

Quantitation Report (QT Reviewed)

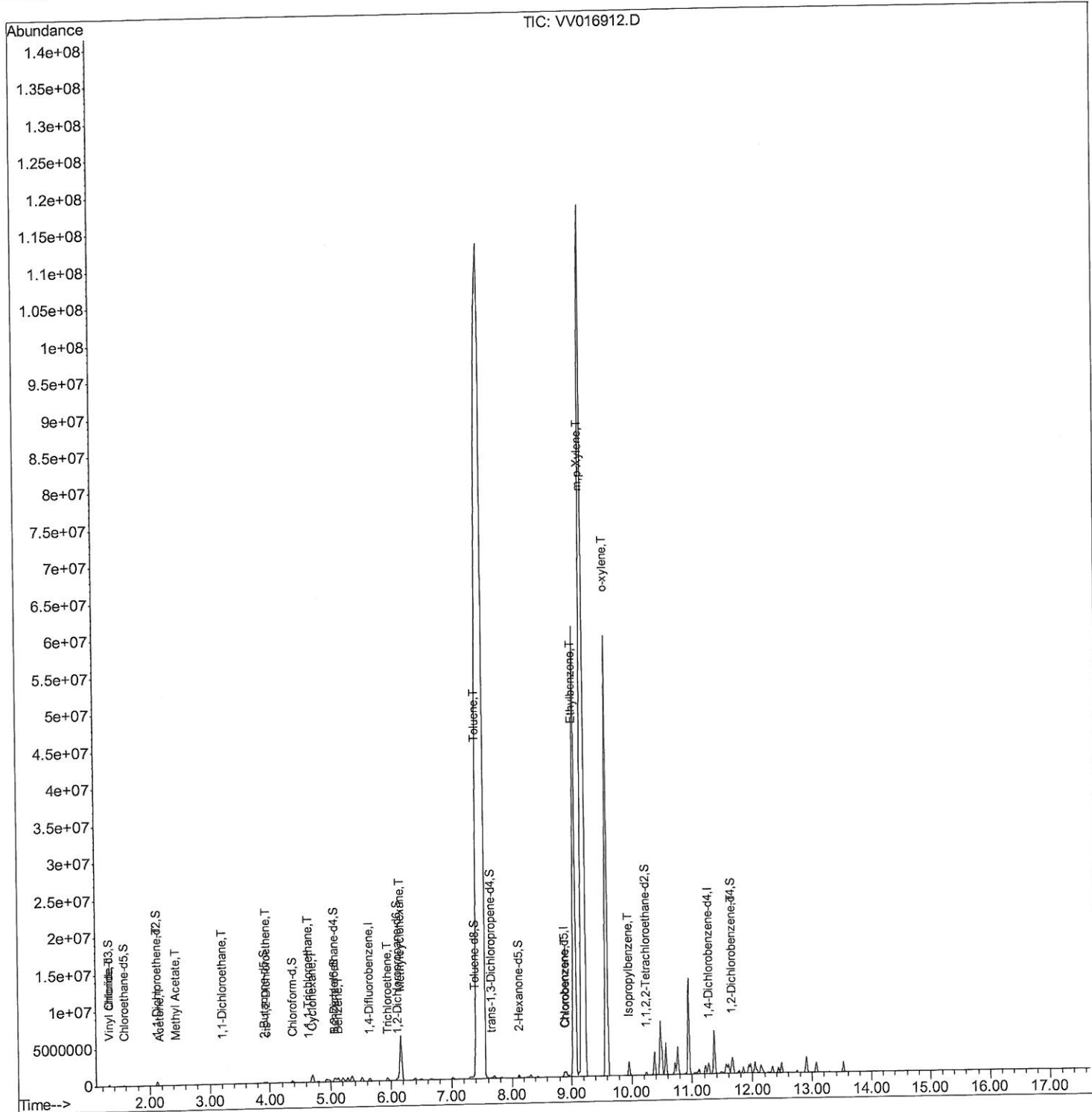
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016912.D
 Acq On : 13 Jun 2020 05:17
 Operator : SY/MD
 Sample : L2990-14MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 E3YG8MSD

Quant Time: Jun 13 07:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

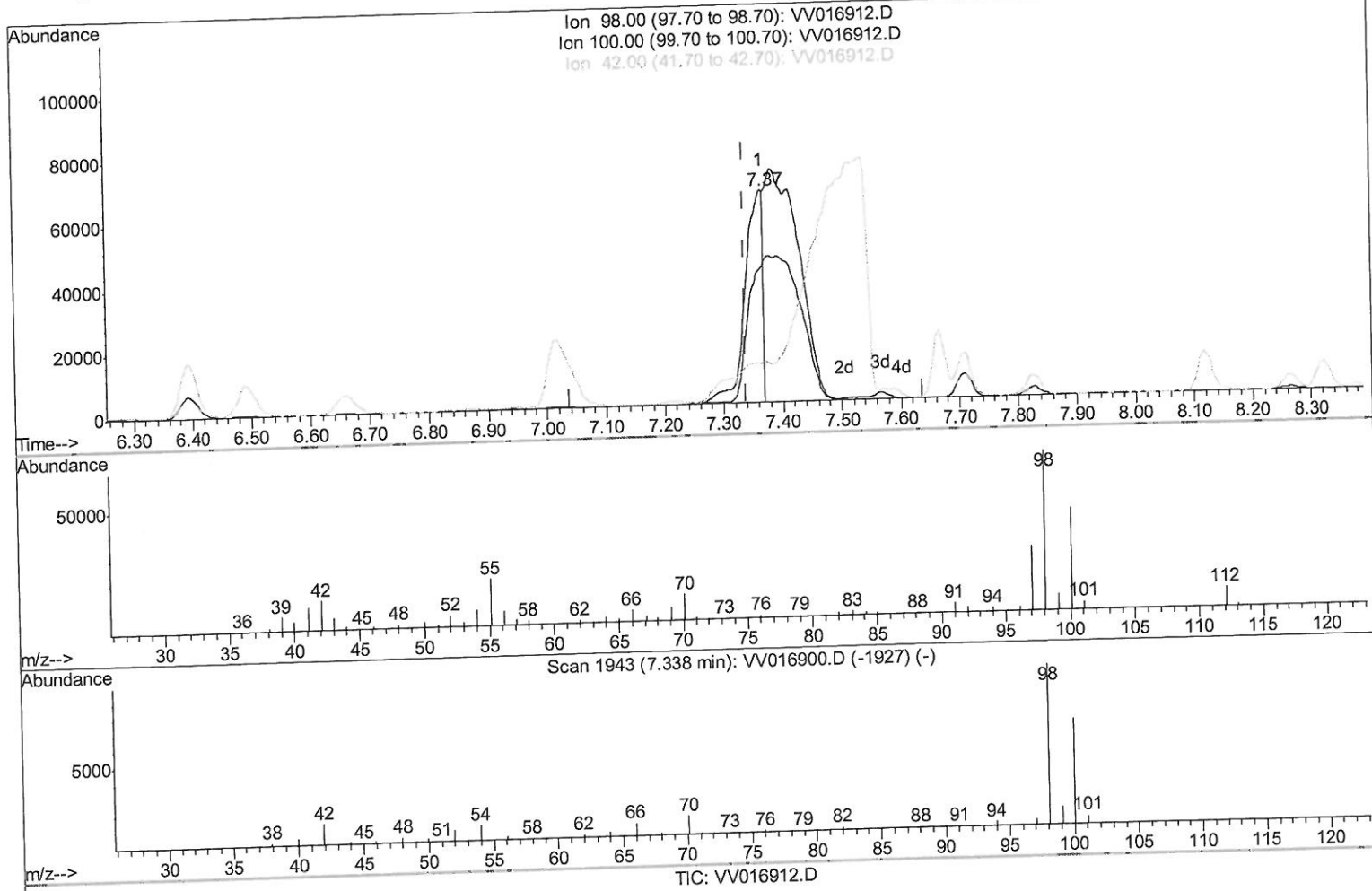
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(41) Toluene-d8 (S)

7.367min (+0.029) 15.65ug/L

response 143222

Ion	Exp%	Act%
98.00	100	100
100.00	65.80	88.53#
42.00	12.80	0.00#
0.00	0.00	0.00

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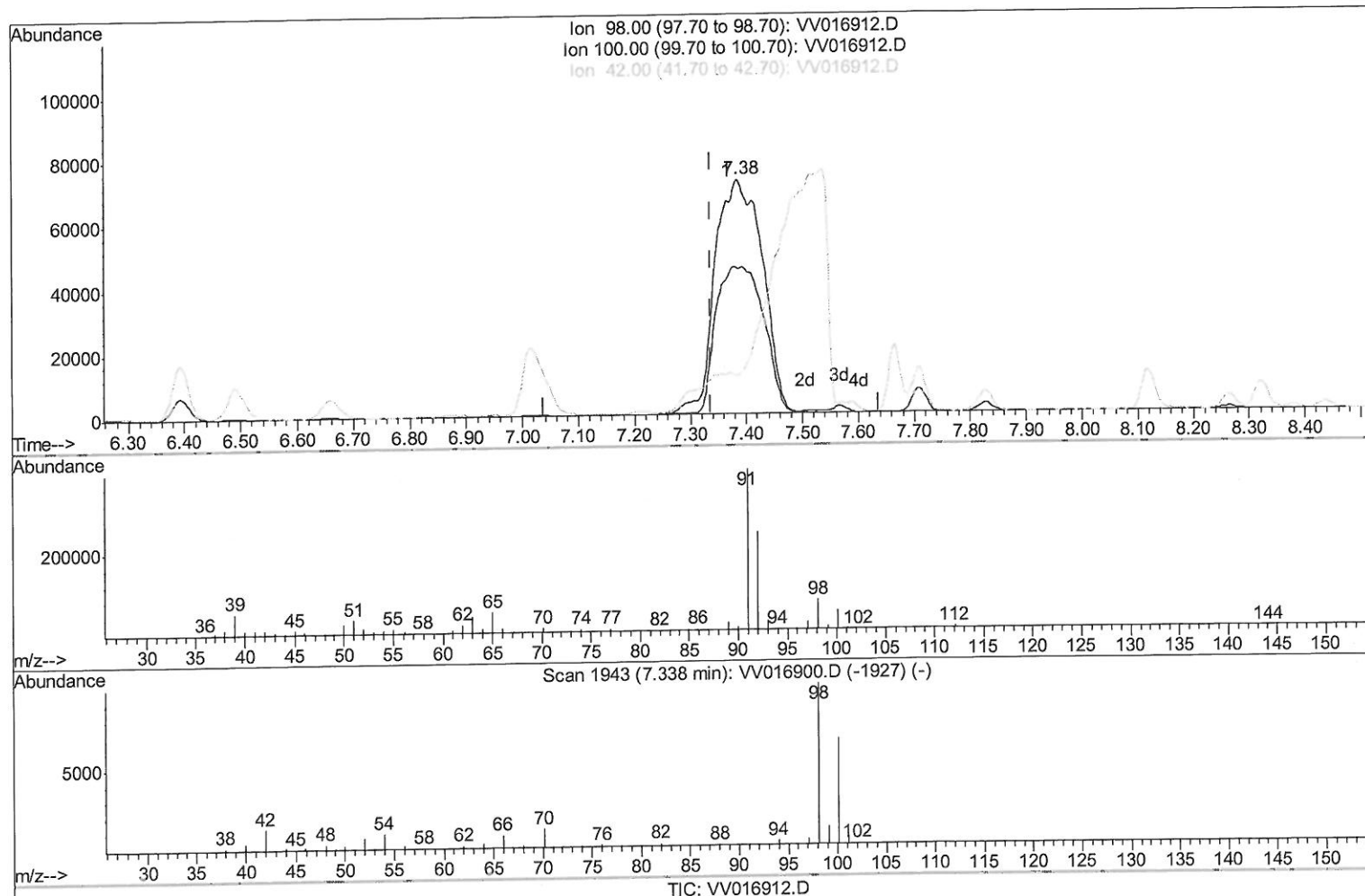
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(41) Toluene-d8 (S)

7.383min (+0.045) 46.94ug/L m

response 429547

Ion	Exp%	Act%
98.00	100	100
100.00	65.80	29.52#
42.00	12.80	0.00#
0.00	0.00	0.00

Handwritten signature: 7MD
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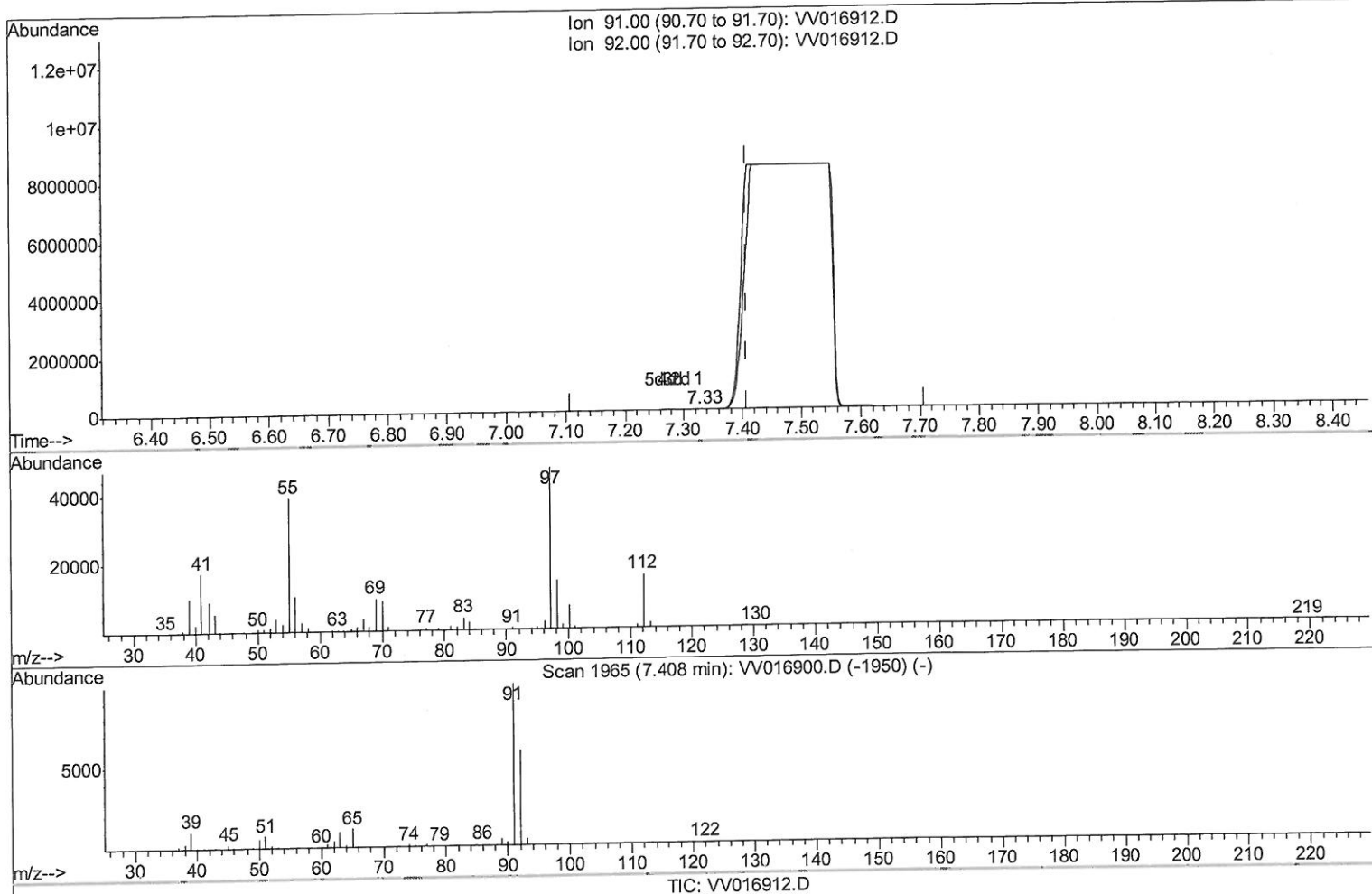
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(42) Toluene (T)

7.328min (-0.080) 0.03ug/L

response 306

Ion	Exp%	Act%
91.00	100	100
92.00	57.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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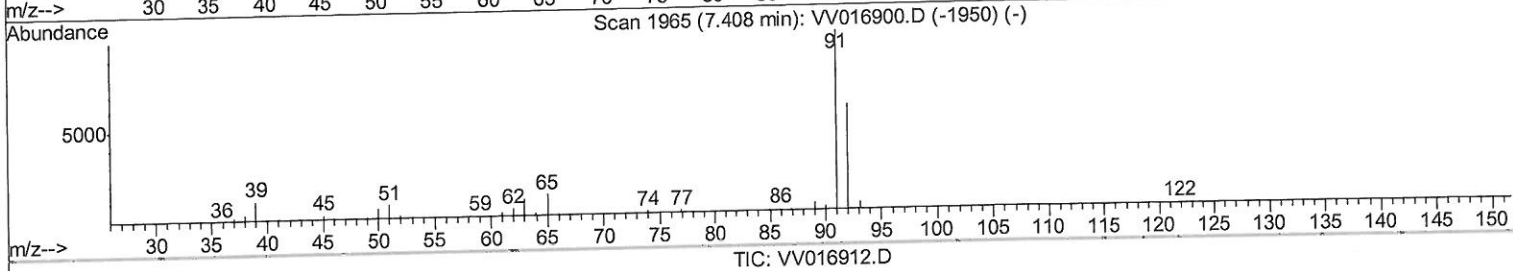
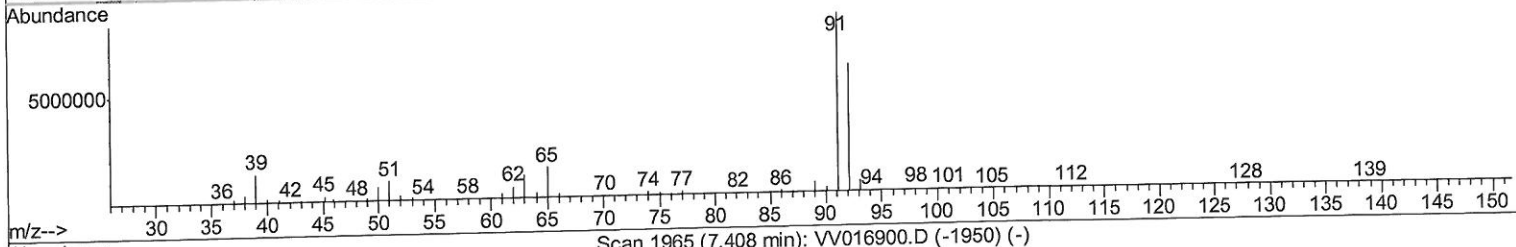
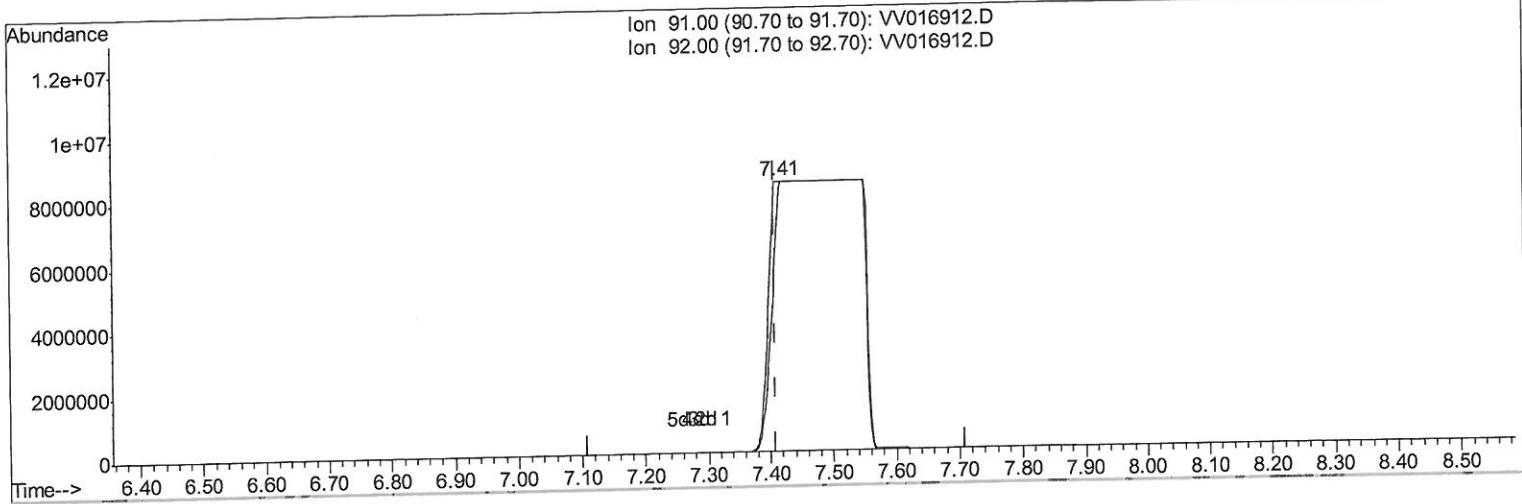
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(42) Toluene (T)

7.408min (-0.000) 7452.79ug/L m

response 80411235

Ion	Exp%	Act%
91.00	100	100
92.00	57.70	71.51
0.00	0.00	0.00
0.00	0.00	0.00

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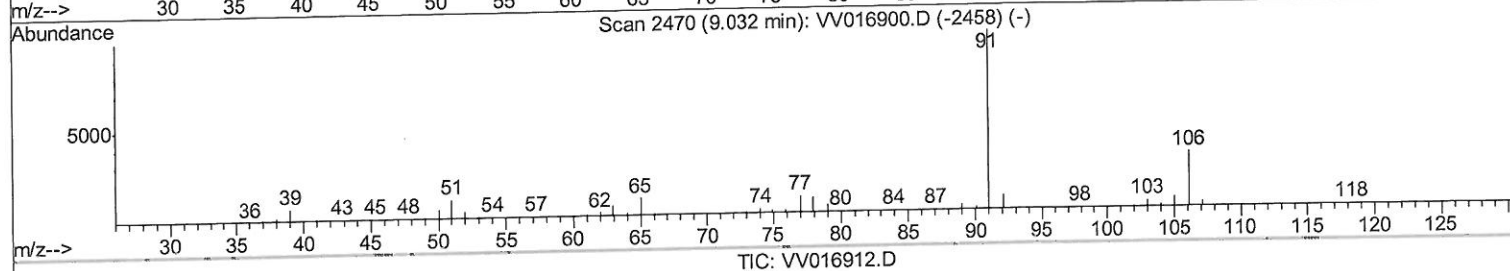
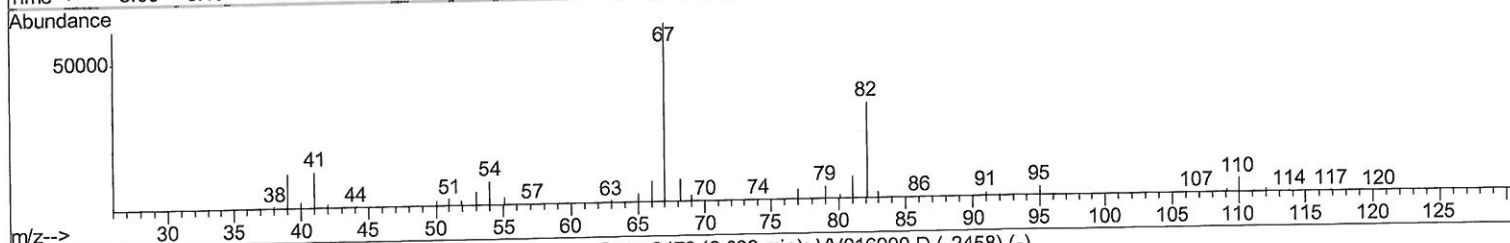
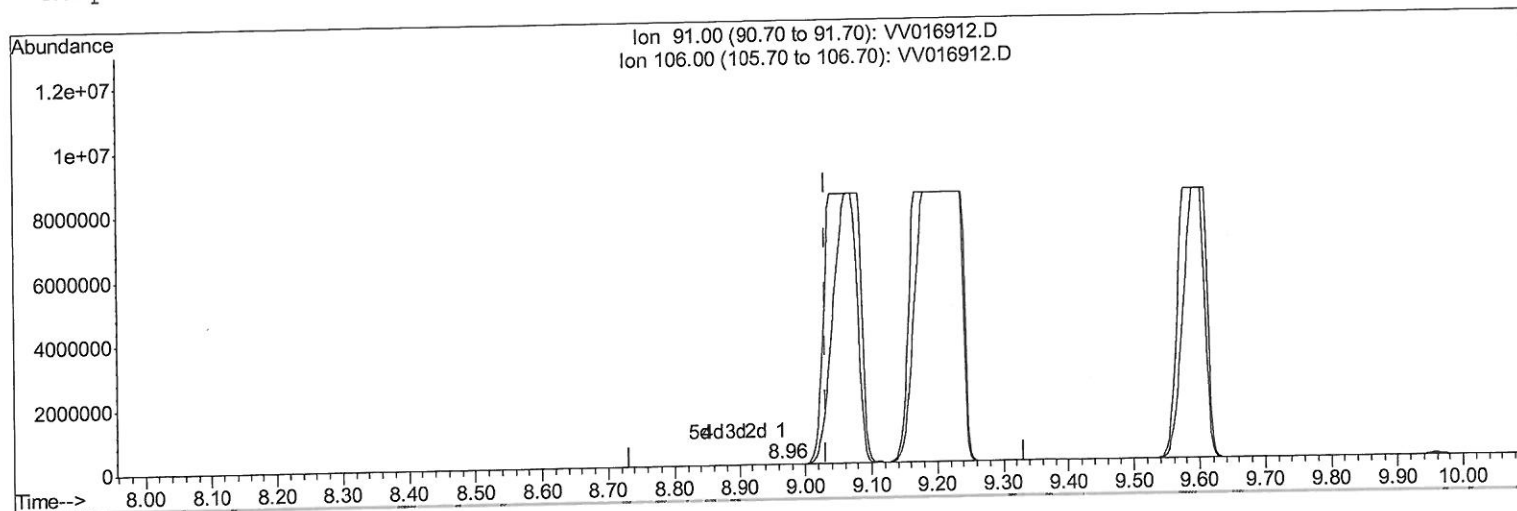
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(52) Ethylbenzene (T)

8.965min (-0.068) 0.03ug/L

response 352

Ion	Exp%	Act%
91.00	100	100
106.00	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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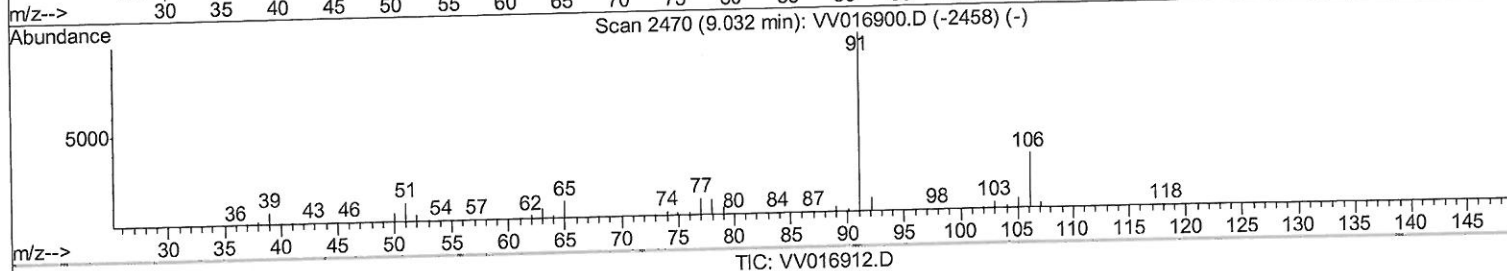
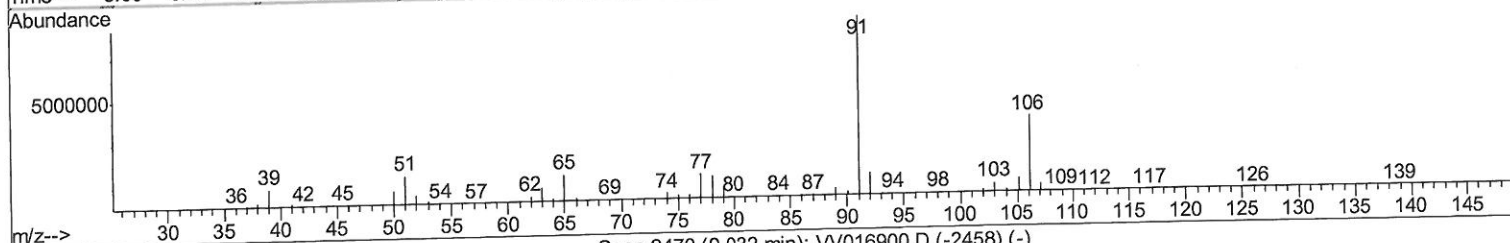
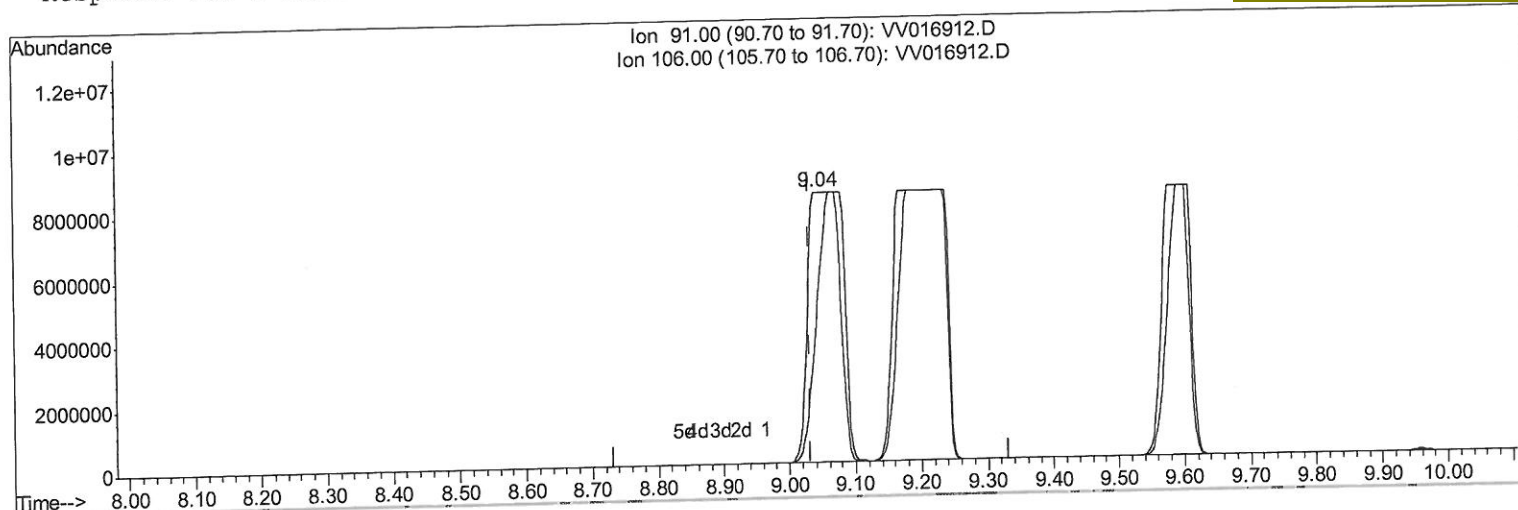
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(52) Ethylbenzene (T)

9.039min (+0.006) 2584.99ug/L m

response 30892392

Ion Exp% Act%

91.00 100 100

106.00 30.10 42.23#

0.00 0.00 0.00

0.00 0.00 0.00

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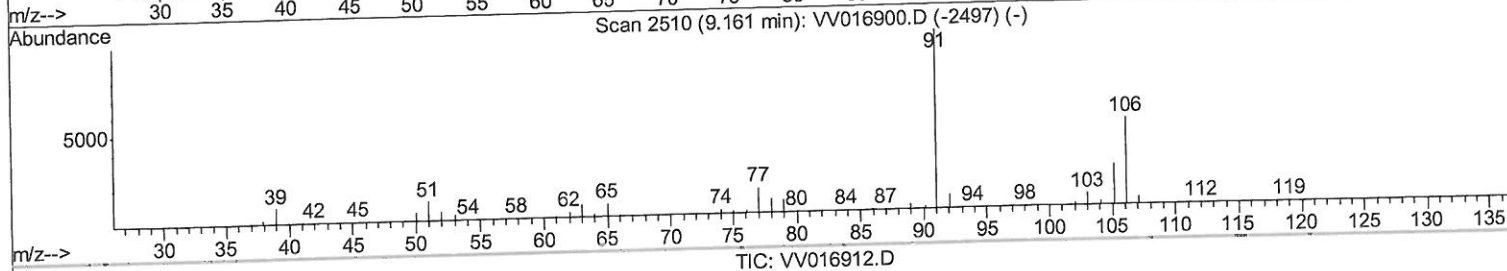
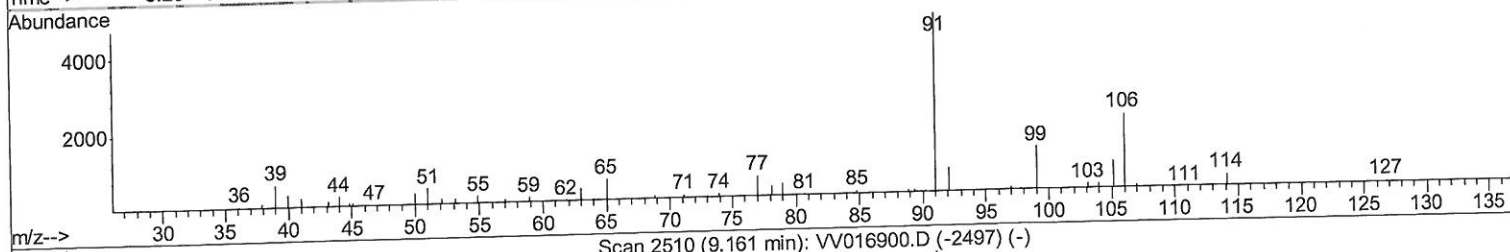
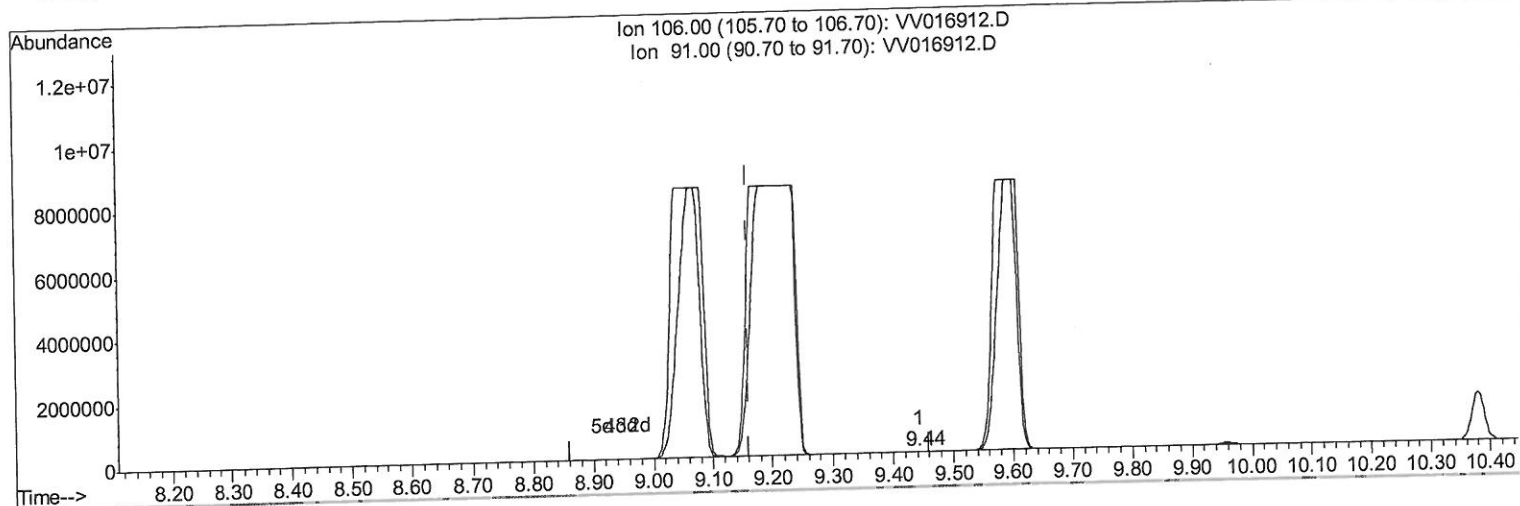
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(53) m,p-Xylene (T)

9.444min (+0.283) 0.05ug/L

response 217

Ion	Exp%	Act%
106.00	100	100
91.00	206.60	235.92
0.00	0.00	0.00
0.00	0.00	0.00

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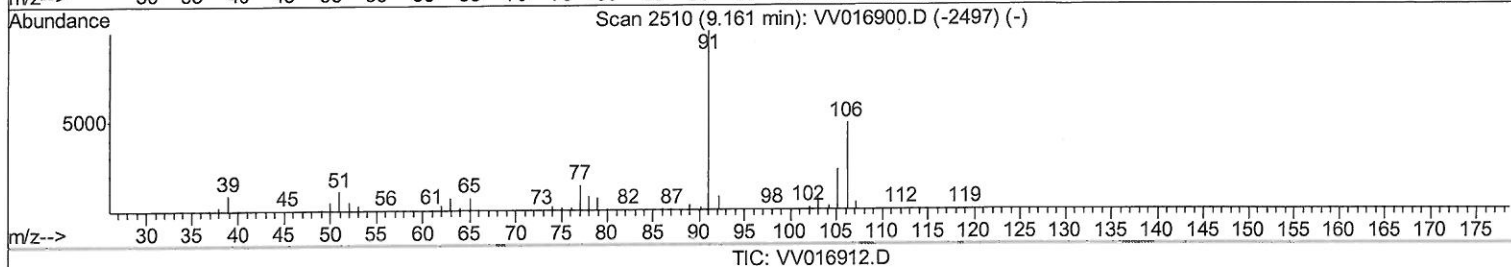
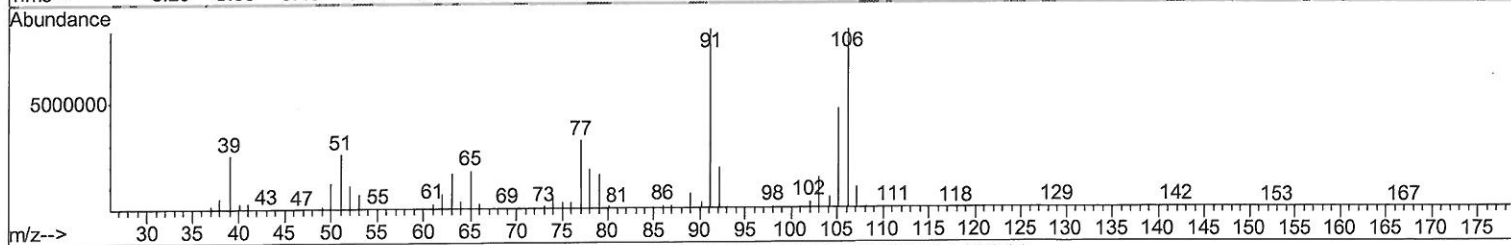
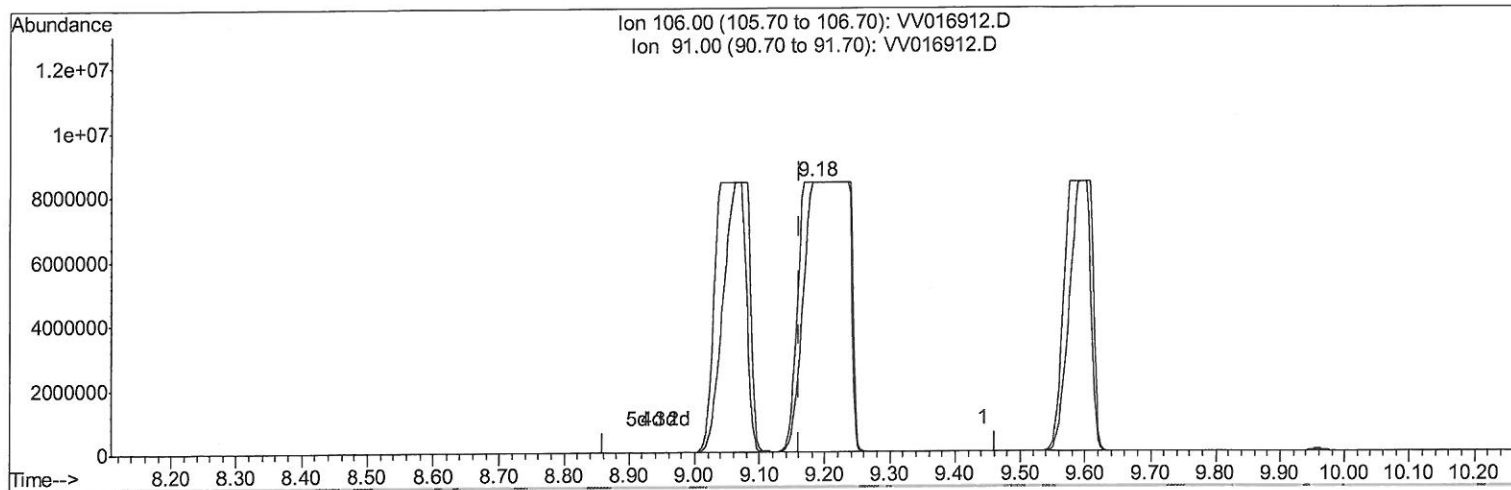
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(53) m,p-Xylene (T)

9.180min (+0.019) 8928.69ug/L m

response 39729301

Ion Exp% Act%

106.00 100 100

91.00 206.60 100.00#

0.00 0.00 0.00

0.00 0.00 0.00

Quantitation Report (Qedit)

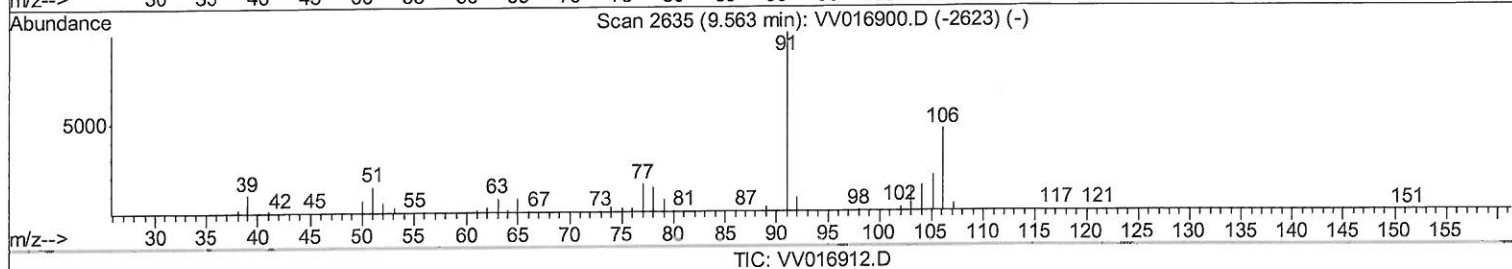
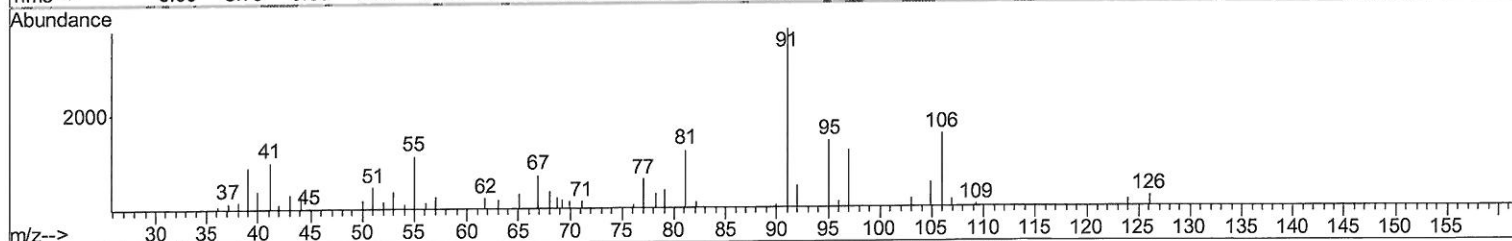
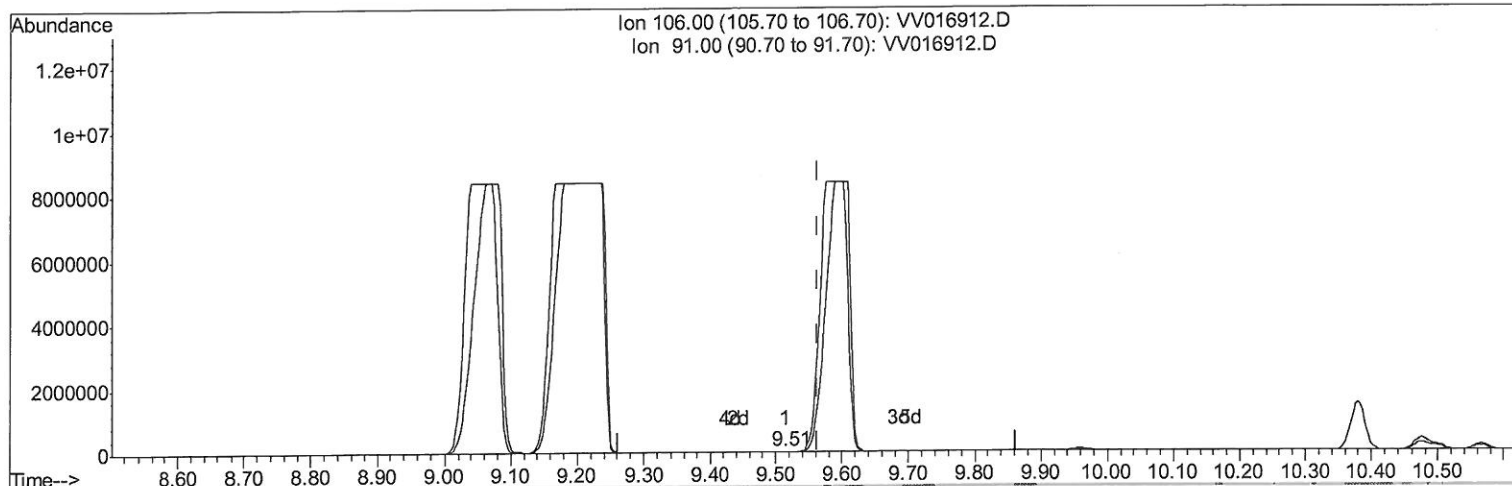
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TIC: VV016912.D

(54) o-xylene (T)

9.514min (-0.048) 0.06ug/L

response 242

Ion	Exp%	Act%
106.00	100	100
91.00	222.70	234.12
0.00	0.00	0.00
0.00	0.00	0.00

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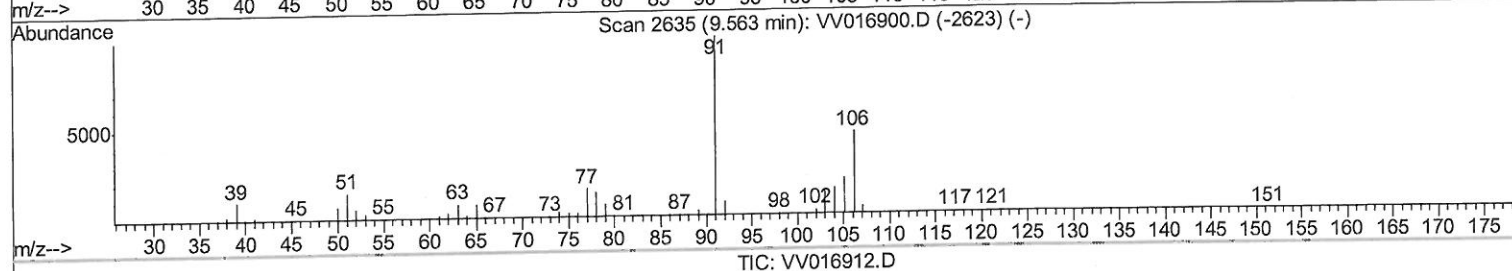
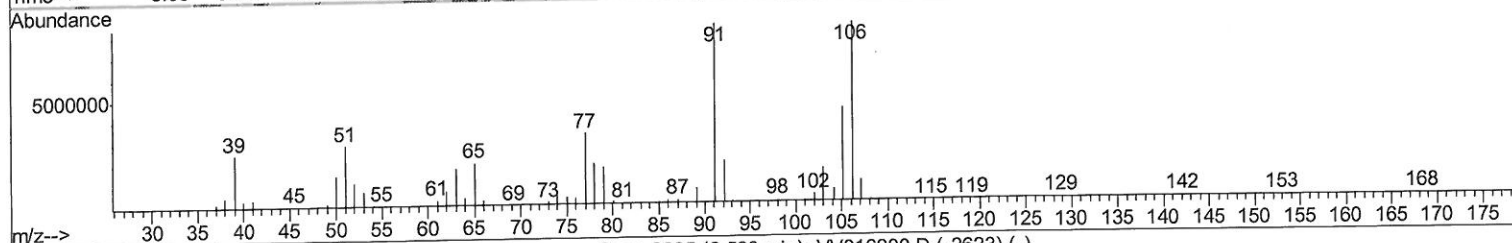
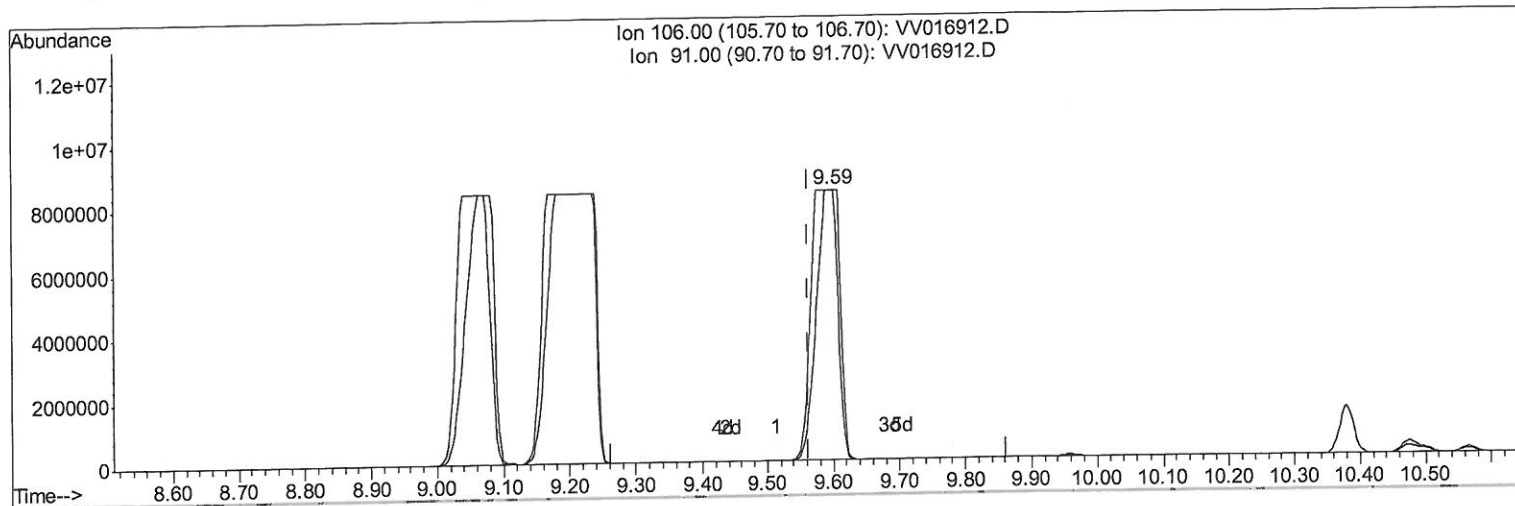
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(54) o-xylene (T)

9.592min (+0.029) 4295.68ug/L m

response 18851382

Ion	Exp%	Act%
106.00	100	100
91.00	222.70	100.00#
0.00	0.00	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	5.65	114	363573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	345921	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103546	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.57	69	63337	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.28%
11) 1,1-Dichloroethene-d2	2.12	63	213635	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.18%
21) 2-Butanone-d5	3.90	46	164918	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.38	84	228380	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	172595	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	438756	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.10	67	135267	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.38	98	429547m	46.94	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.67	79	66013	40.78	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
47) 2-Hexanone-d5	8.12	63	117640	86.81	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176403	42.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	181695	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

					Ovalue	
5) Vinyl chloride	1.32	62	11010	4.247	ug/L	# 69
12) 1,1-Dichloroethene	2.13	96	93543	51.839	ug/L	98
13) Acetone	2.18	43	3731	2.982	ug/L	92
15) Methyl Acetate	2.44	43	57645	20.673	ug/L	96
19) 1,1-Dichloroethane	3.21	63	29196	6.304	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	86515	32.254	ug/L	98
29) Cyclohexane	4.70	56	476182	110.776	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	4446	1.008	ug/L	96
33) Benzene	5.13	78	483855	47.275	ug/L	100
34) Trichloroethene	5.94	95	134375	48.954	ug/L	98
35) Methylcyclohexane	6.16	83	2708616	629.001	ug/L	98
42) Toluene	7.41	91	80411235m	7452.793	ug/L	98
51) Chlorobenzene	8.92	112	364383	51.764	ug/L	98
52) Ethylbenzene	9.04	91	30892392m	2584.988	ug/L	98
53) m,p-Xylene	9.18	106	39729301m	8928.691	ug/L	98
54) o-xylene	9.59	106	18851382m	4295.680	ug/L	98
56) Isopropylbenzene	9.96	105	1158347	98.234	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
65) 1,2-Dichlorobenzene	11.67	146	27328	4.636	ug/L	91

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