

Quantitation Report (QT/LSC Reviewed)

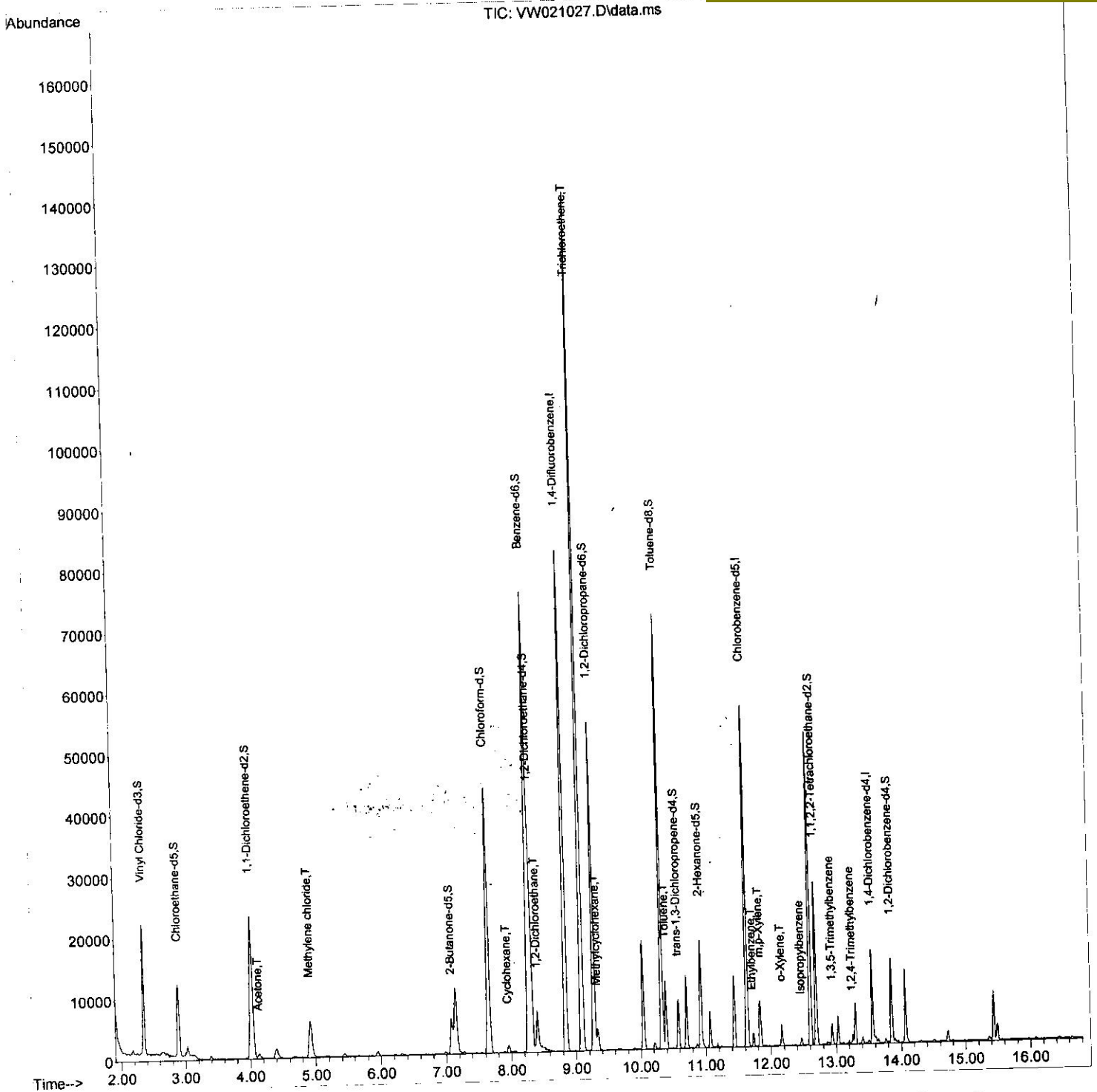
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021027.D
 Acq On : 02 Dec 2021 06:16
 Operator : SY/VA
 Sample : M4881-15
 Misc : 4.31g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 EW9F1

Quant Time: Dec 03 00:23:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021



Quantitation Report (Qedit)

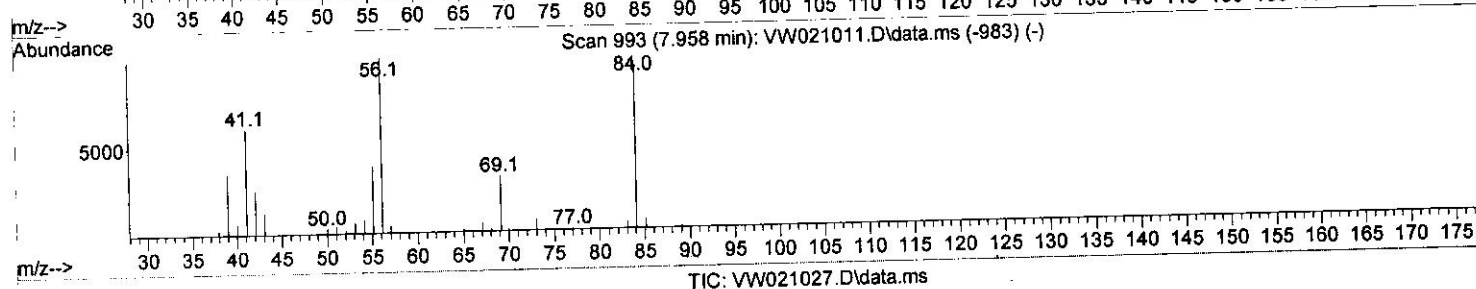
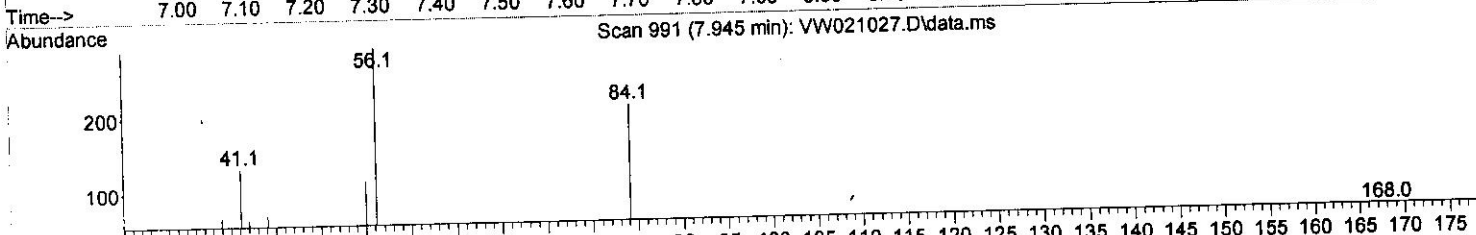
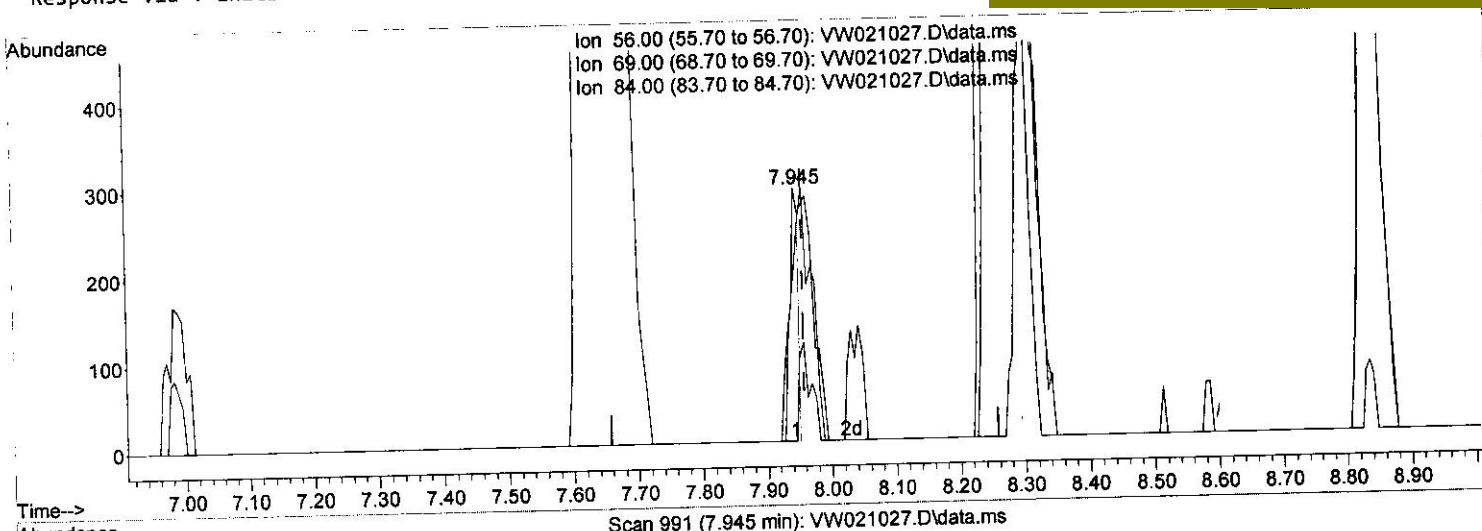
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(29) Cyclohexane (T)

7.945min (-0.012) 0.48 ug/L

response 336

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	29.40	28.27
84.00	79.30	132.14#
0.00	0.00	0.00

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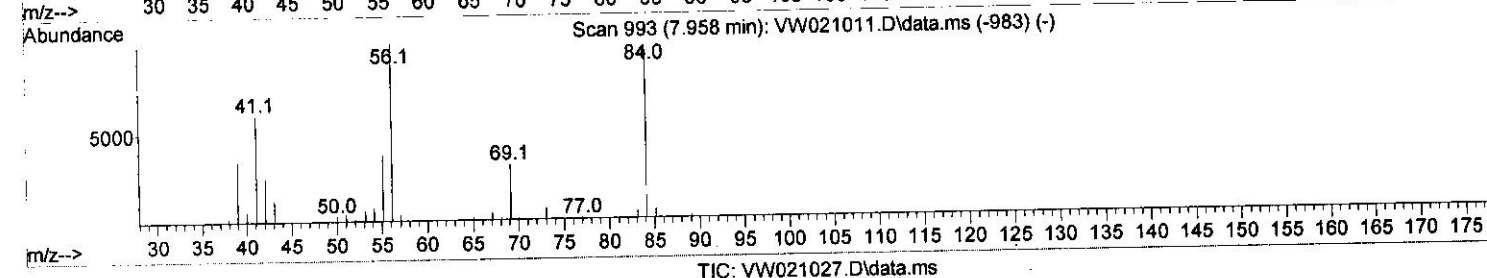
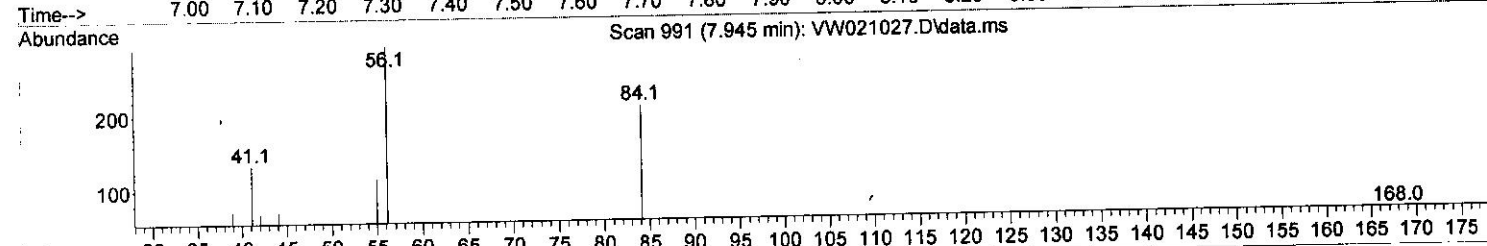
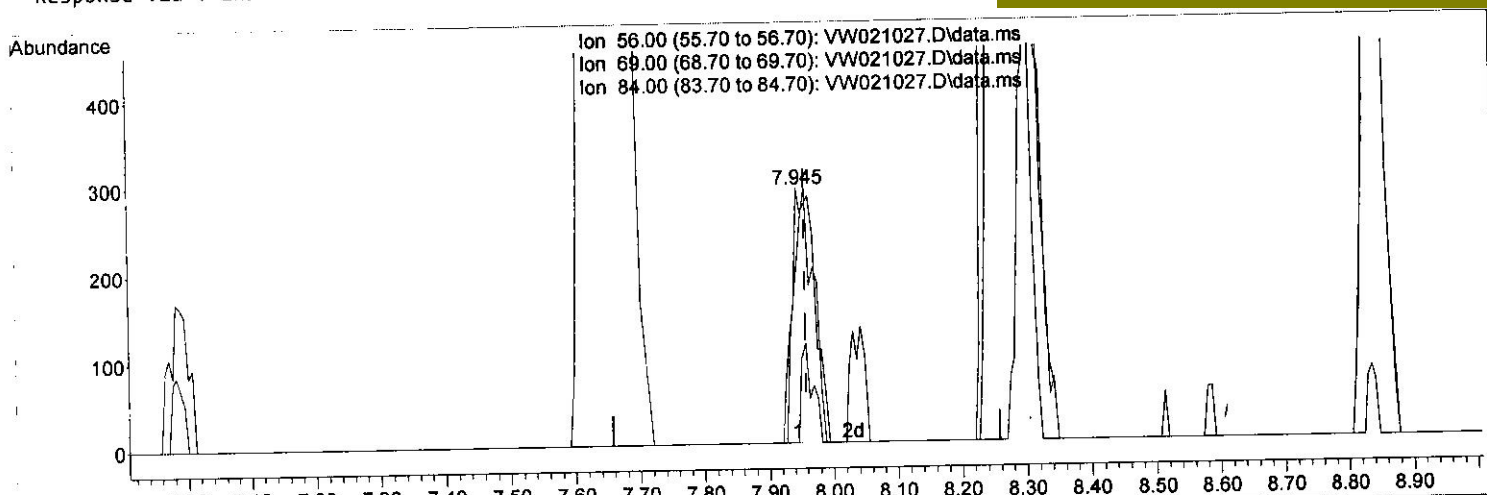
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(29) Cyclohexane (T)

7.945min (-0.012) 1.04 ug/L m

response 726

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	29.40	13.09#
84.00	79.30	61.16#
0.00	0.00	0.00

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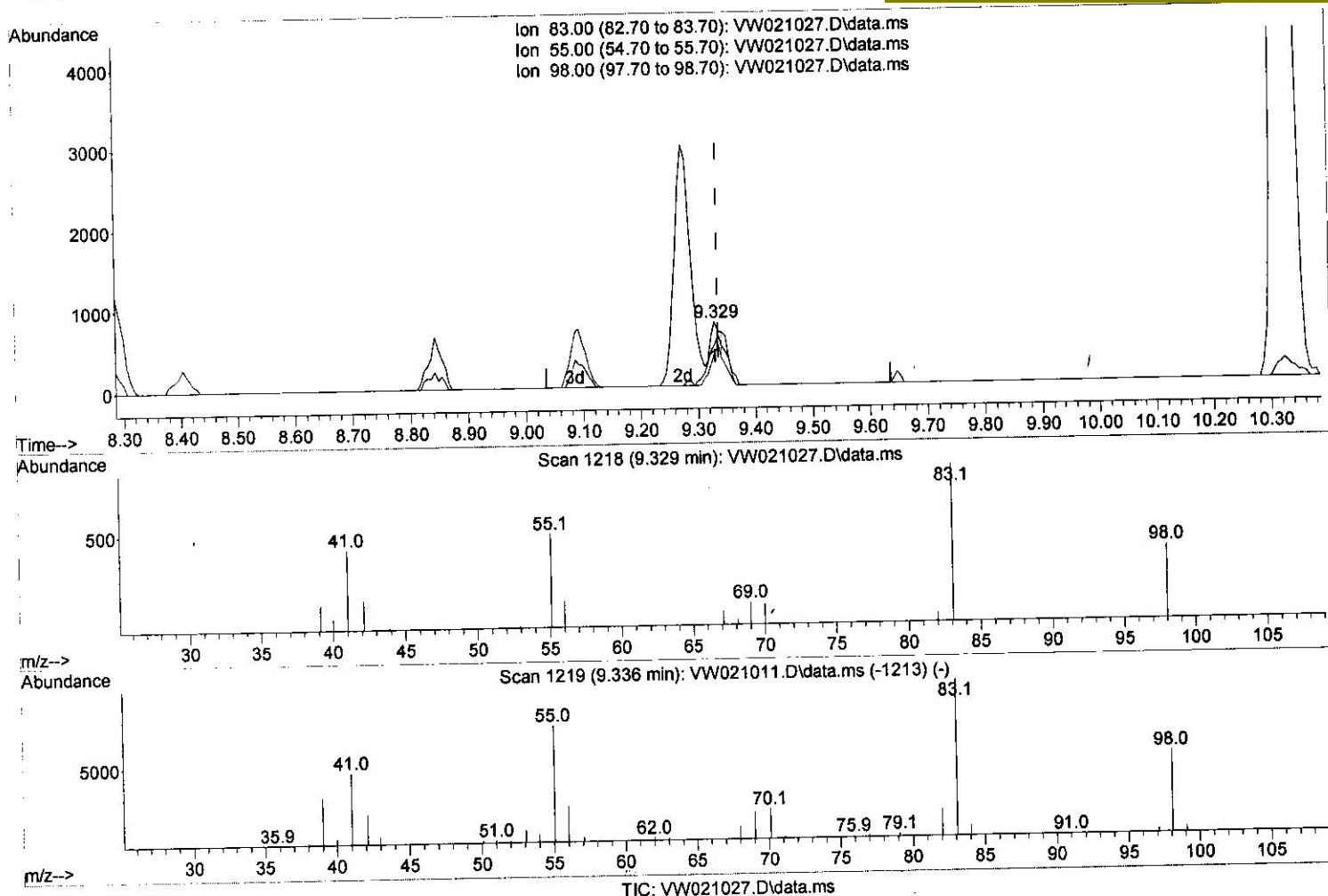
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(35) Methylcyclohexane (T)

9.329min (-0.006) 0.82 ug/L

response 668

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	88.50	186.98#
98.00	47.10	118.86#
0.00	0.00	0.00

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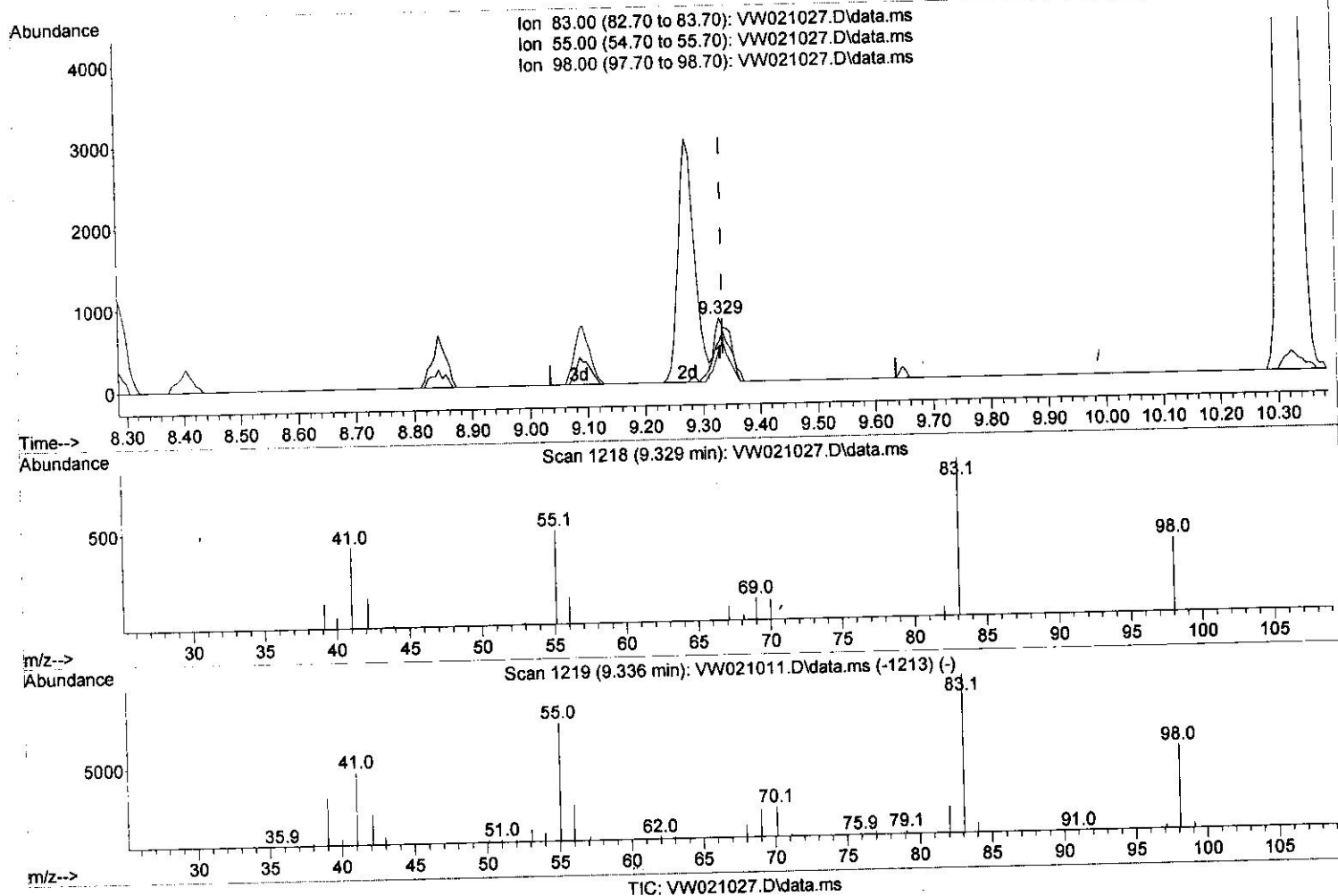
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(35) Methylcyclohexane (T)

9.329min (-0.006) 1.88 ug/L m

response 1531

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	88.50	81.58
98.00	47.10	51.86
0.00	0.00	0.00

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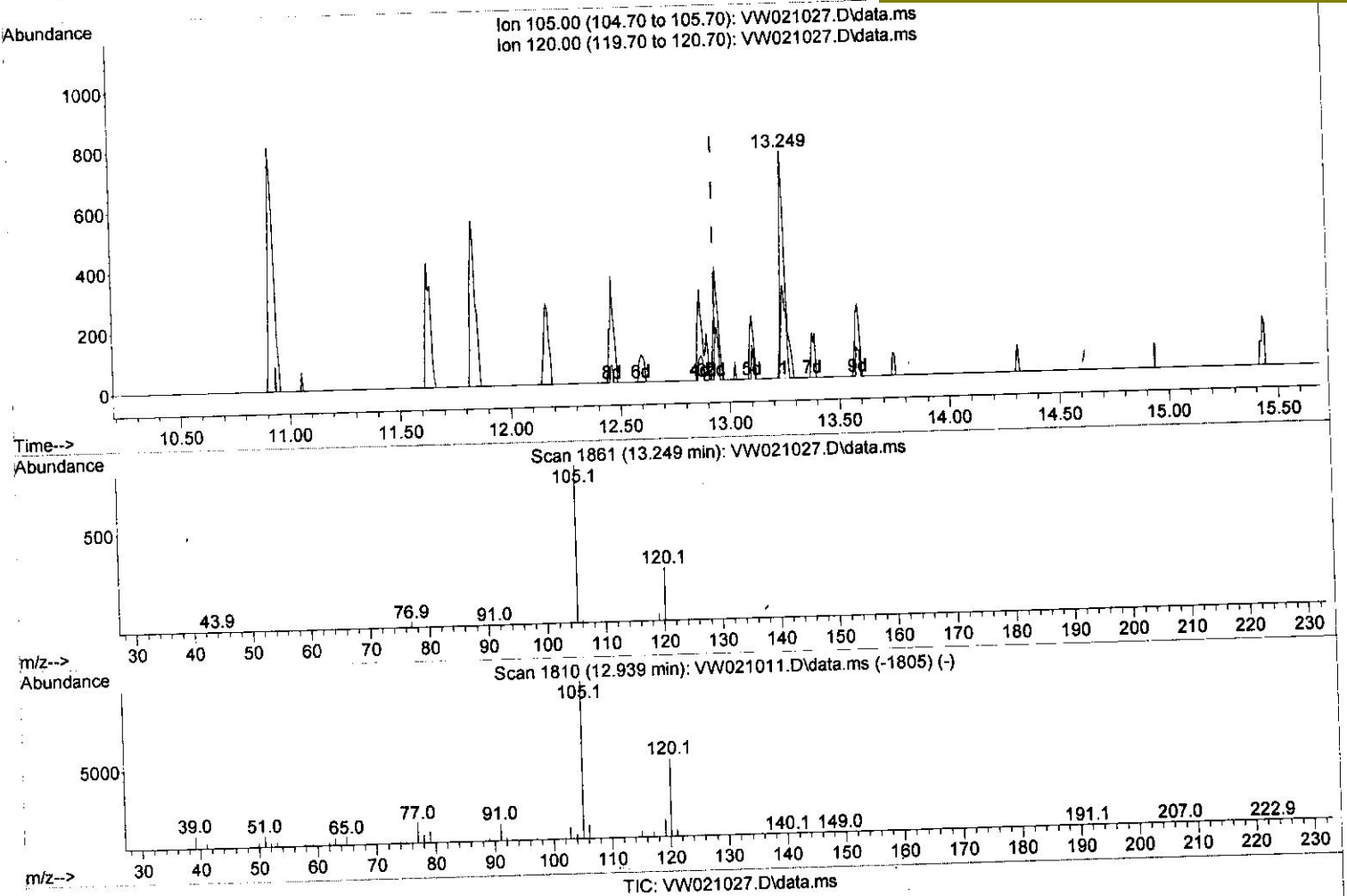
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(62) 1,3,5-Trimethylbenzene

13.249min (+ 0.311) 2.31 ug/L

response 1157

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	46.80	42.78
0.00	0.00	0.00
0.00	0.00	0.00

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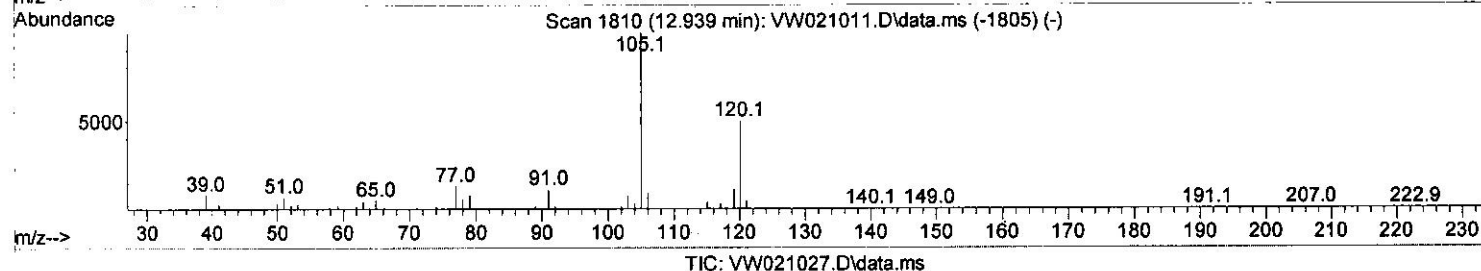
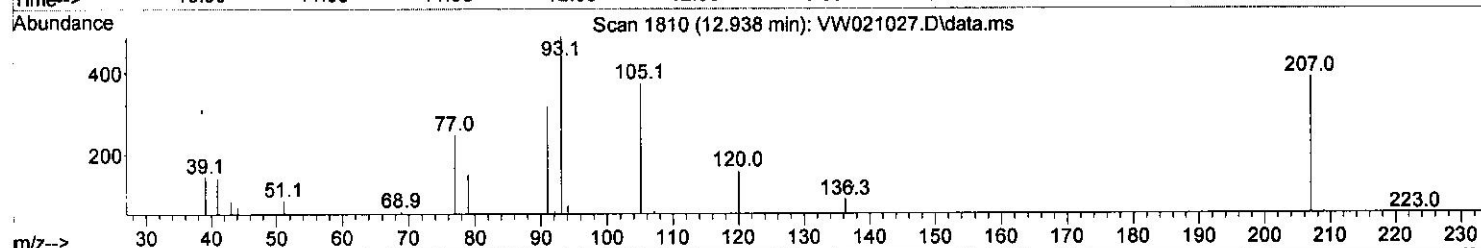
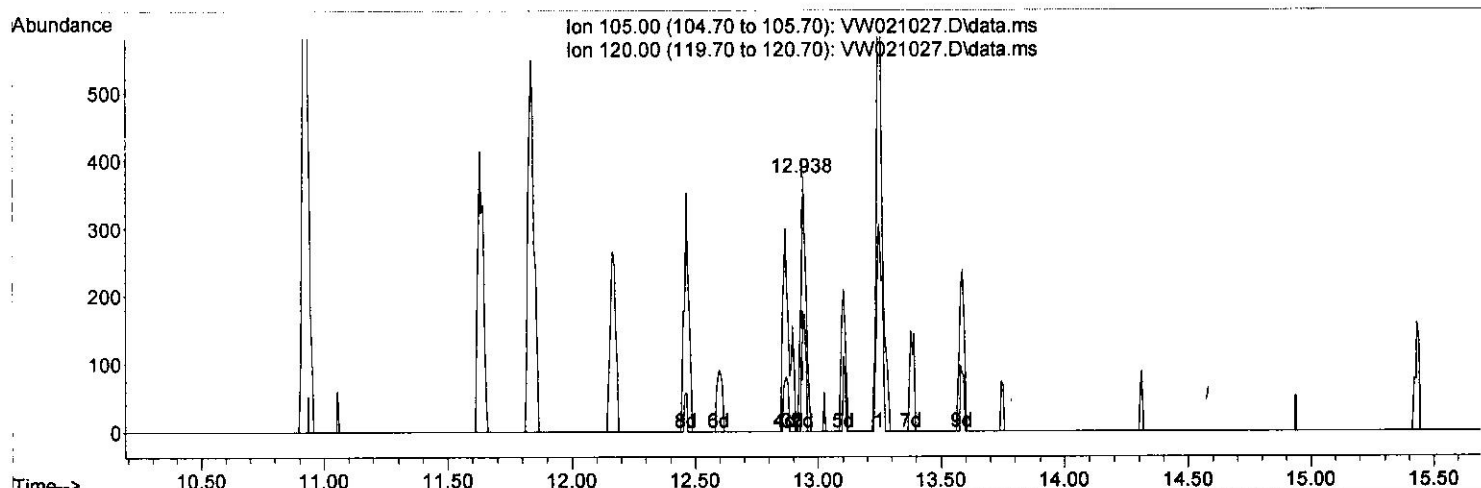
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TIC: VW021027.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.938min (-0.000) 1.09 ug/L m

response 545

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	46.80	90.83#
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	70427	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	31250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4367	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18768	22.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
7) Chloroethane-d5	2.885	69	13542	25.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	4.013	63	22170	14.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.120%
21) 2-Butanone-d5	7.080	46	9505	46.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.240%
24) Chloroform-d	7.647	84	43506	24.517	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.305	65	21185	23.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.275	84	71153	43.201	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	172.800%#
36) 1,2-Dichloropropane-d6	9.274	67	22482	47.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	191.760%#
41) Toluene-d8	10.323	98	45964	28.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.480%
43) trans-1,3-Dichloroprop...	10.579	79	4360	19.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.680%
47) 2-Hexanone-d5	10.927	63	5882	75.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.240%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12148	33.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	3668	23.566	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%

Target Compounds				Qvalue		
13) Acetone	4.129	43	1627	8.937	ug/L	94
16) Methylene chloride	4.915	84	4667	4.751	ug/L #	70
27) 1,2-Dichloroethane	8.403	62	5317	5.098	ug/L #	90
29) Cyclohexane	7.945	56	726m	1.042	ug/L	
34) Trichloroethene	9.092	95	45563	92.064	ug/L	90
35) Methylcyclohexane	9.329	83	1531m	1.876	ug/L	
42) Toluene	10.390	91	8165	4.103	ug/L	90
52) Ethylbenzene	11.725	91	1770	0.803	ug/L	98
53) m,p-Xylene	11.835	106	2475	2.749	ug/L	83
54) o-Xylene	12.164	106	1021	1.181	ug/L	76
60) Isopropylbenzene	12.463	105	467	0.785	ug/L #	68
62) 1,3,5-Trimethylbenzene	12.938	105	545m	1.086	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	1157	2.337	ug/L	98

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