

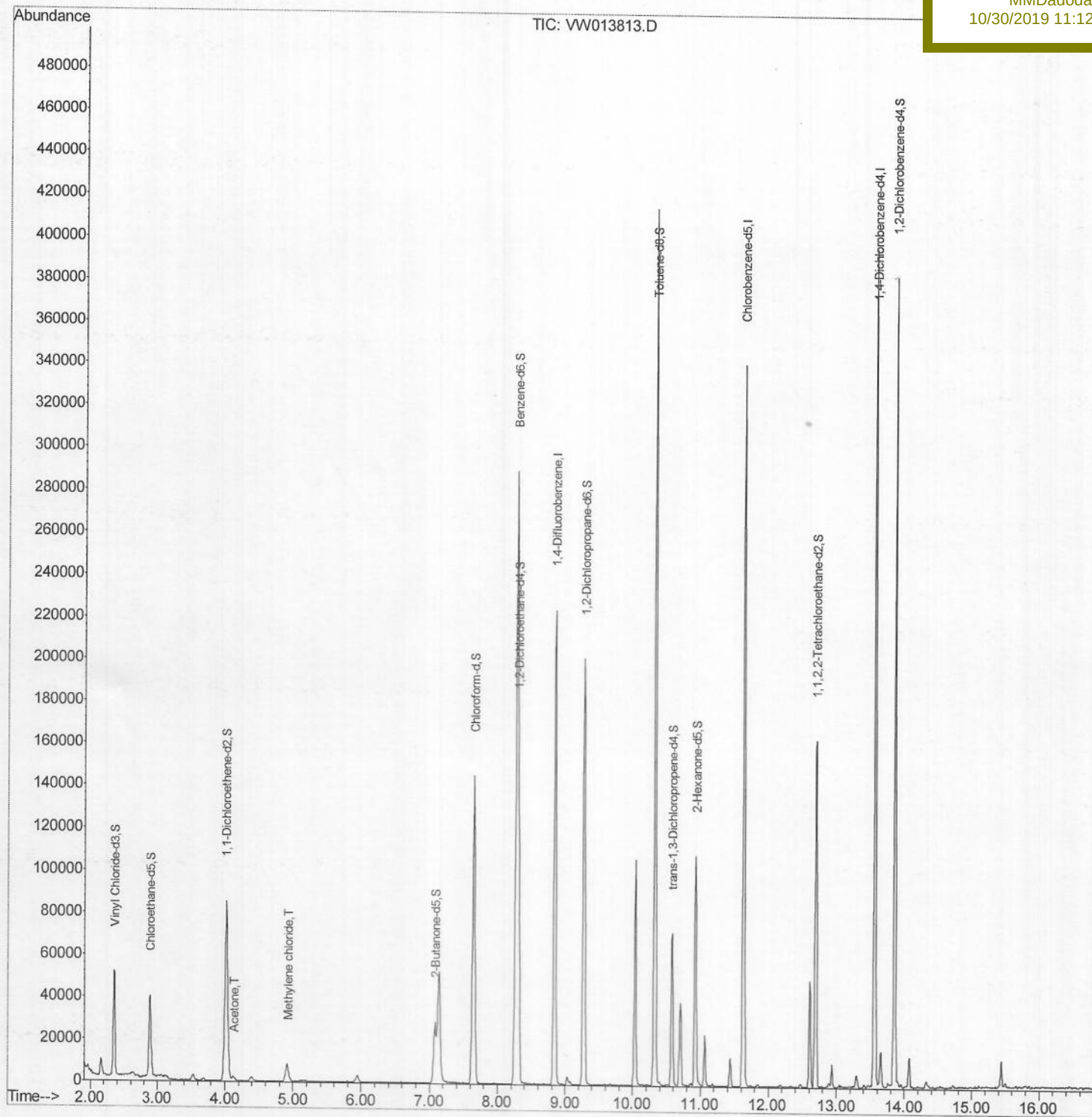
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013813.D
Acq On : 30 Oct 2019 00:46
Operator : SY/VA
Sample : K5565-09
Misc : 4.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 30 08:50:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
JLNB5

Manual Integrations
APPROVED

MMDadoda
10/30/2019 11:12:26 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\

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Operator : SY/VA

Sample : K5565-09

Misc : 4.87G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 30 08:19:52 2019

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

Quant Title : VOC Analysis

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Instrument :

MSVOA_W

ClientSampleId :

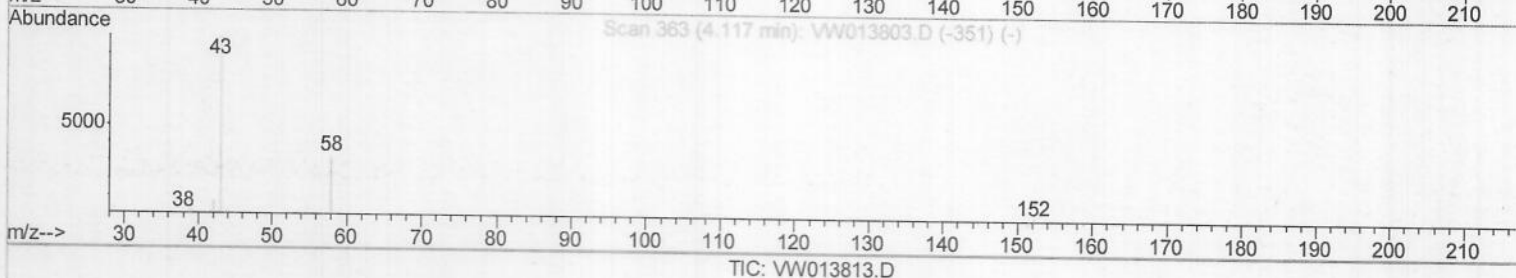
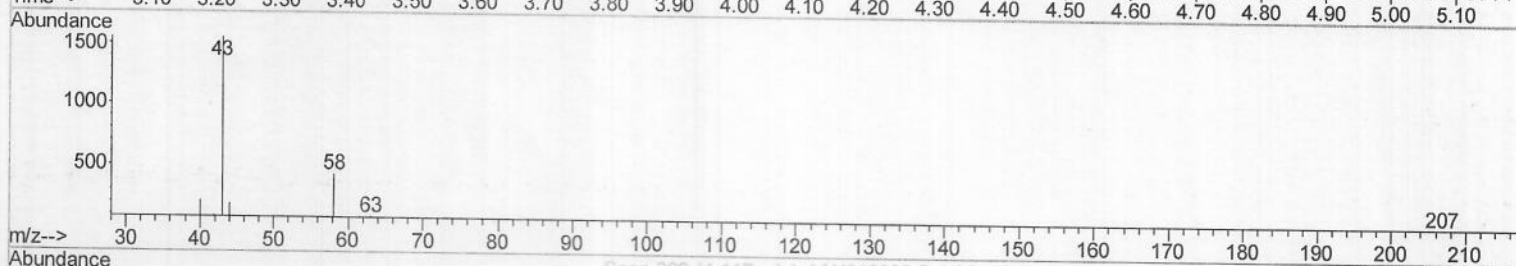
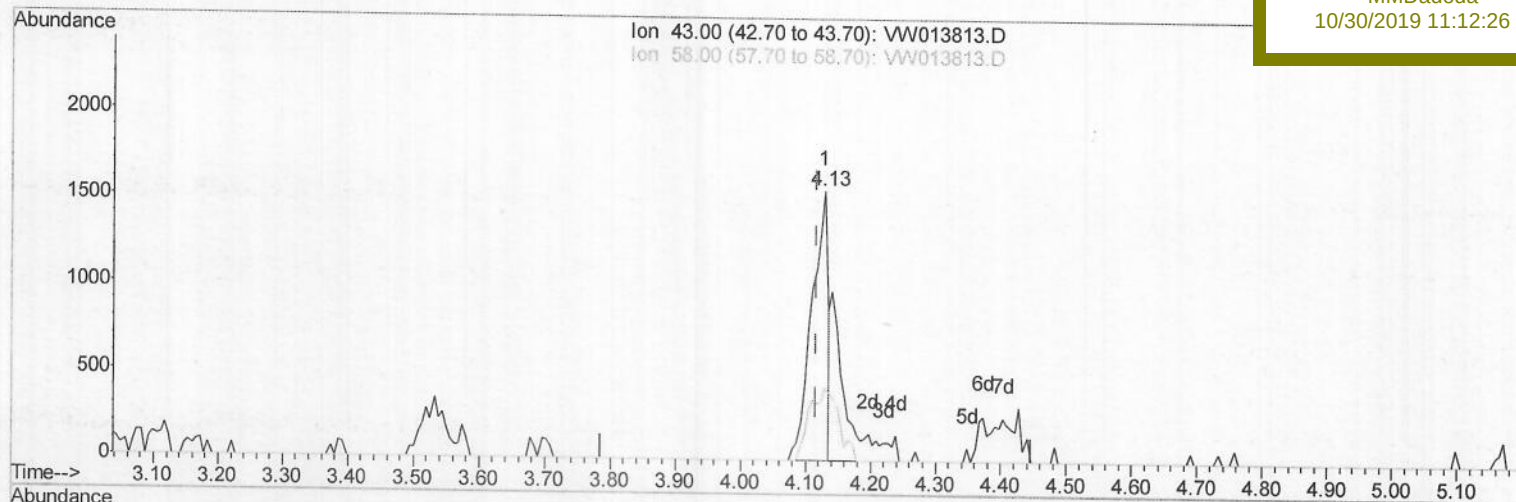
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Manual Integrations

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10/30/2019 11:12:26 AM



(13) Acetone (T)

4.129min (+0.012) 2.78ug/L

response 2712

Ion	Exp%	Act%
43.00	100	100
58.00	35.20	28.95
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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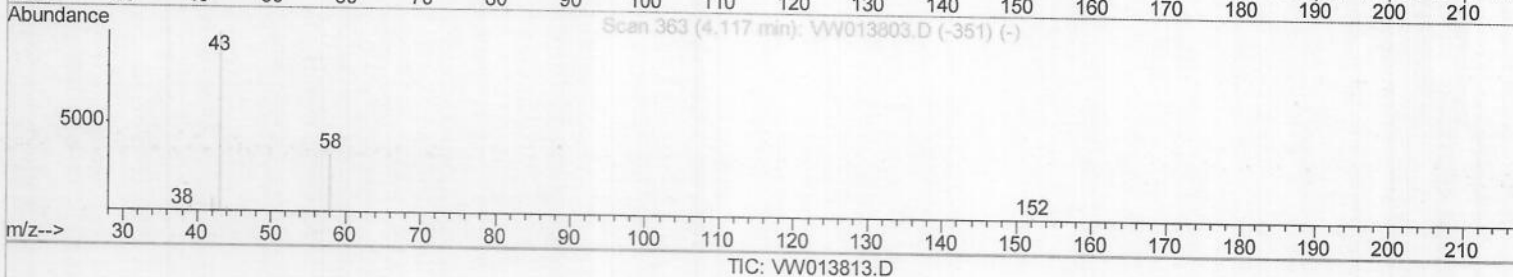
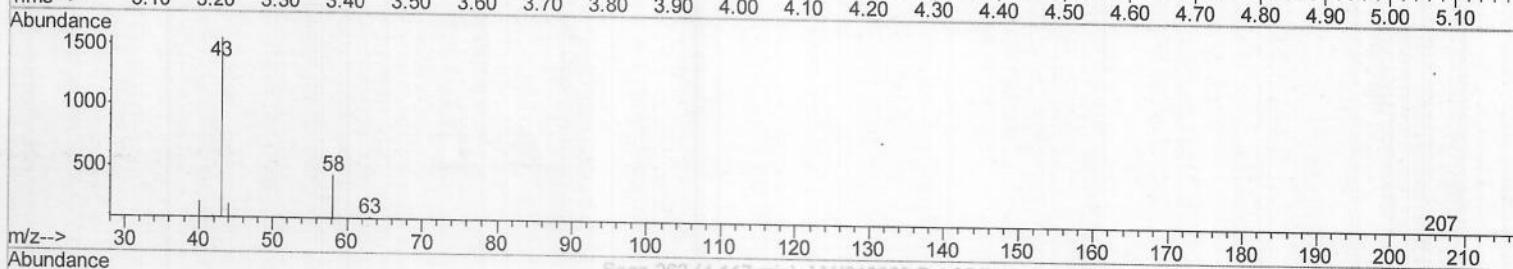
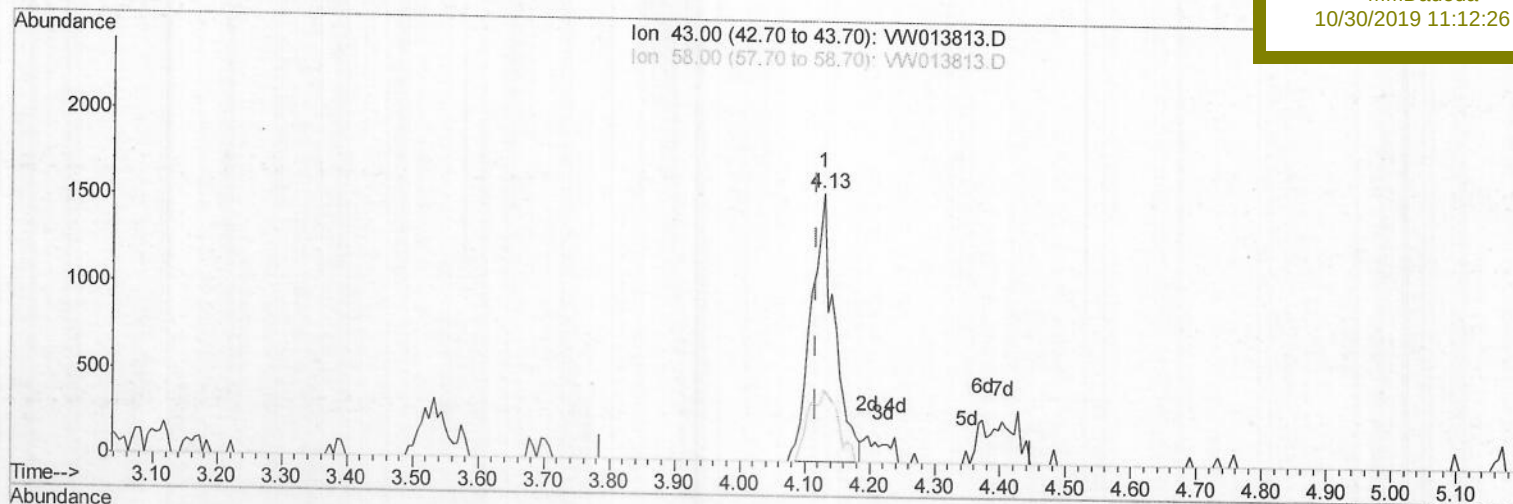
JLNB5

Manual Integrations

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10/30/2019 11:12:26 AM



(13) Acetone (T)

4.129min (+0.012) 4.02ug/L m

MO 11/07/19

response 3924

Ion	Exp%	Act%
43.00	100	100
58.00	35.20	20.01
0.00	0.00	0.00
0.00	0.00	0.00

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Acq On : 30 Oct 2019 00:46

Operator : SY/VA

Sample : K5565-09

Misc : 4.87G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 30 08:19:52 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Oct 30 08:16:17 2019

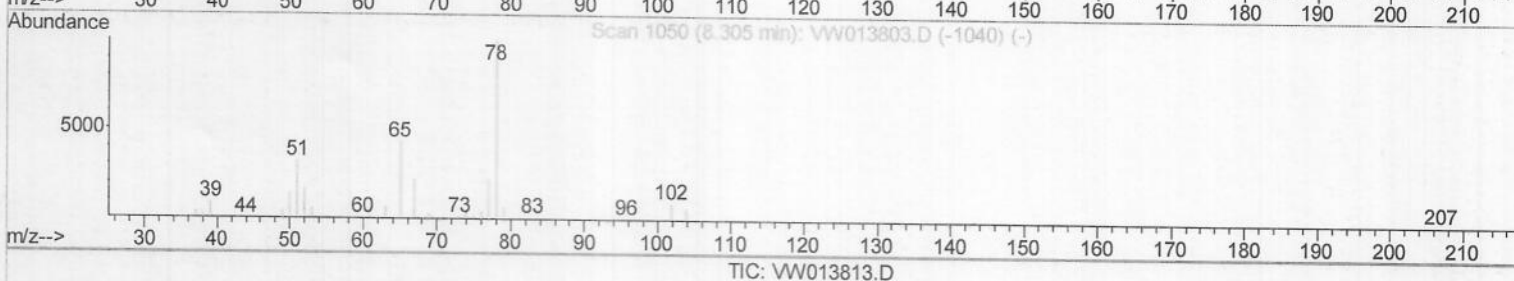
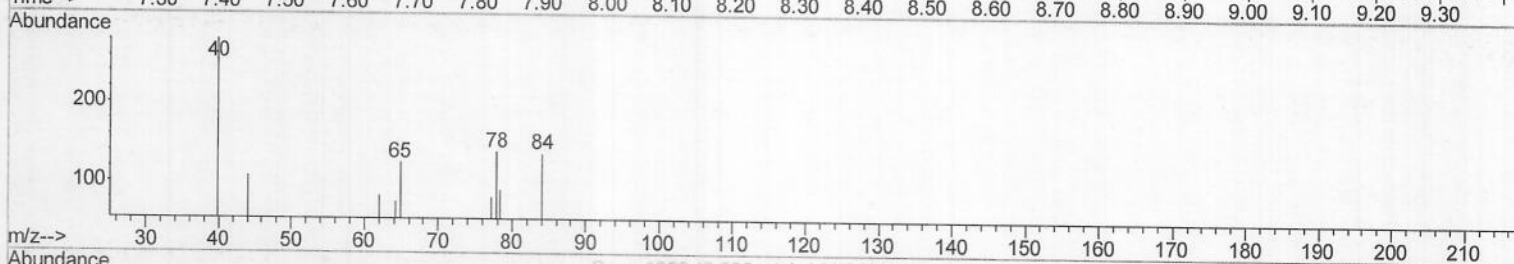
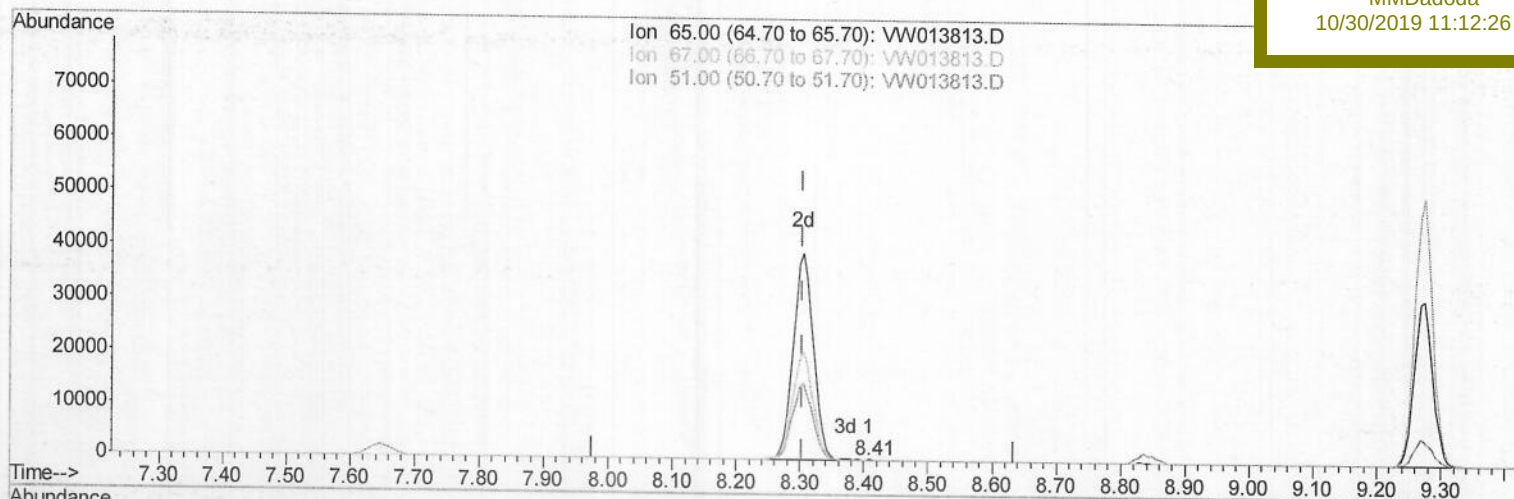
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

JLNB5

Manual Integrations
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10/30/2019 11:12:26 AM

(26) 1,2-Dichloroethane-d4 (S)

8.409min (+0.104) 0.02ug/L

response 66

Ion	Exp%	Act%
65.00	100	100
67.00	54.00	56.06
51.00	117.70	110.61
0.00	0.00	0.00

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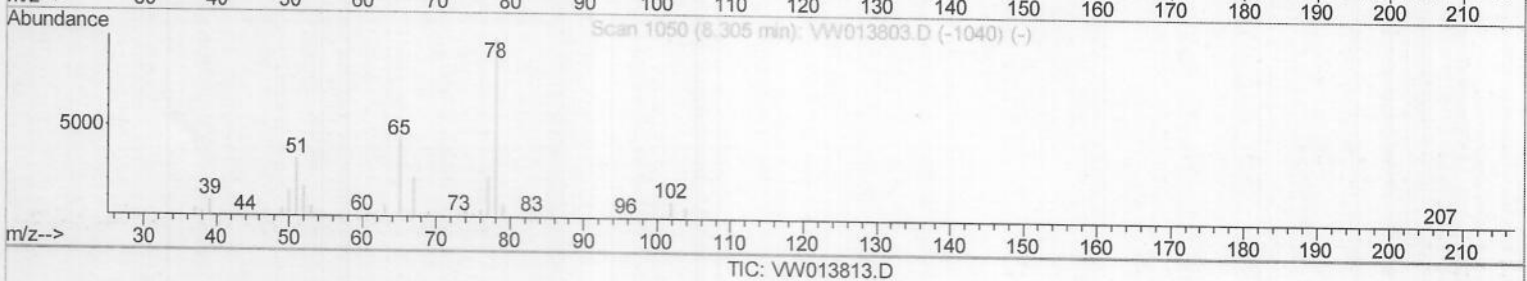
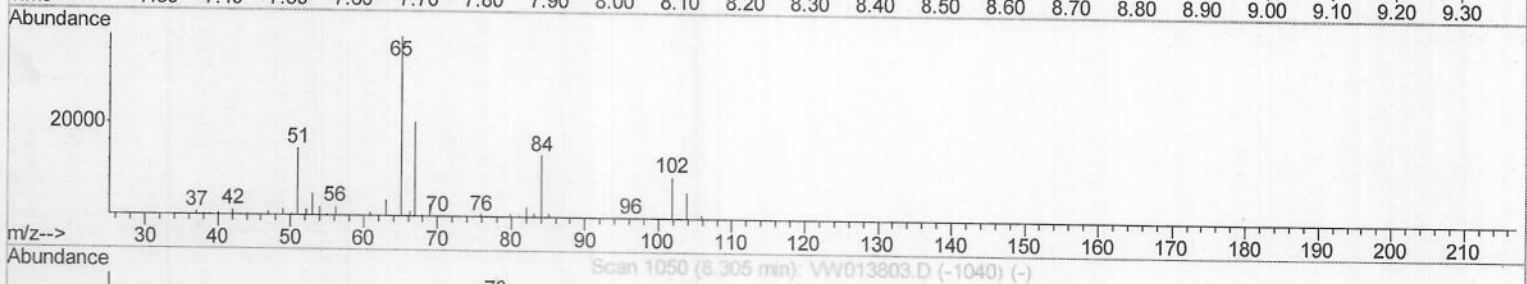
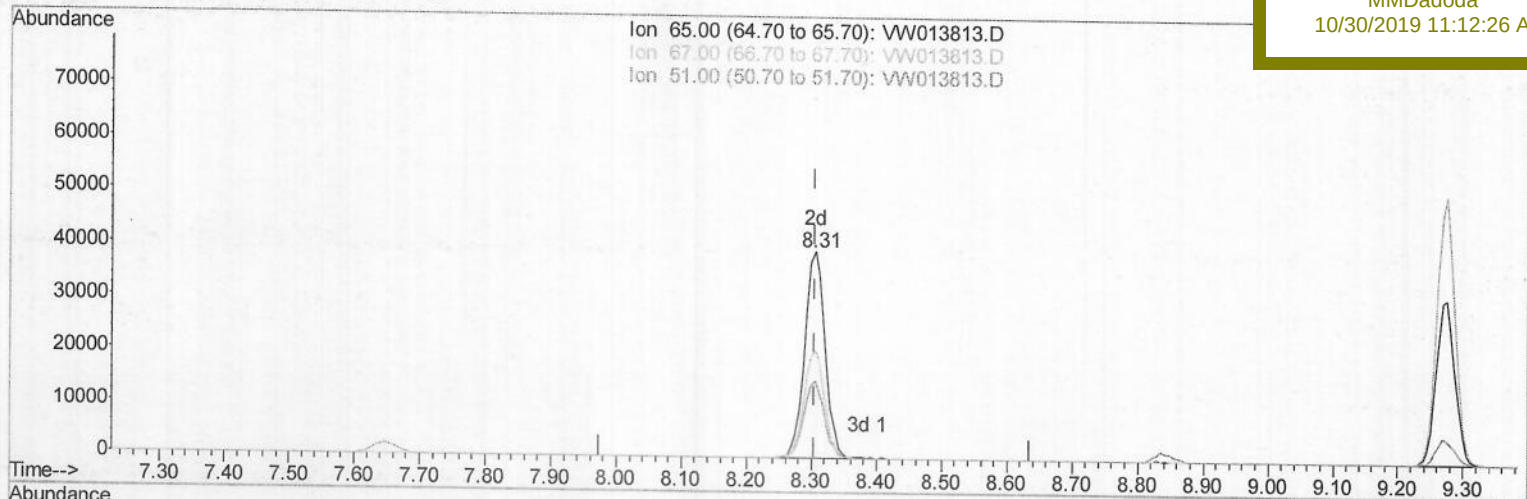
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Manual Integrations

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10/30/2019 11:12:26 AM



(26) 1,2-Dichloroethane-d4 (S)

8.305min (0.000) 29.27ug/L m

response 85923

Ion Exp% Act%

65.00 100 100

67.00 54.00 0.04#

51.00 117.70 0.08#

0.00 0.00 0.00

MD 11/07/19

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Manual Integrations
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 10/30/2019 11:12:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	200634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	208242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53538	21.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.00%		
7) Chloroethane-d5	2.89	69	48973	21.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.24%		
10) 1,1-Dichloroethene-d2	4.01	63	88943	16.36	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.44%		
20) 2-Butanone-d5	7.07	46	50012	56.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.60%		
24) Chloroform-d	7.65	84	147745	26.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.28%		
26) 1,2-Dichloroethane-d4	8.31	65	85923m	29.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	117.08%		
29) Benzene-d6	8.27	84	303275	24.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.96%		
33) 1,2-Dichloropropane-d6	9.27	67	98361	26.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.28%		
37) Toluene-d8	10.32	98	278736	24.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.64%		
38) trans-1,3-Dichloropropene-	10.58	79	42107	24.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.92%		
39) 2-Hexanone-d5	10.93	63	39230	54.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.84%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83196	27.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.72%		
61) 1,2-Dichlorobenzene-d4	13.85	152	109032	26.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.16%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	3924m	4.016	ug/L	76
16) Methylene chloride	4.91	84	6771	1.762	ug/L	

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