

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU032519\

Data File : VU030423.D

Access On : 25 Mar 2019 23:26

Operator : JC/SP

Sample : K2070-05 5X

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 04:25:15 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Mar 26 01:25:56 2019

Response via : Initial Calibration

MSVOA_U

ClientSampleId :

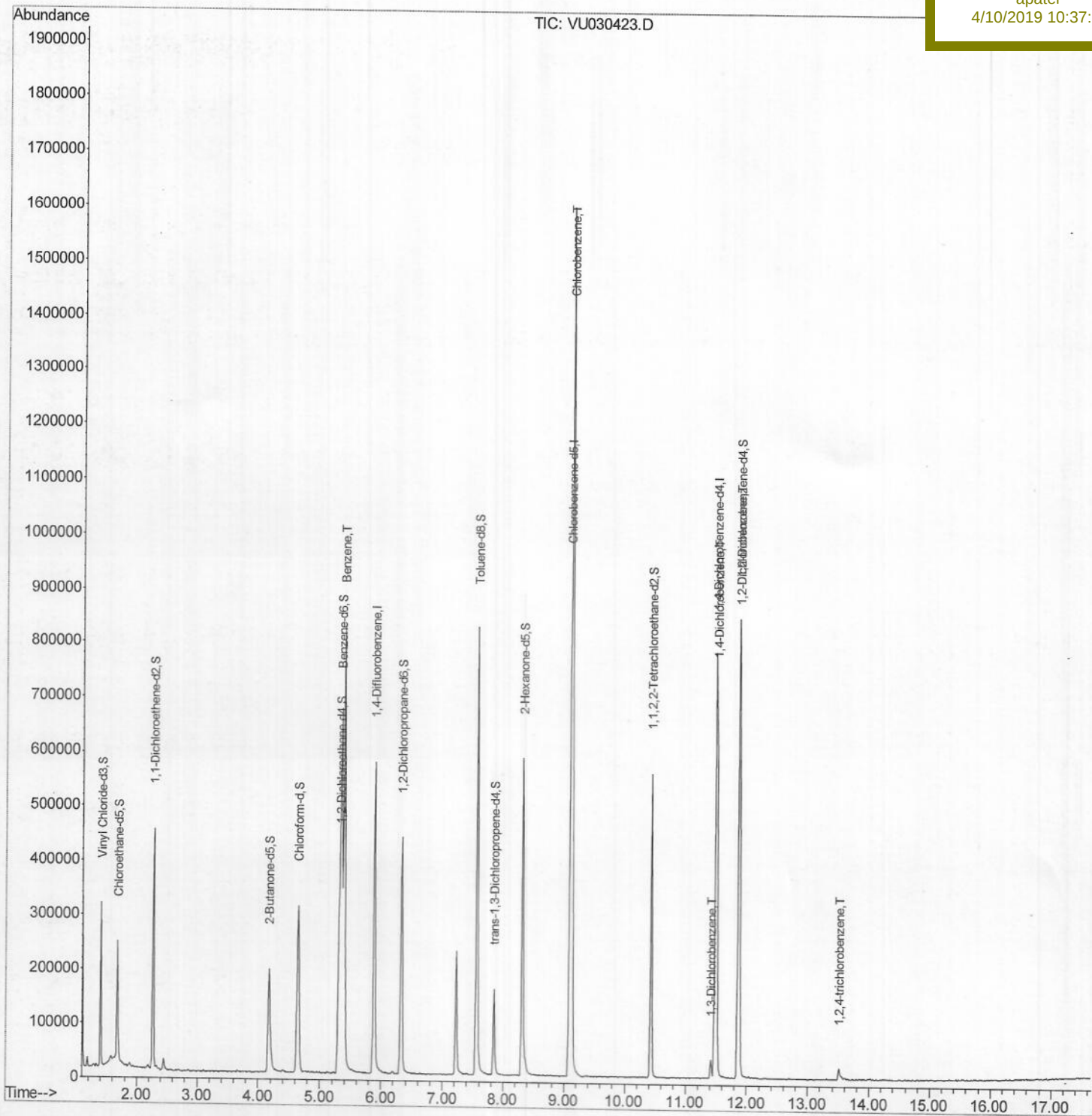
C09A8

Manual Integrations

APPROVED

apatel

4/10/2019 10:37:32 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU032519\

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Acq On : 25 Mar 2019 23:26

Operator : JC/SP

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Quant Time: Apr 10 10:34:43 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 09:37:09 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

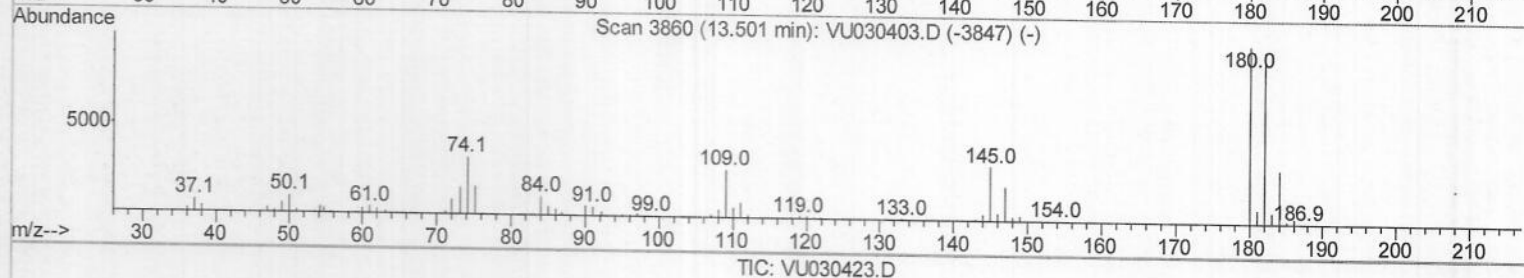
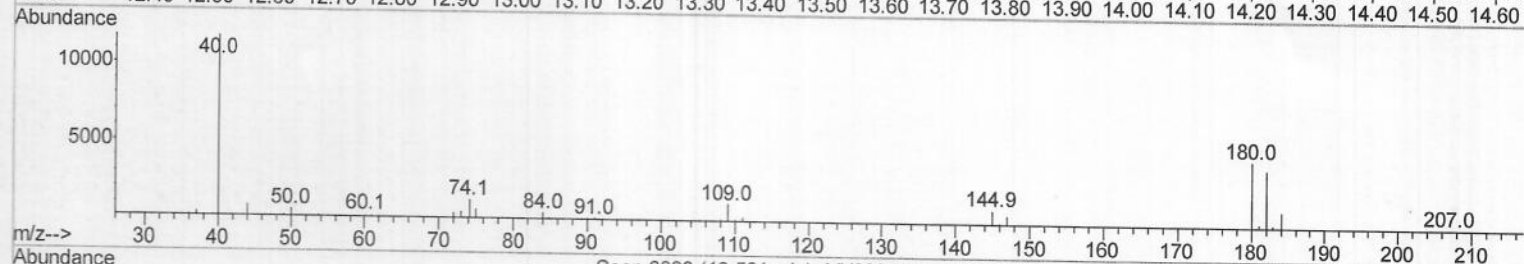
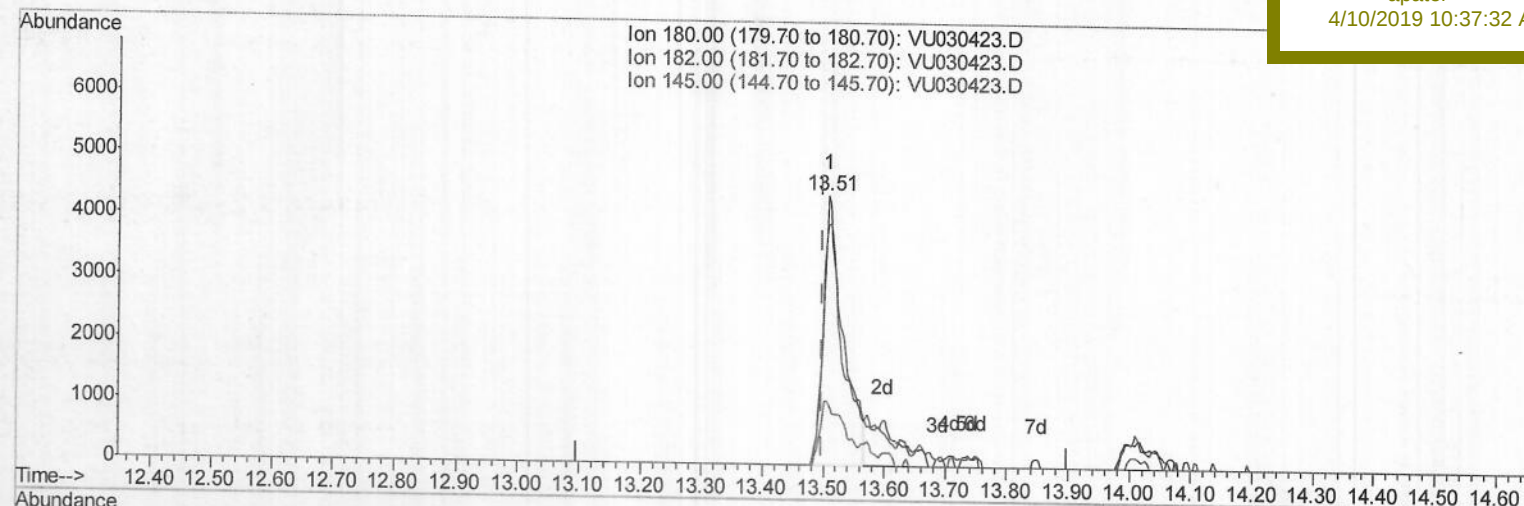
C09A8

Manual Integrations

APPROVED

apatel

4/10/2019 10:37:32 AM



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

13.508min (+0.010) 2.97ug/L

response 9918

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	88.15
145.00	30.60	15.56#
0.00	0.00	0.00

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MSVOA_U

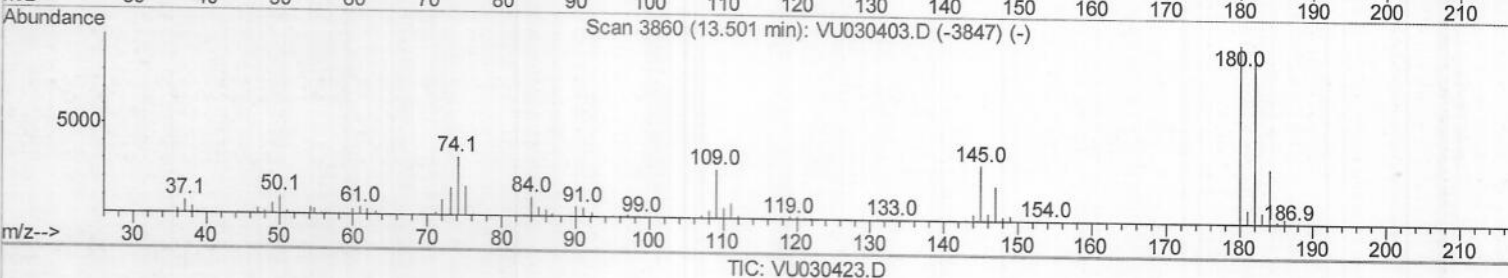
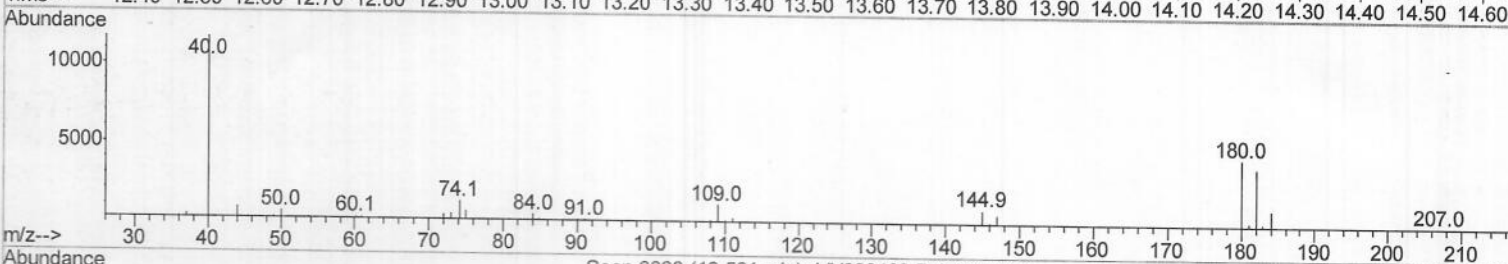
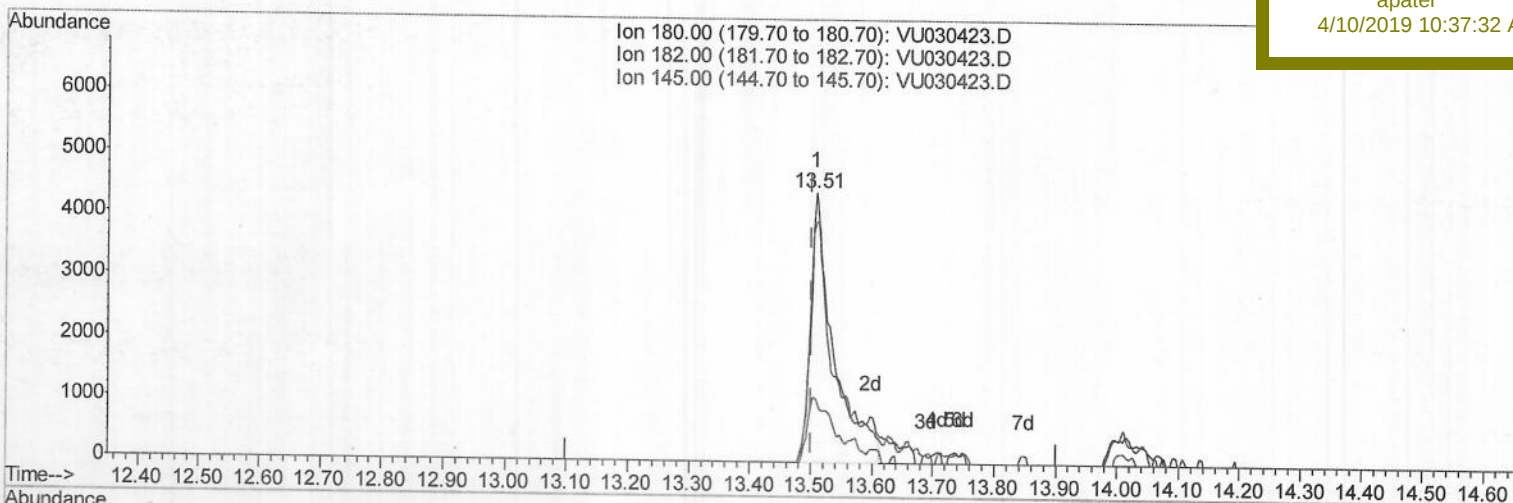
ClientSampleId :

C09A8

Manual Integrations
APPROVED

apatel

4/10/2019 10:37:32 AM



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

13.508min (+0.006) 3.01ug/L m

response 11712

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	74.65#
145.00	30.60	13.17#
0.00	0.00	0.00

M.D
3/27/19

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 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09A8

Manual Integrations
 APPROVED

apatel
 4/10/2019 10:37:32 AM

Quant Time: Mar 26 04:25:15 2019
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	448740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198099	51.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.72%
7) Chloroethane-d5	1.68	69	154048	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.27	63	264775	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
21) 2-Butanone-d5	4.17	46	316853	87.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.64	84	307308	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.31	65	206255	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.34	84	642758	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.33	67	223603	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.58%
41) Toluene-d8	7.56	98	557304	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.85	79	92473	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.31	63	199435	83.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289759	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	183891	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%

Target Compounds

					Ovalue
33) Benzene	5.39	78	792901	51.906	ug/L 100
51) Chlorobenzene	9.12	112	803129	83.588	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	13873	2.322	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	230563	37.481	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	199882	33.082	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	11712m)	3.013	ug/L

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