

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\

Data File : VU030354.D

Acq On : 23 Mar 2019 20:44

Operator : JC/SP

Sample : K2063-04

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 24 12:33:15 2019

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

Quant Title : VOC Analysis

QLast Update : Sun Mar 24 02:05:17 2019

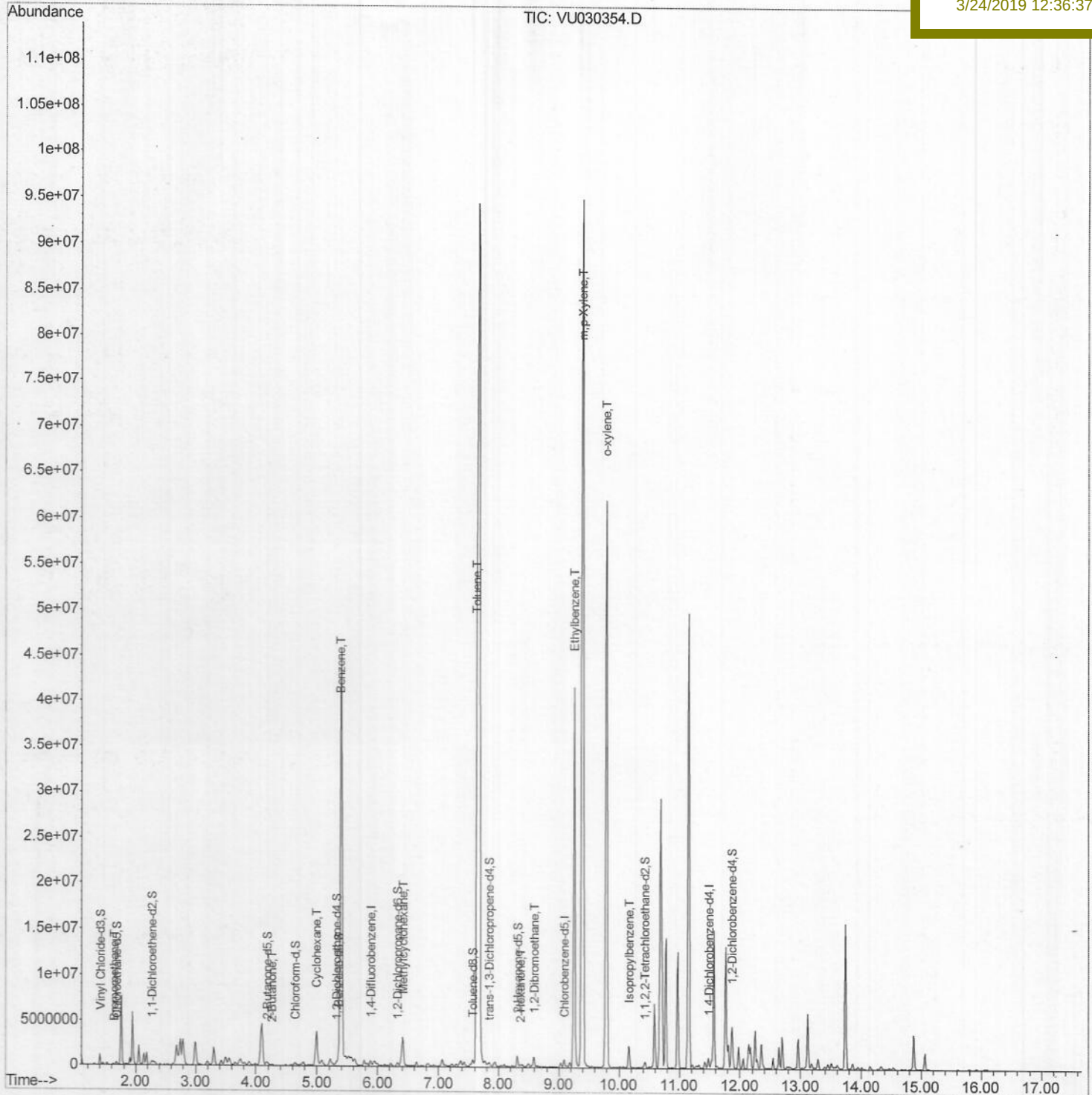
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

DB6R6

Manual Integrations
APPROVEDMMDadoda
3/24/2019 12:36:37 PM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Quantitation Report (Qedit)

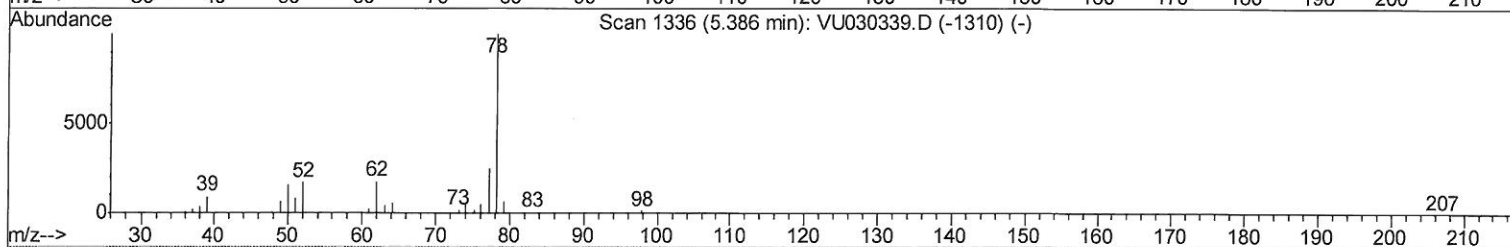
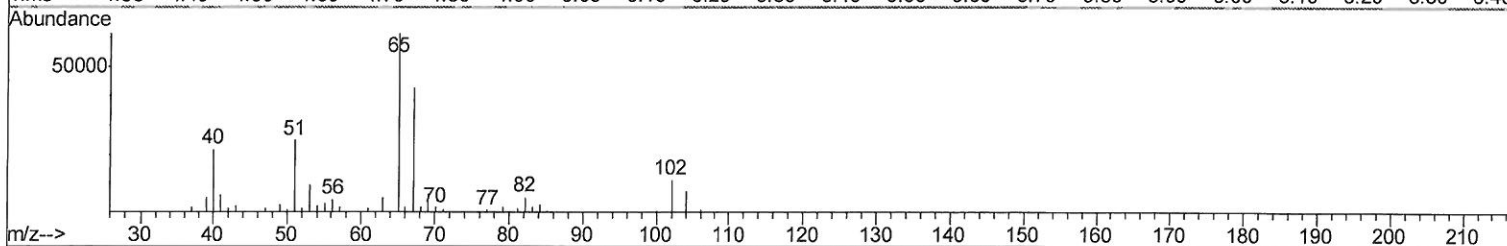
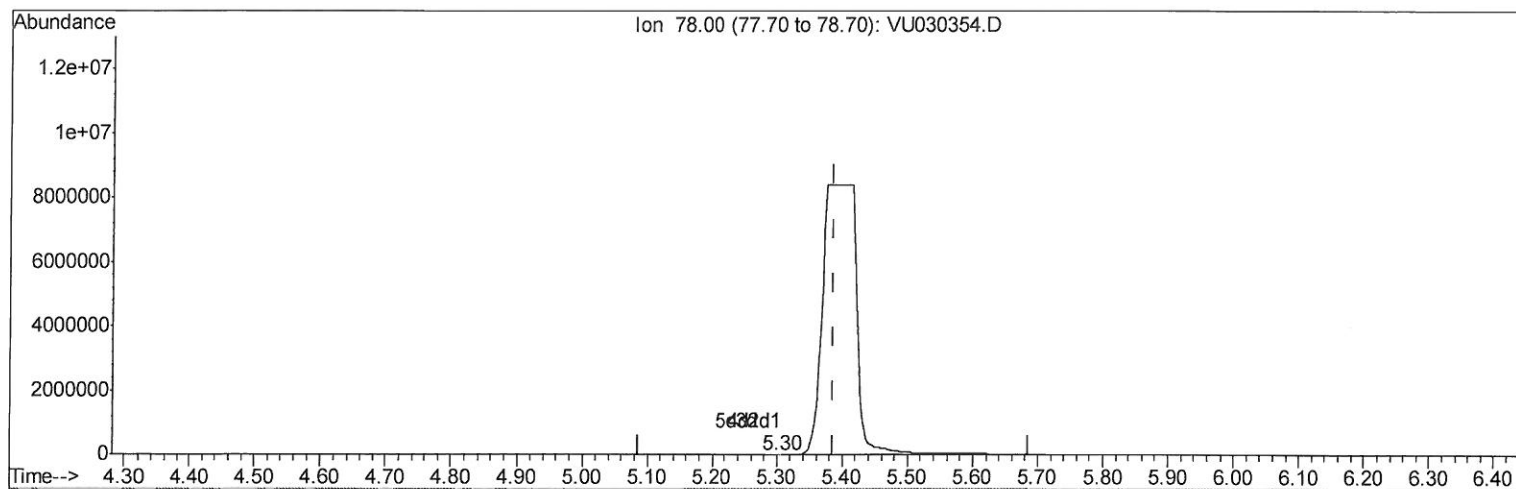
Data File : VU030354.D
Acq On : 23 Mar 2019 20:44
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
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3/24/2019 12:36:37 PM

Quant Time: Mar 24 02:13:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
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QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration



TIC: VU030354.D

(33) Benzene (T)

5.299min (-0.087) 0.02ug/L

response 265

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Quantitation Report (Qedit)

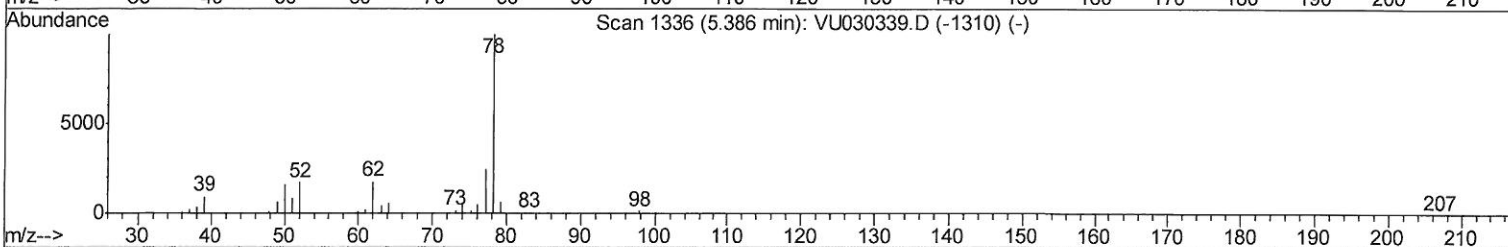
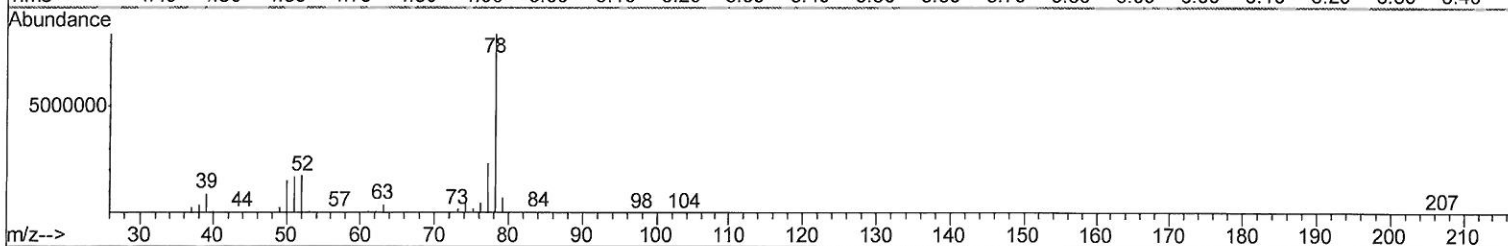
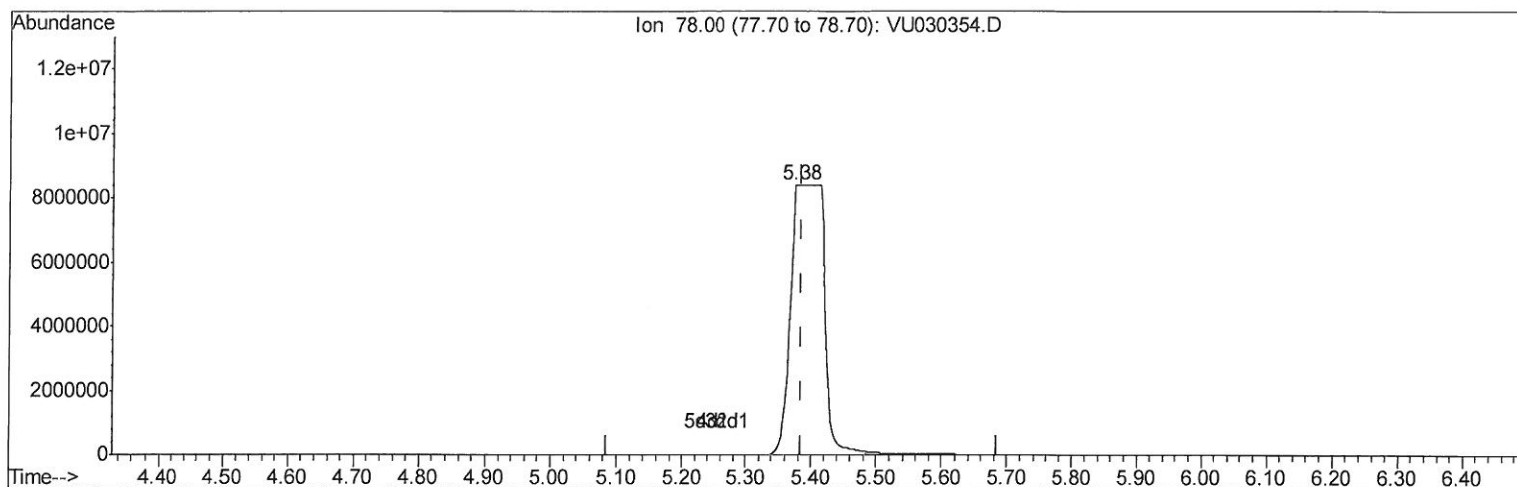
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: VU030354.D

(33) Benzene (T)

5.376min (-0.010) 1852.91ug/L m

response 29497966

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

7 mg
3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Quantitation Report (Qedit)

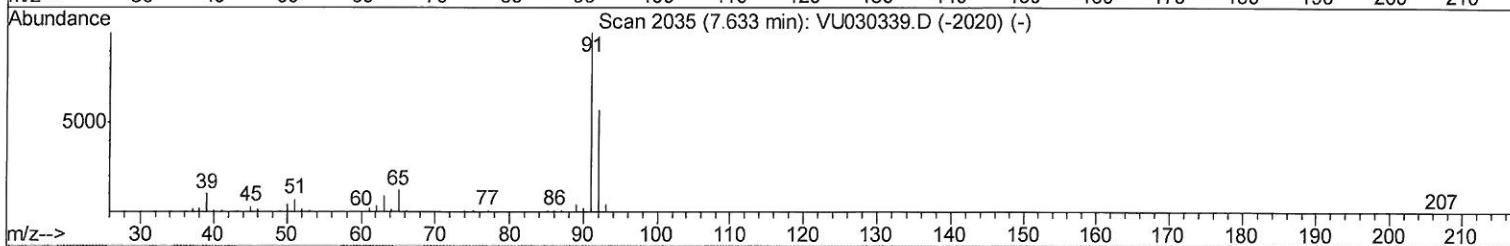
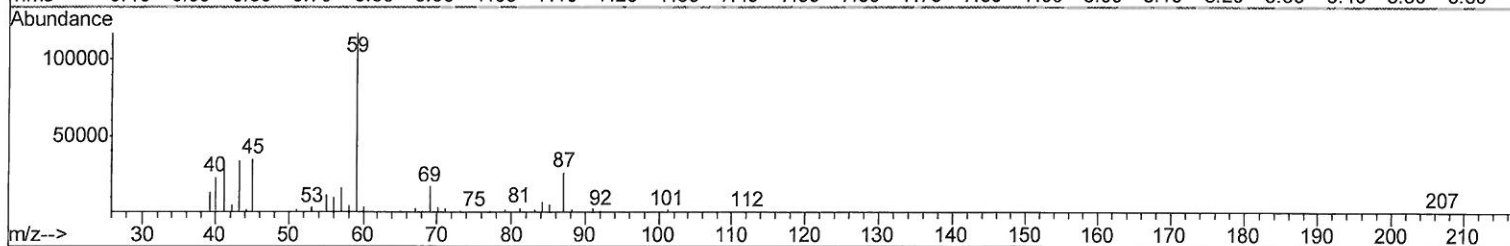
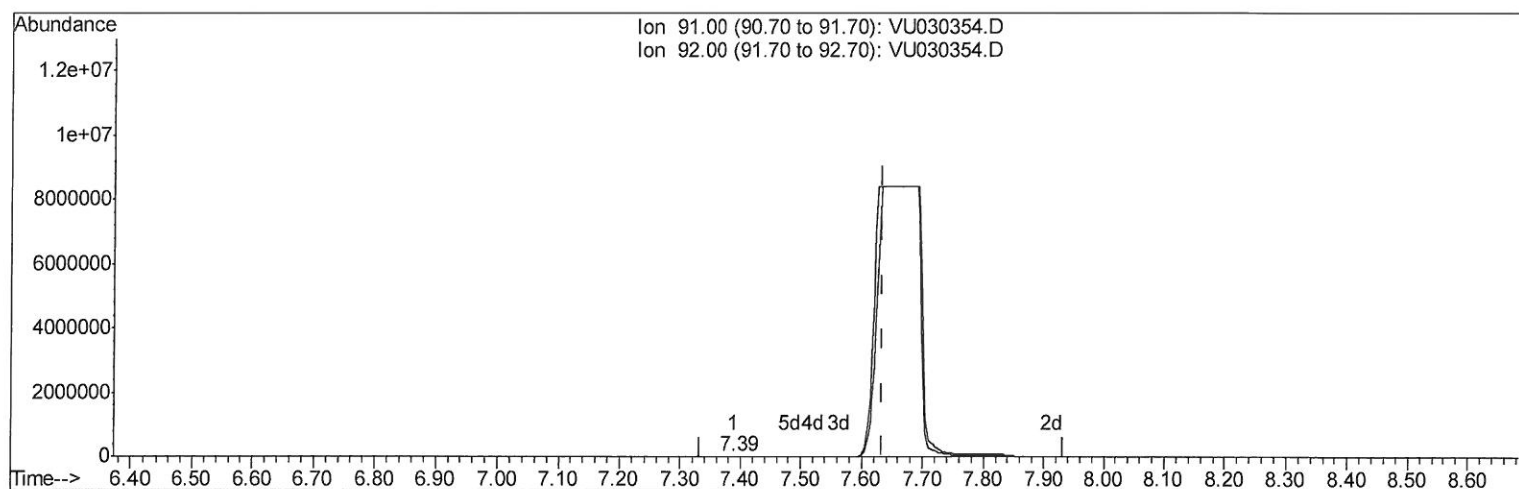
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Sample : K2063-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
DB6R6

Manual Integrations
APPROVED

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TIC: VU030354.D

(42) Toluene (T)

7.389min (-0.245) 0.17ug/L

response 2805

Ion	Exp%	Act%
91.00	100	100
92.00	56.70	42.68
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

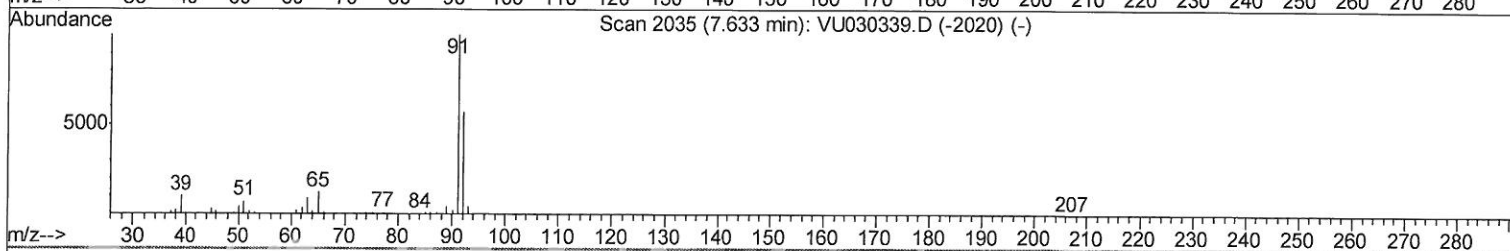
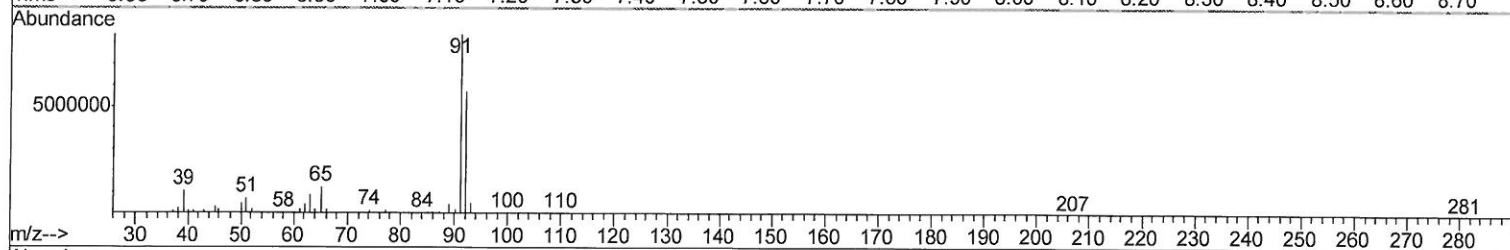
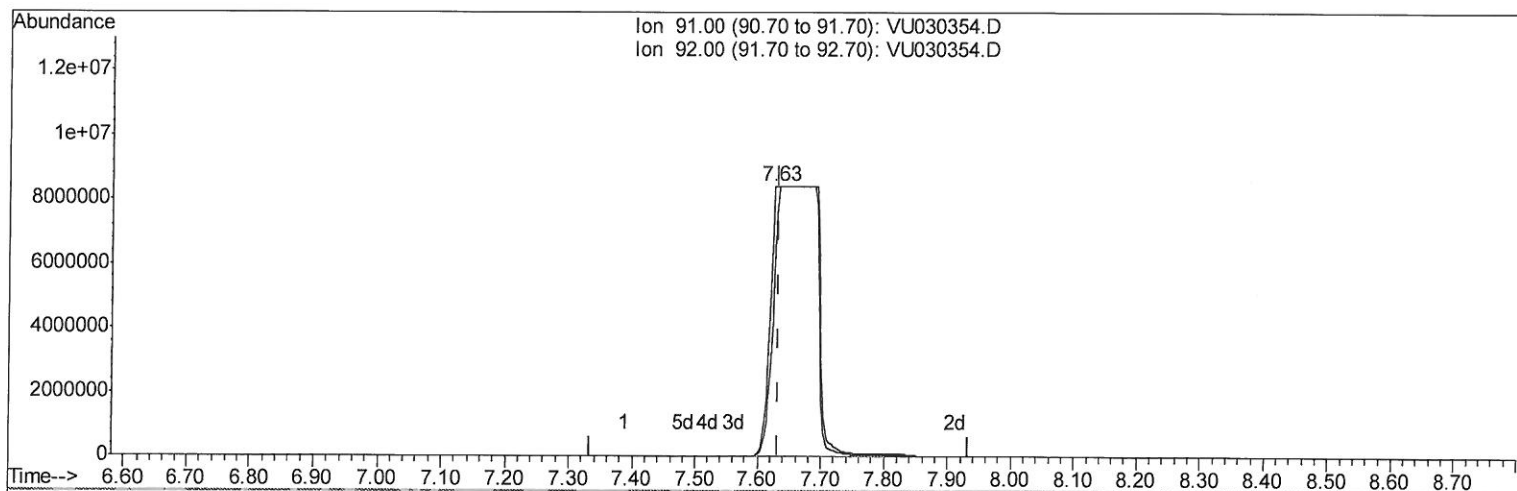
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Sample : K2063-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6R6

Manual Integrations
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TIC: VU030354.D

(42) Toluene (T)

7.627min (-0.007) 2552.84ug/L m

response 42178078

Ion	Exp%	Act%
91.00	100	100
92.00	56.70	67.65
0.00	0.00	0.00
0.00	0.00	0.00

7mQ
3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Quantitation Report (Qedit)

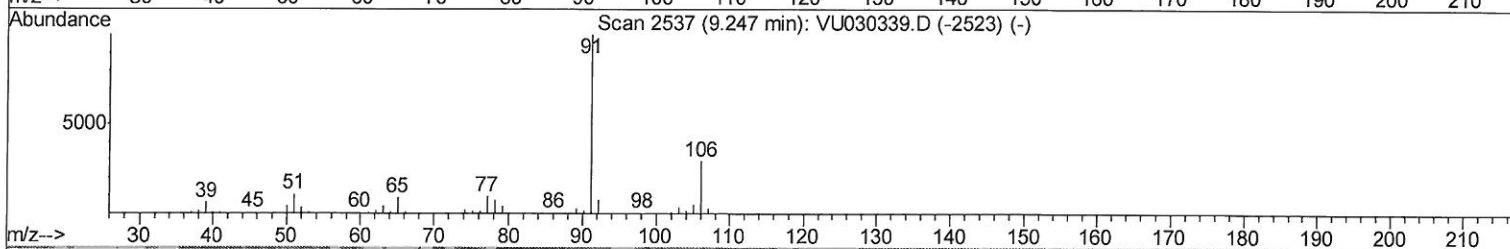
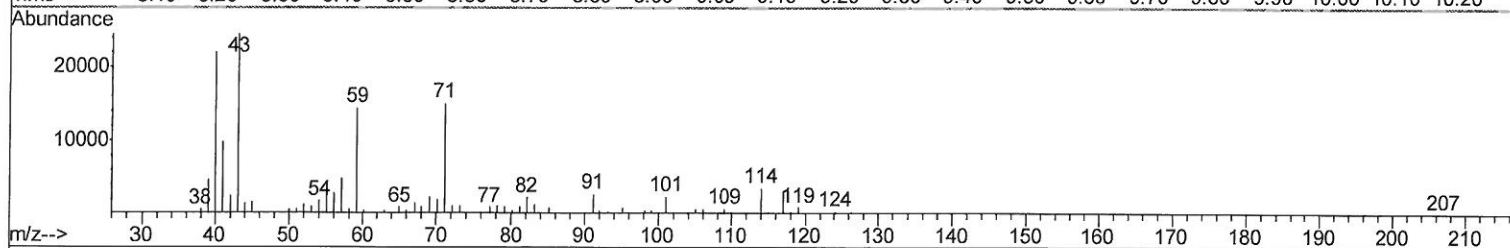
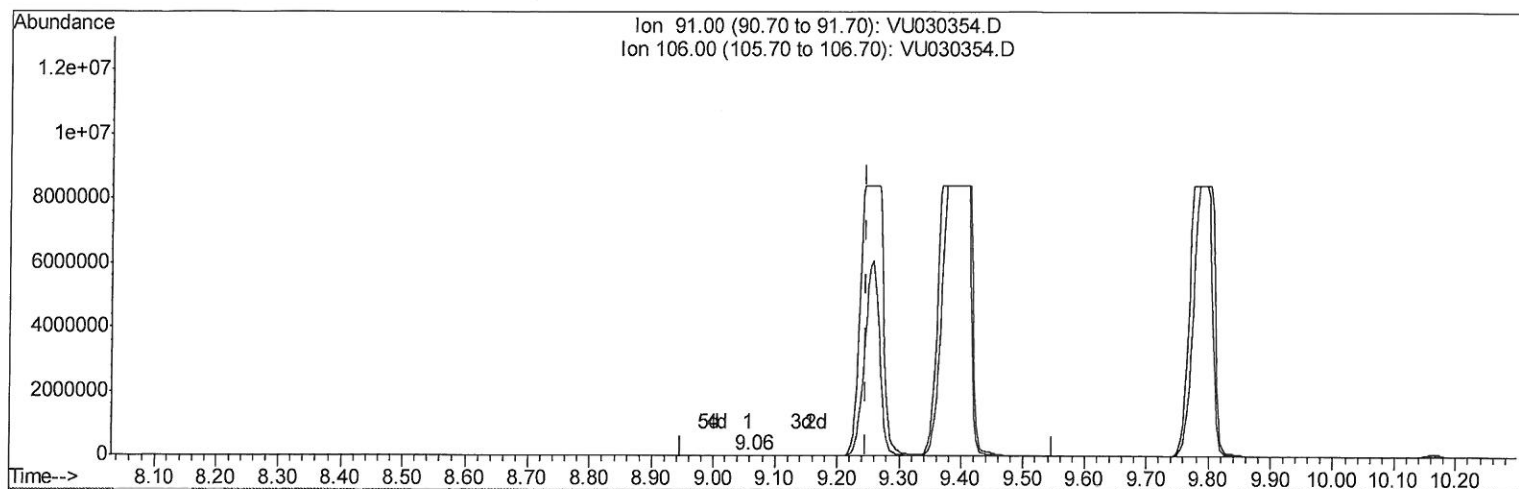
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: VU030354.D

(52) Ethylbenzene (T)

9.057min (-0.190) 0.15ug/L

response 2747

Ion	Exp%	Act%
91.00	100	100
106.00	29.40	20.67
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Quantitation Report (Qedit)

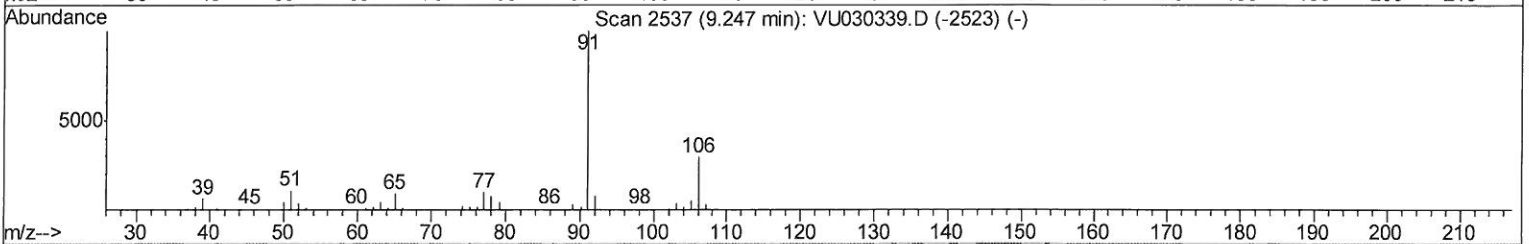
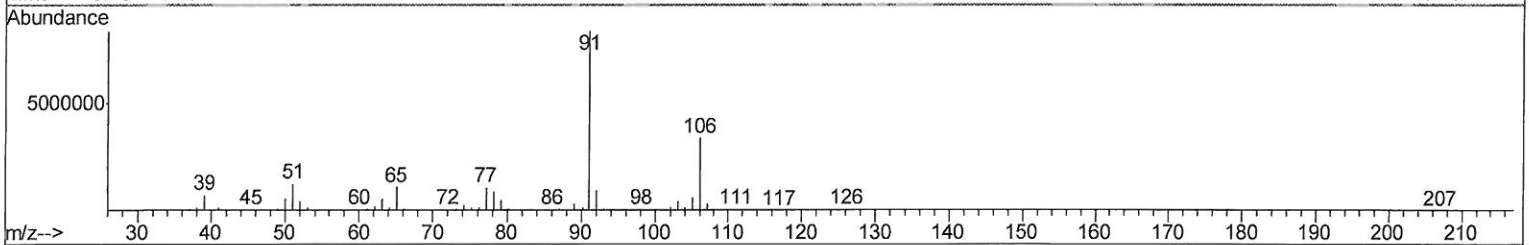
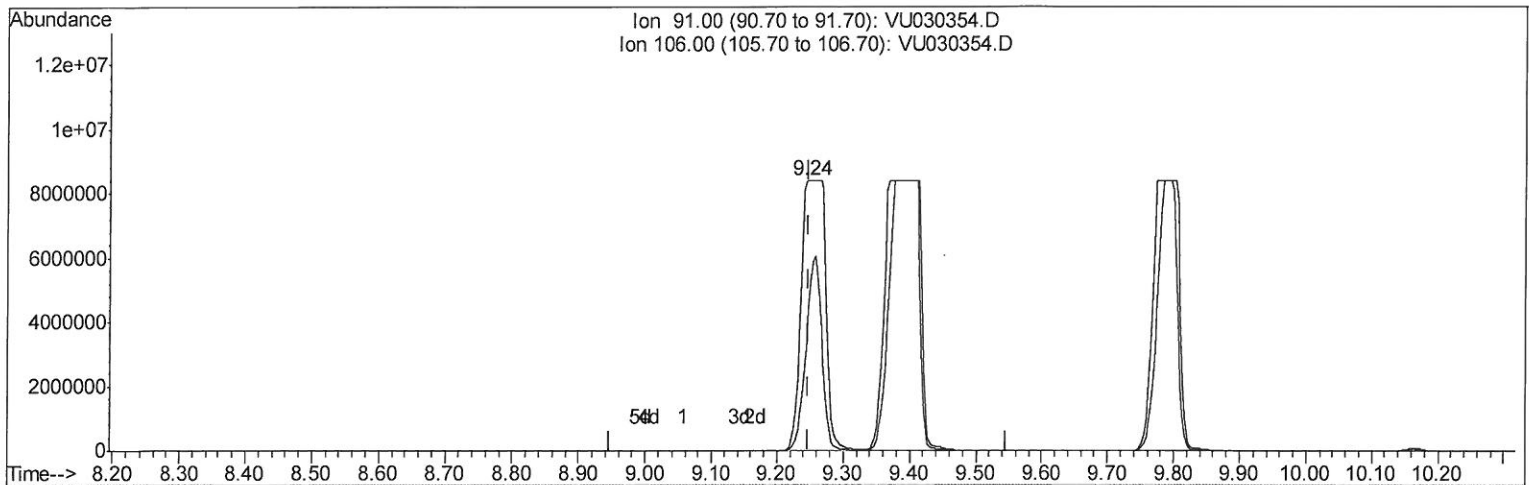
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: VU030354.D

(52) Ethylbenzene (T)

9.244min (-0.003) 1189.61ug/L m

response 21291486

Ion Exp% Act%

91.00 100 100

106.00 29.40 40.39#

0.00 0.00 0.00

0.00 0.00 0.00

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3/27/19

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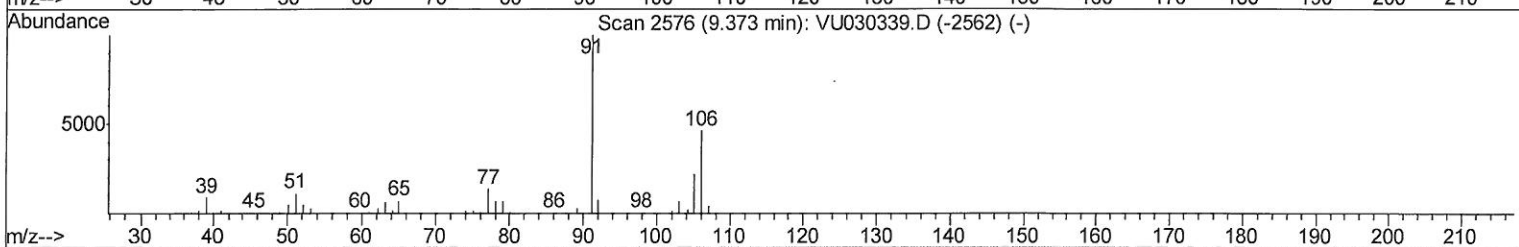
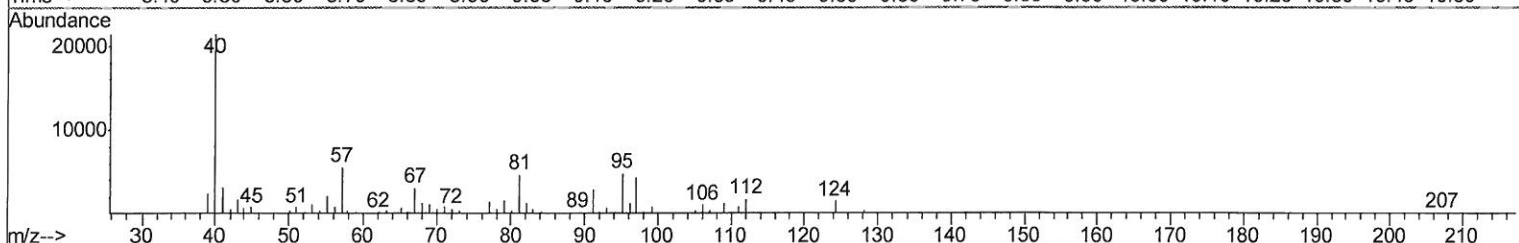
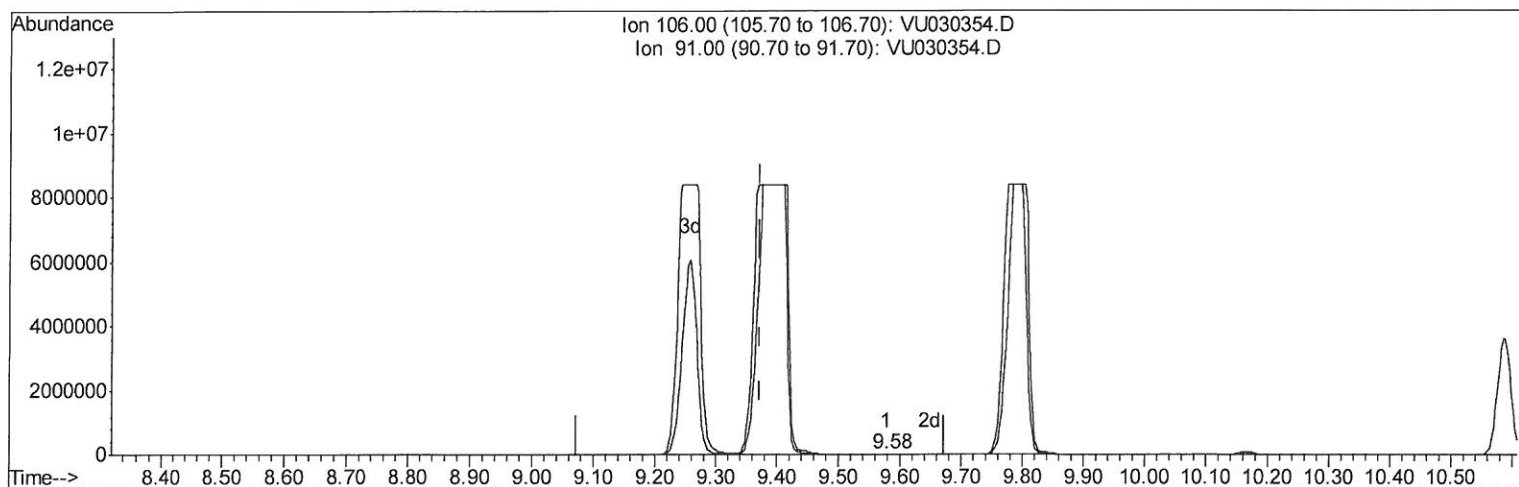
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TIC: VU030354.D

(53) m,p-Xylene (T)

9.578min (+0.206) 0.04ug/L

response 236

Ion	Exp%	Act%
106.00	100	100
91.00	216.00	270.39
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

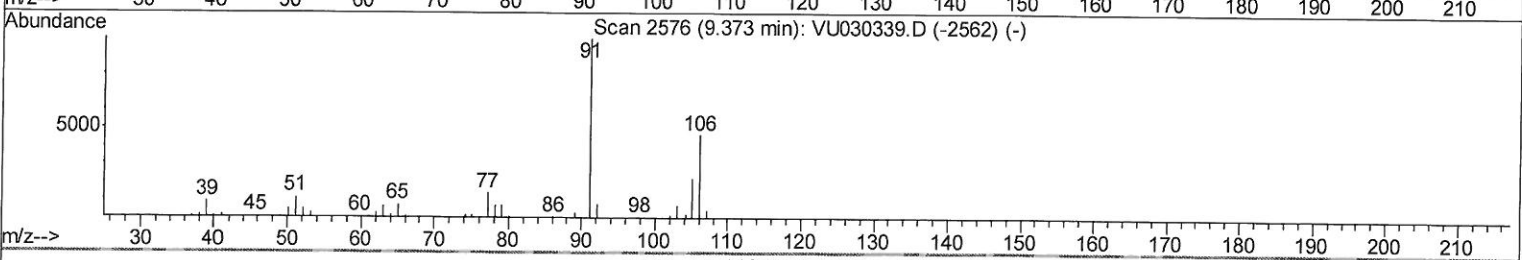
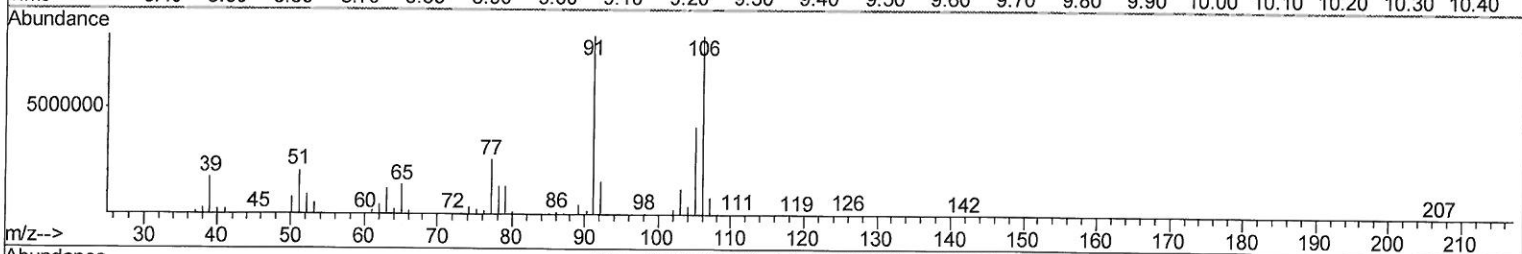
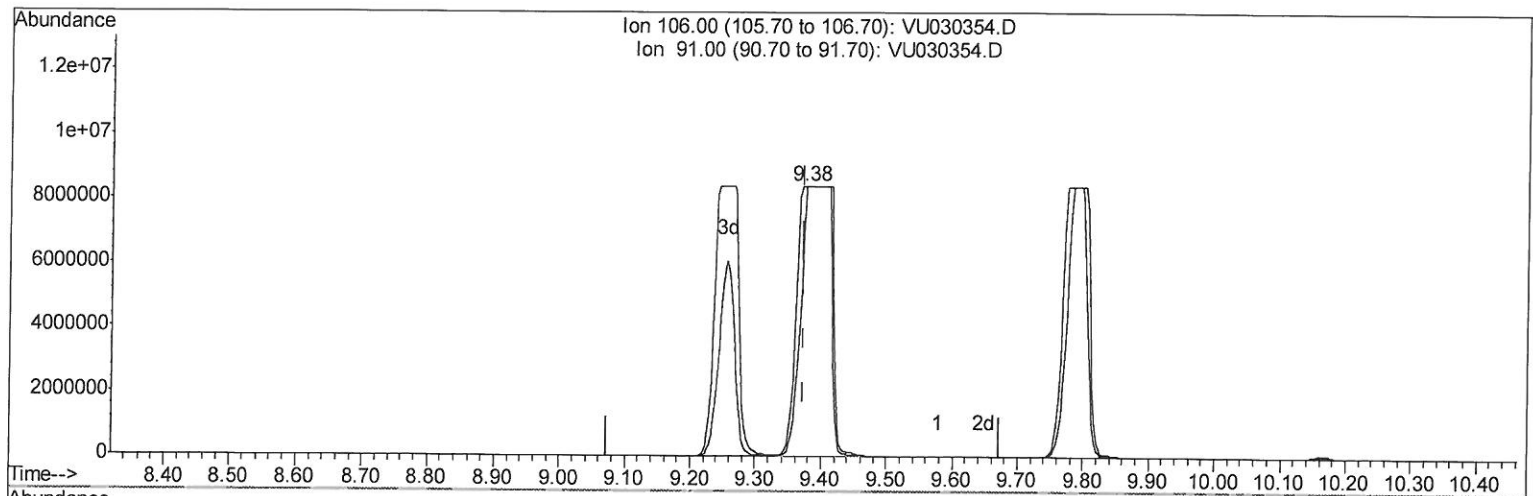
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TIC: VU030354.D

(53) m,p-Xylene (T)

9.376min (+0.003) 4012.82ug/L m

response 25932597

Ion	Exp%	Act%
106.00	100	100
91.00	216.00	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
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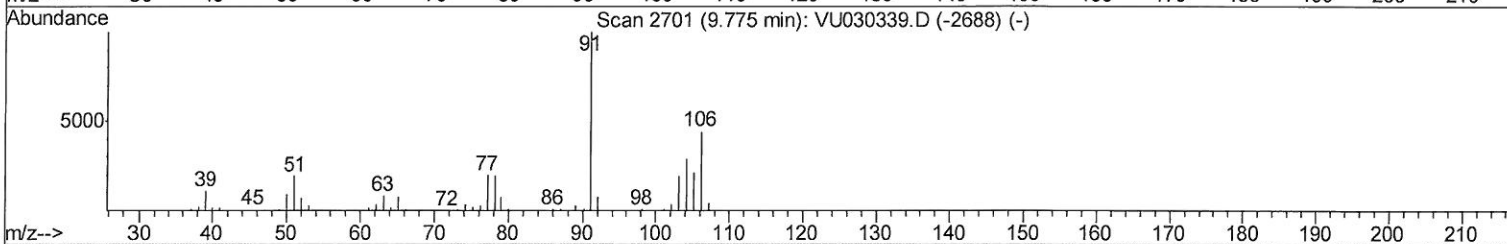
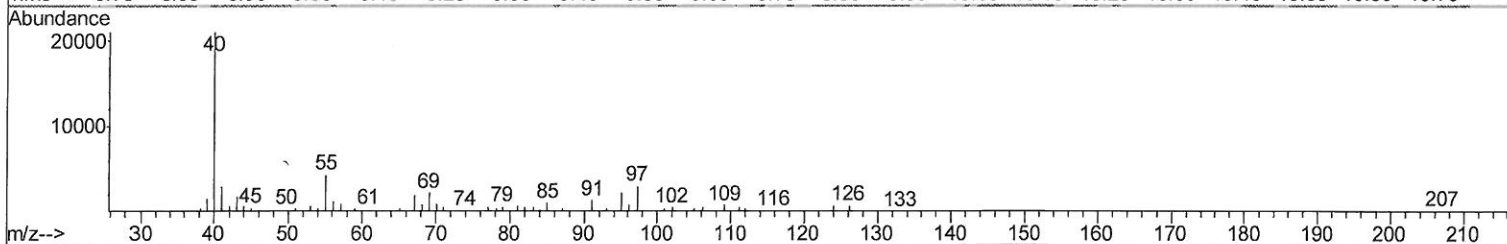
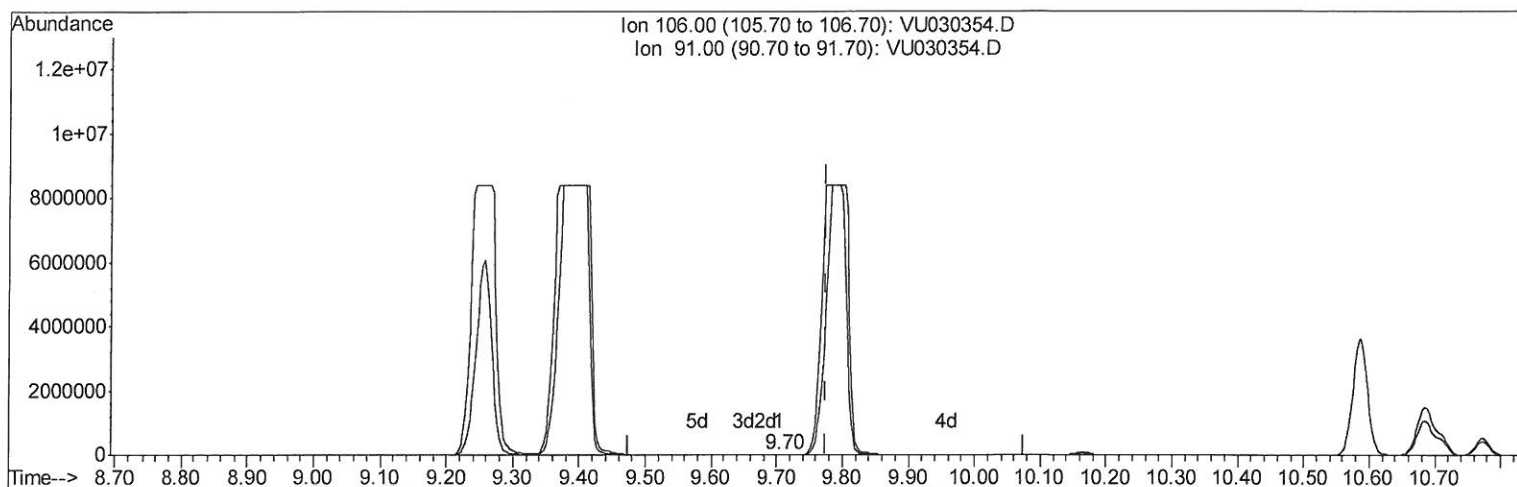
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TIC: VU030354.D

(54) o-xylene (T)

9.704min (-0.071) 0.01ug/L

response 48

Ion	Exp%	Act%
106.00	100	100
91.00	228.00	228.97
0.00	0.00	0.00
0.00	0.00	0.00

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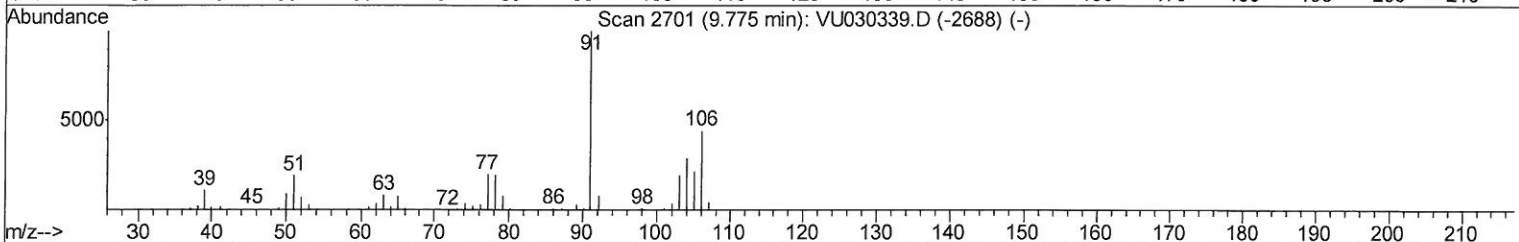
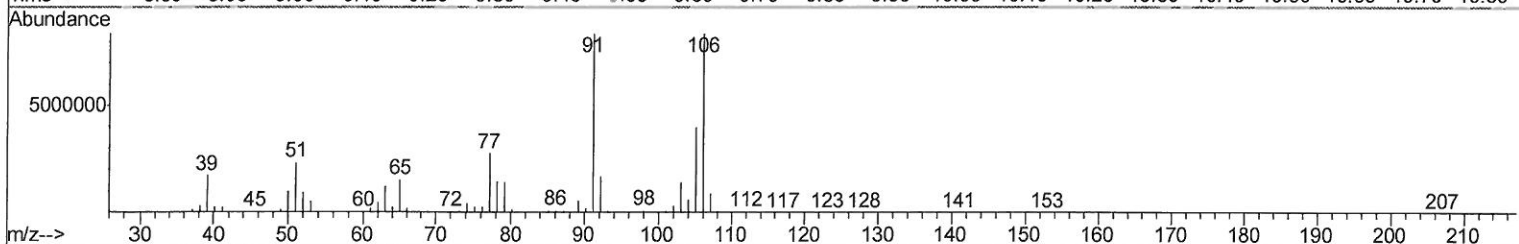
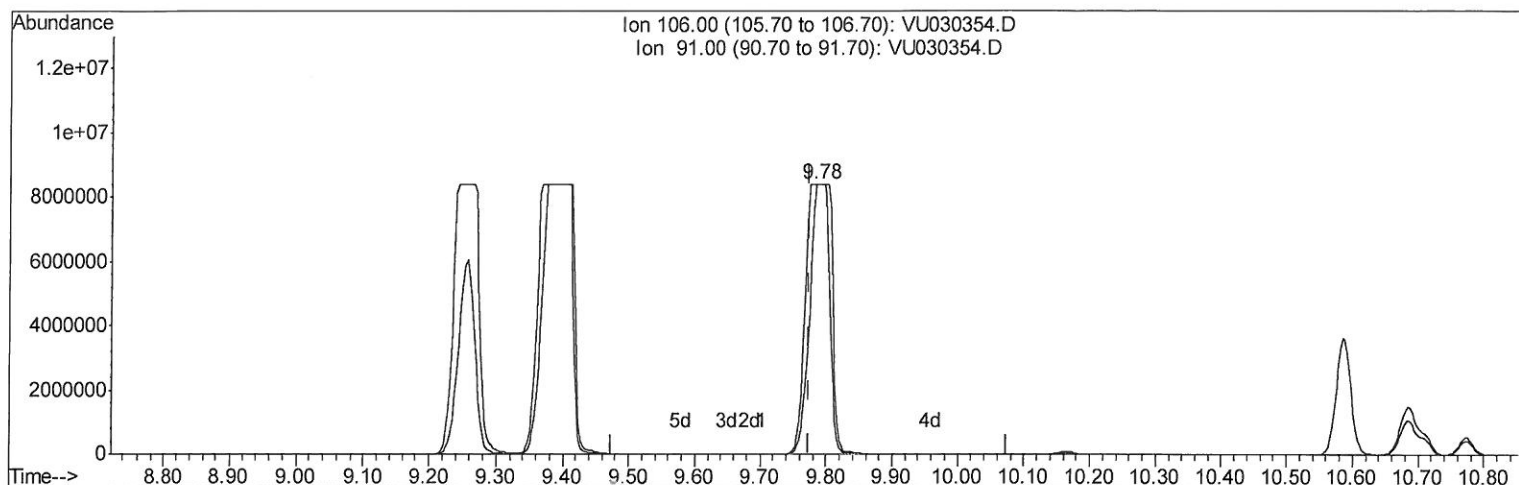
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TIC: VU030354.D

(54) o-xylene (T)

9.784min (+0.009) 2748.72ug/L m

response 17332446

Ion	Exp%	Act%
106.00	100	100
91.00	228.00	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
3/27/19

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Client Sampled :

DB6R6

Manual Integrations

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3/24/2019 12:36:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	475627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153115	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.68	69	132573	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	226742	31.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.46%
21) 2-Butanone-d5	4.17	46	322226	89.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.55%
24) Chloroform-d	4.65	84	283927	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.31	65	191213	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
32) Benzene-d6	5.34	84	608500	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.33	67	208379	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.82%
41) Toluene-d8	7.57	98	581350	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	7.85	79	99235	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	244348	98.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299277	45.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	221420	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.63	94	9910	3.881	ug/L	97
22) 2-Butanone	4.27	43	44354	10.084	ug/L	77
29) Cyclohexane	4.99	56	2086383	294.803	ug/L	98
33) Benzene	5.38	78	29497966m	1852.915	ug/L	93
35) Methylcyclohexane	6.41	83	1277622	198.387	ug/L	
42) Toluene	7.63	91	42178078m	2552.844	ug/L	
48) 2-Hexanone	8.36	43	140305	22.559	ug/L	
50) 1,2-Dibromoethane	8.58	107	771493	188.317	ug/L	
52) Ethylbenzene	9.24	91	21291486m	1189.611	ug/L	41
53) m,p-Xylene	9.38	106	25932597m	4012.816	ug/L	
54) o-xylene	9.78	106	17332446m	2748.719	ug/L	
56) Isopropylbenzene	10.16	105	1576950	94.448	ug/L	100

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