Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013794.D
Acq On : 29 Oct 2019 15:35
Operator : SY/VA
Sample : K5535-06RE
Misc : 6.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 02:54:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Manual Integrations APPROVED
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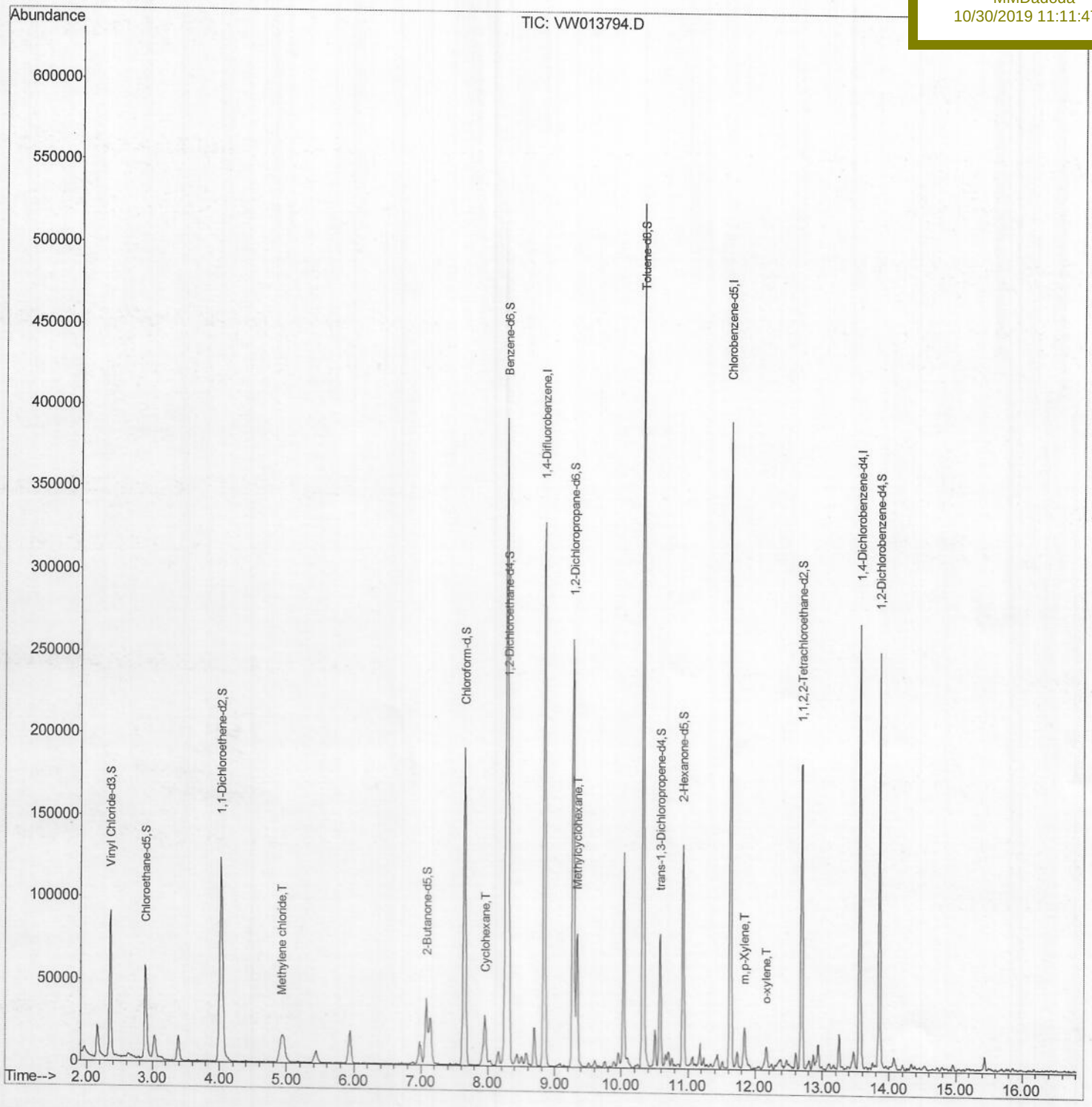
10/30/2019 11:11:47 AM



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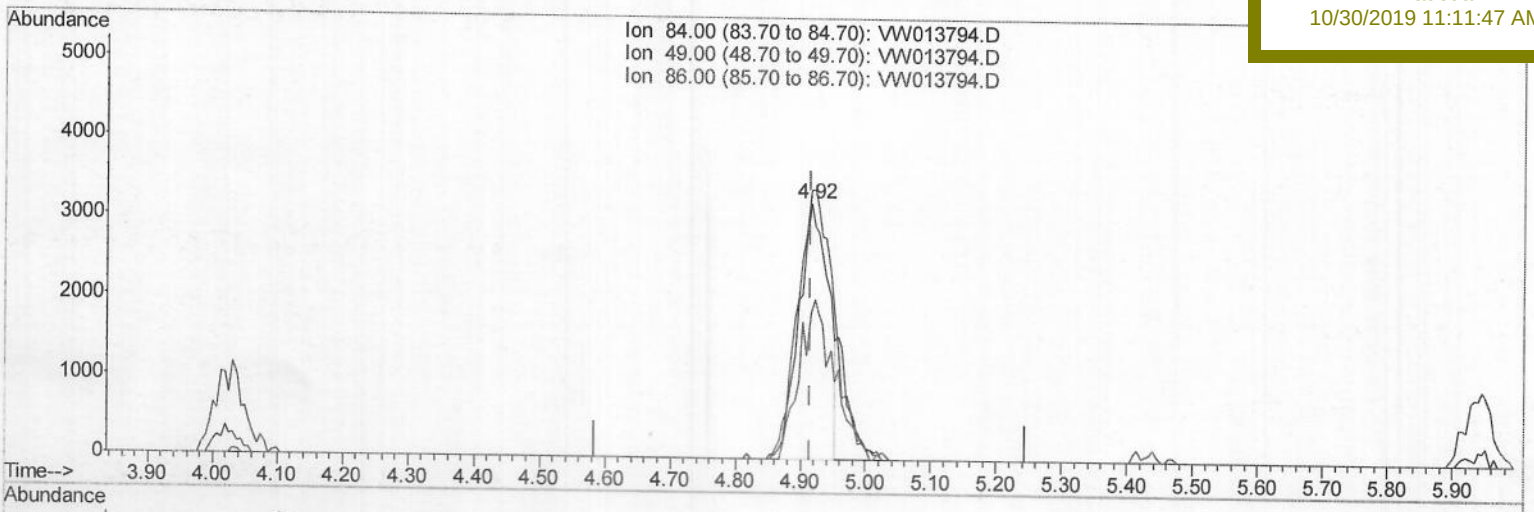

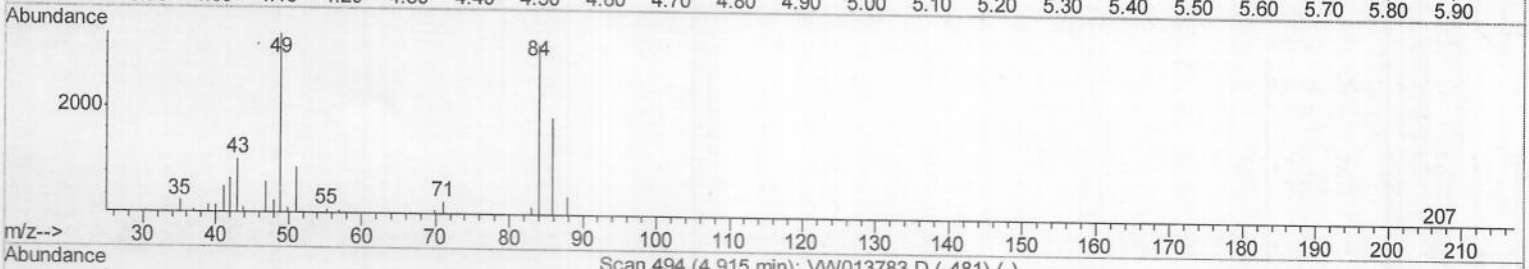

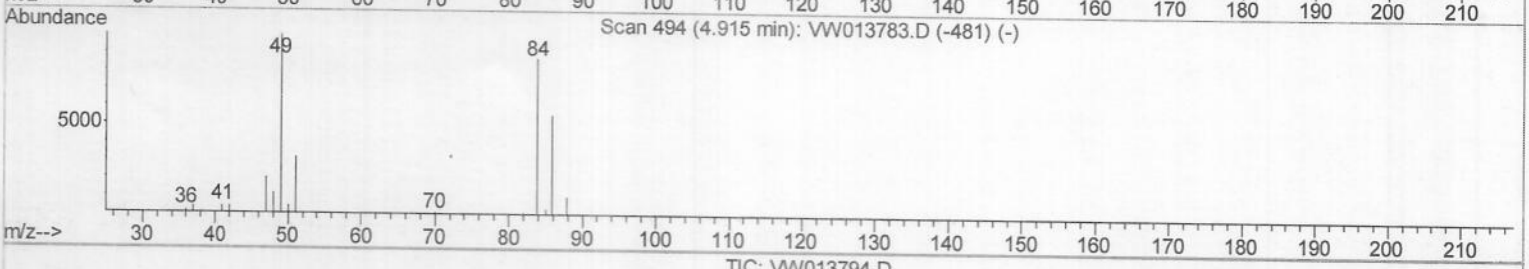

TIC: VW013794.D

(16) Methylene chloride (T)

4.915min (-0.000) 1.77ug/L

response 10047

Ion	Exp%	Act%
84.00	100	100
49.00	114.50	105.18
86.00	61.00	57.22
0.00	0.00	0.00

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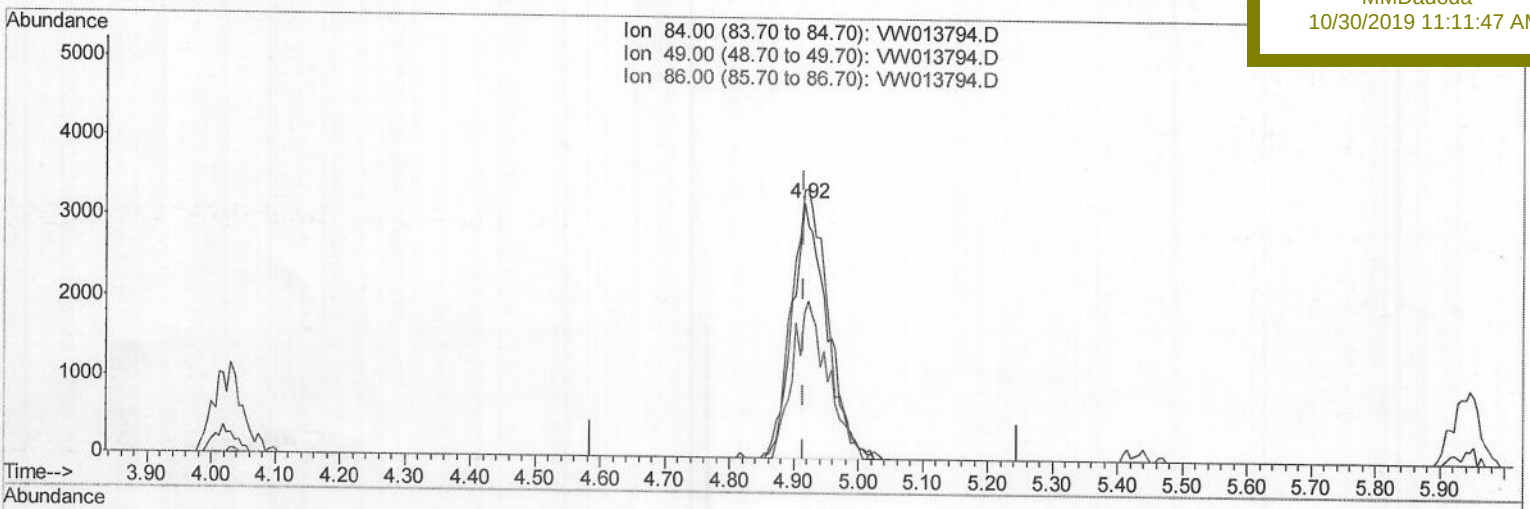

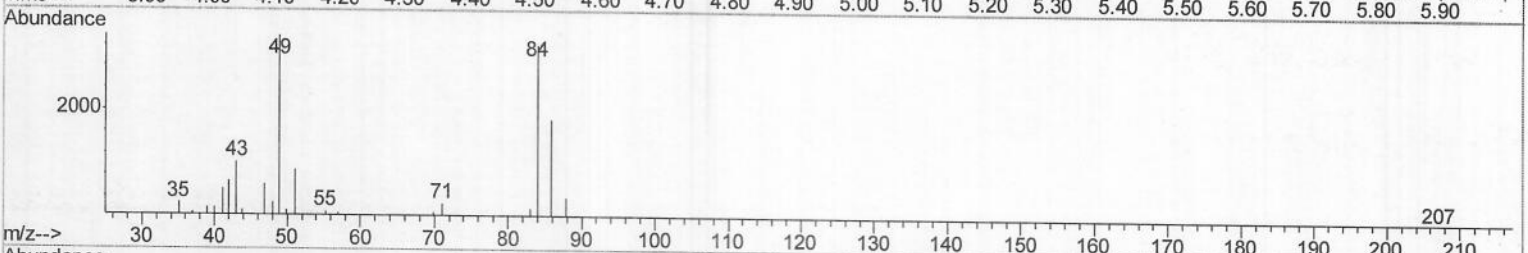

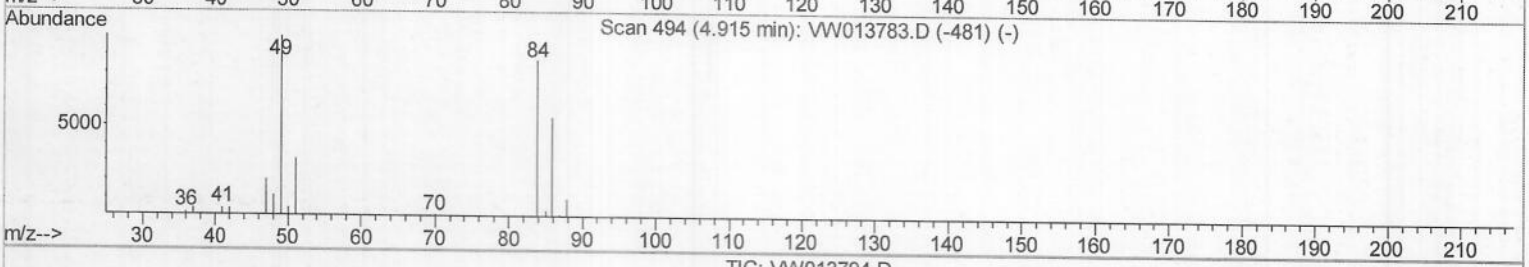

TIC: VW013794.D

(16) Methylene chloride (T)

4.915min (-0.000) 2.13ug/L m

response 12080

> MD 11/07/19

Ion	Exp%	Act%
84.00	100	100
49.00	114.50	105.18
86.00	61.00	57.22
0.00	0.00	0.00

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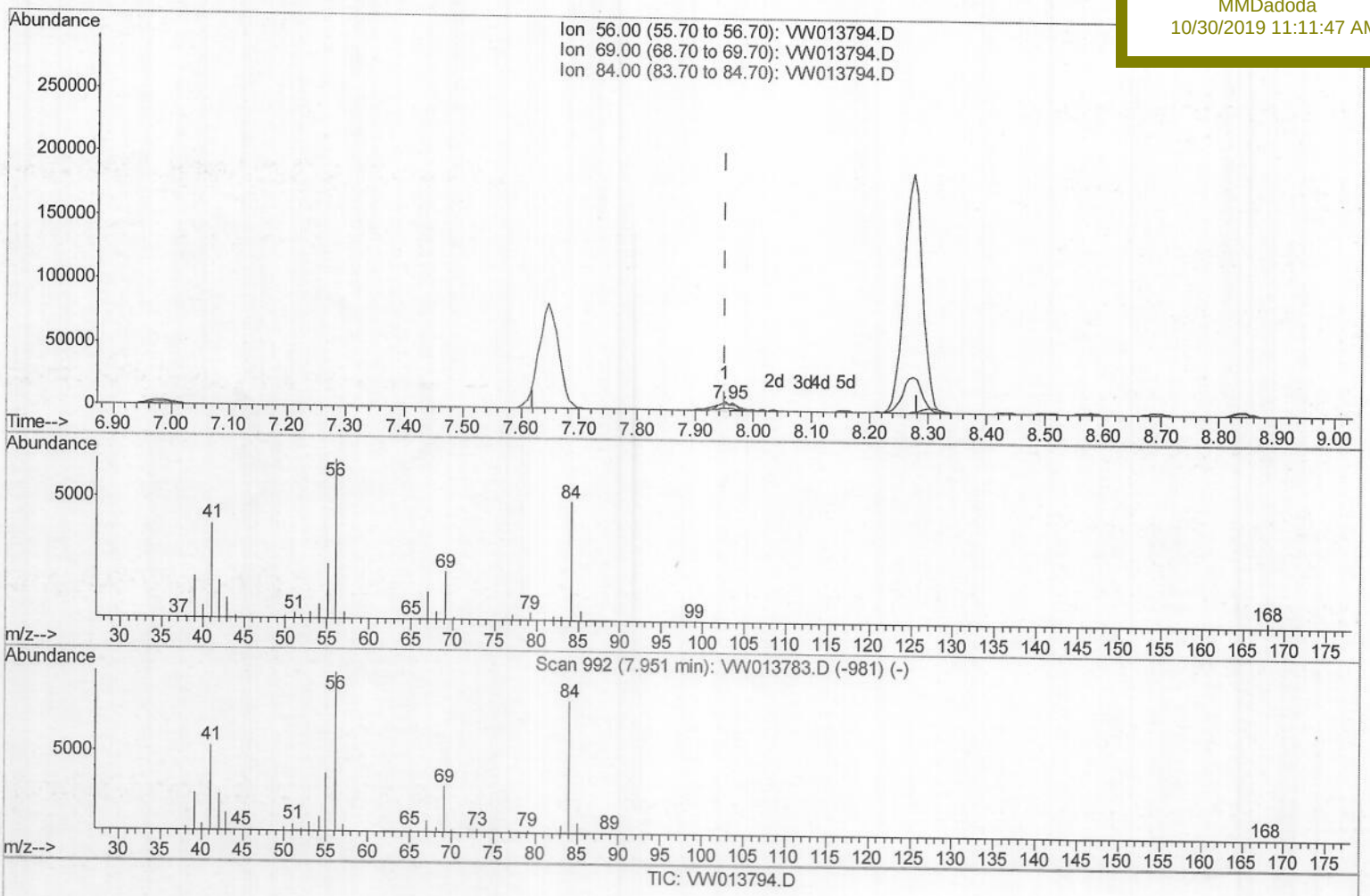

TIC: VW013794.D

(30) Cyclohexane (T)

7.951min (-0.000) 1.60ug/L

response 11048

Ion	Exp%	Act%
56.00	100	100
69.00	30.80	46.99#
84.00	88.90	129.76#
0.00	0.00	0.00

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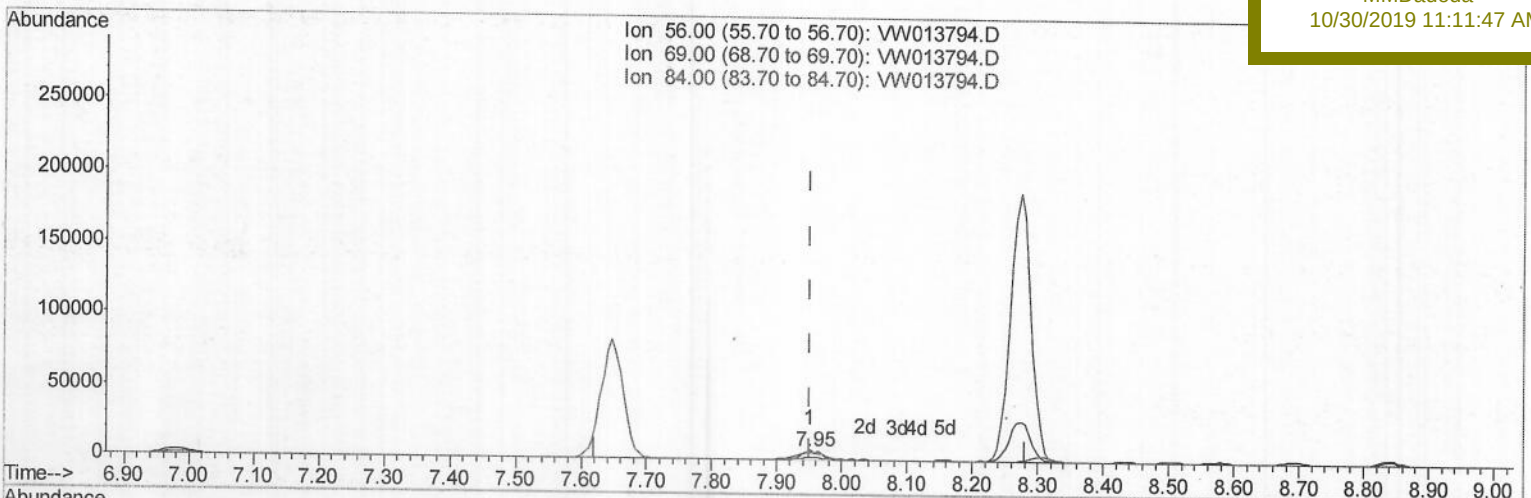

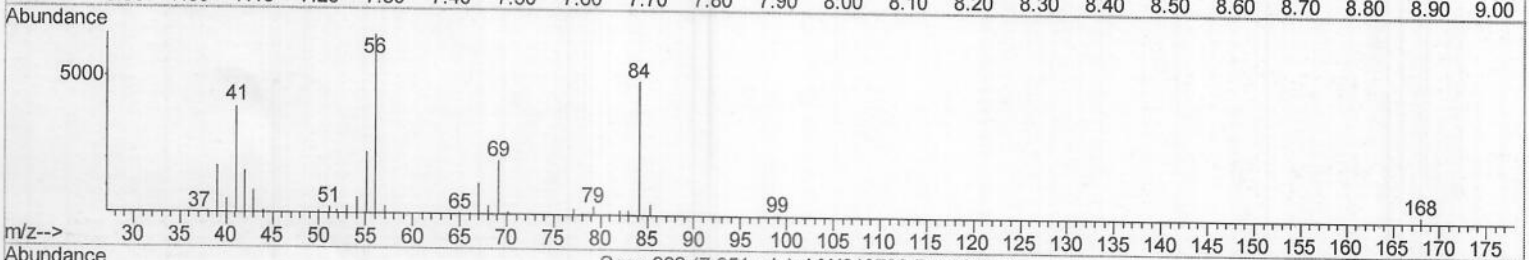

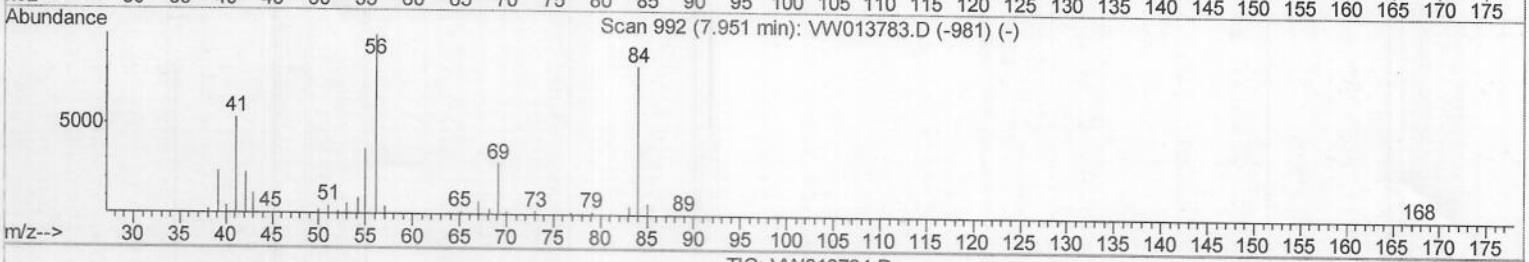

TIC: VW013794.D

(30) Cyclohexane (T)

7.951min (-0.000) 2.43ug/L m

response 16783

MD 11/07/19

Ion	Exp%	Act%
56.00	100	100
69.00	30.80	30.93
84.00	88.90	85.42
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296076	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78609	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	100094	27.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.20%			
7) Chloroethane-d5	2.88	69	80511	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.96%			
10) 1,1-Dichloroethene-d2	4.03	63	138523	17.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.08%			
20) 2-Butanone-d5	7.07	46	66382	51.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.18%			
24) Chloroform-d	7.65	84	196540	23.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.88%			
26) 1,2-Dichloroethane-d4	8.30	65	110993	25.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.48%			
29) Benzene-d6	8.27	84	411298	28.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.96%			
33) 1,2-Dichloropropane-d6	9.27	67	125442	29.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.40%			
37) Toluene-d8	10.32	98	339930	25.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.92%			
38) trans-1,3-Dichloropropene-	10.58	79	46265	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.80%			
39) 2-Hexanone-d5	10.92	63	48170	59.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93982	27.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.32%			
61) 1,2-Dichlorobenzene-d4	13.85	152	70856	25.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.04%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	12080m	2.131	ug/L	
30) Cyclohexane	7.95	56	16783m	2.426	ug/L	
36) Methylcyclohexane	9.34	83	30967	4.041	ug/L	91
54) m,p-Xylene	11.83	106	6124	0.788	ug/L	91
55) o-xylene	12.16	106	3552	0.482	ug/L	97

MD 11/07/19

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