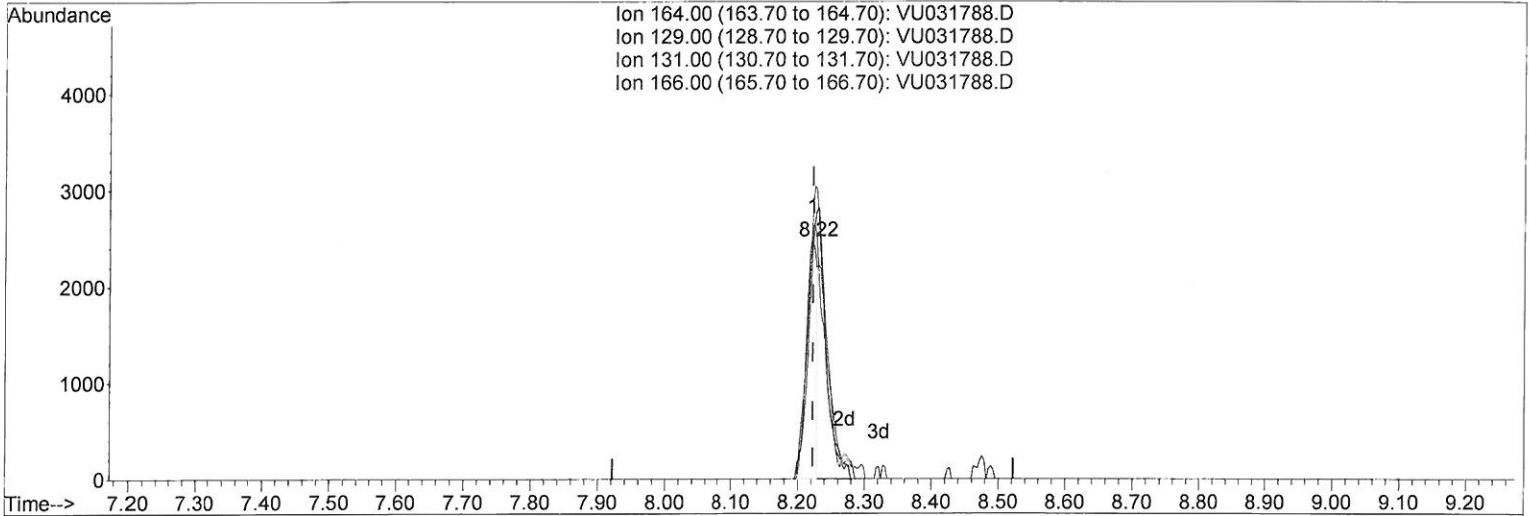
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampled :
 VIBLK40

Manual Integrations
APPROVED

MMDadoda
 5/7/2019 5:15:34 PM

Quant Time: May 07 08:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration



(46) Tetrachloroethene (T)

8.221min (-0.000) 0.81ug/L

response 2673

Ion	Exp%	Act%
164.00	100	100
129.00	102.20	104.97
131.00	98.60	95.39
166.00	133.80	109.34

Quantitation Report (Qedit)

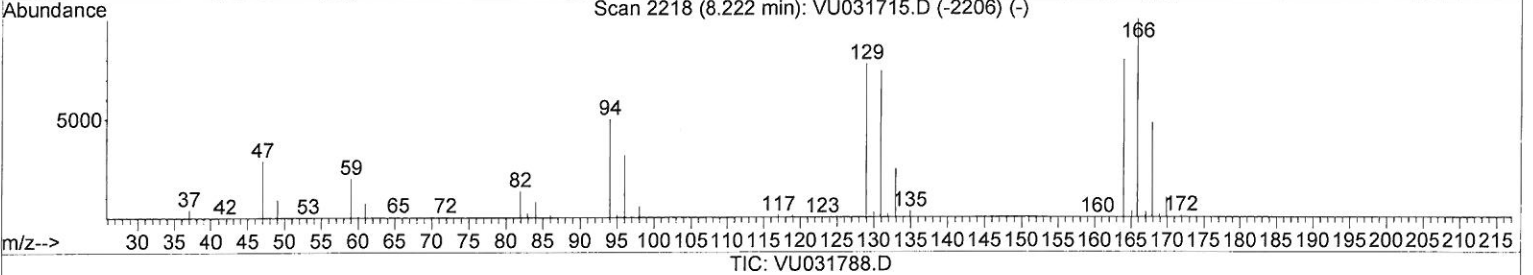
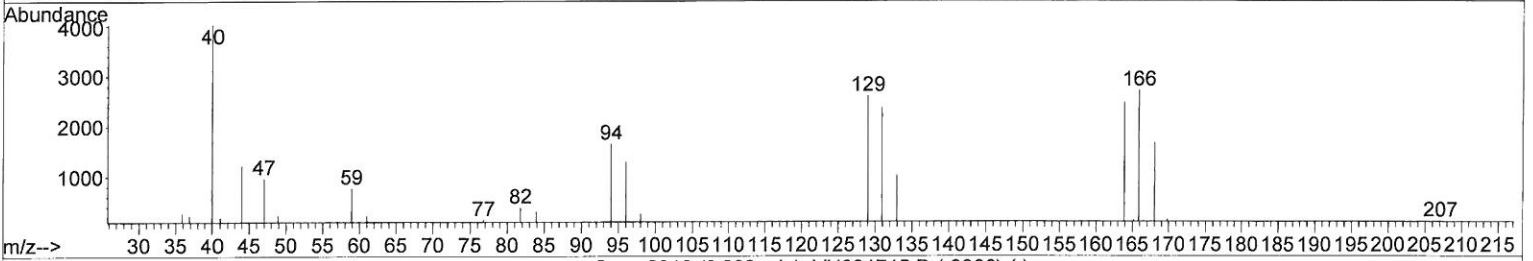
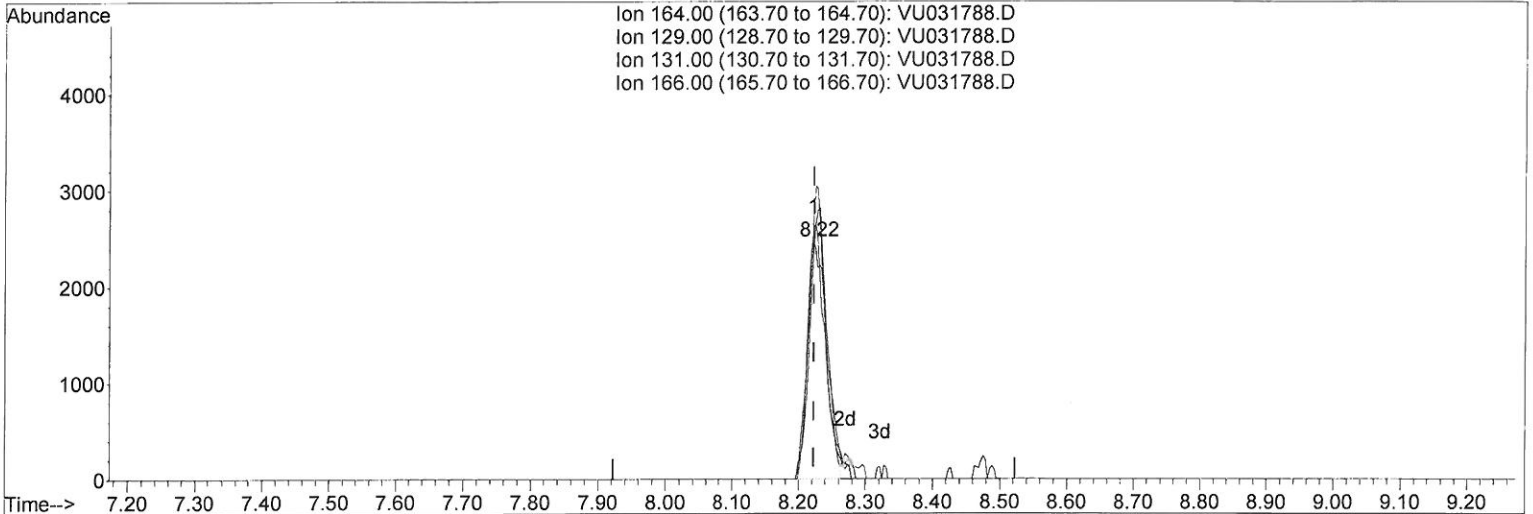
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 5:15:34 PM

Quant Time: May 07 09:13:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration



TIC: VU031788.D

(46) Tetrachloroethene (T)

8.221min (-0.000) 1.44ug/L m

response 4764

Handwritten: 7 m/s
 5/12/19

Ion	Exp%	Act%
164.00	100	100
129.00	102.20	104.97
131.00	98.60	95.39
166.00	133.80	109.34

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 5:15:34 PM

Quant Time: May 07 09:13:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	563123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	545448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250842	53.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.44%
7) Chloroethane-d5	1.68	69	205403	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.27	63	383342	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
21) 2-Butanone-d5	4.18	46	590078	138.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.19%#
24) Chloroform-d	4.64	84	492530	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
26) 1,2-Dichloroethane-d4	5.31	65	341030	60.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.96%
32) Benzene-d6	5.34	84	911063	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
36) 1,2-Dichloropropane-d6	6.33	67	343824	58.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.70%
41) Toluene-d8	7.56	98	710653	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	130779	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.40%
47) 2-Hexanone-d5	8.31	63	312483	122.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450302	56.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	228968	56.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	6.19	95	5786	1.190	ug/L	83
46) Tetrachloroethene	8.22	164	4764m	1.438	ug/L	

7 MB
5/12/19

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