

# Quantitation Report (QT Reviewed)

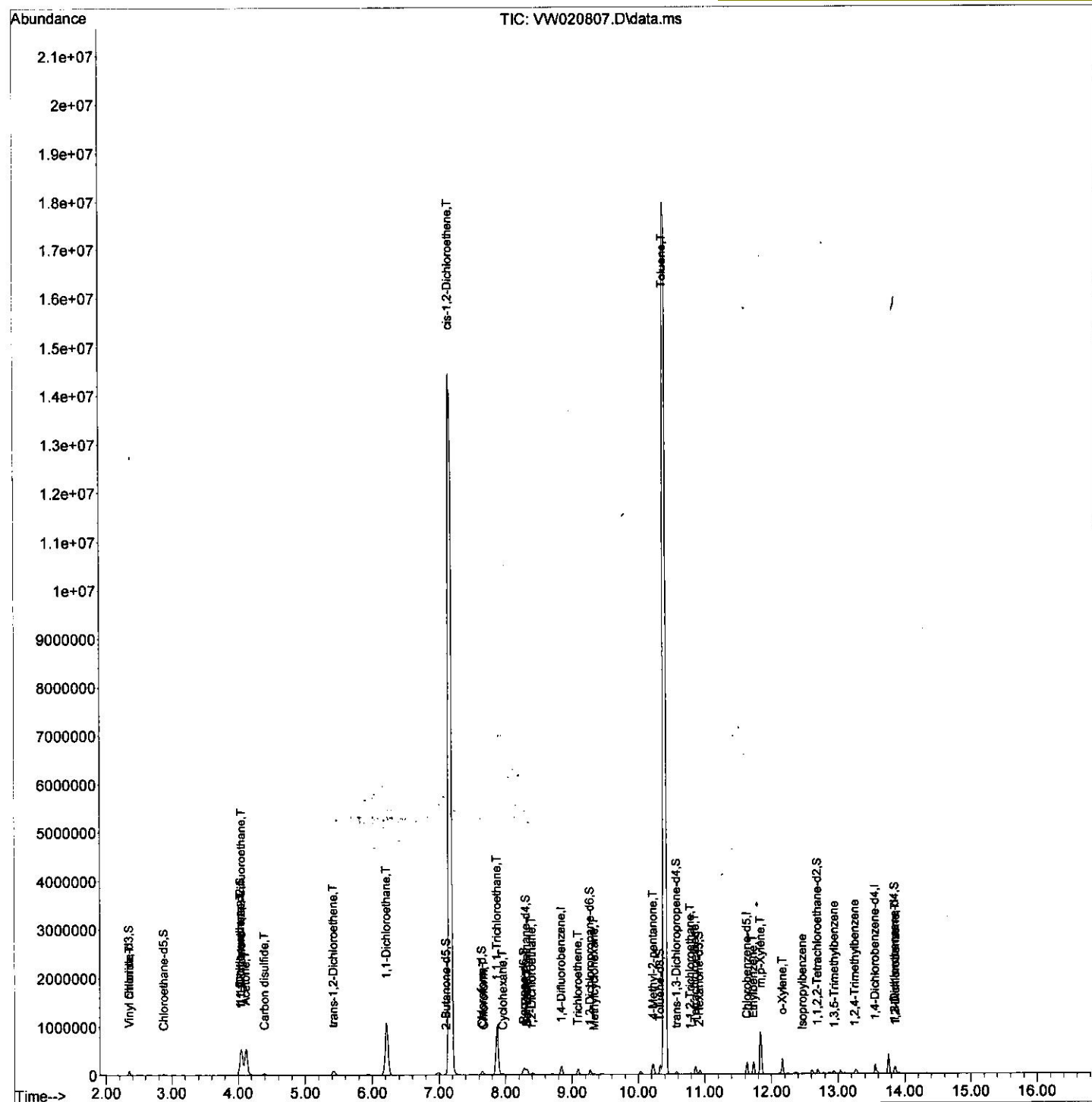
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110821\  
 Data File : VW020807.D  
 Acq On : 08 Nov 2021 13:42  
 Operator : SY/VA  
 Sample : M4464-06  
 Misc : 6.47g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 GB7K4

Quant Time: Nov 15 01:11:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 15 00:29:21 2021  
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021  
 Supervised By : Mahesh Dadoda 11/17/2021

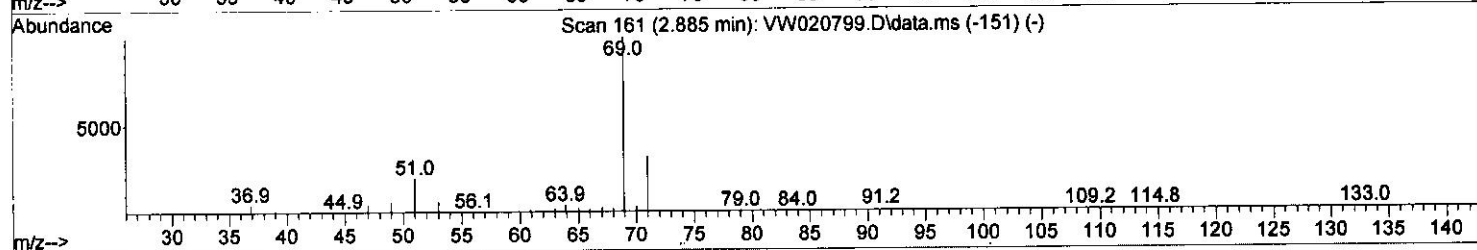
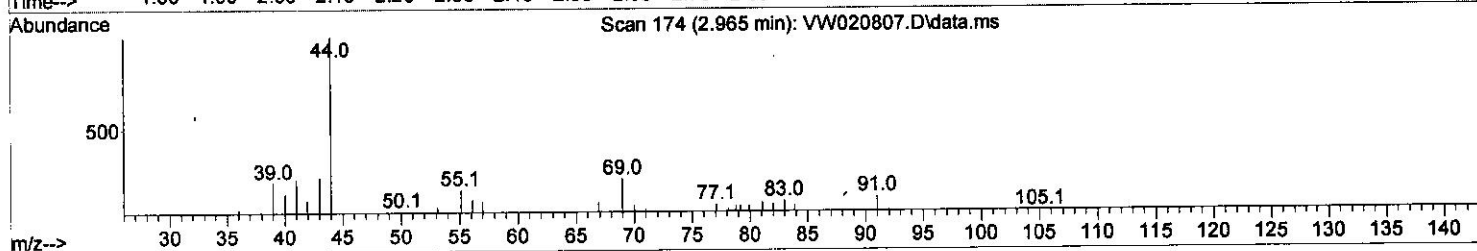
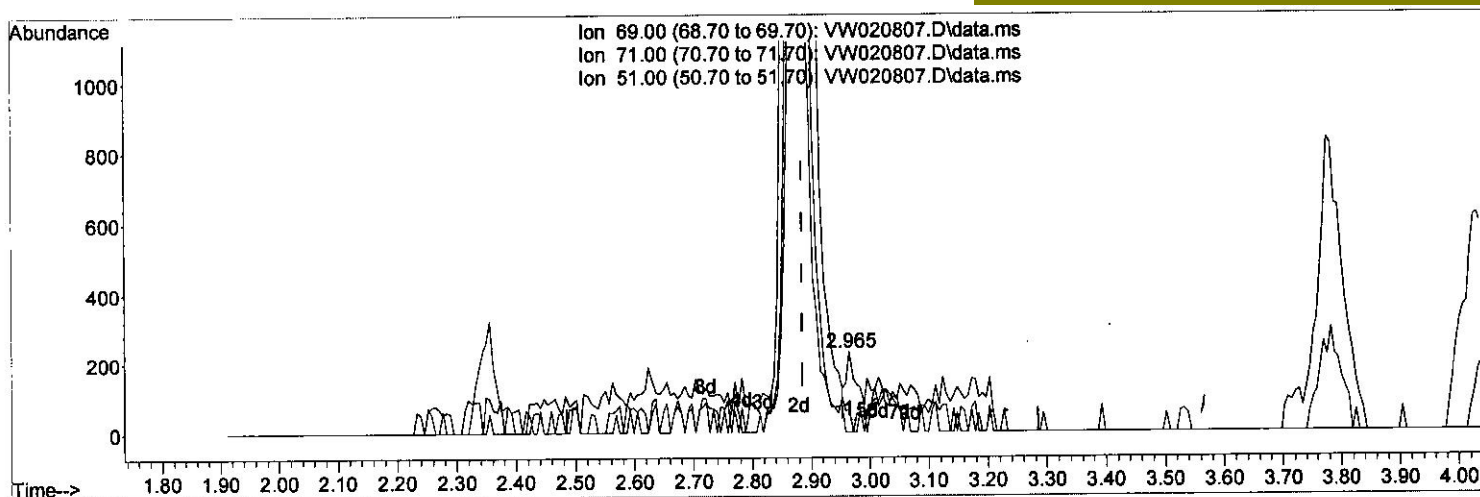


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TIC: VW020807.D\data.ms

(7) Chloroethane-d5 (8)

2.965min (+ 0.079) 0.30 ug/L

response 243

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.40	33.74
51.00	29.70	22.22
0.00	0.00	0.00

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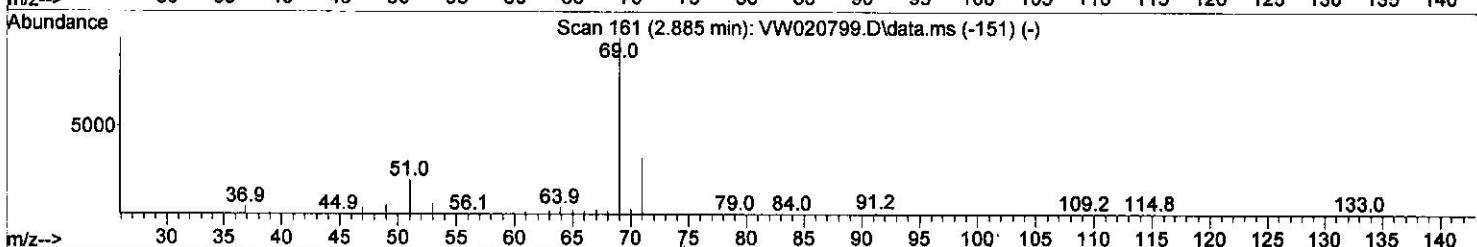
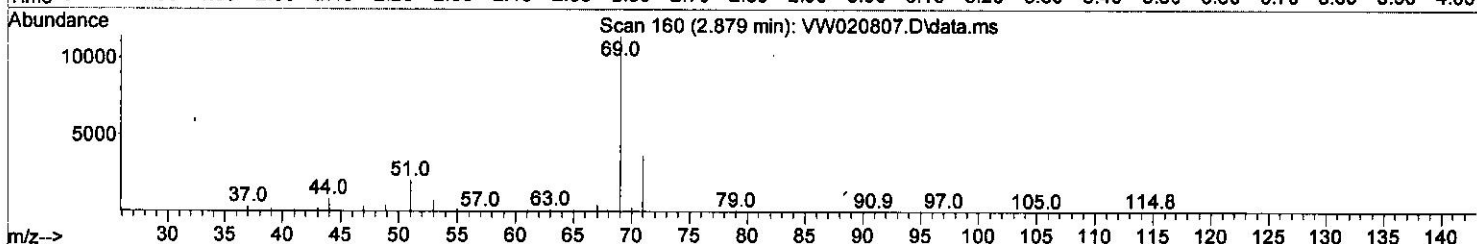
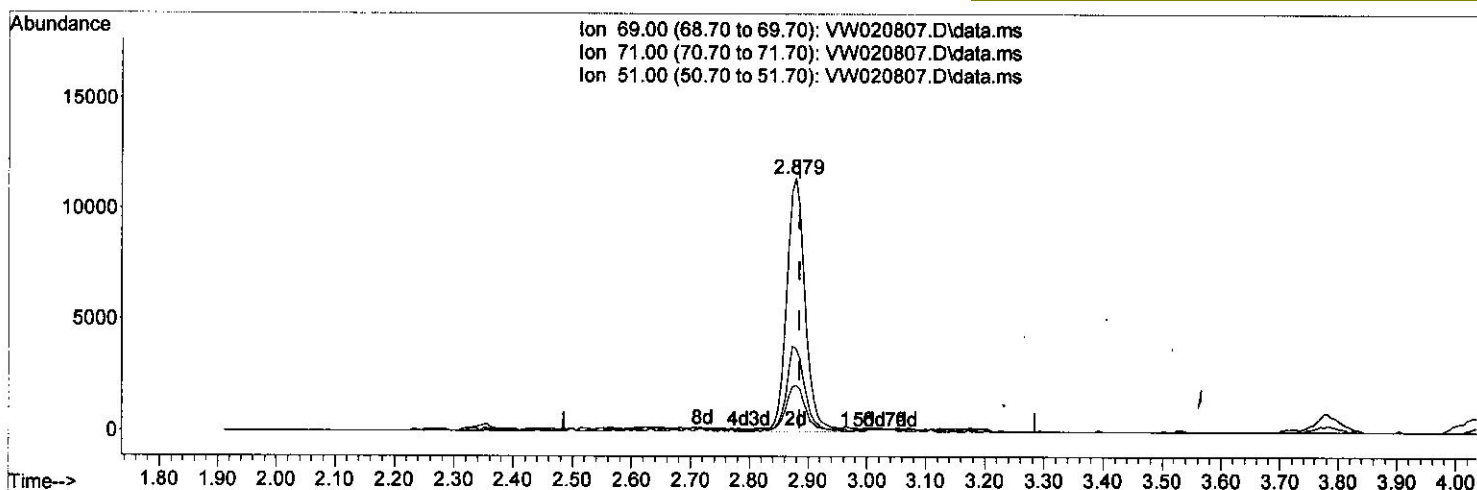
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(7) Chloroethane-d5 (S)

2.879min (-0.006) 30.70 ug/L m

response 24694

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.40	0.33#
51.00	29.70	0.22#
0.00	0.00	0.00

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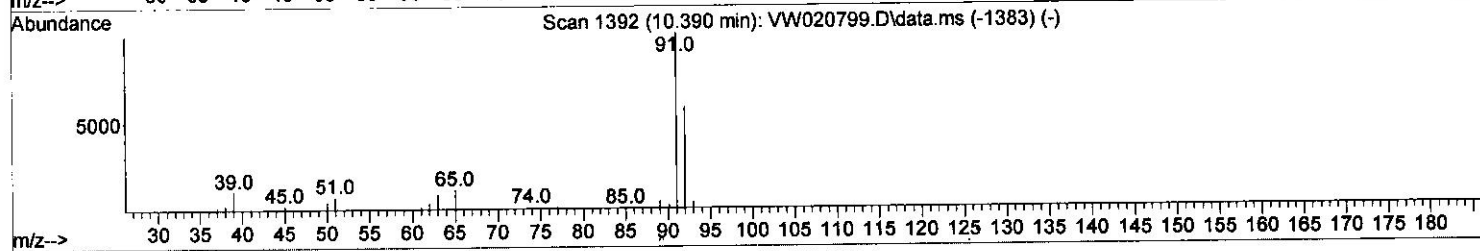
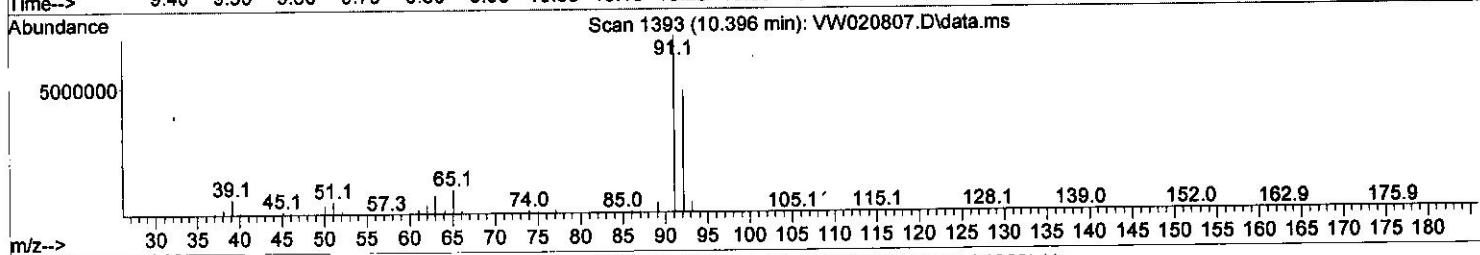
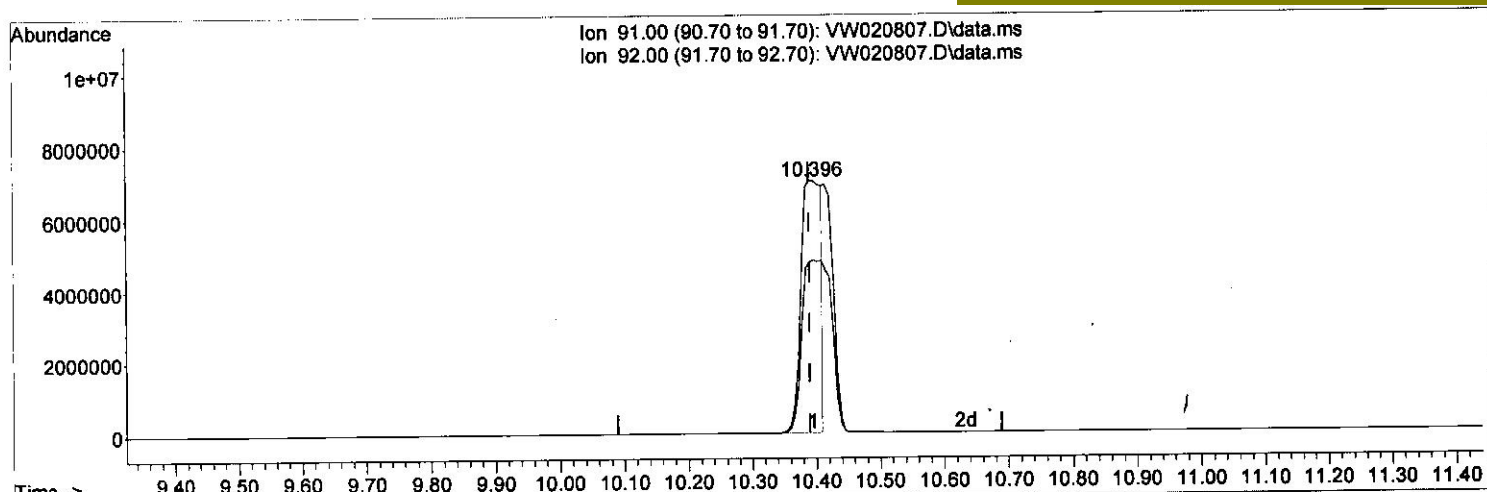
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(42) Toluene (T)

10.396min (+ 0.006) 1779.99 ug/L

response 15484816

Ion	Exp%	Act%
91.00	100.00	100.00
92.00	59.60	68.85
0.00	0.00	0.00
0.00	0.00	0.00

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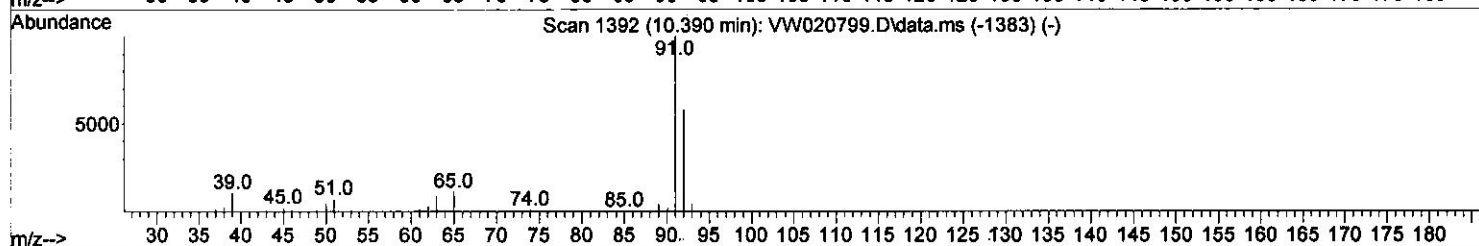
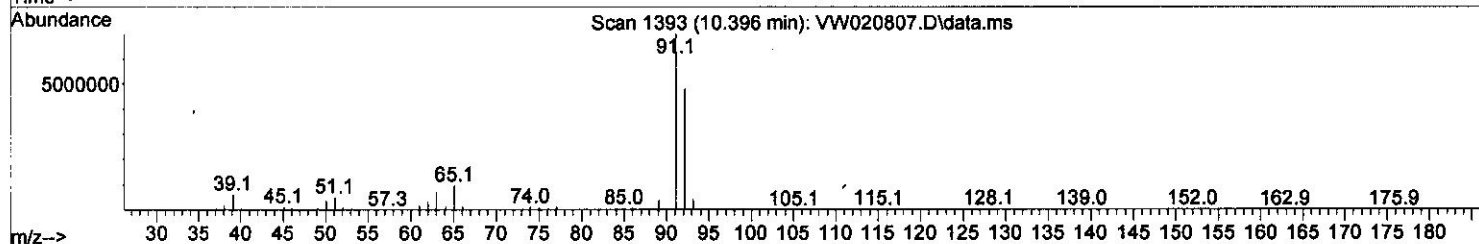
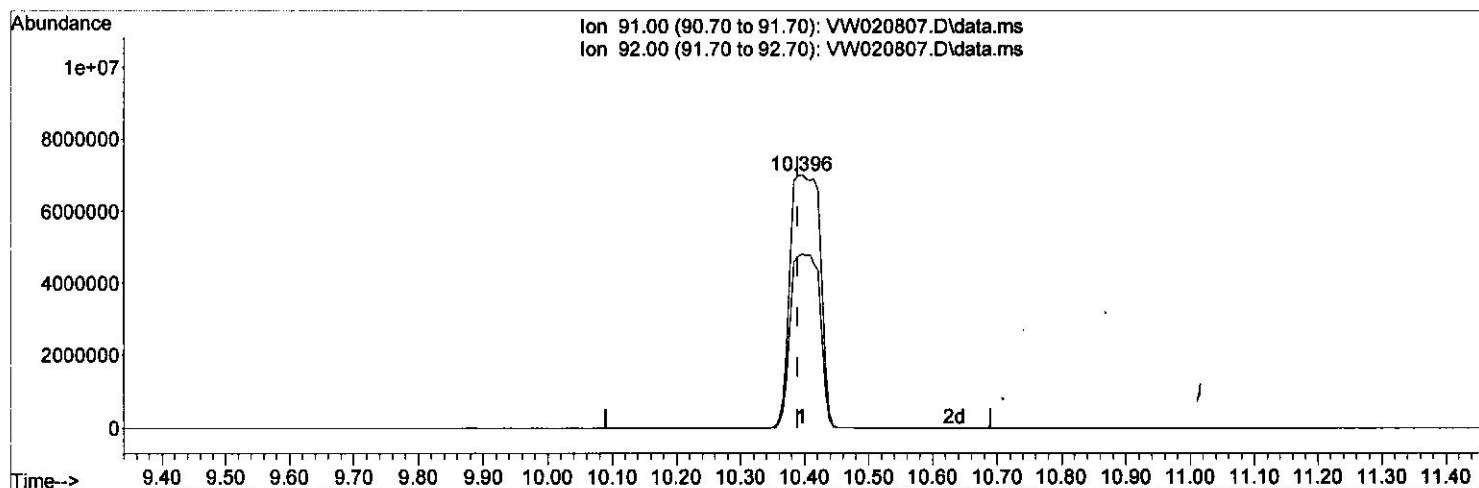
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(42) Toluene (T)

10.396min (+ 0.006)

2616.16 ug/L m

response 22758952

Ion	Exp%	Act%
91.00	100.00	100.00
92.00	59.60	68.85
0.00	0.00	0.00
0.00	0.00	0.00



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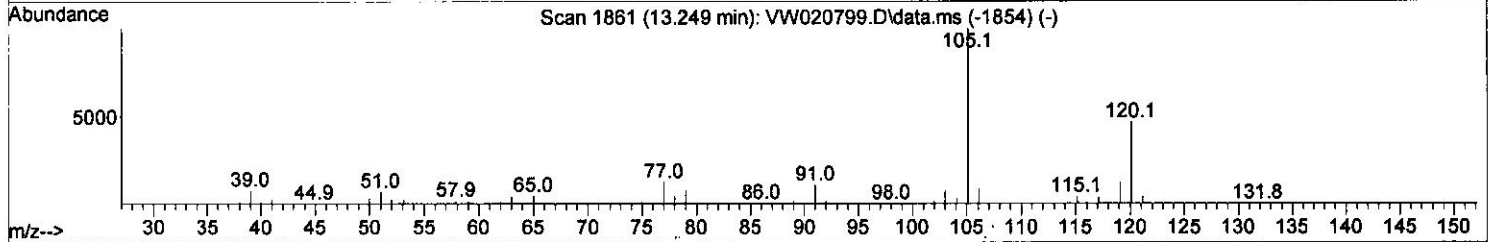
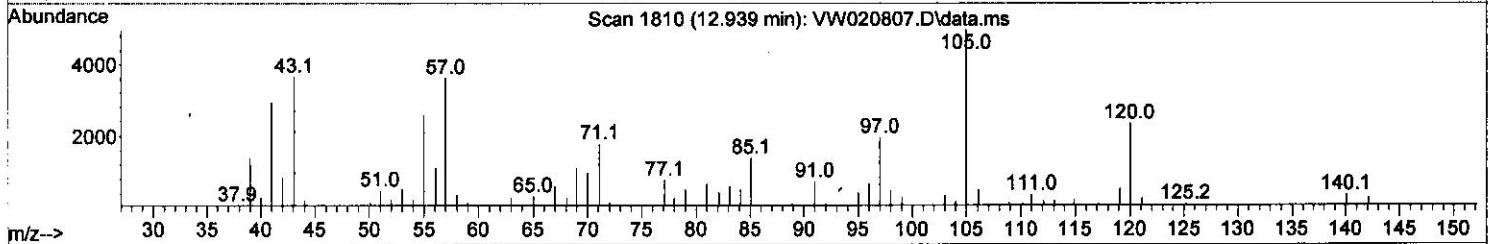
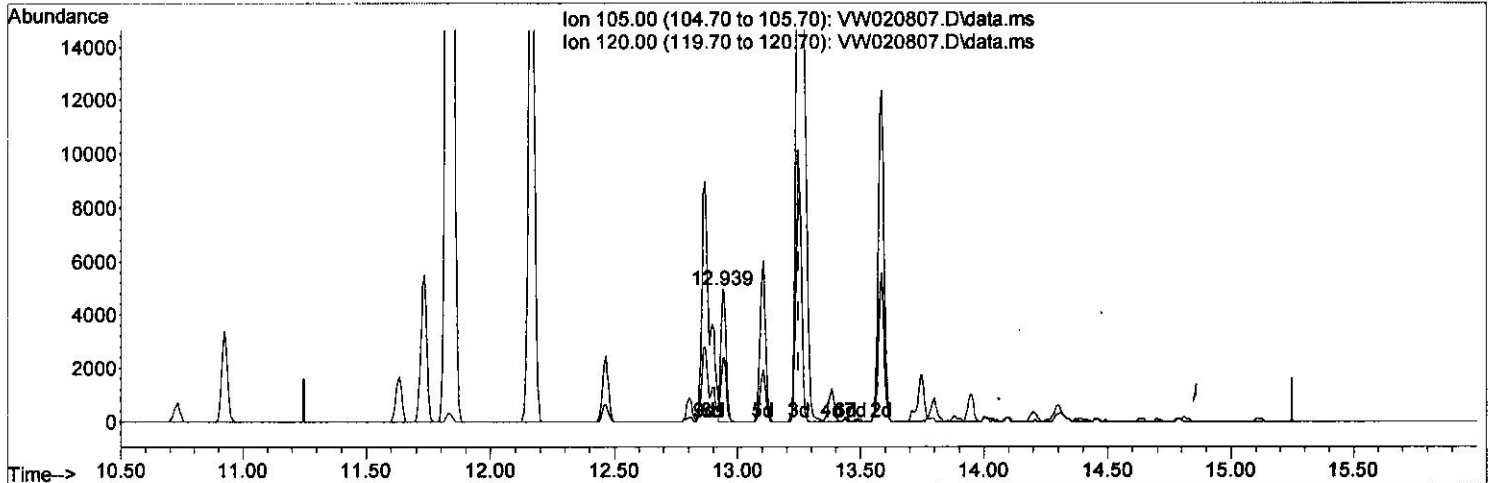
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TIC: VW020807.D\data.ms

(63) 1,2,4-Trimethylbenzene

12.939min (-0.311) 1.24 ug/L

response 7293

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	43.80	51.28
0.00	0.00	0.00
0.00	0.00	0.00

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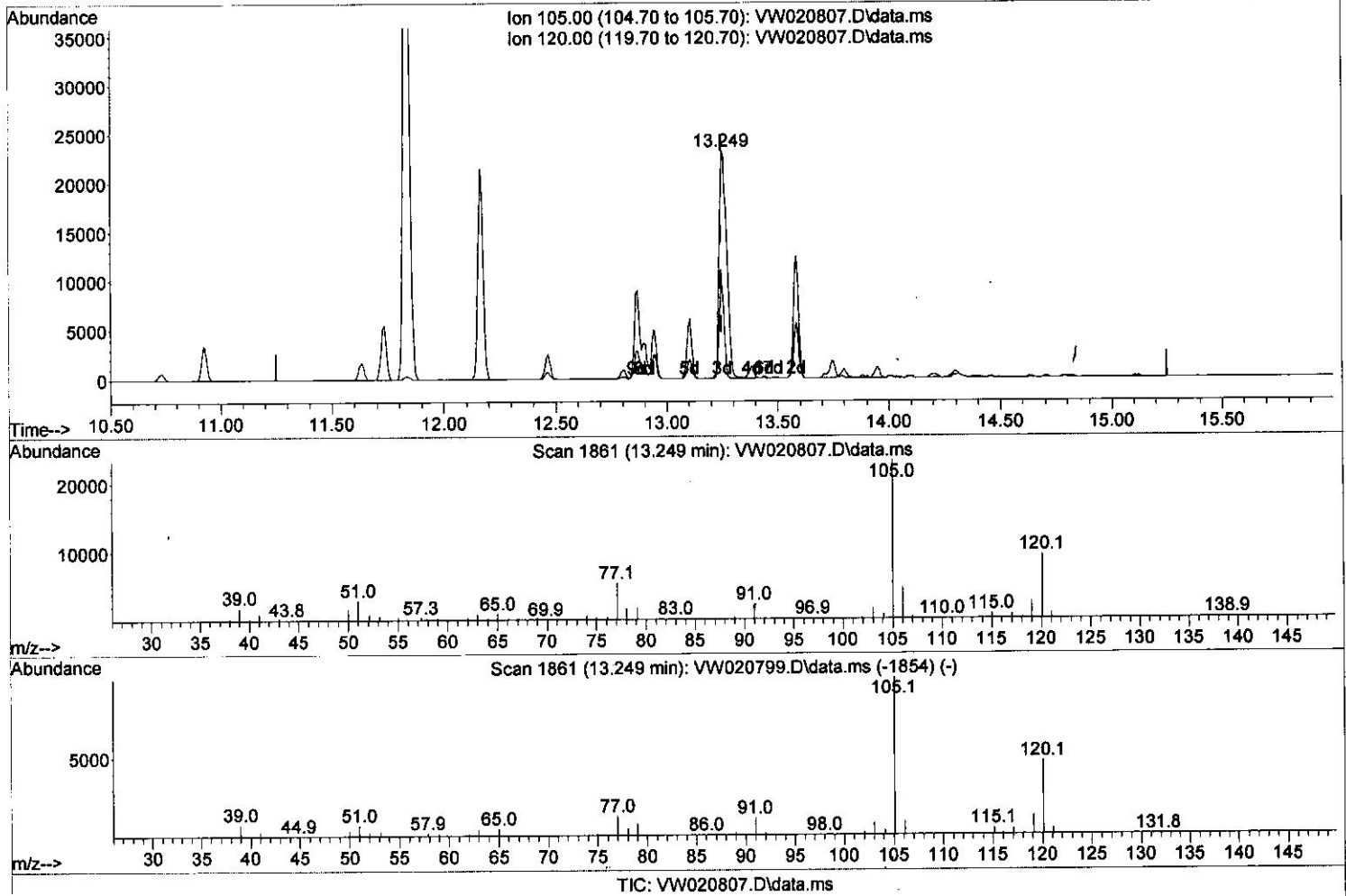
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(63) 1,2,4-Trimethylbenzene

13.249min (+ 0.000) 9.32 ug/L m

response 55003

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	43.80	6.80#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	135080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50178	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39212	27.762	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.040%			
7) Chloroethane-d5	2.879	69	24694m	30.705	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.800%			
11) 1,1-Dichloroethene-d2	4.032	63	152354	51.390	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 205.560%#			
21) 2-Butanone-d5	7.104	46	27469	58.560	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.120%			
24) Chloroform-d	7.647	84	73245	21.943	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.760%			
26) 1,2-Dichloroethane-d4	8.305	65	44568	25.081	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.320%			
32) Benzene-d6	8.275	84	144454	23.669	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.680%			
36) 1,2-Dichloropropane-d6	9.275	67	46408	24.560	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.240%			
41) Toluene-d8	10.329	98	139942	23.569	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.280%			
43) trans-1,3-Dichloroprop...	10.579	79	25355	27.054	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.200%			
47) 2-Hexanone-d5	10.921	63	24400	63.821	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.640%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43074	27.506	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.040%			
66) 1,2-Dichlorobenzene-d4	13.847	152	38275	24.272	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.080%			
Target Compounds						
5) Vinyl chloride	2.355	62	42129	18.223	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	166980	82.802	ug/L	91
12) 1,1-Dichloroethene	4.044	96	203106	105.678	ug/L #	64
13) Acetone	4.117	43	991337	2270.904	ug/L	94
14) Carbon disulfide	4.391	76	22383	3.858	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	54093	26.477	ug/L	85
19) 1,1-Dichloroethane	6.214	63	1543136	436.126	ug/L	98
20) cis-1,2-Dichloroethene	7.159	96	12316600	5719.095	ug/L #	63
25) Chloroform	7.671	83	6683	1.814	ug/L	98
27) 1,2-Dichloroethane	8.397	62	32919	13.805	ug/L	95
29) Cyclohexane	7.958	56	14288	4.054	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	817478	254.661	ug/L	94
33) Benzene	8.324	78	76344	9.437	ug/L	100
34) Trichloroethene	9.092	95	38561	17.907	ug/L	89
35) Methylcyclohexane	9.336	83	4160	1.107	ug/L #	80
40) 4-Methyl-2-pentanone	10.220	43	172667	137.934	ug/L #	95
42) Toluene	10.396	91	22758952m	2616.159	ug/L	
45) 1,1,2-Trichloroethane	10.787	97	7804	5.490	ug/L	94



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46) Tetrachloroethene	10.860	164	37277	19.300	ug/L	96
52) Ethylbenzene	11.731	91	173939	17.846	ug/L	99
53) m,p-Xylene	11.835	106	260380	66.676	ug/L	97
54) o-Xylene	12.164	106	85572	23.132	ug/L	94
60) Isopropylbenzene	12.463	105	3881	0.561	ug/L	95
62) 1,3,5-Trimethylbenzene	12.939	105	7293	1.227	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	55003m	9.317	ug/L	
67) 1,2-Dichlorobenzene	13.865	146	6943	2.451	ug/L	95

M<sup>2</sup>  
 11) 22121

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