

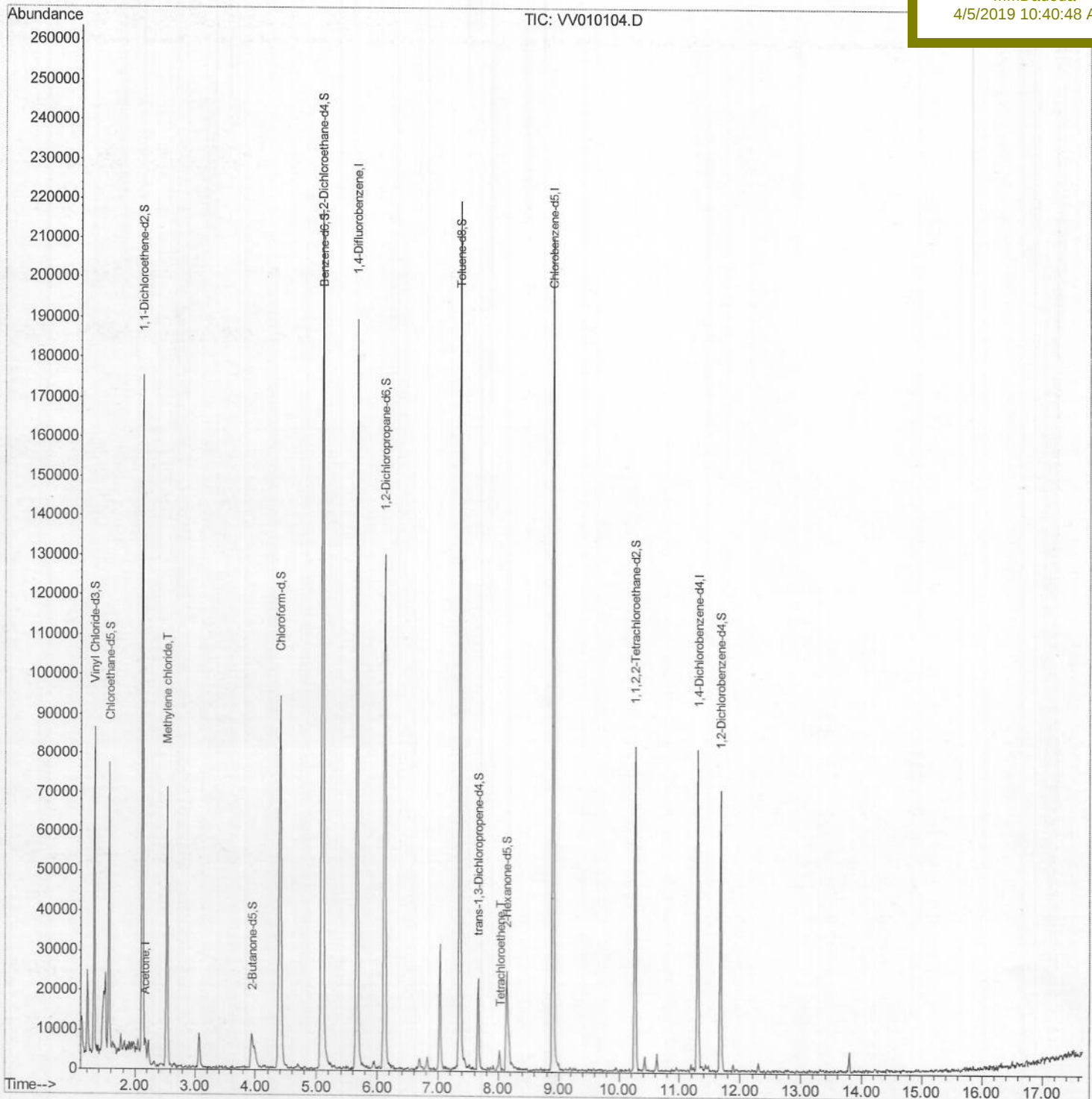
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010104.D
Acq On : 03 Apr 2019 21:07
Operator : SY/MD
Sample : K2148-16RE
Misc : 3.76G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 04 09:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5J1RE

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:40:48 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\

Data File : VV010104.D

Acq On : 03 Apr 2019 21:07

Operator : SY/MD

Sample : K2148-16RE

Misc : 3.76G/10mL/MSVOA_V/SOIL

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 04 06:07:26 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 04 06:01:11 2019

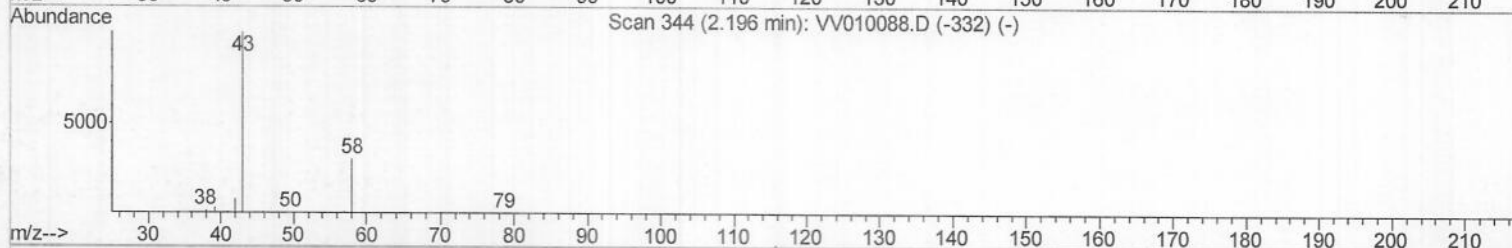
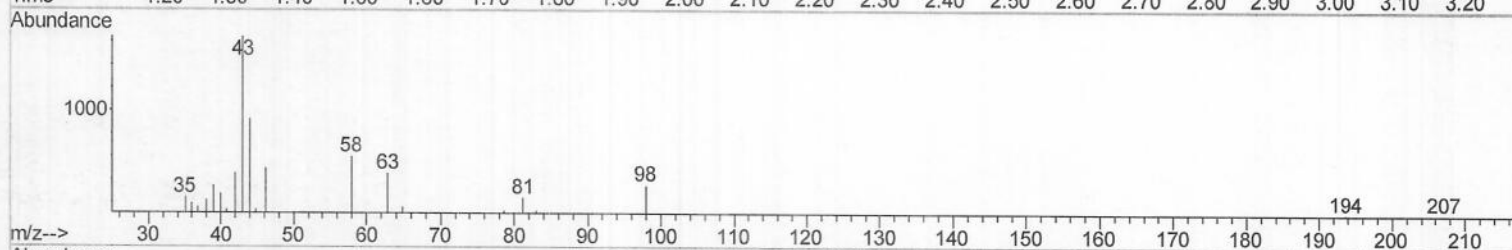
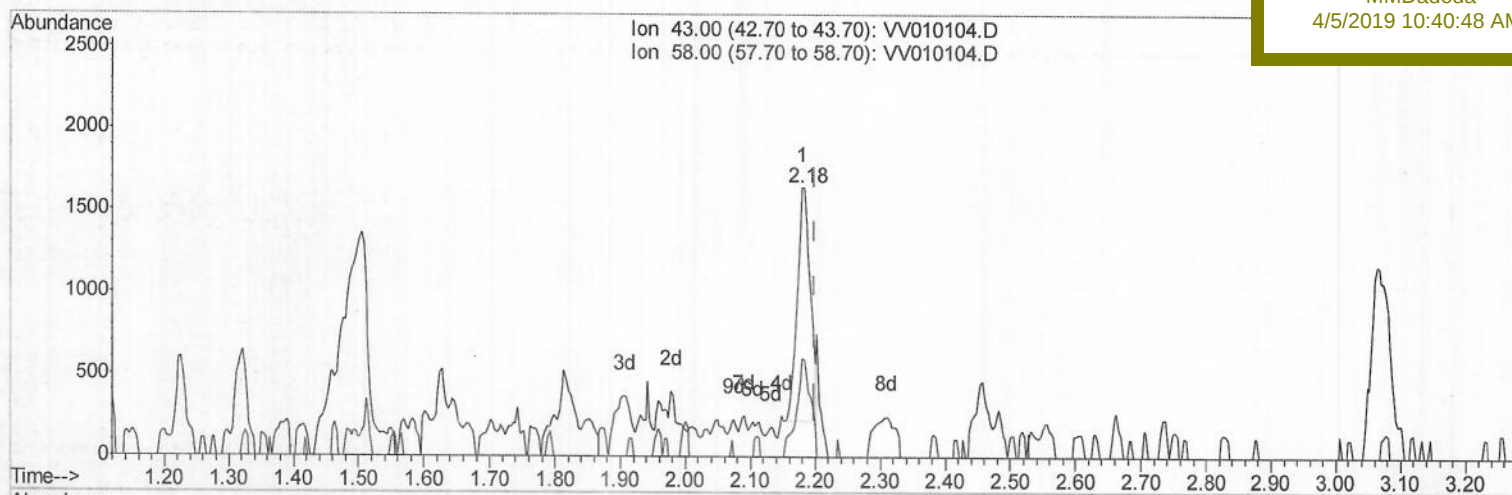
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4/5/2019 10:40:48 AM

TIC: VV010104.D

(13) Acetone (T)

2.180min (-0.019) 3.22ug/L

response 1971

Ion	Exp%	Act%
43.00	100	100
58.00	32.30	45.15
0.00	0.00	0.00
0.00	0.00	0.00

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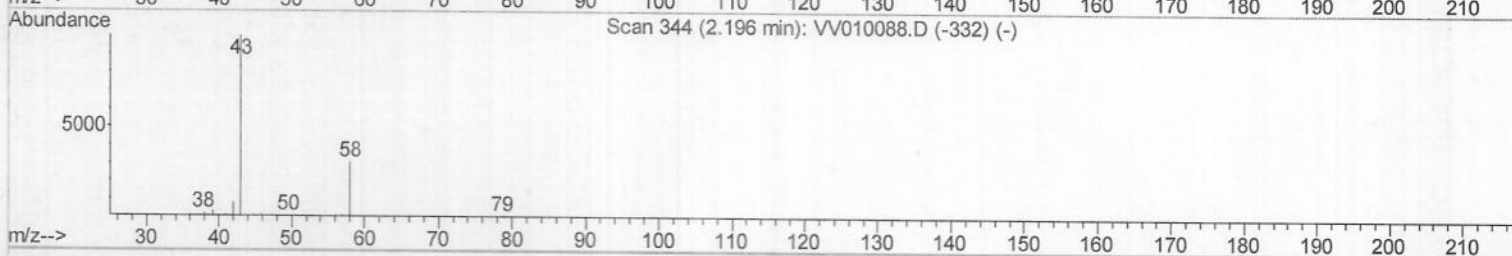
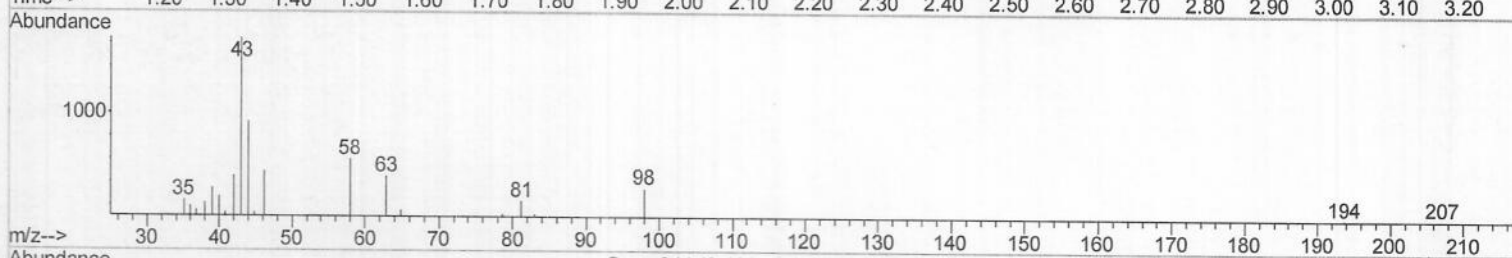
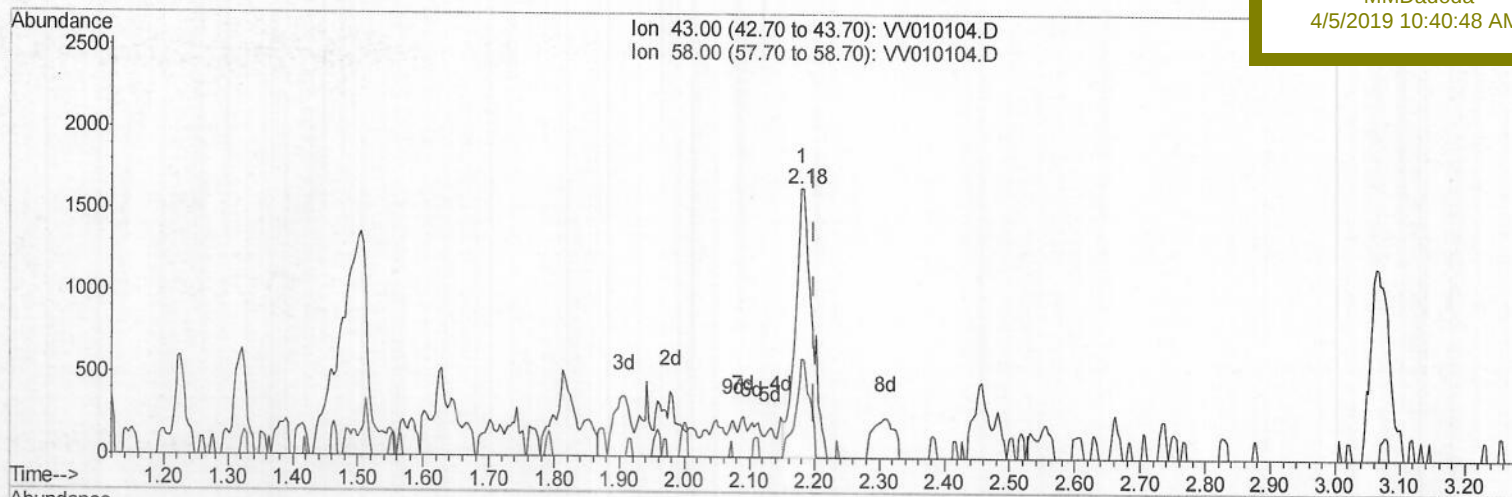
Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

BF5J1RE

Manual Integrations
APPROVEDMMDadoda
4/5/2019 10:40:48 AM

(13) Acetone (T)

2.180min (-0.019) 4.73ug/L m

response 2900

Ion	Exp%	Act%
43.00	100	100
58.00	32.30	30.69
0.00	0.00	0.00
0.00	0.00	0.00

M.D
4/11/19

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Instrument :
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 Client Sample ID :
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Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162635	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120212	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42336	19.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.76%		
7) Chloroethane-d5	1.56	69	44851	16.58	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.32%		
10) 1,1-Dichloroethene-d2	2.12	63	86433	15.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.96%		
20) 2-Butanone-d5	3.94	46	12174	19.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	39.30%		
24) Chloroform-d	4.40	84	89089	21.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.96%		
26) 1,2-Dichloroethane-d4	5.08	65	59849	26.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.44%		
29) Benzene-d6	5.10	84	186500	29.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	119.68%		
33) 1,2-Dichloropropane-d6	6.12	67	60363	32.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	131.24%#		
37) Toluene-d8	7.36	98	148951	24.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.20%		
38) trans-1,3-Dichloropropene-	7.66	79	11983	15.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.96%		
39) 2-Hexanone-d5	8.13	63	7722	20.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	41.86%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36529	20.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.52%		
61) 1,2-Dichlorobenzene-d4	11.68	152	21640	22.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.32%		

Target Compounds

					Ovalue	
13) Acetone	2.18	43	2900m	4.734	ug/L	
16) Methylene chloride	2.53	84	29322	10.262	ug/L	97
47) Tetrachloroethene	8.02	164	907	0.640	ug/L #	64

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