Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\

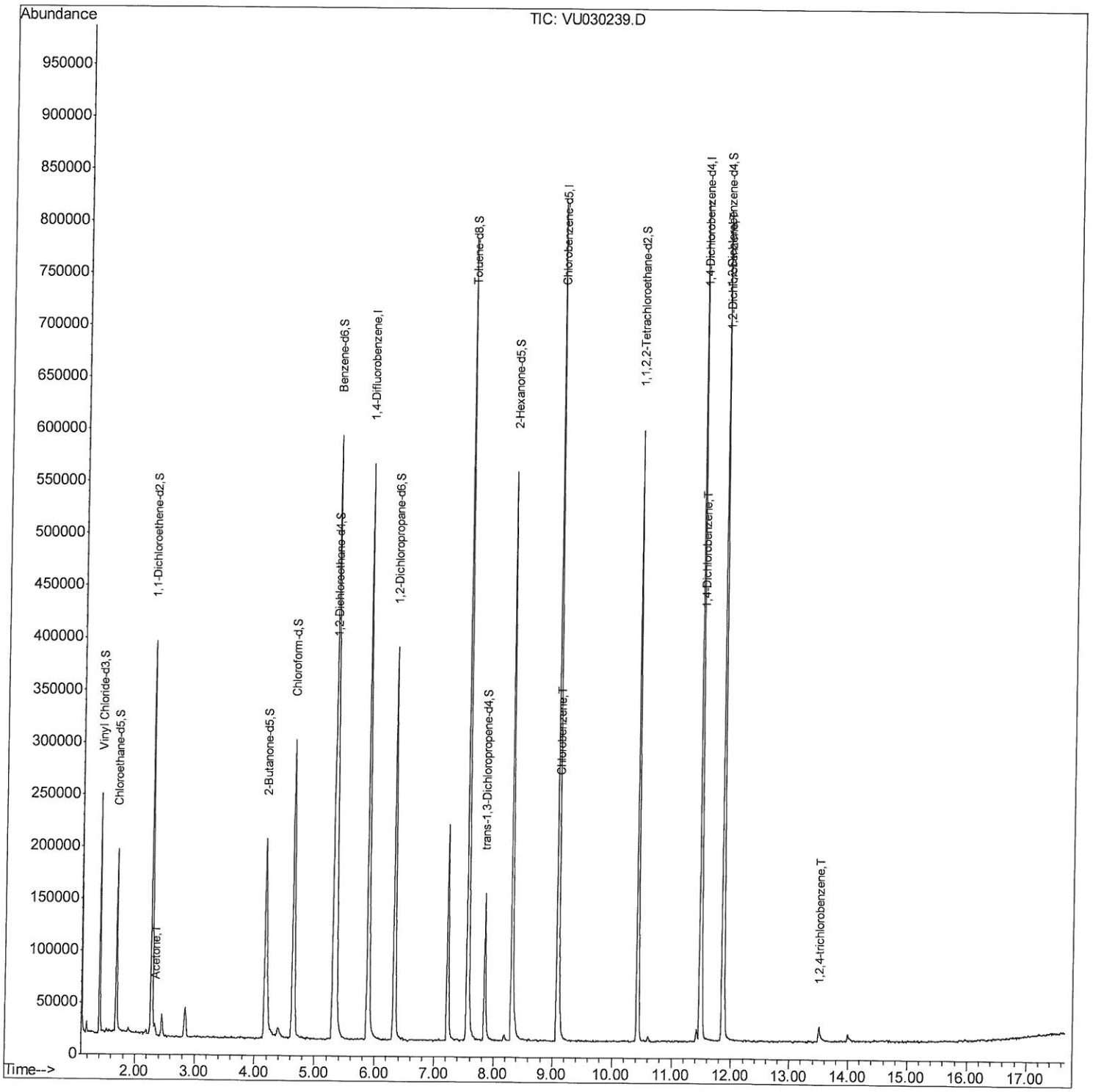
Quantitation Report (QT/LSC Reviewed)

Data File : VU030239.D
Acq On : 20 Mar 2019 21:41
Operator : JC/SP
Sample : K2022-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 22 02:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0995

Manual Integrations APPROVED
MMDadoda
3/22/2019 12:14:05 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\

Quantitation Report (Qedit)

Data File : VU030239.D
Acq On : 20 Mar 2019 21:41
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 22 01:33:20 2019
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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Instrument :
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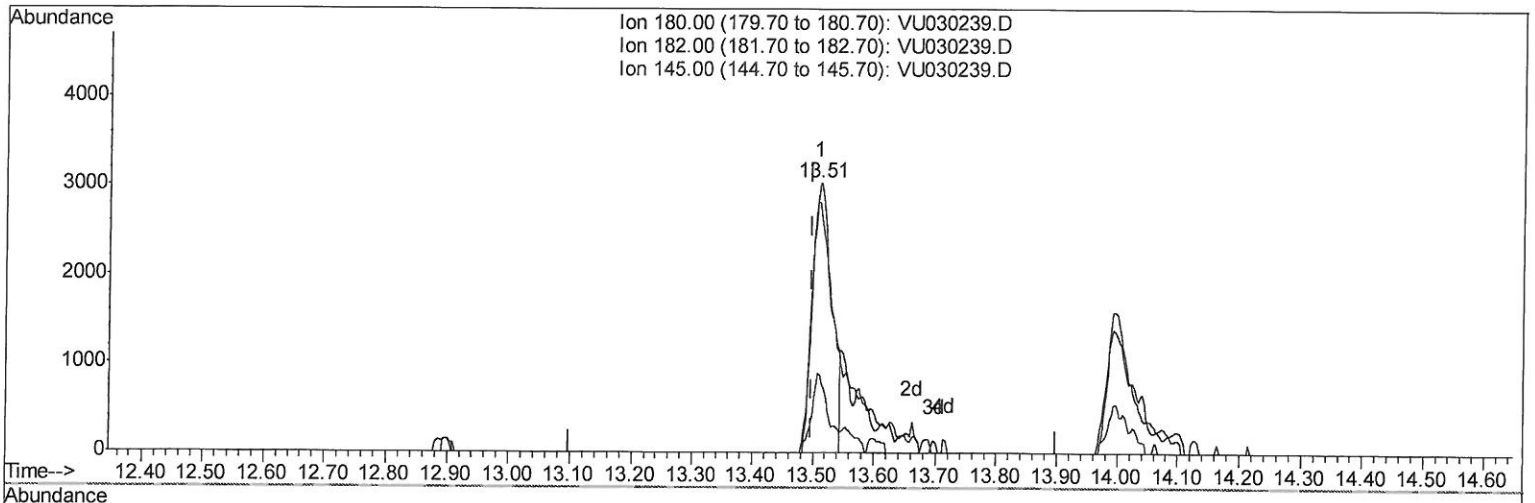
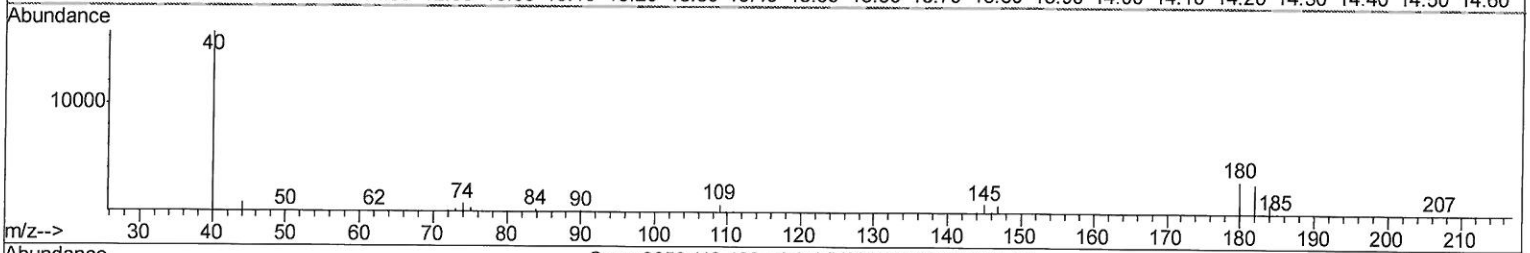
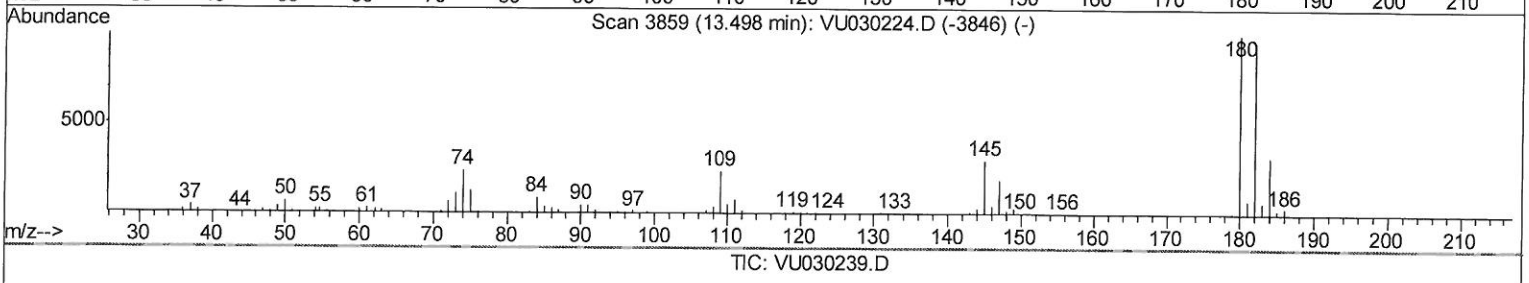
ClientSampleId :
C0995

Manual Integrations APPROVED
MMDadoda
3/22/2019 12:14:05 PM







TIC: VU030239.D

(68) 1,2,4-trichlorobenzene (T)

13.511min (+0.013) 1.30ug/L

response 6676

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	103.21
145.00	28.40	21.90#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\

Quantitation Report (Qedit)

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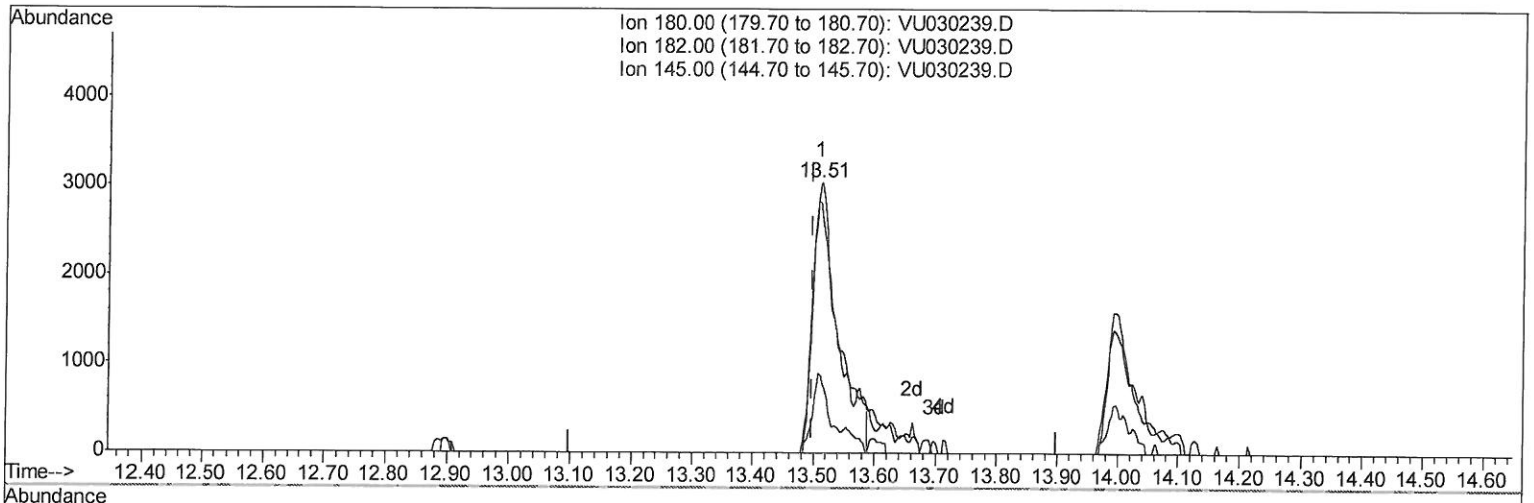
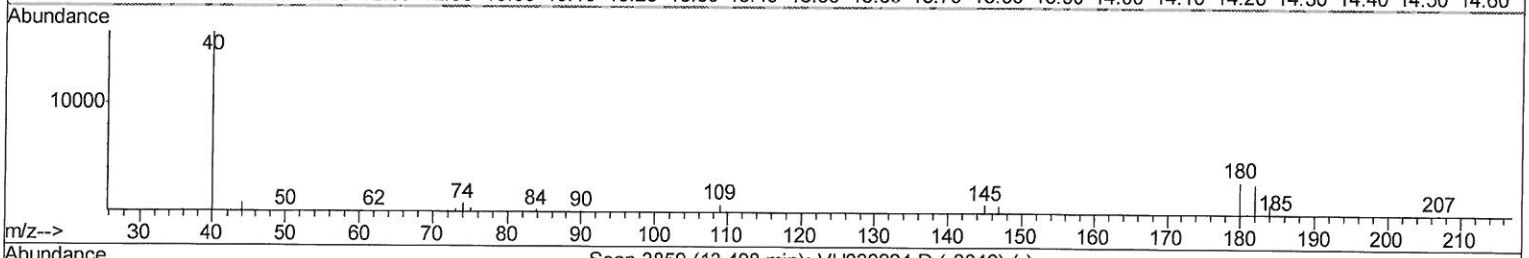
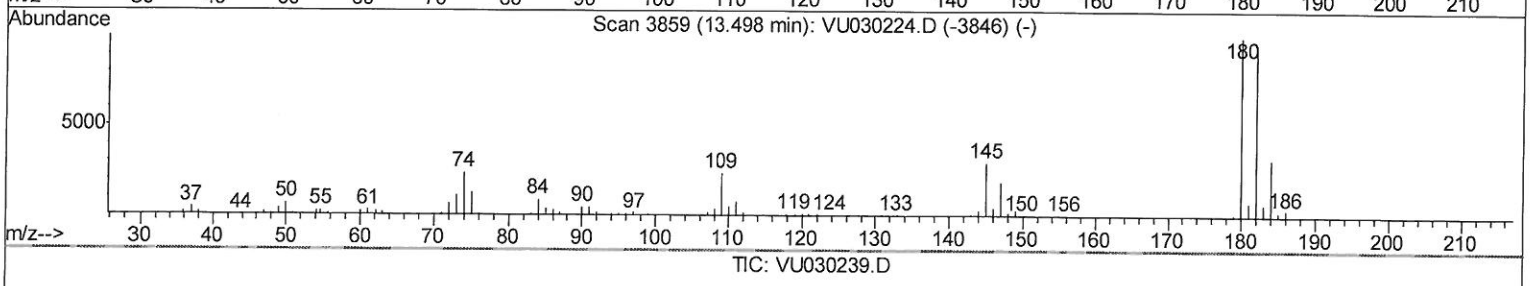
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0995

Manual Integrations APPROVED
MMDadoda
3/22/2019 12:14:05 PM







TIC: VU030239.D

(68) 1,2,4-trichlorobenzene (T)

13.511min (+0.013) 1.70ug/L m

response 8728

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	78.94
145.00	28.40	16.75#
0.00	0.00	0.00

7MD 3/27/19

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Quantitation Report (QT/LSC Reviewed)

Data File : VU030239.D
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Operator : JC/SP
Sample : K2022-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0995

Manual Integrations APPROVED
MMDadoda
3/22/2019 12:14:05 PM

Quant Time: Mar 22 02:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144315	42.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.06%			
7) Chloroethane-d5	1.68	69	126163	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.90%			
11) 1,1-Dichloroethene-d2	2.27	63	205417	32.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.58%			
21) 2-Butanone-d5	4.17	46	256484	100.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.69%			
24) Chloroform-d	4.65	84	296996	47.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.26%			
26) 1,2-Dichloroethane-d4	5.31	65	176292	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
32) Benzene-d6	5.34	84	626685	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.82%			
36) 1,2-Dichloropropane-d6	6.33	67	198441	48.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.04%			
41) Toluene-d8	7.56	98	562124	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.46%			
43) trans-1,3-Dichloropropene-	7.85	79	87601	43.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.98%			
47) 2-Hexanone-d5	8.31	63	212937	100.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305990	48.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	233409	49.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	10645	3.999	ug/L	99
51) Chlorobenzene	9.12	112	15190	1.458	ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	31022	4.024	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	27817	3.663	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	8728m	1.699	ug/L	

3/27/19

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