

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU032419\

Data File : VU030378.D

Acq On : 24 Mar 2019 18:11

Operator : JC/SP

Sample : K2016-12

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 06 00:05:30 2019

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

Quant Title : VOC Analysis

QLast Update : Mon Mar 25 03:20:51 2019

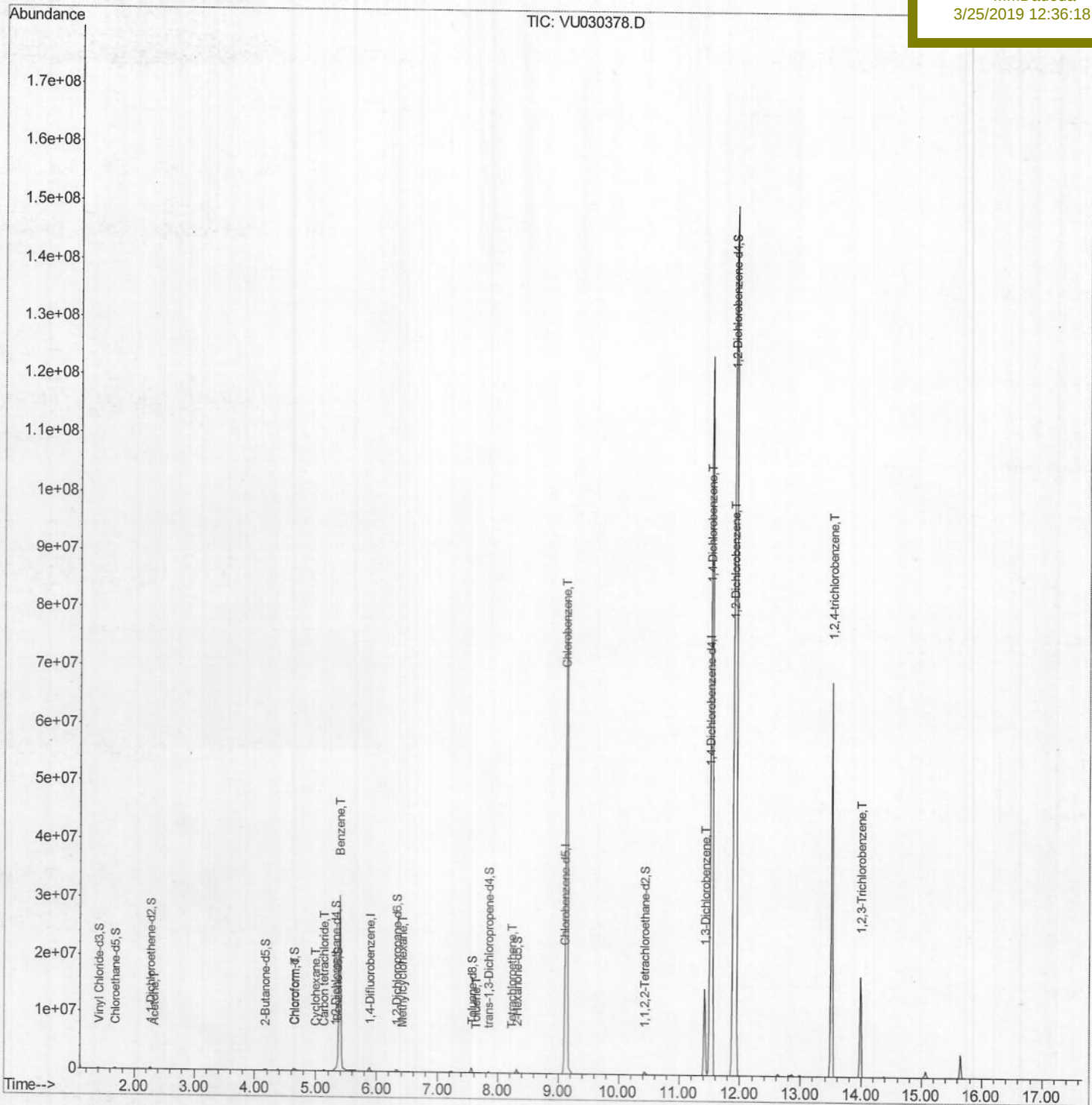
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

C0989

Manual Integrations
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3/25/2019 12:36:18 PM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

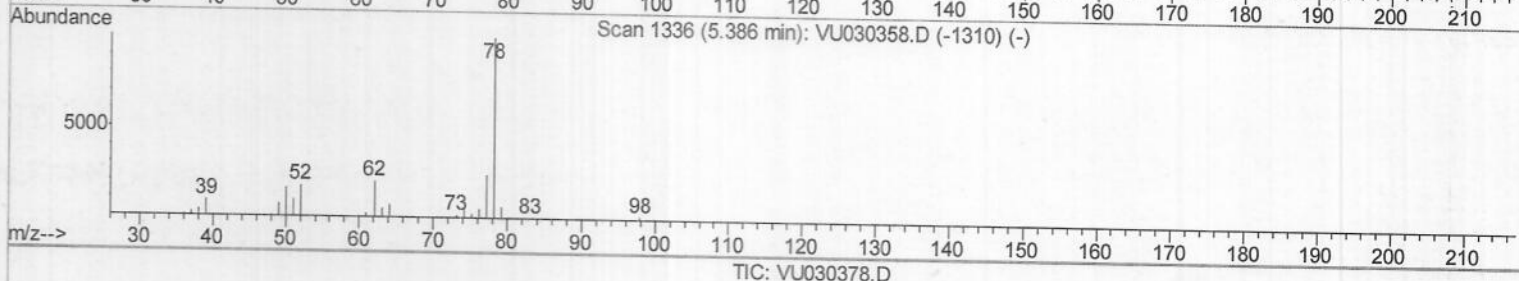
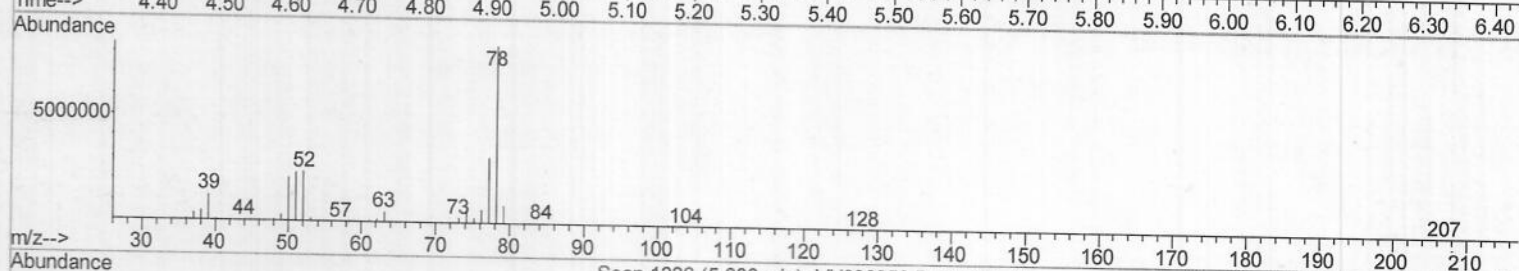
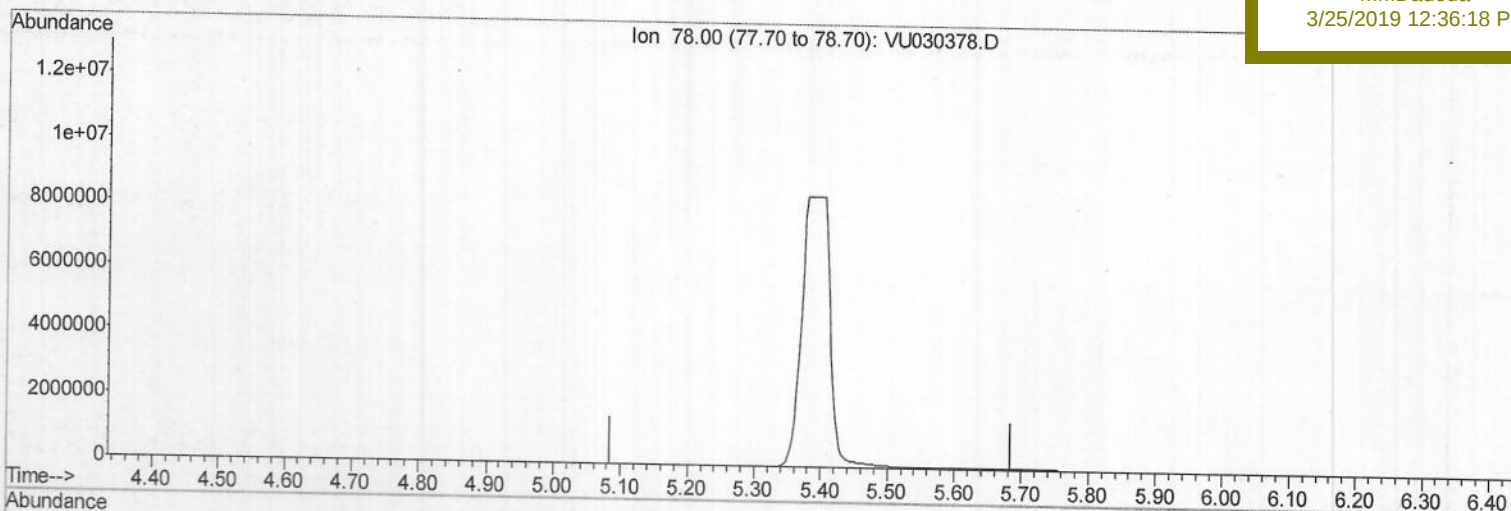
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Quant Time: Mar 25 03:26:56 2019
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Manual Integrations
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TIC: VU030378.D

(33) Benzene (T)

5.386min (-5.386) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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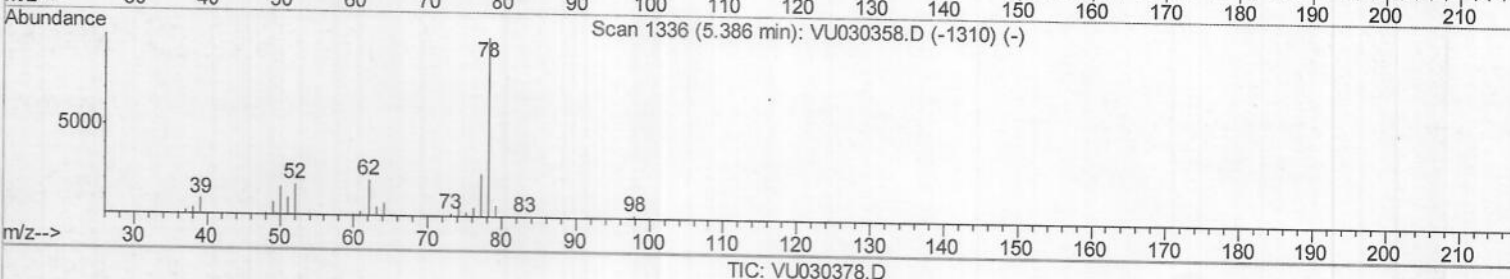
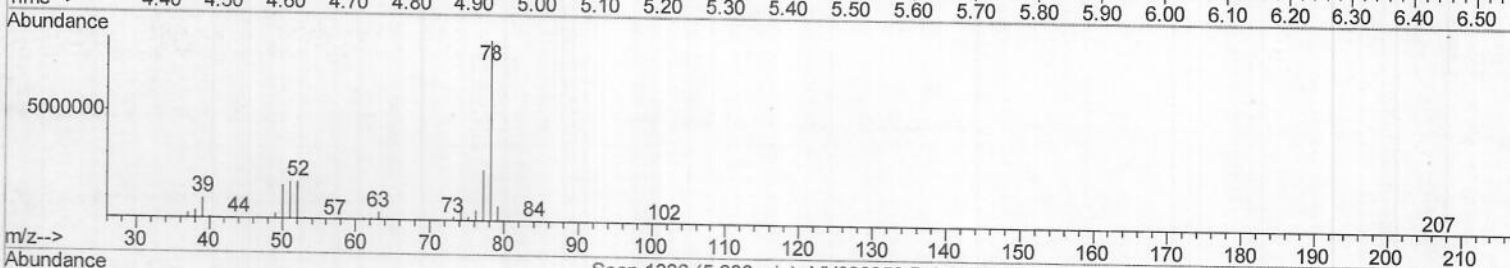
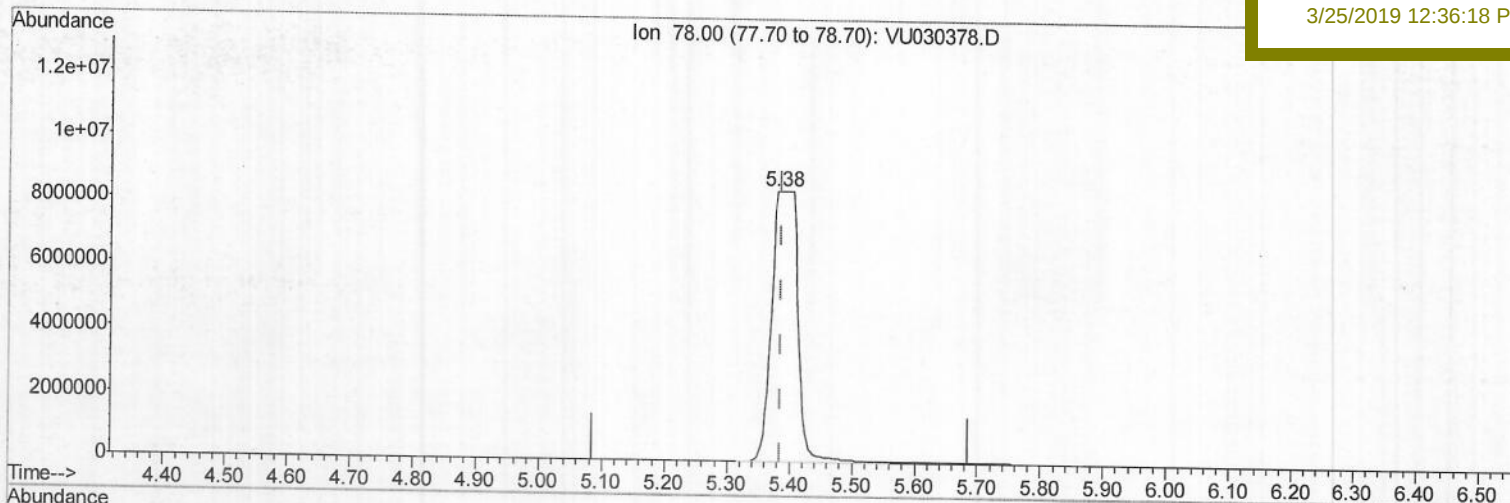
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TIC: VU030378.D

(33) Benzene (T)

5.379min (-0.006) 1653.06ug/L m

response 24665582

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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Operator : JC/SP

Sample : K2016-12

Misc : 5.0mL/MSVOA_U/WATER

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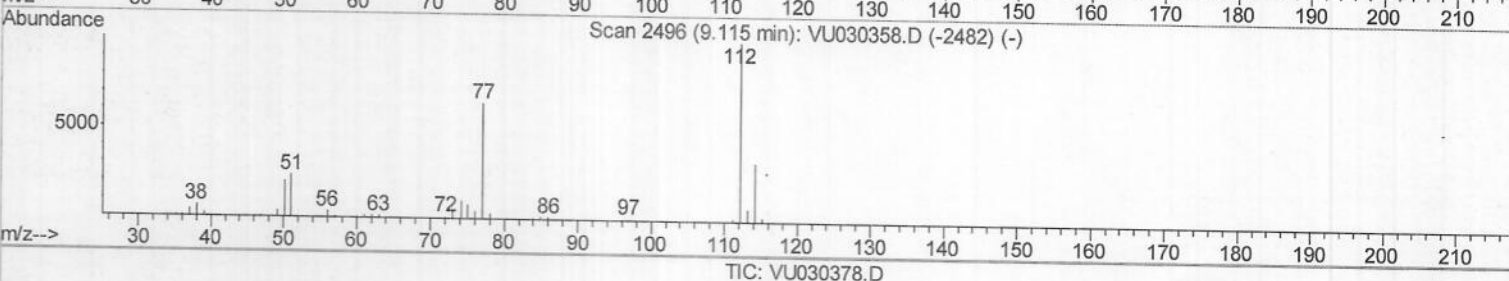
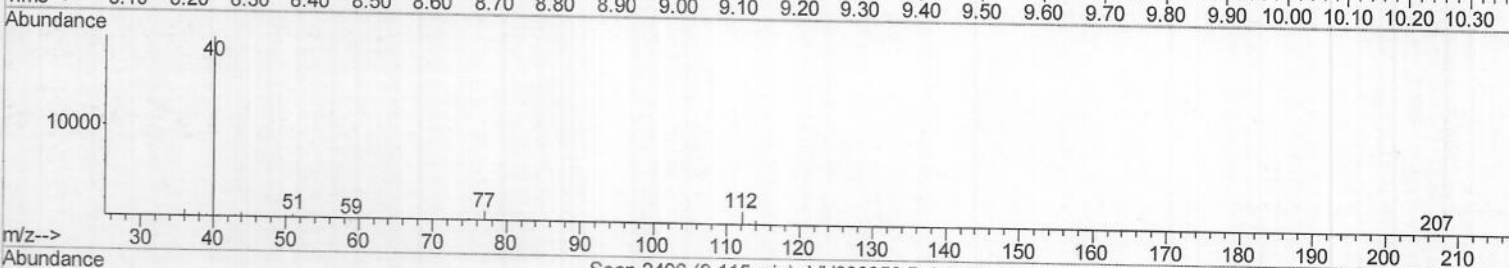
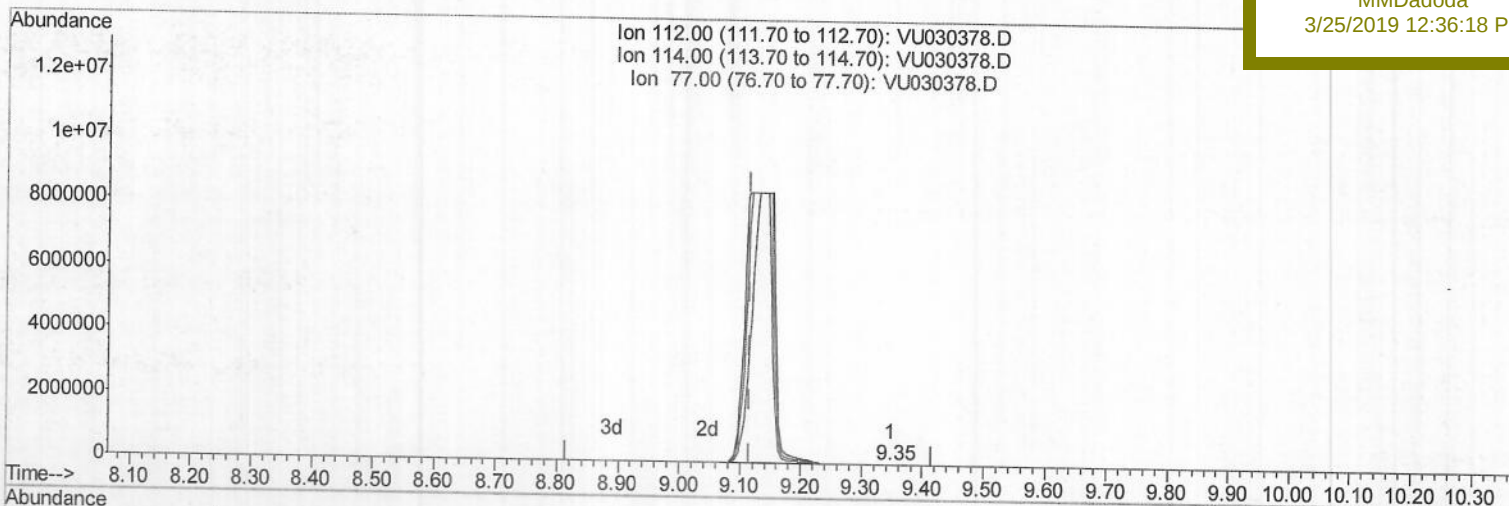
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Manual Integrations

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(51) Chlorobenzene (T)

9.347min (+0.231) 0.04ug/L

response 340

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	34.10
77.00	64.20	72.52
0.00	0.00	0.00

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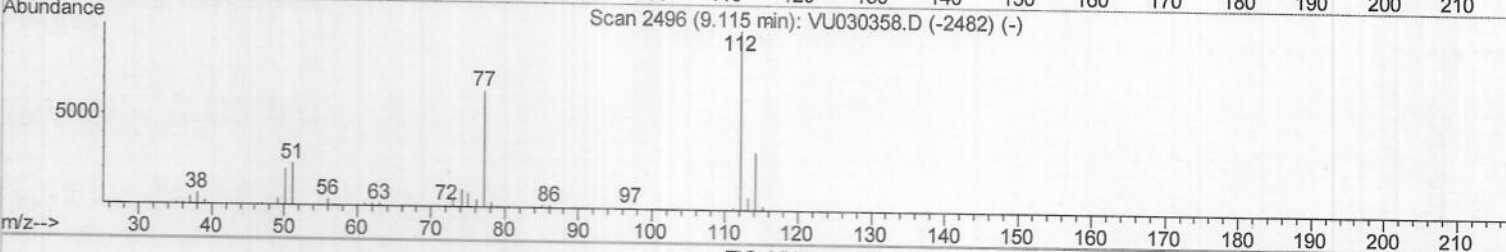
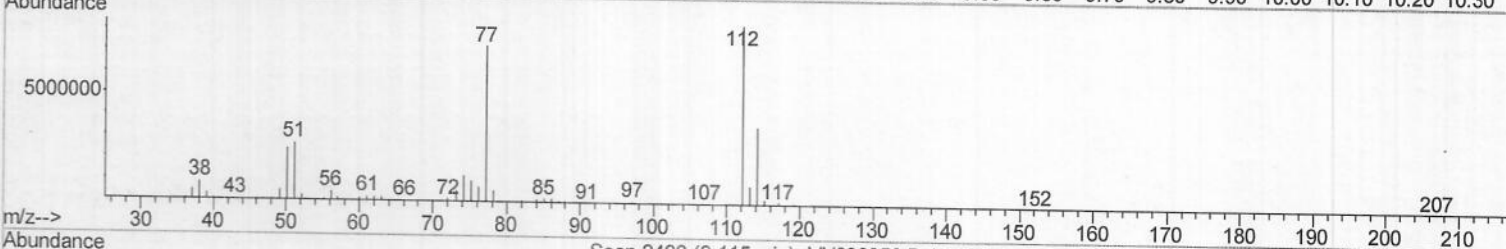
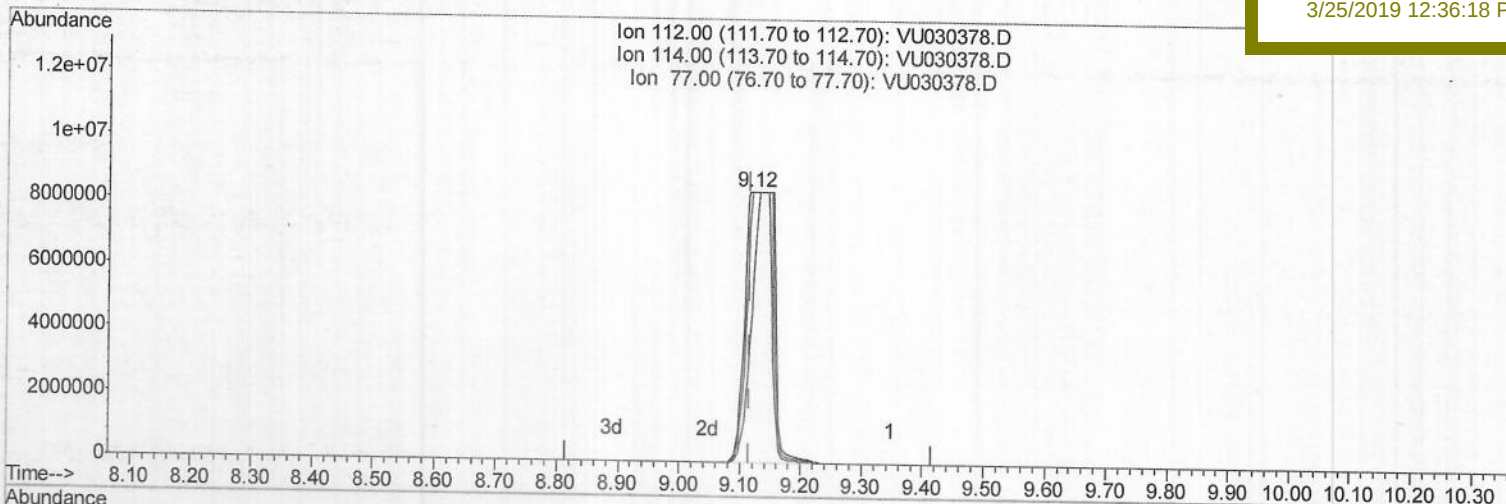
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Manual Integrations

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TIC: VU030378.D

(51) Chlorobenzene (T)

9.115min (-0.000) 3016.28ug/L m

response 28308553

Ion	Exp%	Act%
112.00	100	100
114.00	30.70	43.11#
77.00	64.20	87.15#
0.00	0.00	0.00

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Quantitation Report (Qedit)

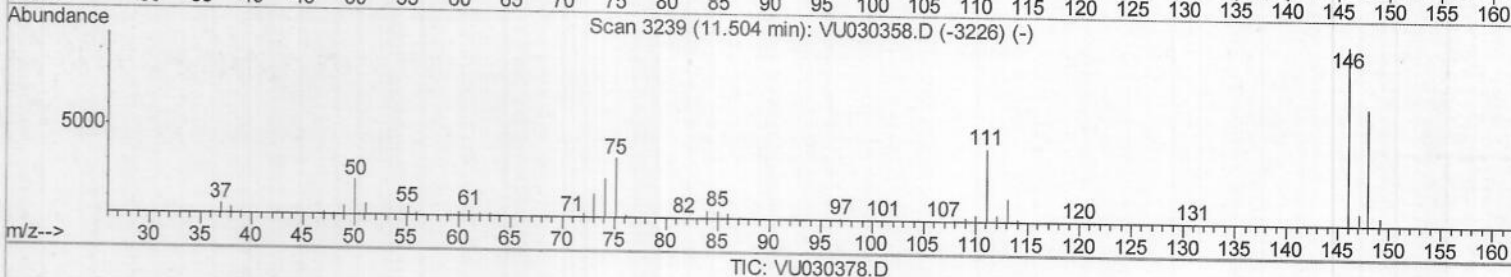
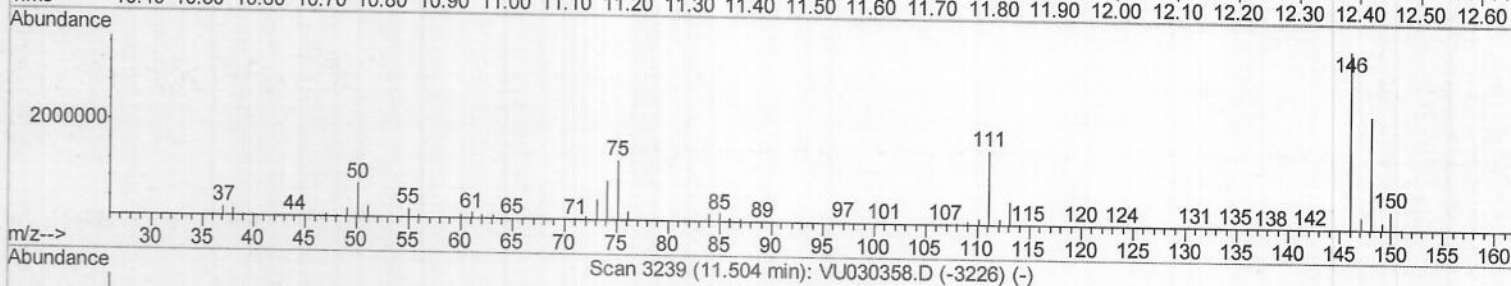
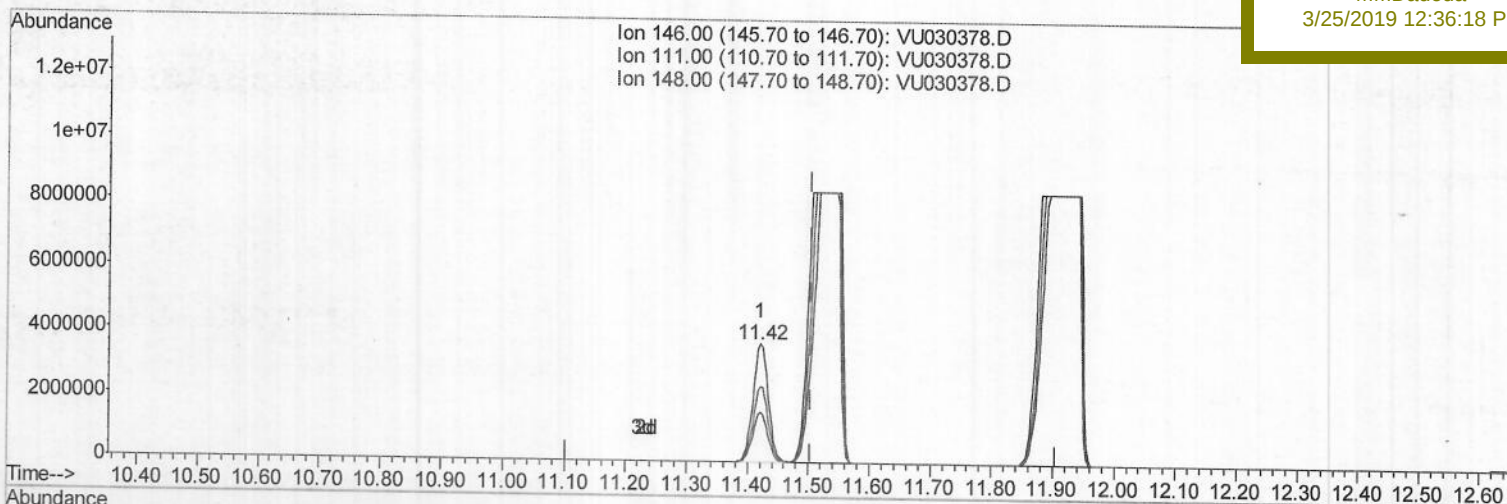
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ClientSampleId :
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Manual Integrations
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(63) 1,4-Dichlorobenzene (T)

11.421min (-0.084) 759.38ug/L

response 6423317

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	41.94
148.00	63.30	63.82
0.00	0.00	0.00

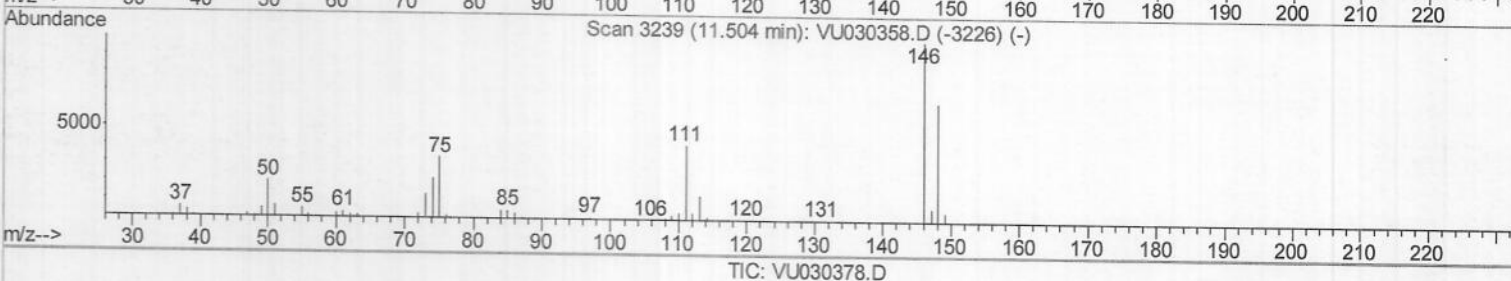
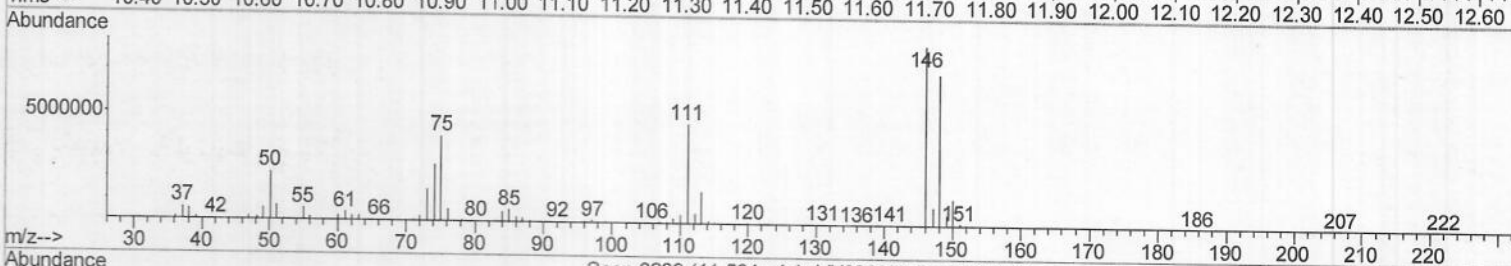
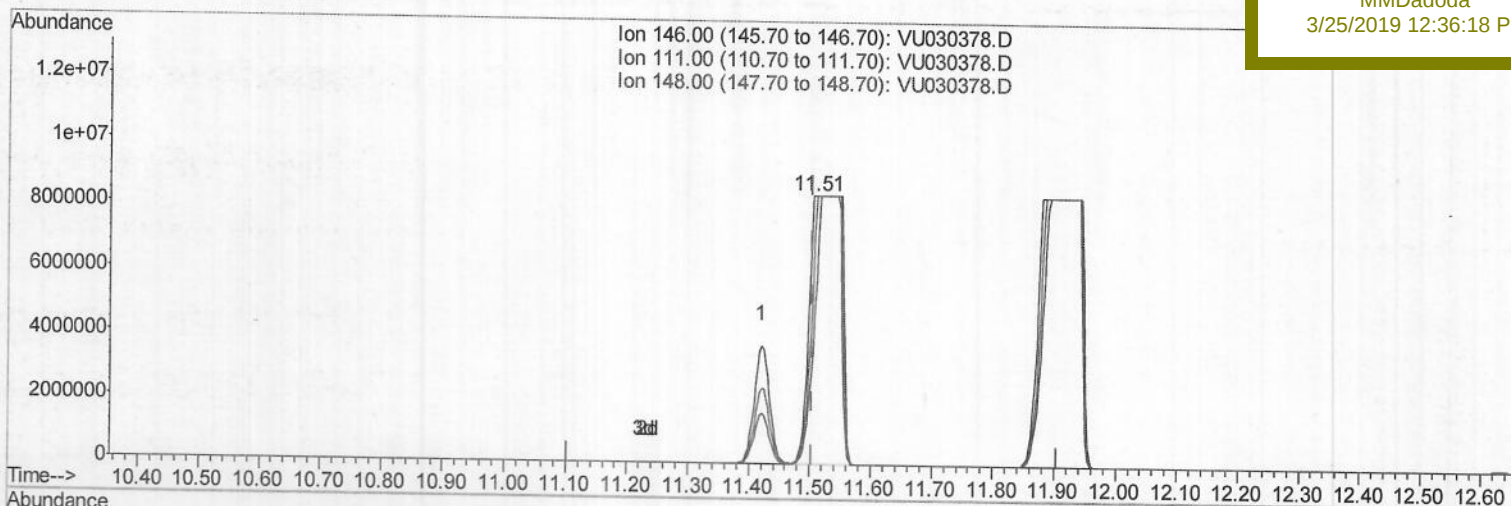
Data File : VU030378.D
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Operator : JC/SP
Sample : K2016-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations
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(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 3634.91ug/L m

response 30746483

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	55.44#
148.00	63.30	84.33#
0.00	0.00	0.00

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3/29/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Qedit)

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Operator : JC/SP

Sample : K2016-12

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 22 Sample Multiplier: 1

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Quant Title : VOC Analysis

QLast Update : Mon Mar 25 03:20:51 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampled :

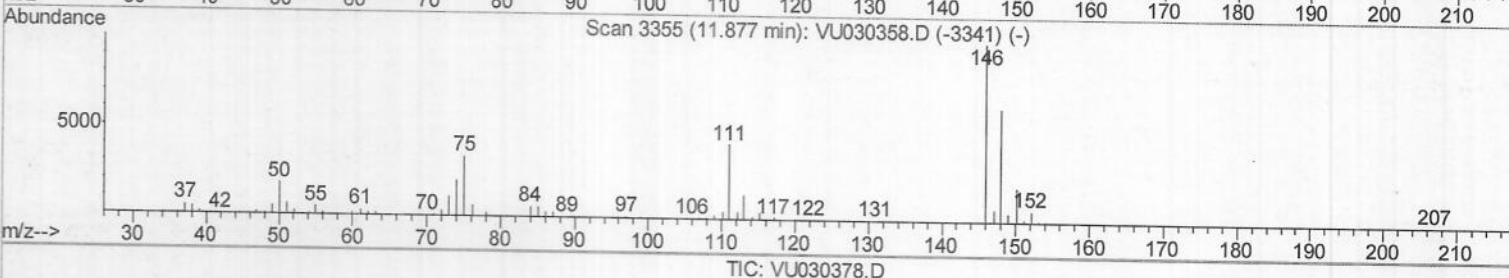
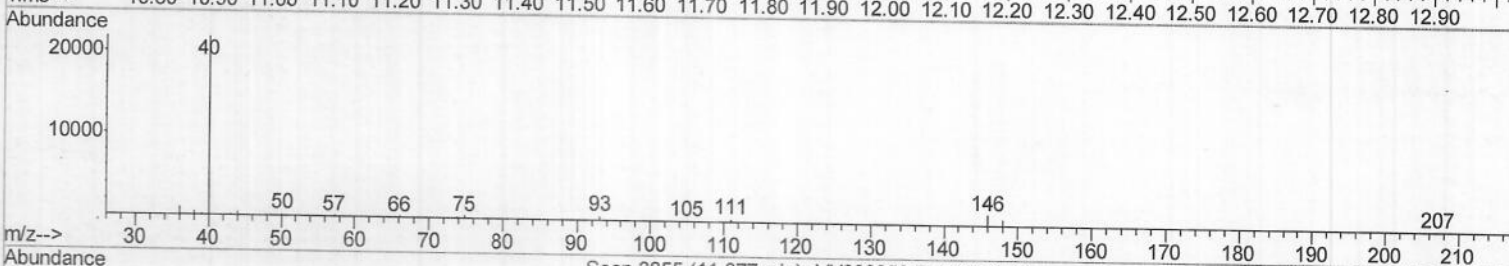
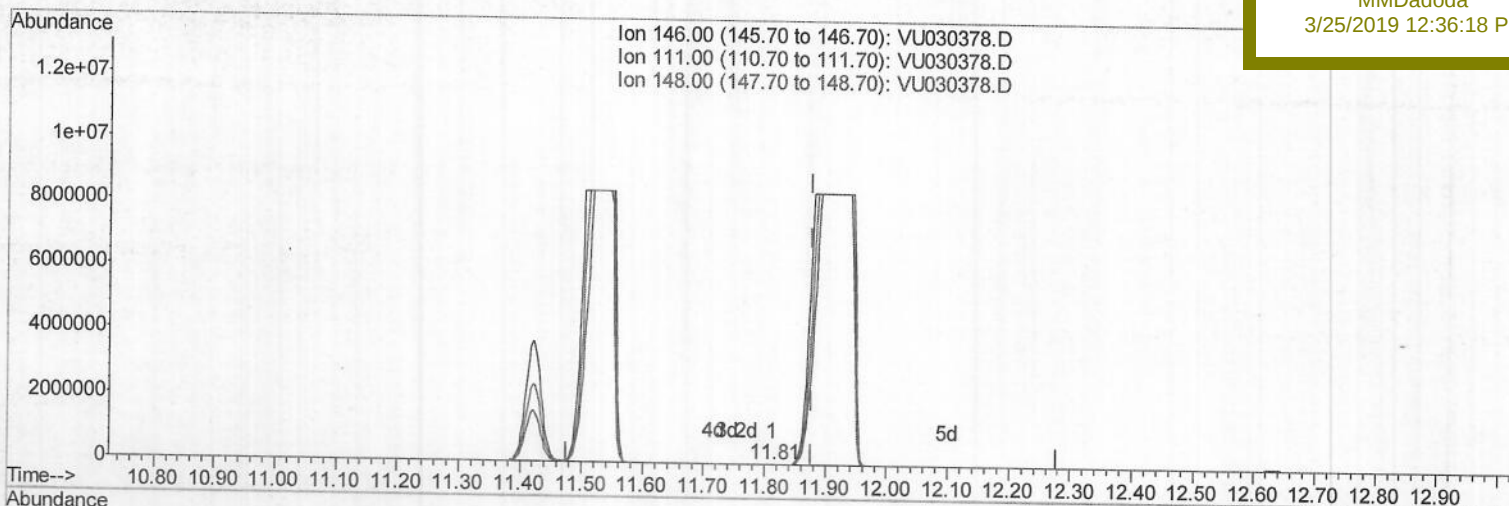
C0989

Manual Integrations

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(65) 1,2-Dichlorobenzene (T)

11.813min (-0.064) 0.04ug/L

response 304

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	30.50#
148.00	64.00	59.77
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

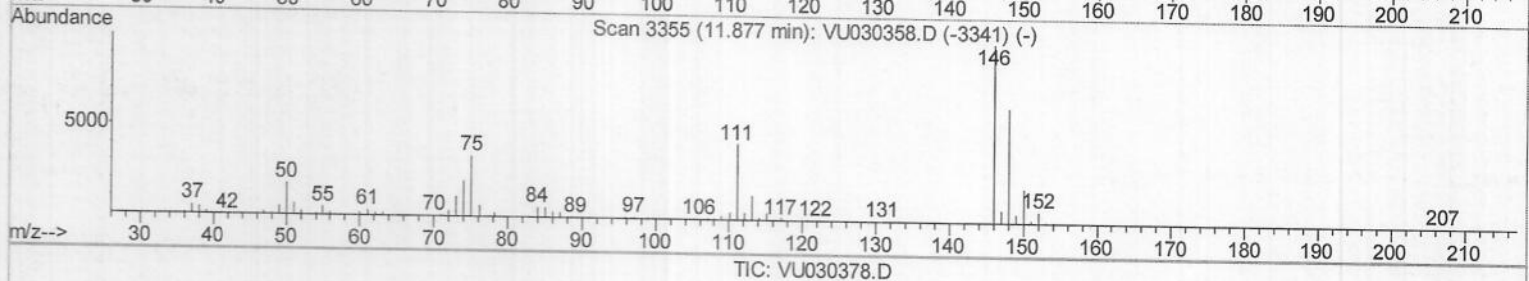
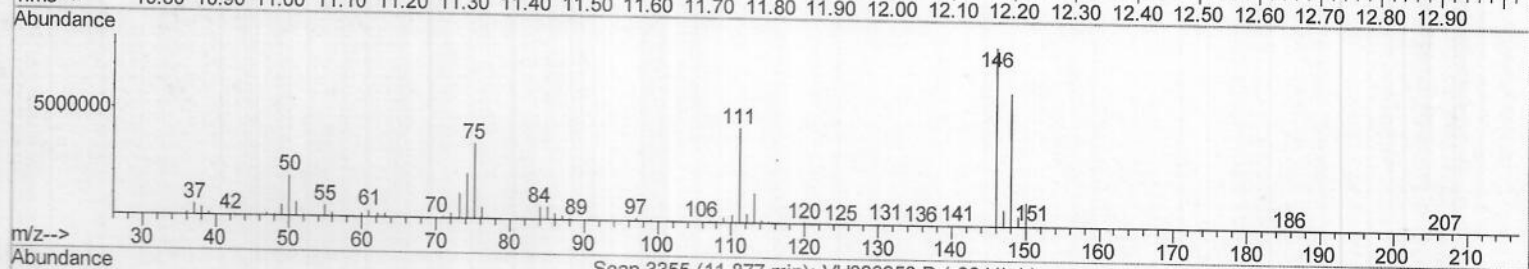
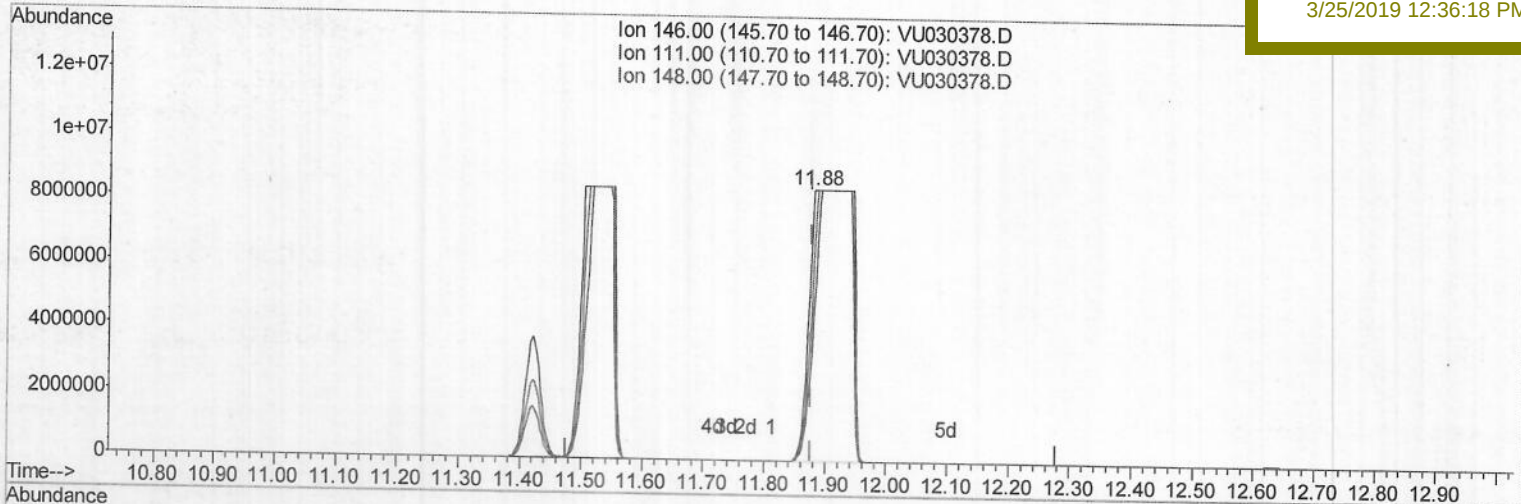
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ClientSampleId :
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Manual Integrations
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(65) 1,2-Dichlorobenzene (T)

11.881min (+0.003) 4817.91ug/L m

response 40028018

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	52.69#
148.00	64.00	73.83
0.00	0.00	0.00

M.D
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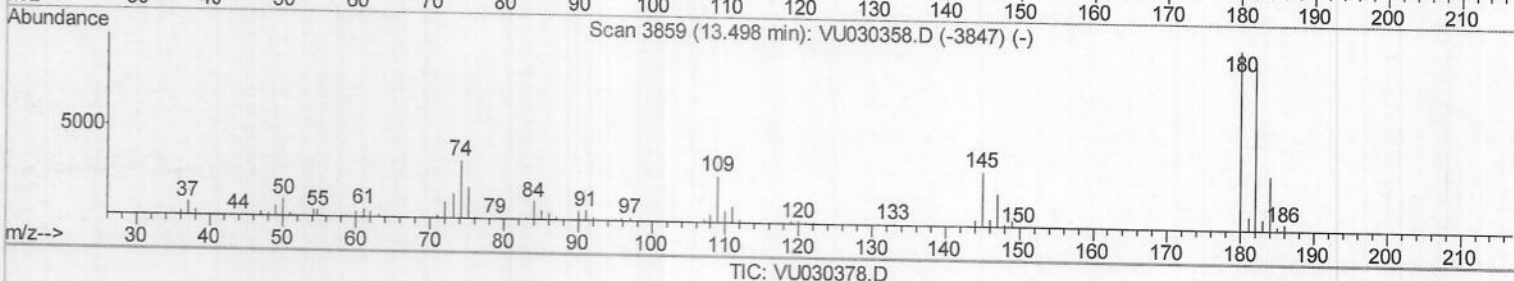
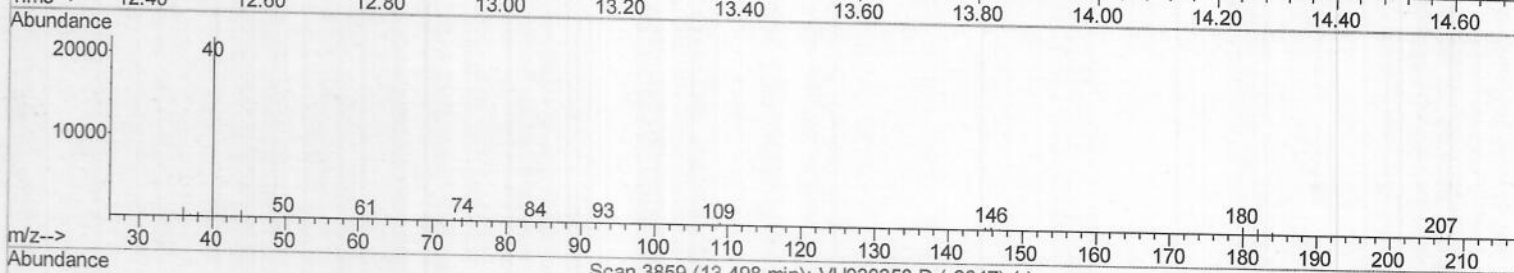
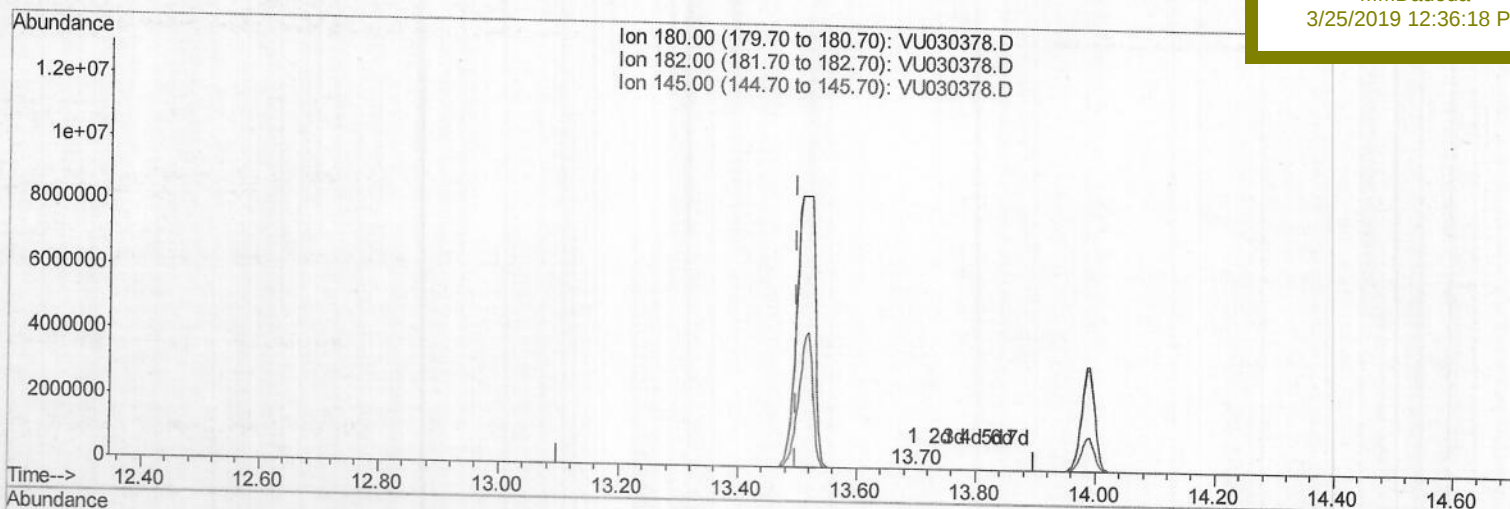
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(68) 1,2,4-trichlorobenzene (T)

13.697min (+0.199) 0.01ug/L

response 71

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	0.00#
145.00	30.60	83.10#
0.00	0.00	0.00

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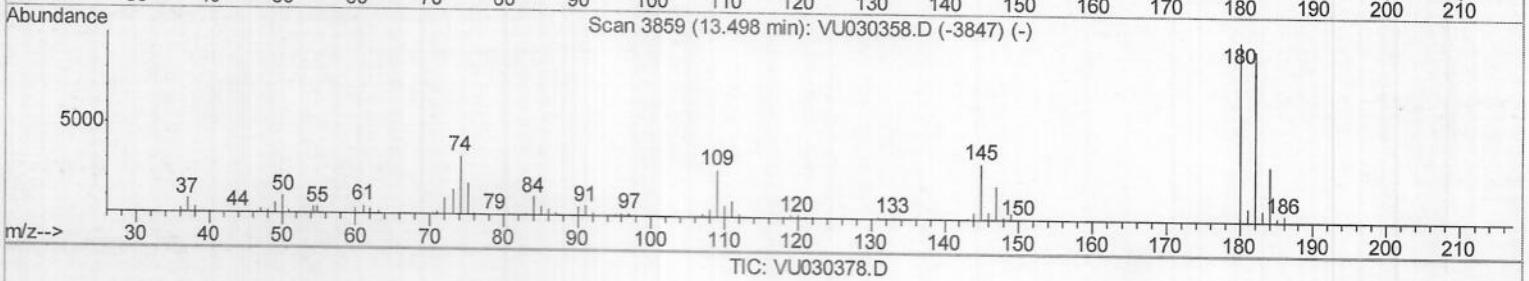
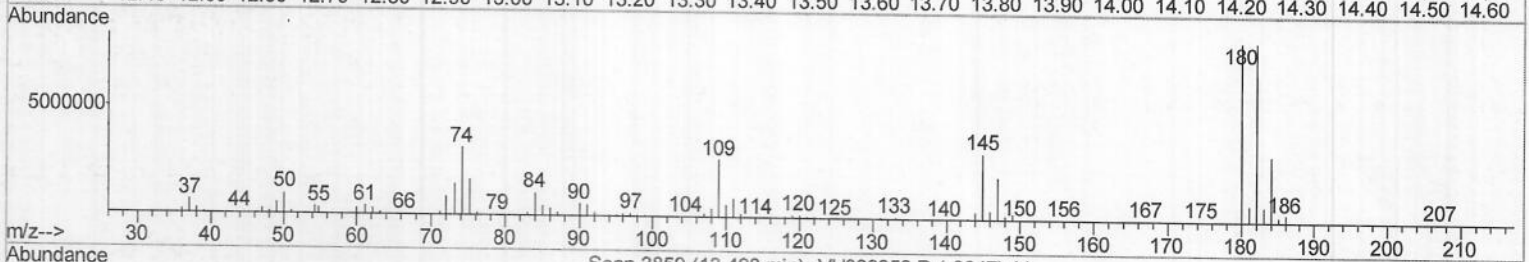
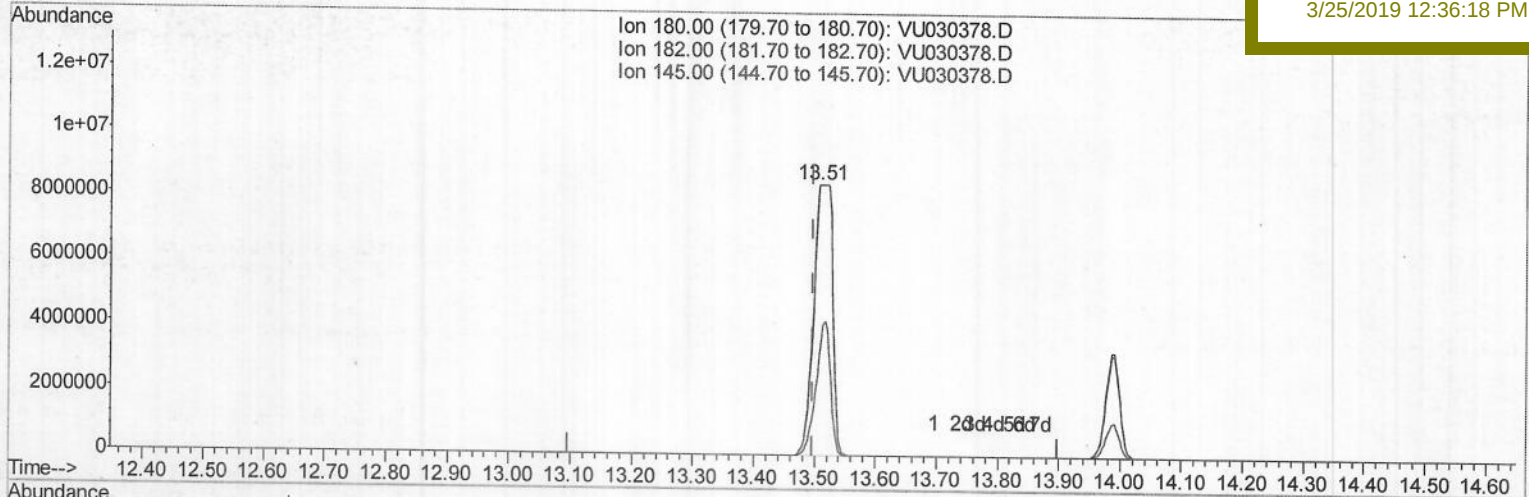
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Manual Integrations
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(68) 1,2,4-trichlorobenzene (T)

13.507min (+0.010) 3413.45ug/L m

response 18243225

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	438329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.50	152	251248	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135964	38.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.14%		
7) Chloroethane-d5	1.68	69	113209	40.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.00%		
11) 1,1-Dichloroethene-d2	2.27	63	199613	29.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.94%#		
21) 2-Butanone-d5	4.17	46	298822	89.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.01%		
24) Chloroform-d	4.64	84	268953	43.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.42%		
26) 1,2-Dichloroethane-d4	5.31	65	182445	45.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.62%		
32) Benzene-d6	5.34	84	566499	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.14%		
36) 1,2-Dichloropropane-d6	6.33	67	196402	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.34%		
41) Toluene-d8	7.56	98	510661	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.46%		
43) trans-1,3-Dichloropropene-	7.85	79	82768	40.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.86%		
47) 2-Hexanone-d5	8.31	63	202701	86.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.98%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271184	44.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.12%		
64) 1,2-Dichlorobenzene-d4	11.90	152	265287	52.70	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.40%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	14819	4.365 ug/L	98
25) Chloroform	4.67	83	42462	6.535 ug/L	97
29) Cyclohexane	4.99	56	13374	2.016 ug/L	99
31) Carbon tetrachloride	5.13	117	68244	15.001 ug/L	96
33) Benzene	5.38	78	24665582m	1653.060 ug/L	# 81 100 90 100 100
35) Methylcyclohexane	6.41	83	7941	1.316 ug/L	
42) Toluene	7.64	91	9414	0.608 ug/L	
46) Tetrachloroethene	8.23	164	5656	2.208 ug/L	
51) Chlorobenzene	9.12	112	28308553m	3016.276 ug/L	
62) 1,3-Dichlorobenzene	11.42	146	6423317	781.759 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	30746483m	3634.911 ug/L	
65) 1,2-Dichlorobenzene	11.88	146	40028018m	4817.910 ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	18243225m	3413.452 ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	5090402	901.985 ug/L	100

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