

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\

Data File : VV010159.D

Acq On : 06 Apr 2019 17:46

Operator : SY/MD

Sample : K2188-06RE

Misc : 3.13G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 02:28:06 2019

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

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 00:49:32 2019

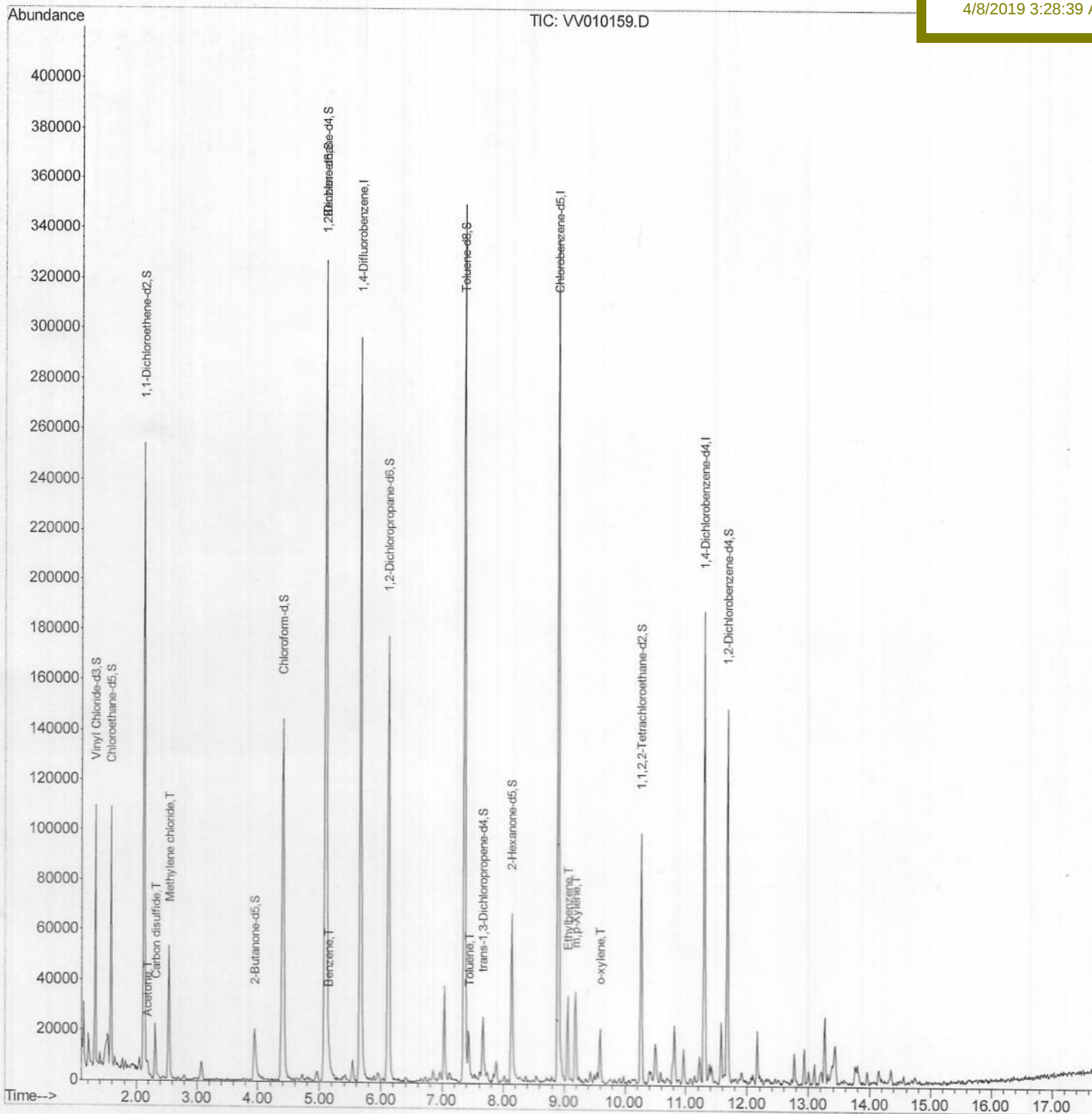
Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

BF662RE

Manual Integrations
APPROVEDMMDadoda
4/8/2019 3:28:39 AM

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Operator : SY/MD

Sample : K2188-06RE

Misc : 3.13G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 00:54:08 2019

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

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 00:49:32 2019

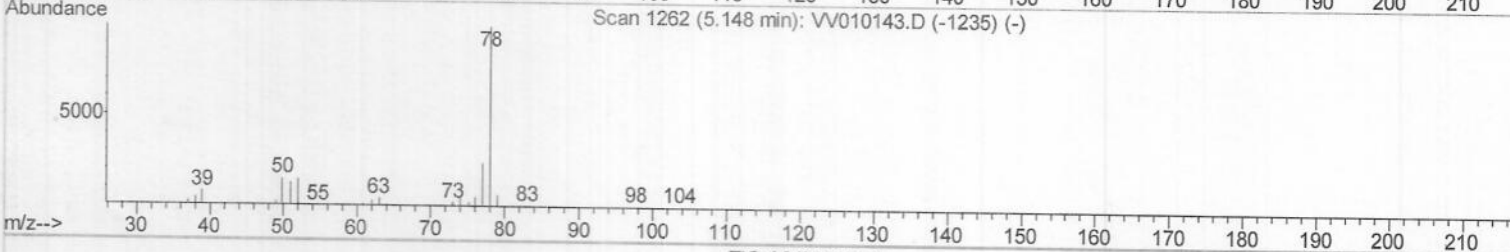
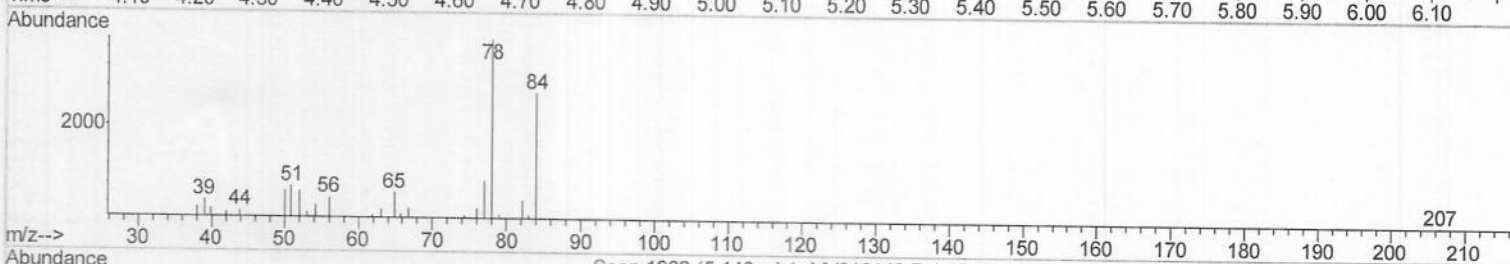
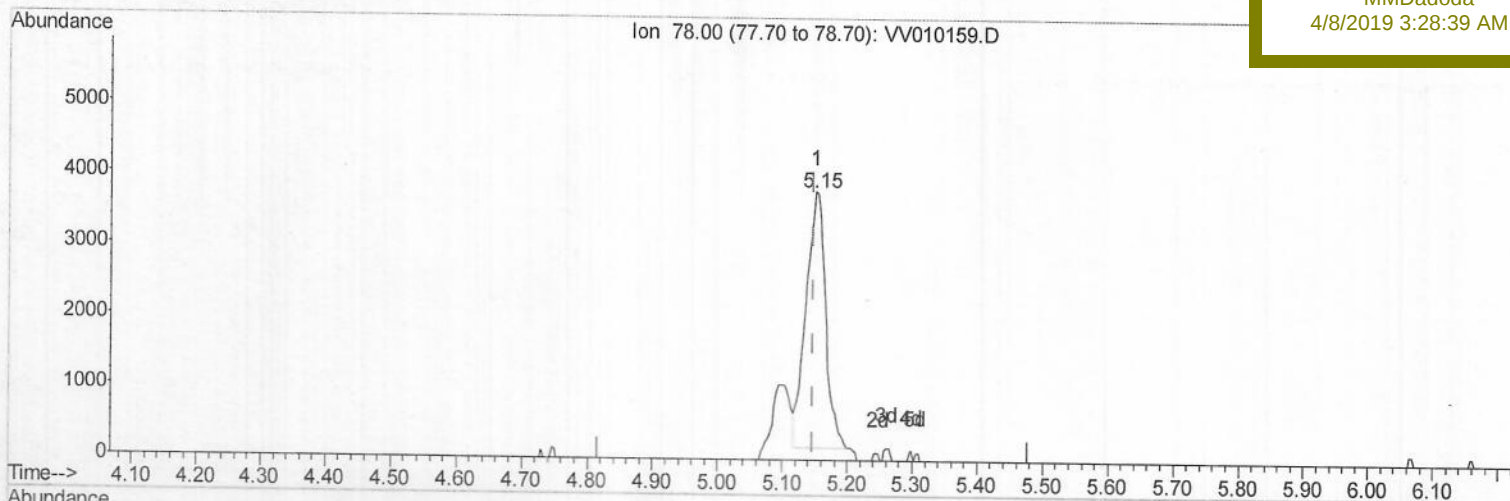
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APPROVEDMMDadoda
4/8/2019 3:28:39 AM

TIC: VV010159.D

(34) Benzene (T)

5.151min (+0.003) 0.84ug/L

response 7651

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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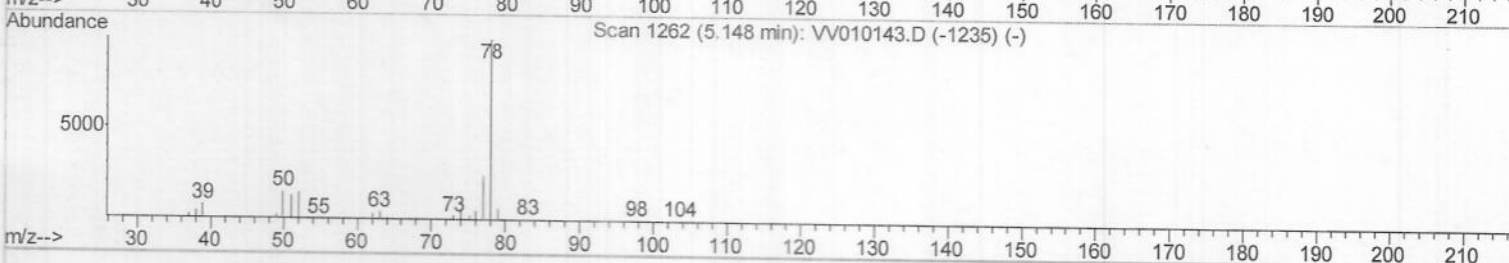
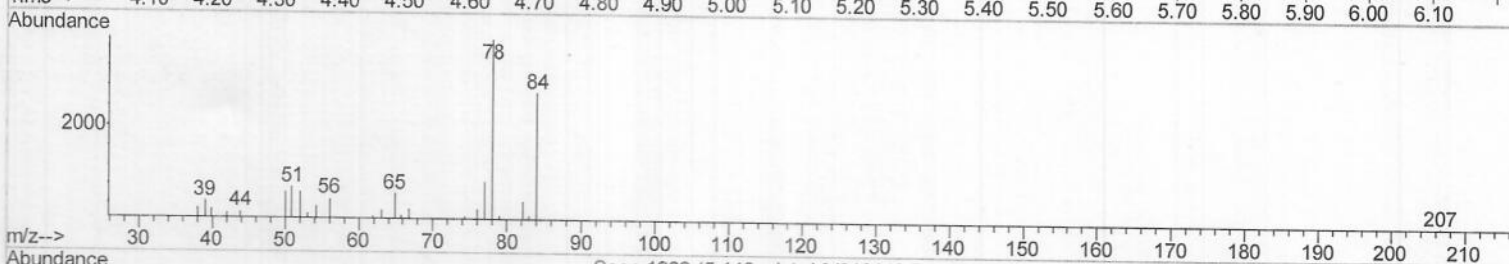
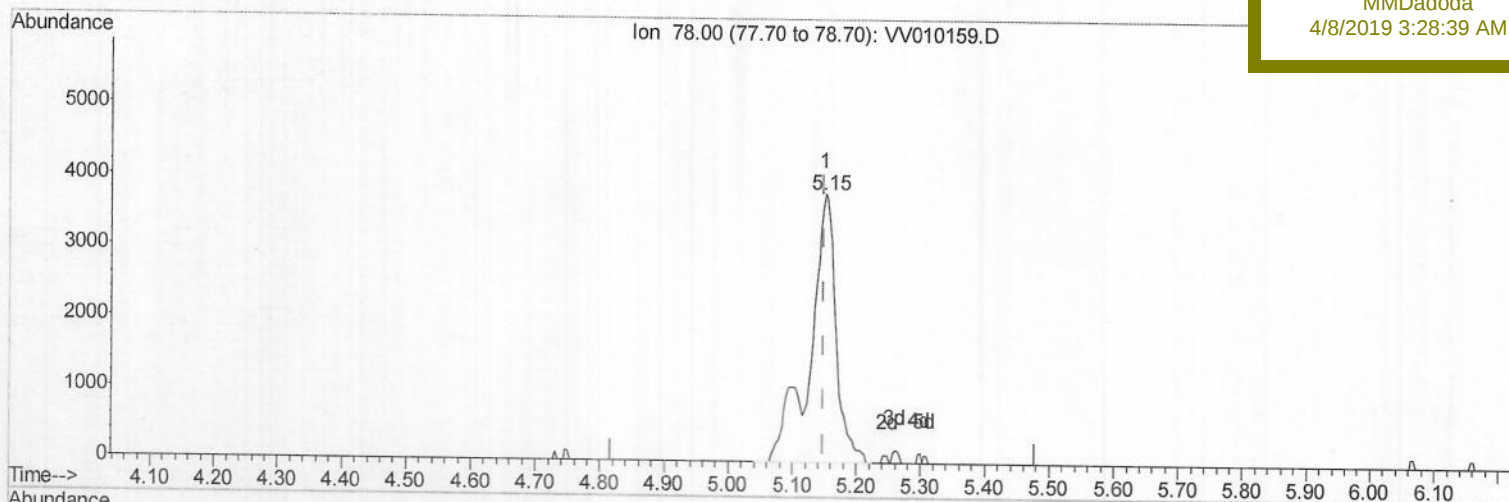
BF662RE

Manual Integrations

APPROVED

MMDadoda

4/8/2019 3:28:39 AM



TIC: VV010159.D

(34) Benzene (T)

5.151min (+0.003) 1.18ug/L m

response 10739

3 m.D.

04/12/19

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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 ClientSampleId :
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 QLast Update : Sun Apr 07 00:49:32 2019
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Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:28:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	263549	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58286	16.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.08%		
7) Chloroethane-d5	1.58	69	61687	14.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.32%		
10) 1,1-Dichloroethene-d2	2.13	63	127529	14.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.32%		
20) 2-Butanone-d5	3.94	46	32607	32.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.96%		
24) Chloroform-d	4.40	84	144935	21.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.32%		
26) 1,2-Dichloroethane-d4	5.08	65	76253	20.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.12%		
29) Benzene-d6	5.10	84	284780	29.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.24%		
33) 1,2-Dichloropropane-d6	6.12	67	84933	29.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.48%		
37) Toluene-d8	7.36	98	236813	25.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.04%		
38) trans-1,3-Dichloropropene-	7.67	79	13976	11.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	46.00%		
39) 2-Hexanone-d5	8.13	63	22561	39.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.14%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41145	14.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	58.68%		
61) 1,2-Dichlorobenzene-d4	11.67	152	37534	18.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.72%#		

Target Compounds

					Qvalue	
13) Acetone	2.20	43	4269	4.301	ug/L	92
14) Carbon disulfide	2.32	76	22568	3.018	ug/L	99
16) Methylene chloride	2.53	84	23107	4.990	ug/L	91
34) Benzene	5.15	78	10739m	1.182	ug/L	91
44) Toluene	7.43	91	12878	1.263	ug/L	91
53) Ethylbenzene	9.05	91	23971	2.144	ug/L	100
54) m,p-Xylene	9.18	106	10045	2.309	ug/L	96
55) o-xylene	9.59	106	5873	1.393	ug/L	83

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

3 m.D.
 04/12/19