

'19/3/27

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (QT Reviewed)

Data File : VU030424.D

Acq On : 25 Mar 2019 23:50

Operator : JC/SP

Sample : K2070-07DL 5X

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 23 Sample Multiplier: 1

Instrument :

MSVOA_U

ClientSampleId :

C09C6DL

Manual Integrations

APPROVED

MMDadoda

3/26/2019 1:37:23 PM

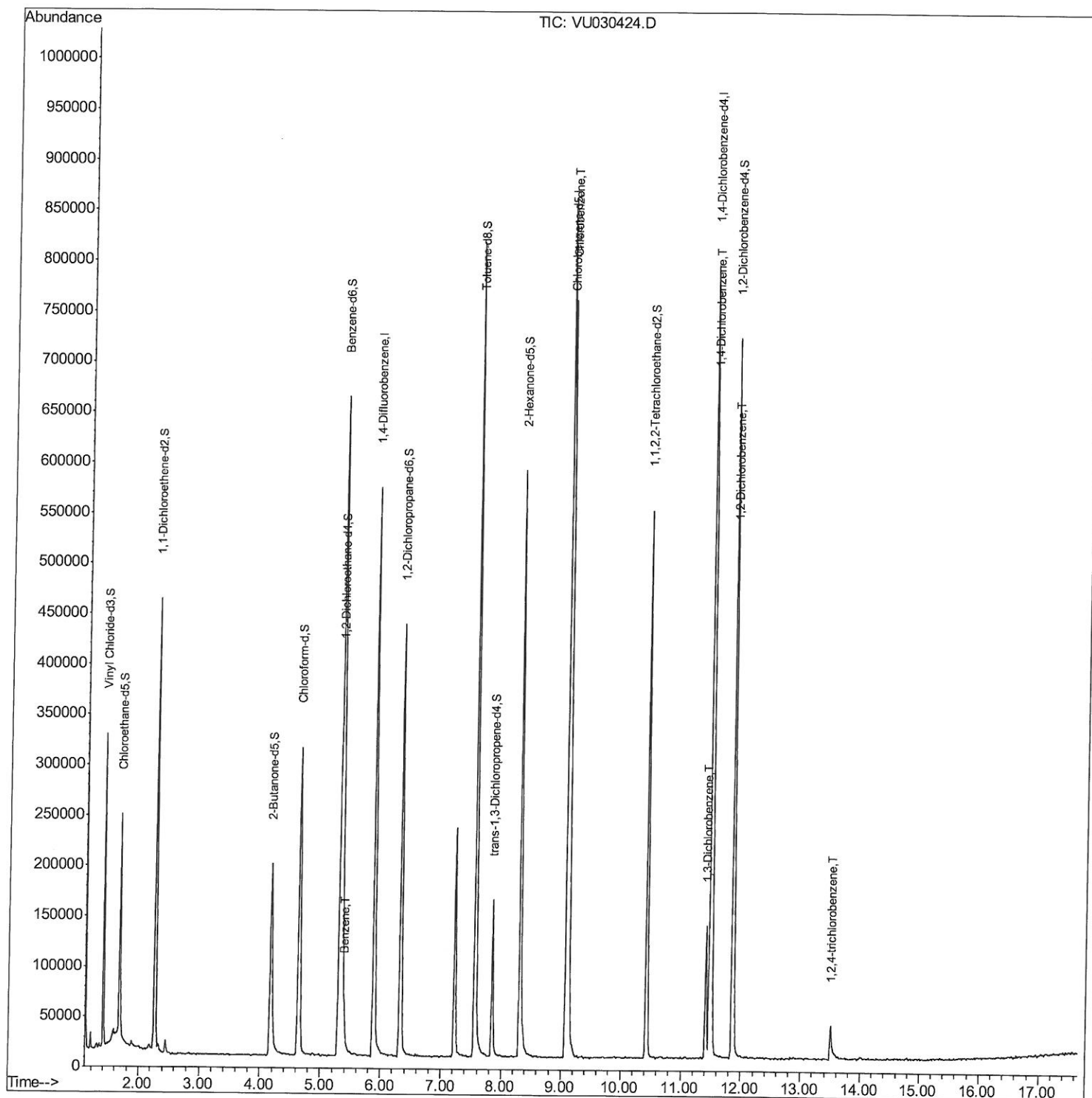
Quant Time: Mar 26 04:33:12 2019

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



'19/3/27

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Qedit)

Data File : VU030423.D

Acq On : 25 Mar 2019 23:26

Operator : JC/SP

Sample : K2070-05DL 5X

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 01:33:27 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

Instrument :

MSVOA_U

ClientSampleId :

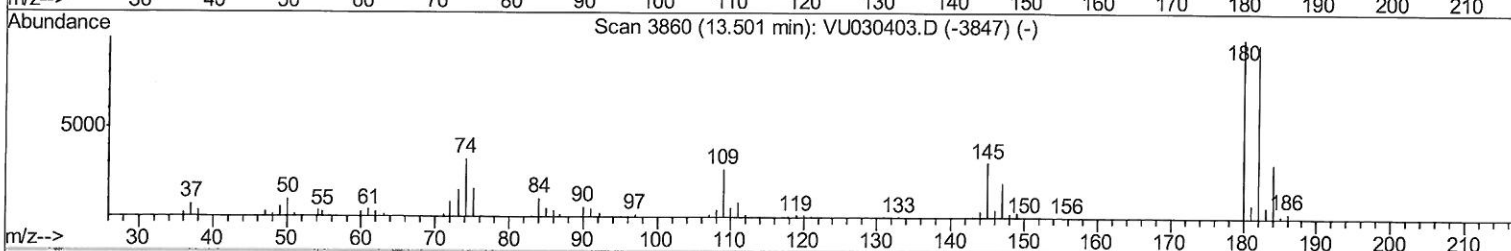
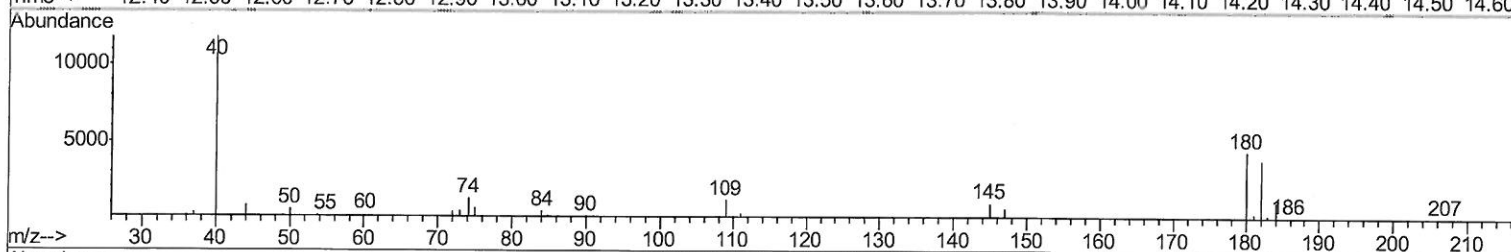
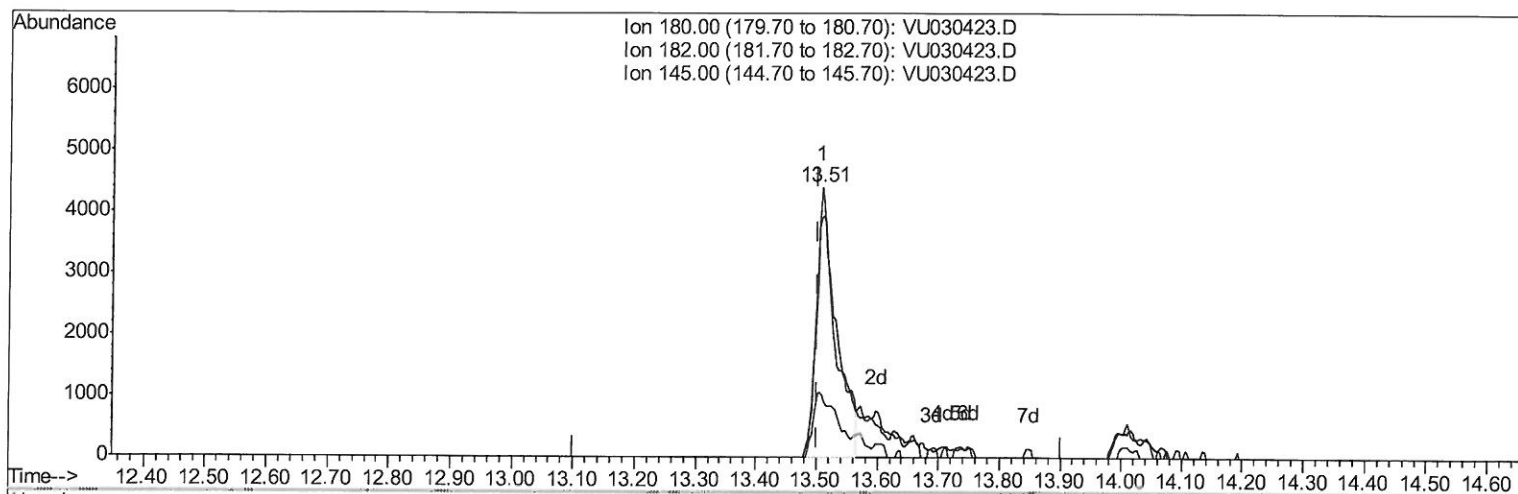
C09C6DL

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3/26/2019 1:37:23 PM



TIC: VU030423.D

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

13.508min (+0.006) 2.55ug/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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Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 22 Sample Multiplier: 1

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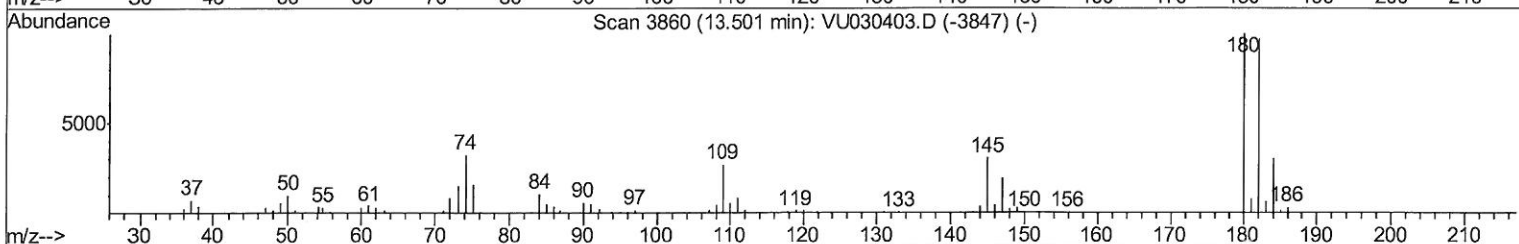
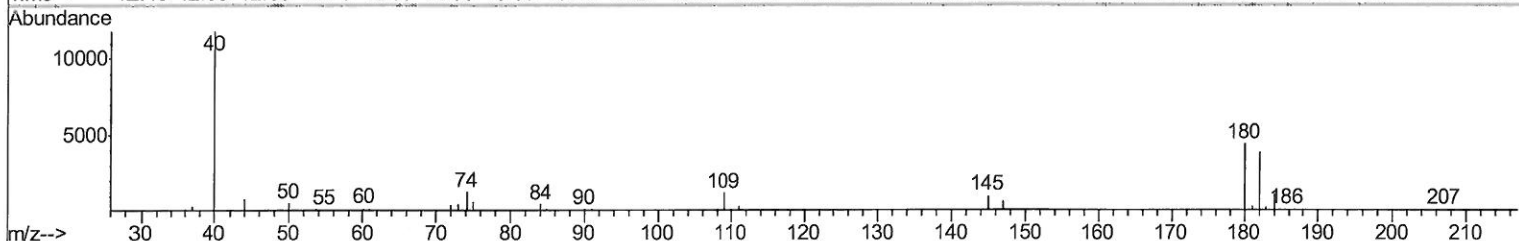
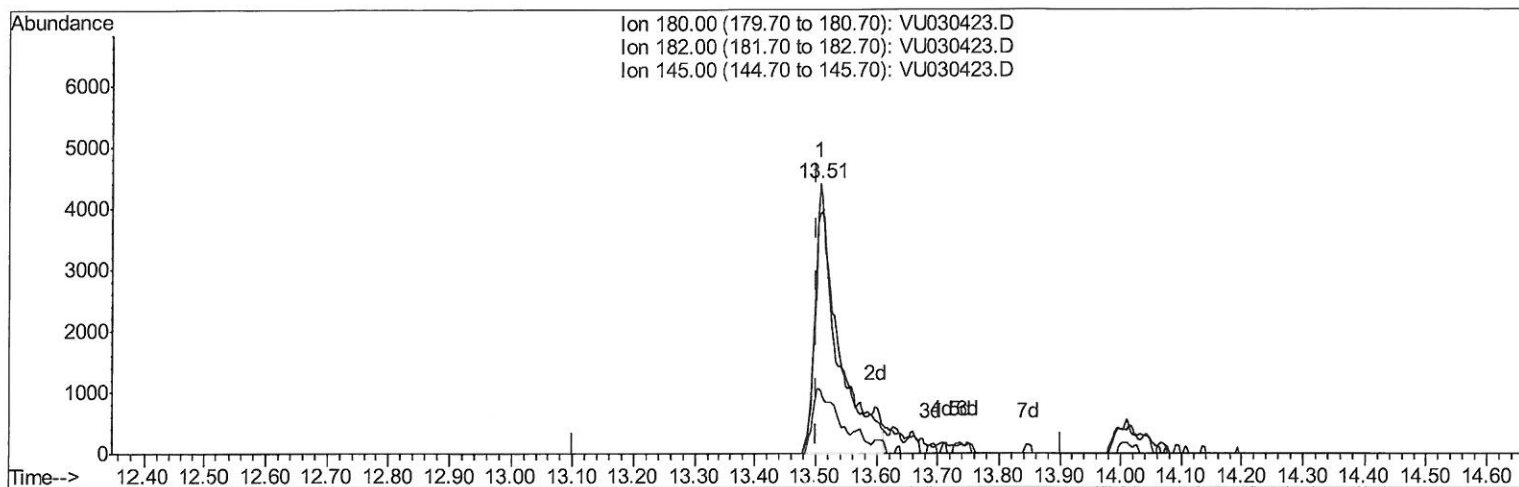
C09C6DL

Manual Integrations

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MMDadoda

3/26/2019 1:37:23 PM



TIC: VU030423.D

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

13.508min (+0.006) 3.01ug/L m

response 11712

*7 mg
3/27/19*

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

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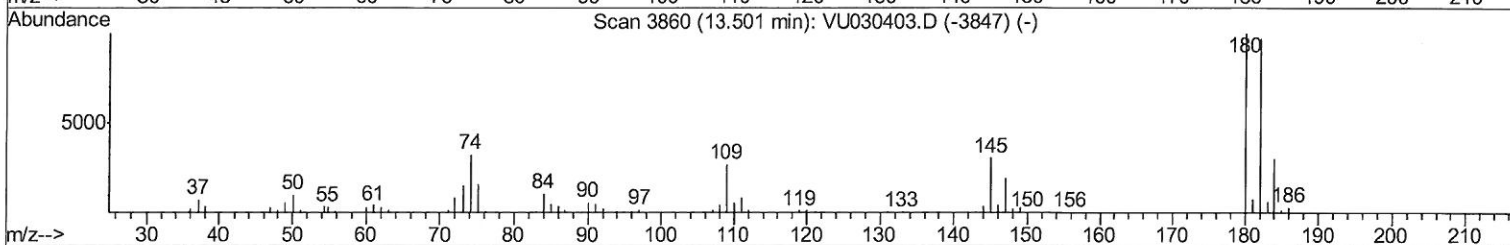
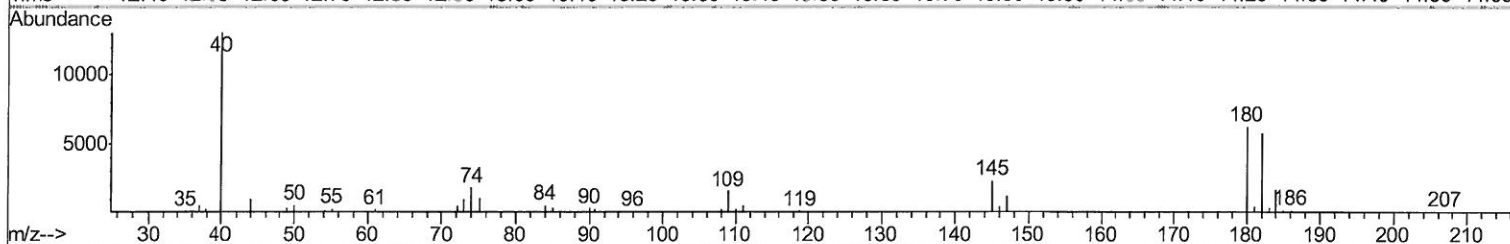
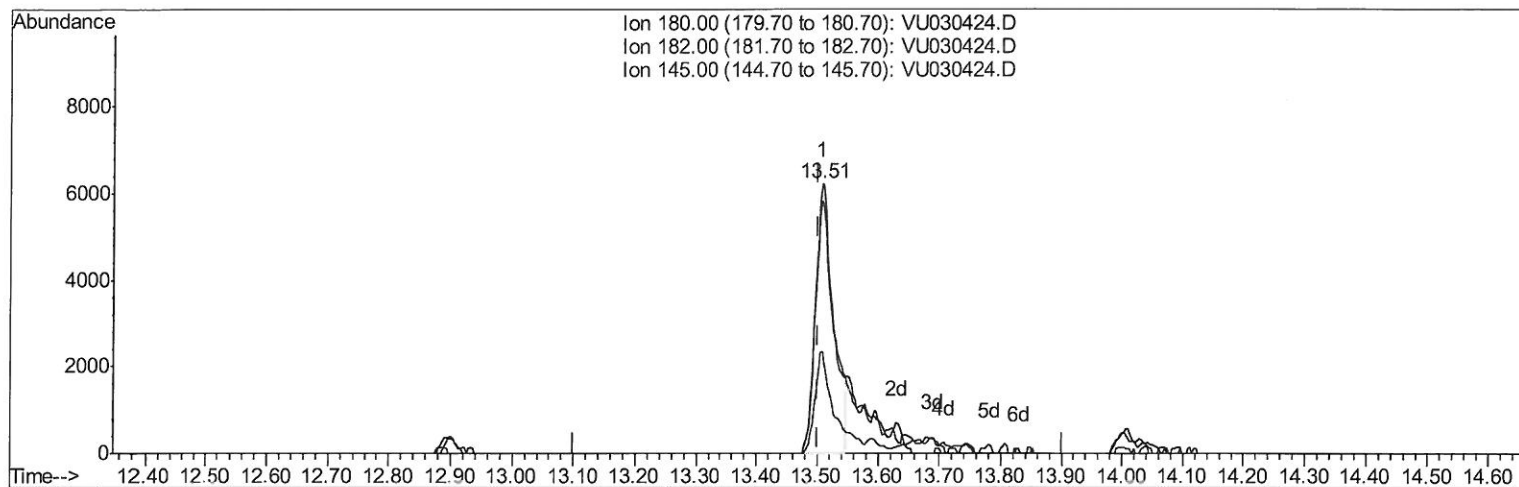
Quant Time: Mar 26 01:33:41 2019

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

Quant Title : VOC Analysis

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

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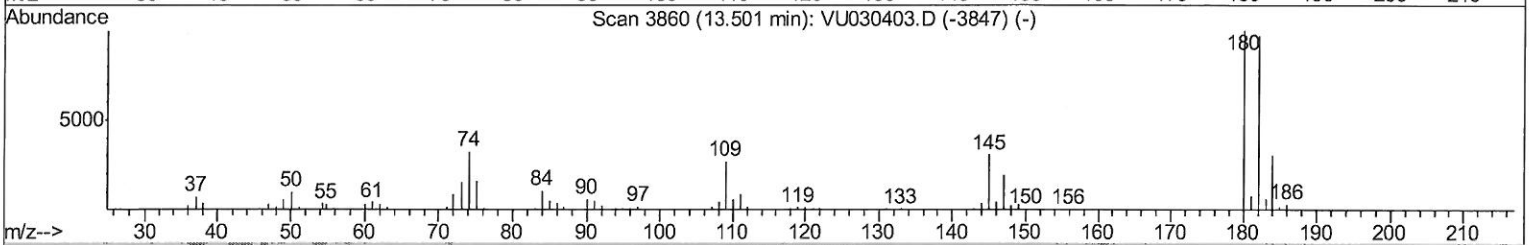
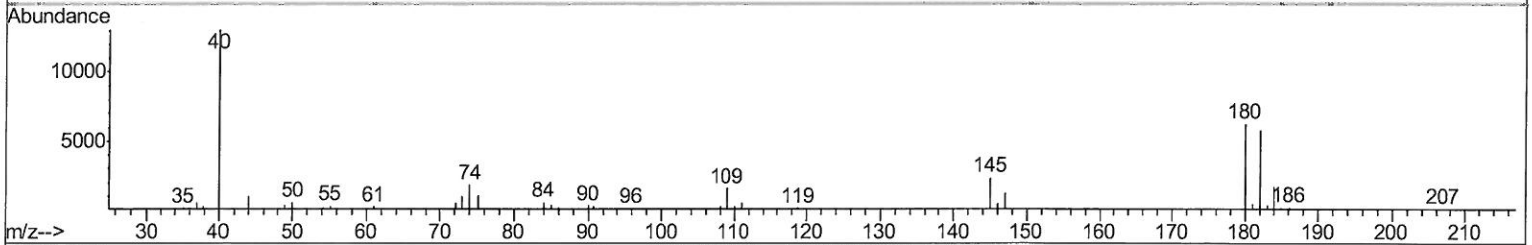
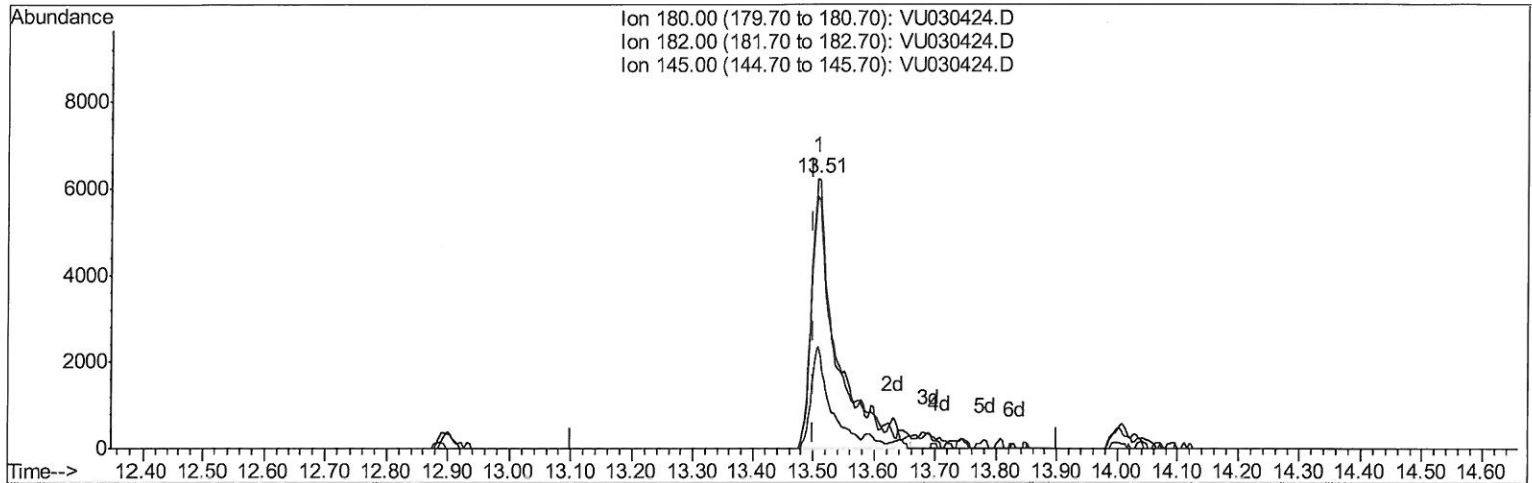
(68) 1,2,4-trichlorobenzene (T)

13.508min (+0.006) 3.34ug/L

response 12784

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	108.90
145.00	30.60	40.97#
0.00	0.00	0.00

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TIC: VU030424.D

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

13.508min (+0.006) 4.73ug/L m

response 18113

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	76.86
145.00	30.60	28.91
0.00	0.00	0.00

7MB
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180019	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	194935	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.78%	
7) Chloroethane-d5	1.68	69	153754	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.26%	
11) 1,1-Dichloroethene-d2	2.27	63	263187	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 75.28%	
21) 2-Butanone-d5	4.17	46	327647	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 94.56%	
24) Chloroform-d	4.64	84	307207	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.74%	
26) 1,2-Dichloroethane-d4	5.31	65	205294	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.80%	
32) Benzene-d6	5.34	84	636532	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.64%	
36) 1,2-Dichloropropane-d6	6.33	67	220663	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.96%	
41) Toluene-d8	7.56	98	546723	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.24%	
43) trans-1,3-Dichloropropene-	7.85	79	92054	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.46%	
47) 2-Hexanone-d5	8.31	63	201516	85.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 85.92%	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285224	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 92.10%	
64) 1,2-Dichlorobenzene-d4	11.86	152	181241	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.50%	

Target Compounds					Qvalue
33) Benzene	5.39	78	37804	2.518	ug/L 100
51) Chlorobenzene	9.12	112	372614	39.451	ug/L 97
62) 1,3-Dichlorobenzene	11.41	146	54273	9.219	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	206663	34.099	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	48969	8.226	ug/L 96
68) 1,2,4-trichlorobenzene	13.51	180	18113m	4.730	ug/L

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

MO
3/27/19