

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\
Quantitation Report (LSC Reviewed)

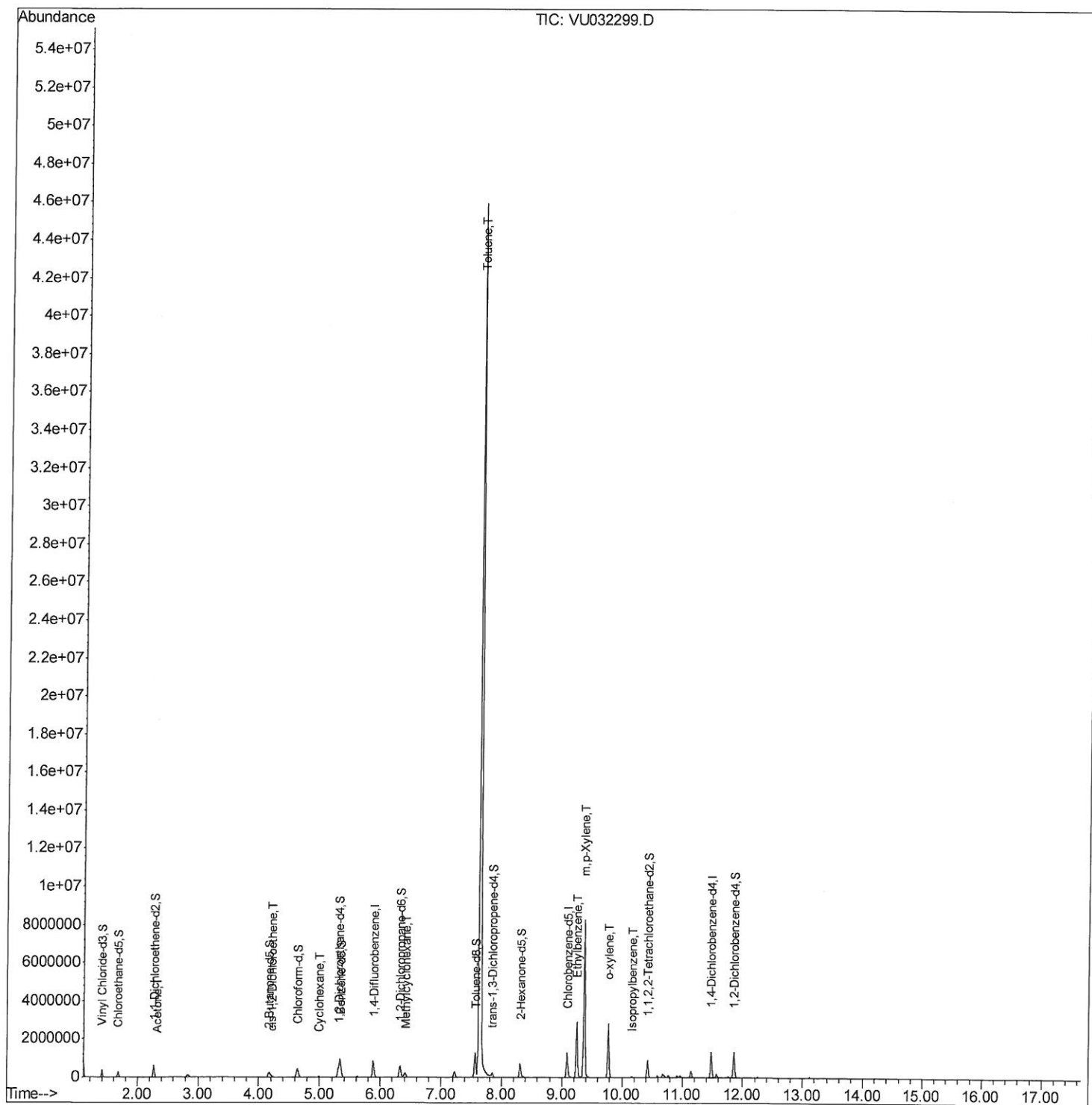
Data File : VU032299.D
Acq On : 24 May 2019 09:27
Operator : JC/SP
Sample : K3001-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Manual Integrations
APPROVED

MMDadoda
5/28/2019 11:16:39 AM

Quant Time: May 24 10:08:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 07:24:18 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

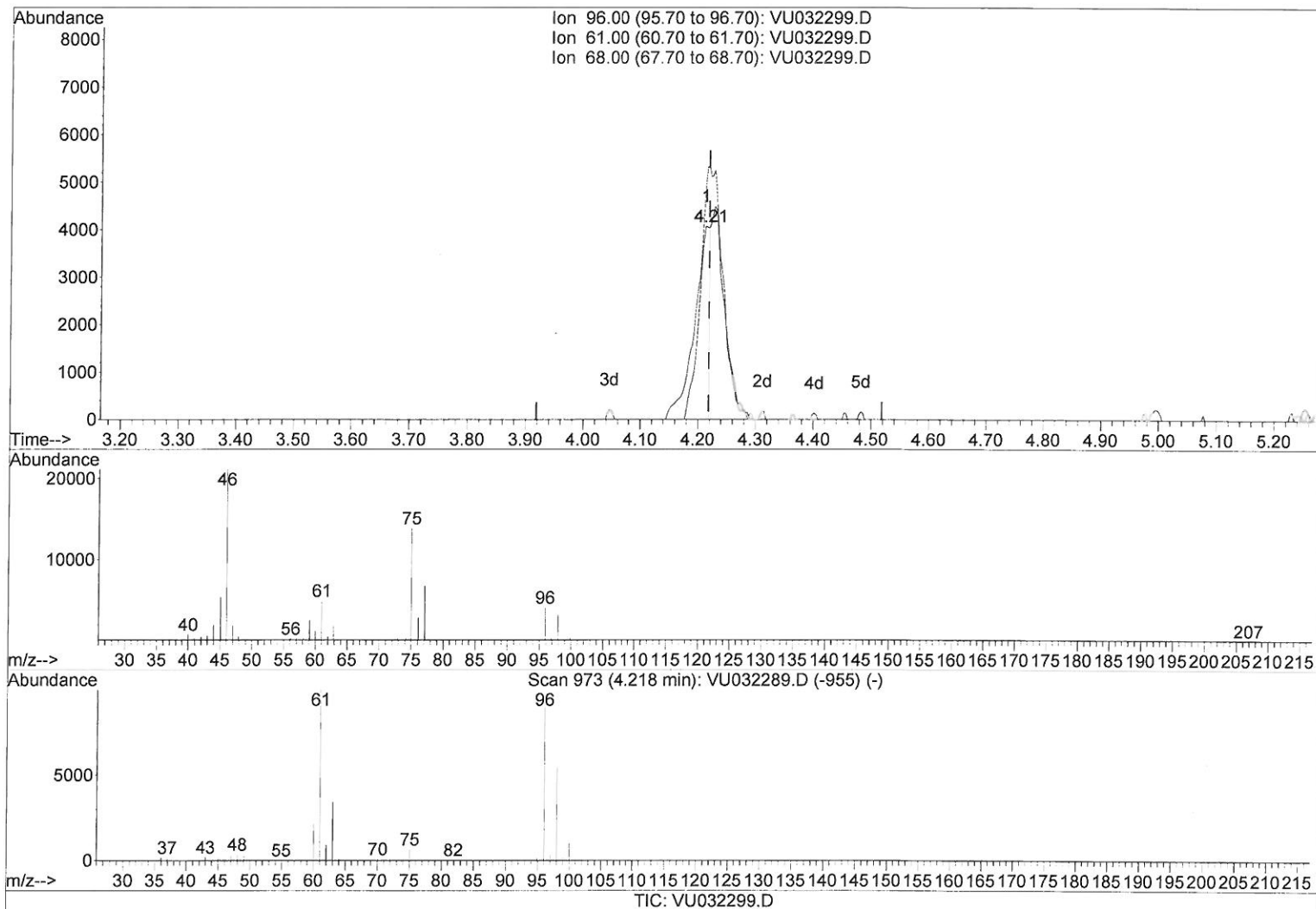
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(20) cis-1,2-Dichloroethene (T)

4.212min (-0.006) 0.84ug/L

response 5486

Ion	Exp%	Act%
96.00	100	100
61.00	112.20	121.35
68.00	0.00	0.00
0.00	0.00	0.00

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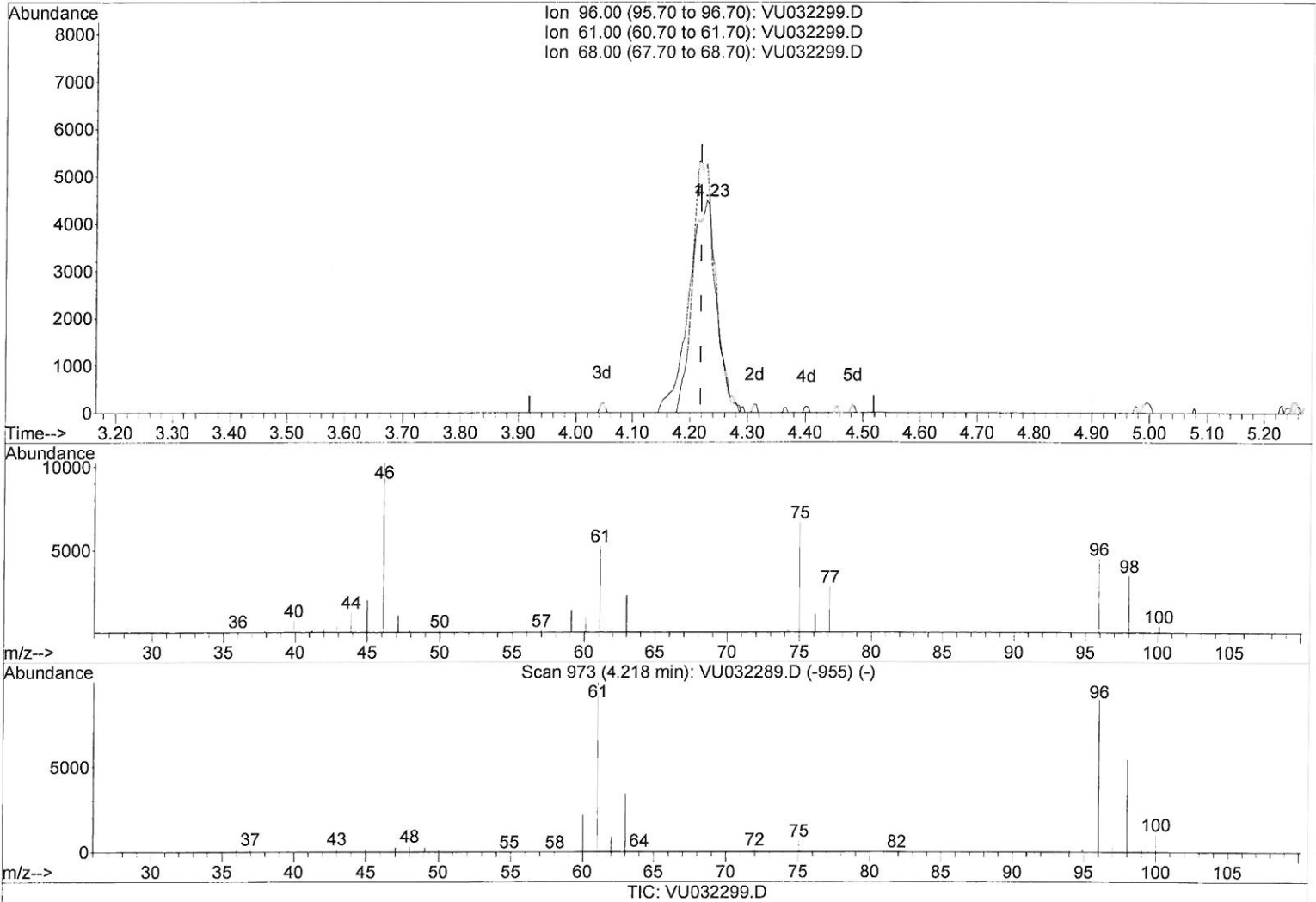
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(20) cis-1,2-Dichloroethene (T)

4.228min (+0.010) 2.00ug/L m

response 13011

Handwritten signature and date:
 5/30/19

Ion	Exp%	Act%
96.00	100	100
61.00	112.20	116.99
68.00	0.00	0.00
0.00	0.00	0.00

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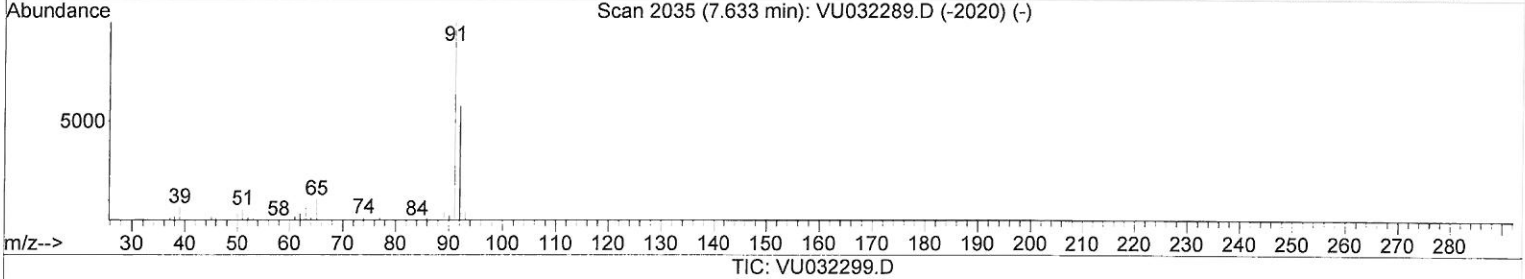
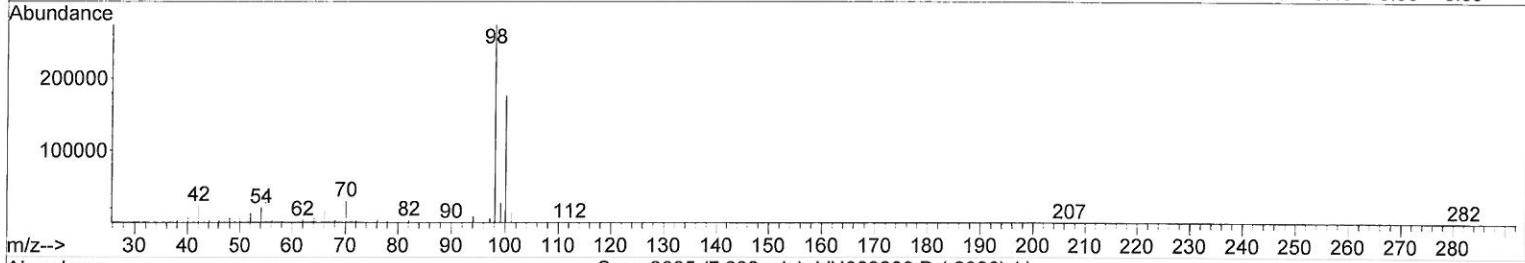
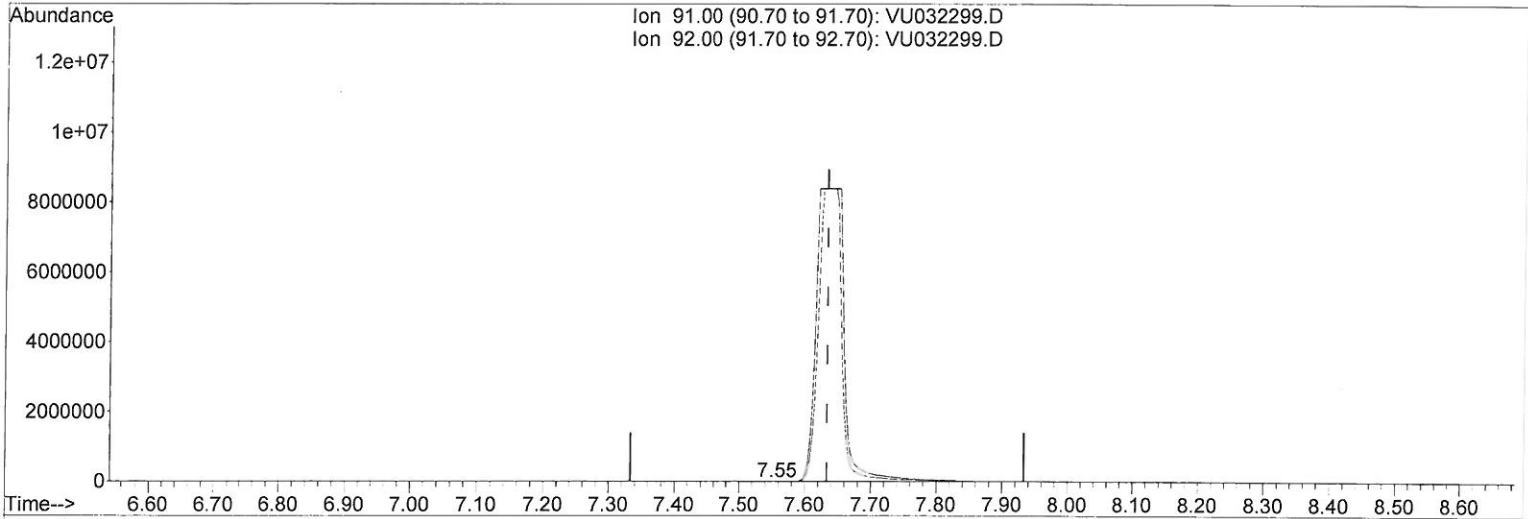
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(42) Toluene (T)

7.550min (-0.083) 0.00ug/L

response 55

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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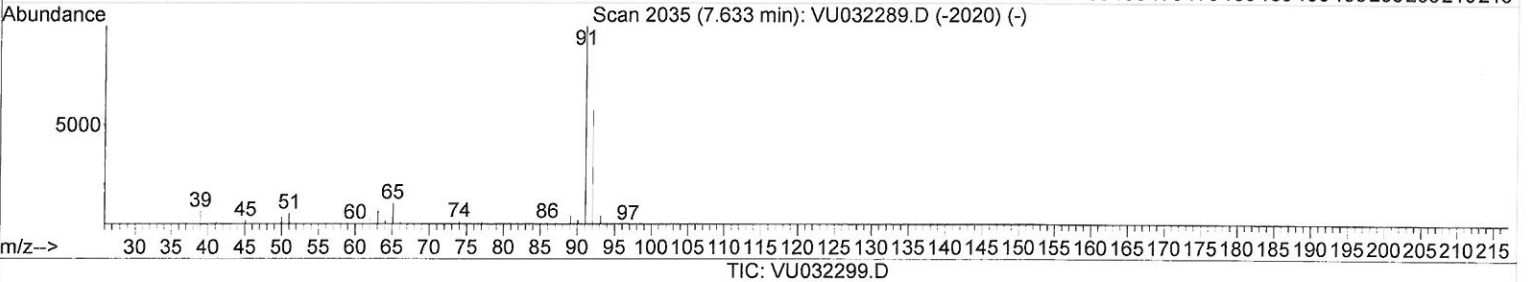
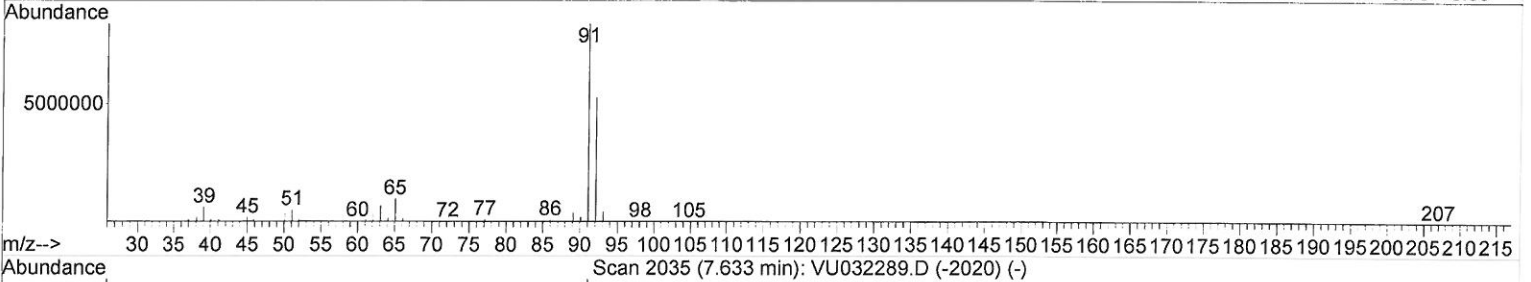
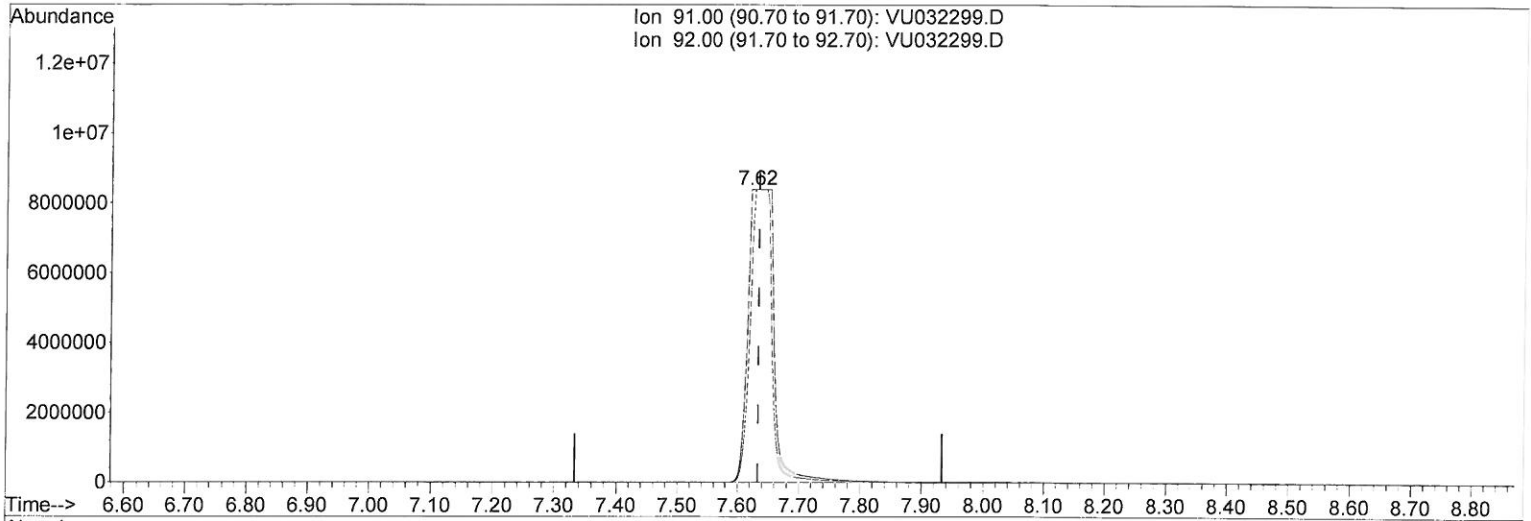
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(42) Toluene (T)

7.620min (-0.013) 1005.45ug/L m

response 24663926

7MB
5/13/19

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	62.76
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	5.88	114	796818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	814417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	381983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	238757	57.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.64%
7) Chloroethane-d5	1.67	69	214118	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.27	63	345235	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
21) 2-Butanone-d5	4.17	46	343299	86.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.39%
24) Chloroform-d	4.64	84	478010	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.30	65	297802	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
32) Benzene-d6	5.33	84	1018099	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.32	67	307488	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.56	98	927998	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	7.85	79	136021	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	248042	89.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	457326	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	396545	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
13) Acetone	2.32	43	4984	1.556	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	13011m	2.003	ug/L
29) Cyclohexane	4.99	56	14524	2.279	ug/L 95
35) Methylcyclohexane	6.41	83	100306	14.369	ug/L 97
42) Toluene	7.62	91	24663926m	1005.455	ug/L 100
52) Ethylbenzene	9.24	91	2162094	86.725	ug/L
53) m,p-Xylene	9.37	106	2495288	259.310	ug/L 99
54) o-xylene	9.77	106	789173	78.644	ug/L 97
56) Isopropylbenzene	10.16	105	43692	1.864	ug/L 99

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

MO
5/30/19