

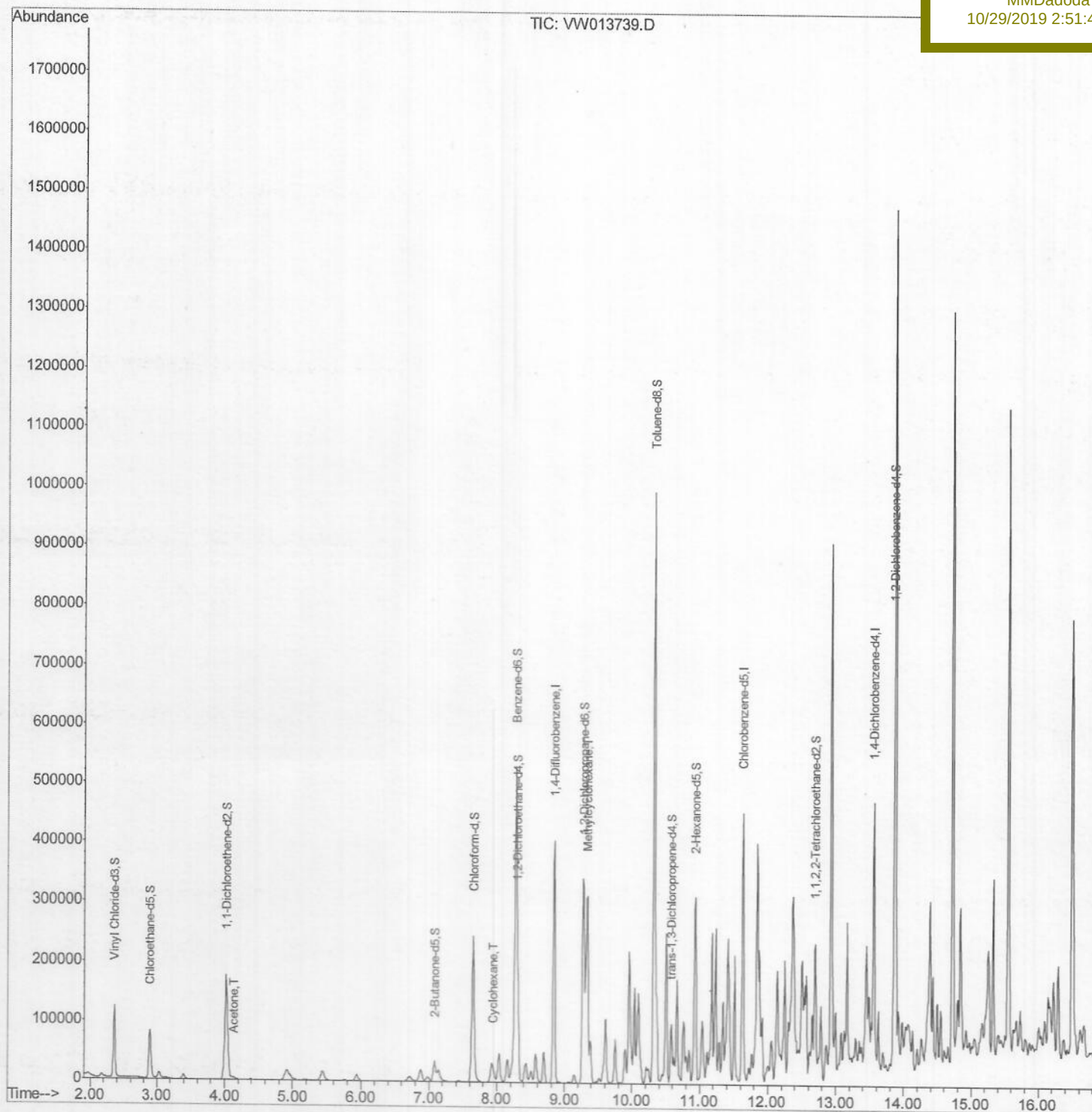
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102519\
Data File : VW013739.D
Acq On : 25 Oct 2019 11:19
Operator : SY/VA
Sample : K5535-05
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 26 04:05:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 26 03:37:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BEK27

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:51:47 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102519\

Data File : VW013739.D

Acq On : 25 Oct 2019 11:19

Operator : SY/VA

Sample : K5535-05

Misc : 6.33G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 29 12:40:59 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M

Quant Title : VOC Analysis

QLast Update : Sat Oct 26 03:37:49 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

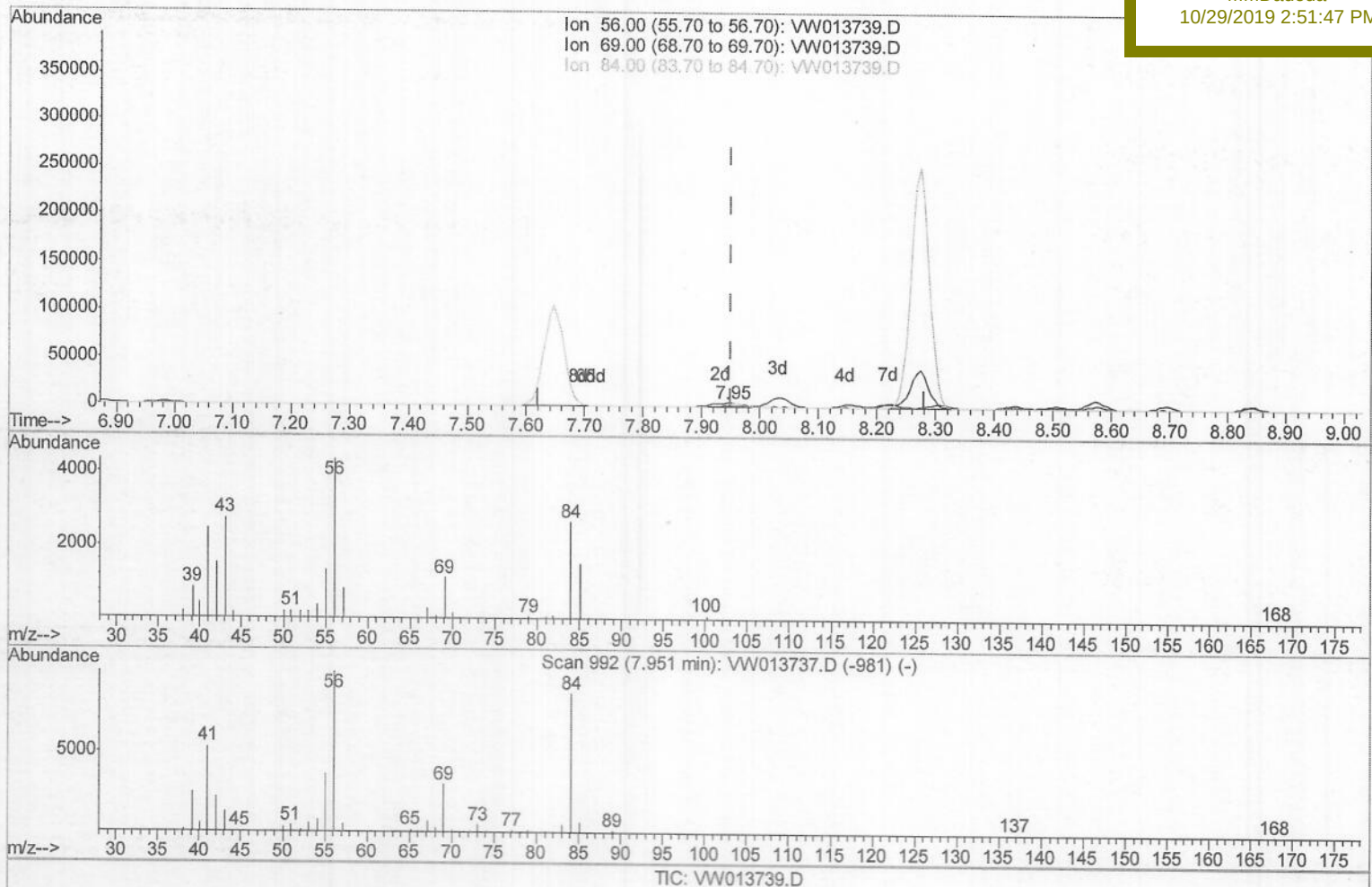
ClientSampled :

BEK27

Manual Integrations
APPROVED

MMDadoda

10/29/2019 2:51:47 PM



(30) Cyclohexane (T)

7.945min (-0.006) 0.70ug/L

response 5641

Ion	Exp%	Act%
56.00	100	100
69.00	30.80	52.26#
84.00	88.90	168.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

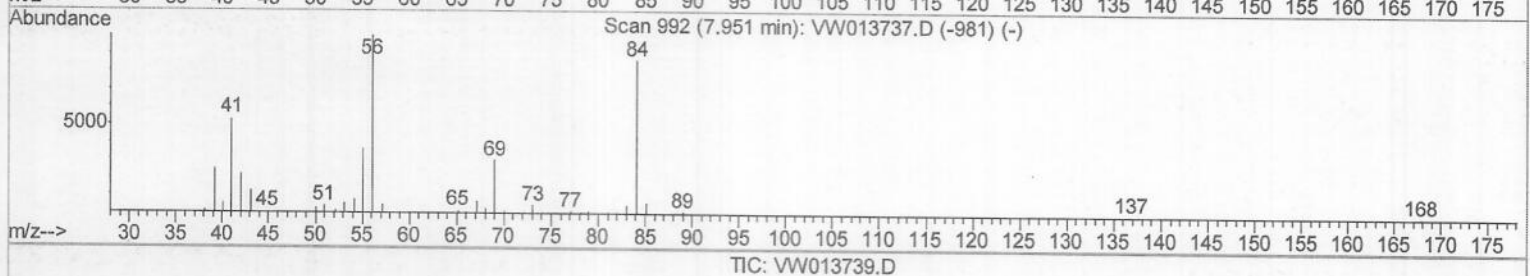
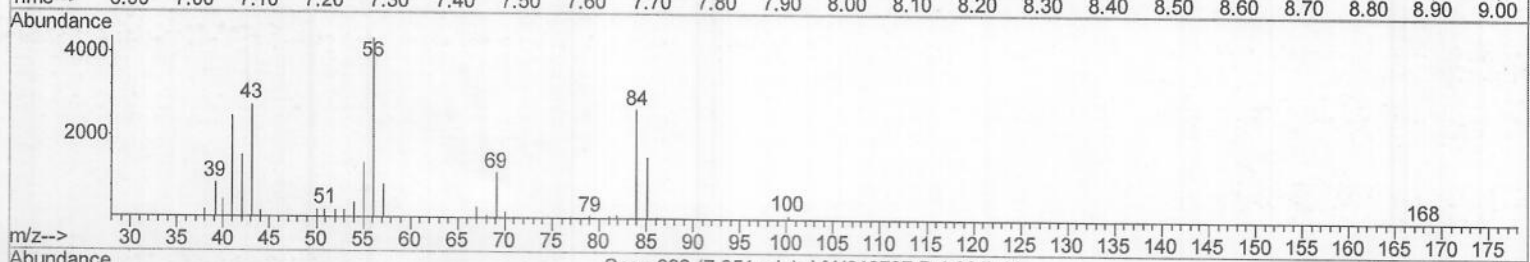
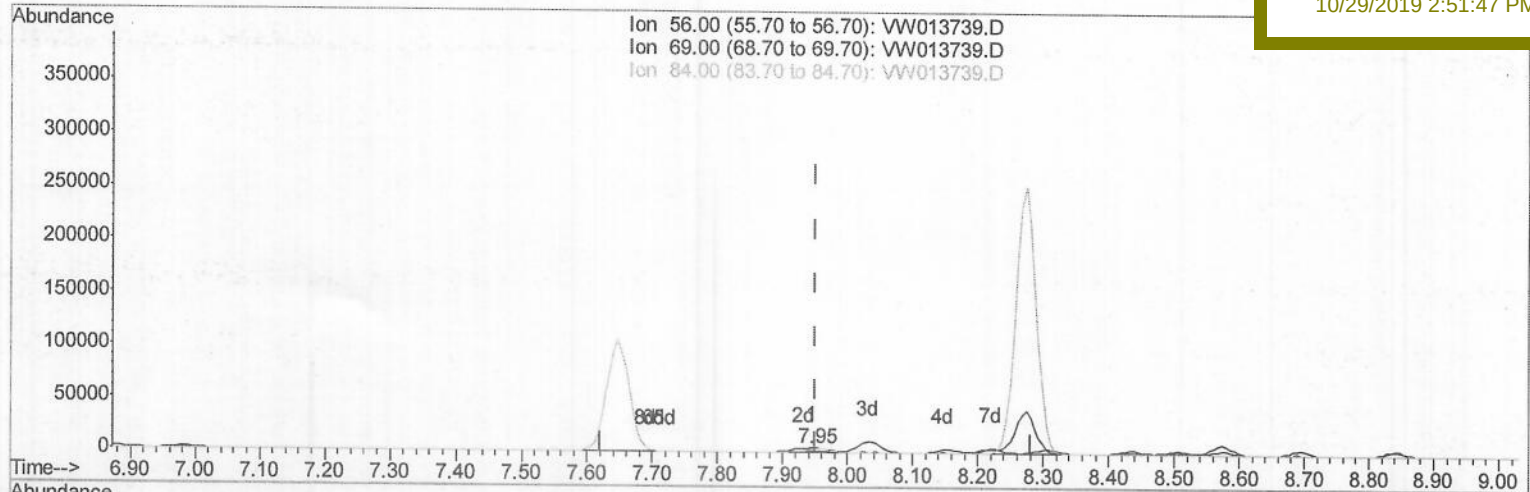
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Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:51:47 PM



(30) Cyclohexane (T)

7.945min (-0.006) 1.95ug/L m

response 15691

Ion	Exp%	Act%
56.00	100	100
69.00	30.80	18.79#
84.00	88.90	60.49#
0.00	0.00	0.00

> MD 11/04/19

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Manual Integrations
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 10/29/2019 2:51:47 PM

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	361141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131872	29.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.04%		
7) Chloroethane-d5	2.89	69	107681	26.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.16%		
10) 1,1-Dichloroethene-d2	4.02	63	191979	19.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.48%		
20) 2-Butanone-d5	7.08	46	59960	37.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.68%		
24) Chloroform-d	7.65	84	251355	24.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.48%		
26) 1,2-Dichloroethane-d4	8.30	65	125130	23.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.72%		
29) Benzene-d6	8.27	84	544536	32.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	131.76%		
33) 1,2-Dichloropropane-d6	9.27	67	159217	32.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	129.00%#		
37) Toluene-d8	10.32	98	472576	31.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	124.00%		
38) trans-1,3-Dichloropropene-	10.58	79	53705	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.44%		
39) 2-Hexanone-d5	10.93	63	44753	47.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.84%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95984	23.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.96%		
61) 1,2-Dichlorobenzene-d4	13.85	152	87893	26.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.44%		

Target Compounds

					Ovalue	
13) Acetone	4.13	43	4914	2.794	ug/L	57
30) Cyclohexane	7.95	56	15691m	1.947	ug/L	
36) Methylcyclohexane	9.34	83	123475	13.830	ug/L #	83

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

> MDA 10/27/19