

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043019\
Quantitation Report (QT Reviewed)

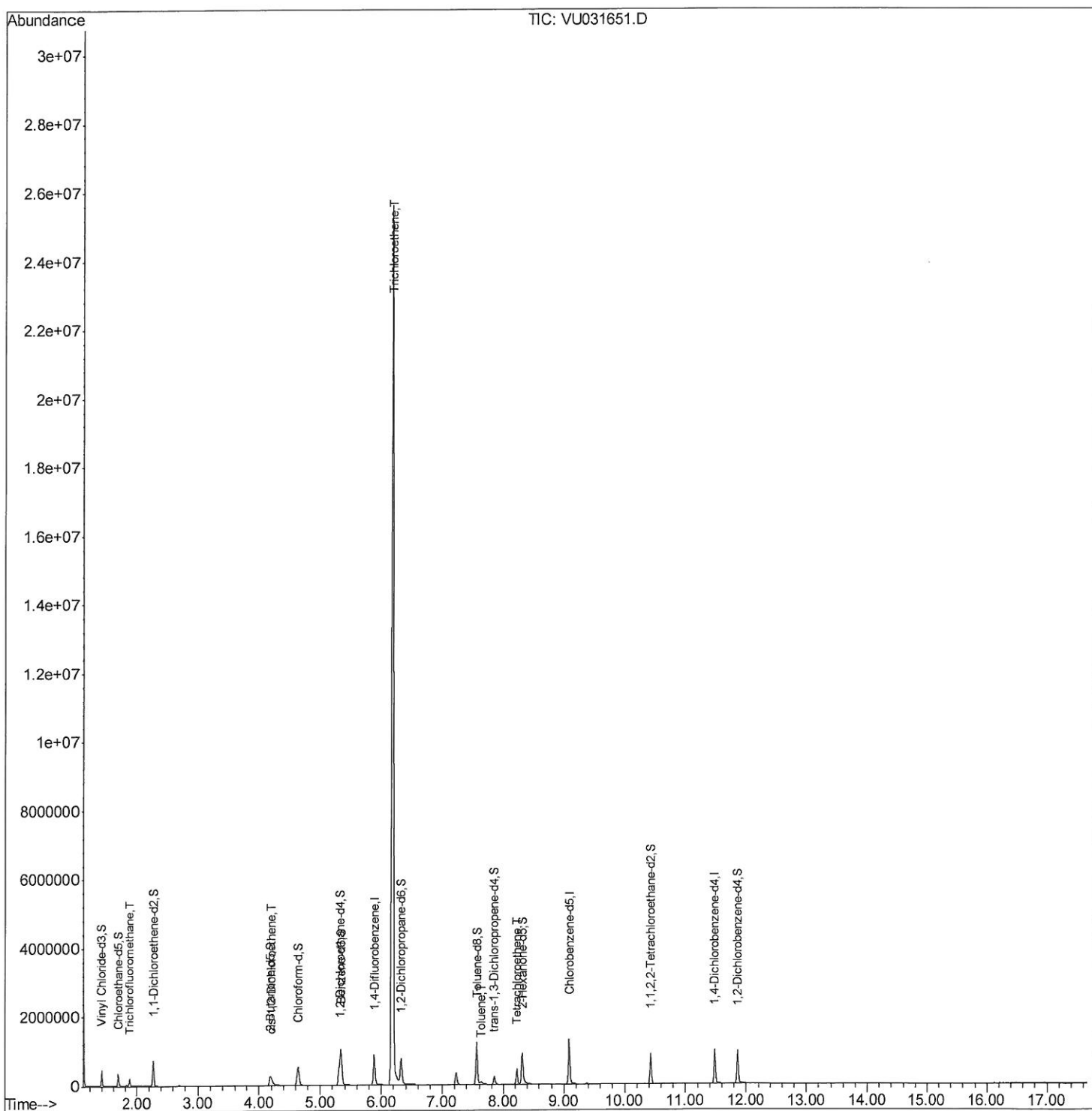
Data File : VU031651.D
Acq On : 30 Apr 2019 21:55
Operator : JC/SP
Sample : K2593-18 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:17:00 AM

Quant Time: May 01 04:39:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043019\
Quantitation Report (Qedit)

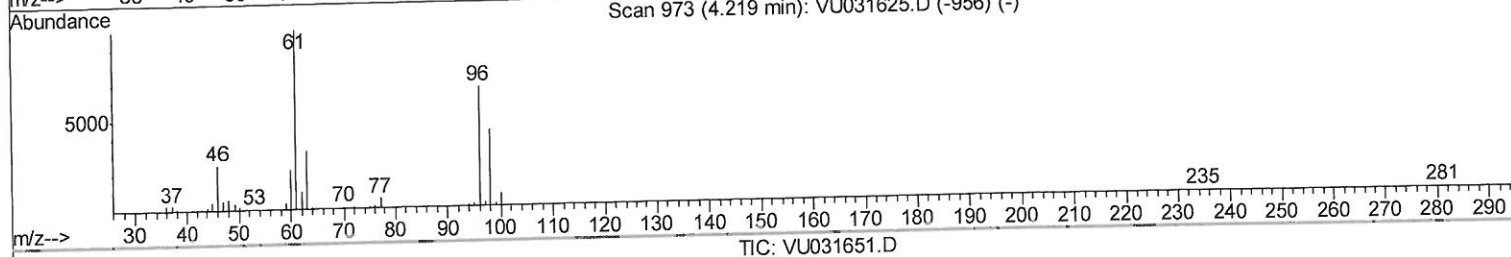
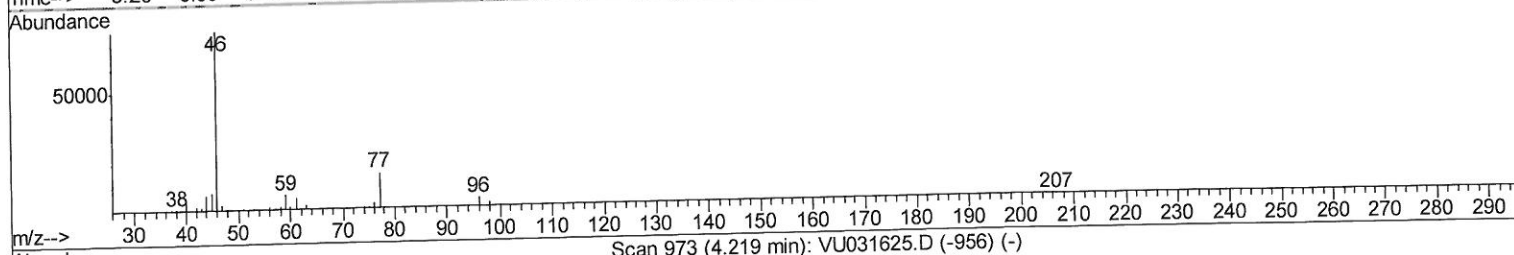
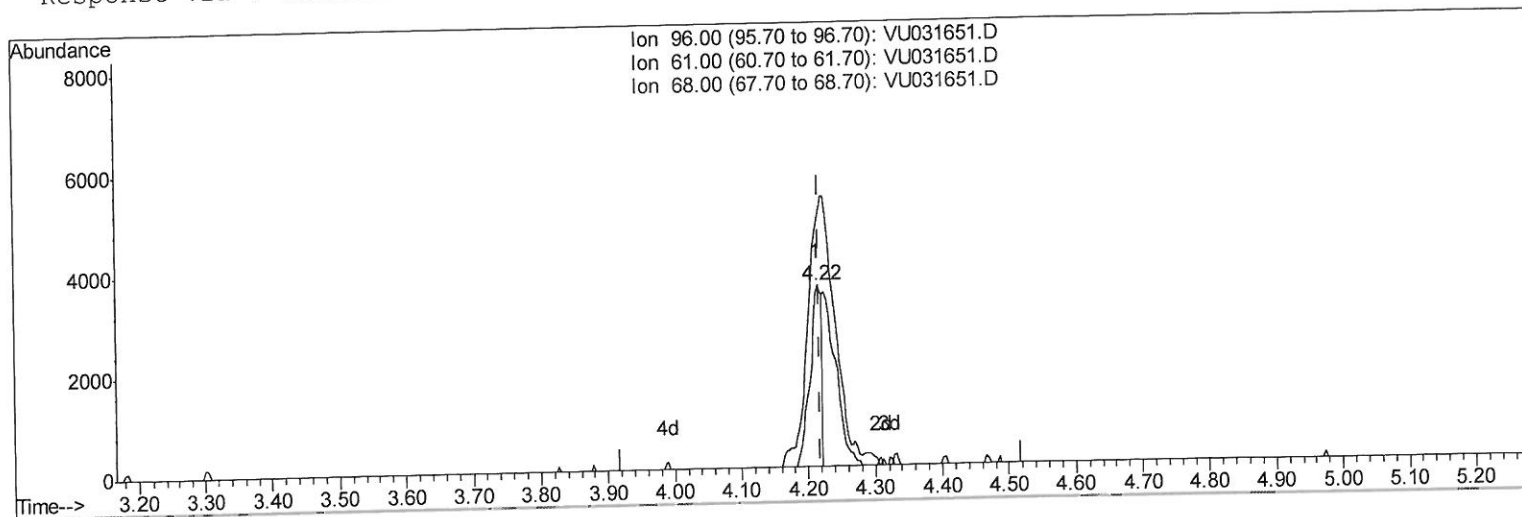
Data File : VU031651.D
Acq On : 30 Apr 2019 21:55
Operator : JC/SP
Sample : K2593-18 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:17:00 AM

Quant Time: May 01 01:45:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 0.77ug/L

response 4614

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	137.12
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043019\
Quantitation Report (Qedit)

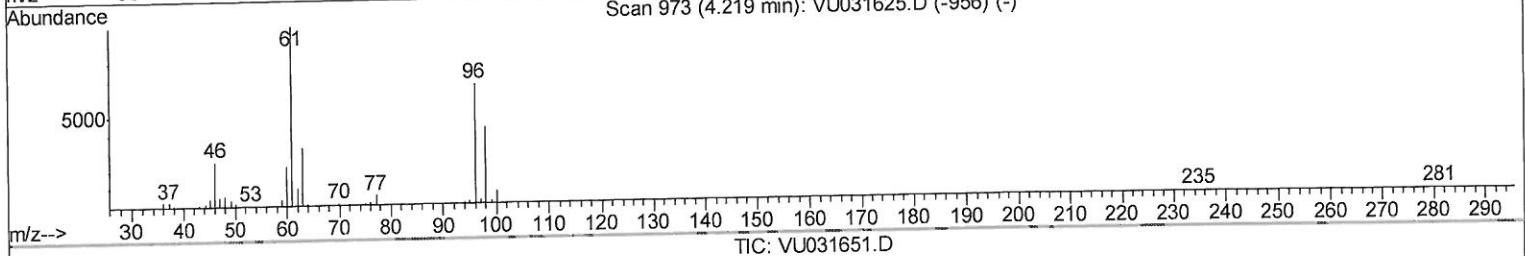
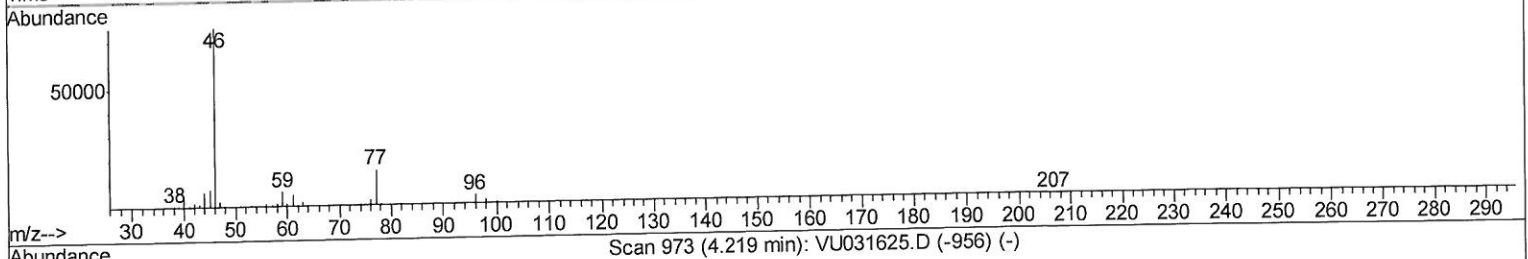
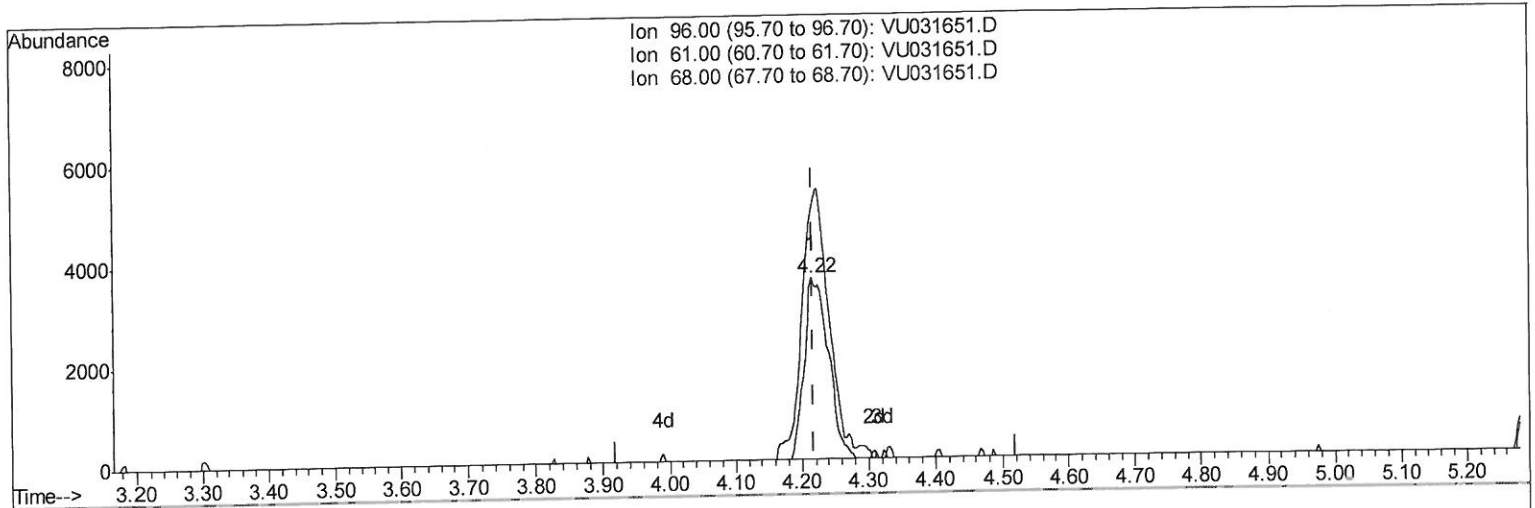
Data File : VU031651.D
Acq On : 30 Apr 2019 21:55
Operator : JC/SP
Sample : K2593-18 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:17:00 AM

Quant Time: May 01 01:45:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 1.52ug/L m

response 9084

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	137.12
68.00	0.00	0.00
0.00	0.00	0.00

7 MD
5/1/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043019\
Quantitation Report (QT Reviewed)

Data File : VU031651.D
Acq On : 30 Apr 2019 21:55
Operator : JC/SP
Sample : K2593-18 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 11:17:00 AM

Quant Time: May 01 04:39:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	685588	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	664895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229558	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	301869	52.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.22%
7) Chloroethane-d5	1.68	69	223931	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	451316	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.00%
21) 2-Butanone-d5	4.19	46	531978	102.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.33%
24) Chloroform-d	4.64	84	515085	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	5.31	65	359356	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.33	84	992186	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.32	67	362717	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.56	98	803918	45.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.42%
43) trans-1,3-Dichloropropene-	7.85	79	137874	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.31	63	289420	93.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447080	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	231913	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	127826	13.149	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	9084m	1.519	ug/L	93
34) Trichloroethene	6.18	95	9345779	1577.167	ug/L	98
42) Toluene	7.64	91	44279	1.818	ug/L	98
46) Tetrachloroethene	8.22	164	93220	23.076	ug/L	98

> MD
5/2/19

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