

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\

Data File : VW009795.D

Acq On : 07 Apr 2019 03:03

Operator : SY/VA

Sample : K2217-17

Misc : 3.20G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 00:27:45 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 05:36:41 2019

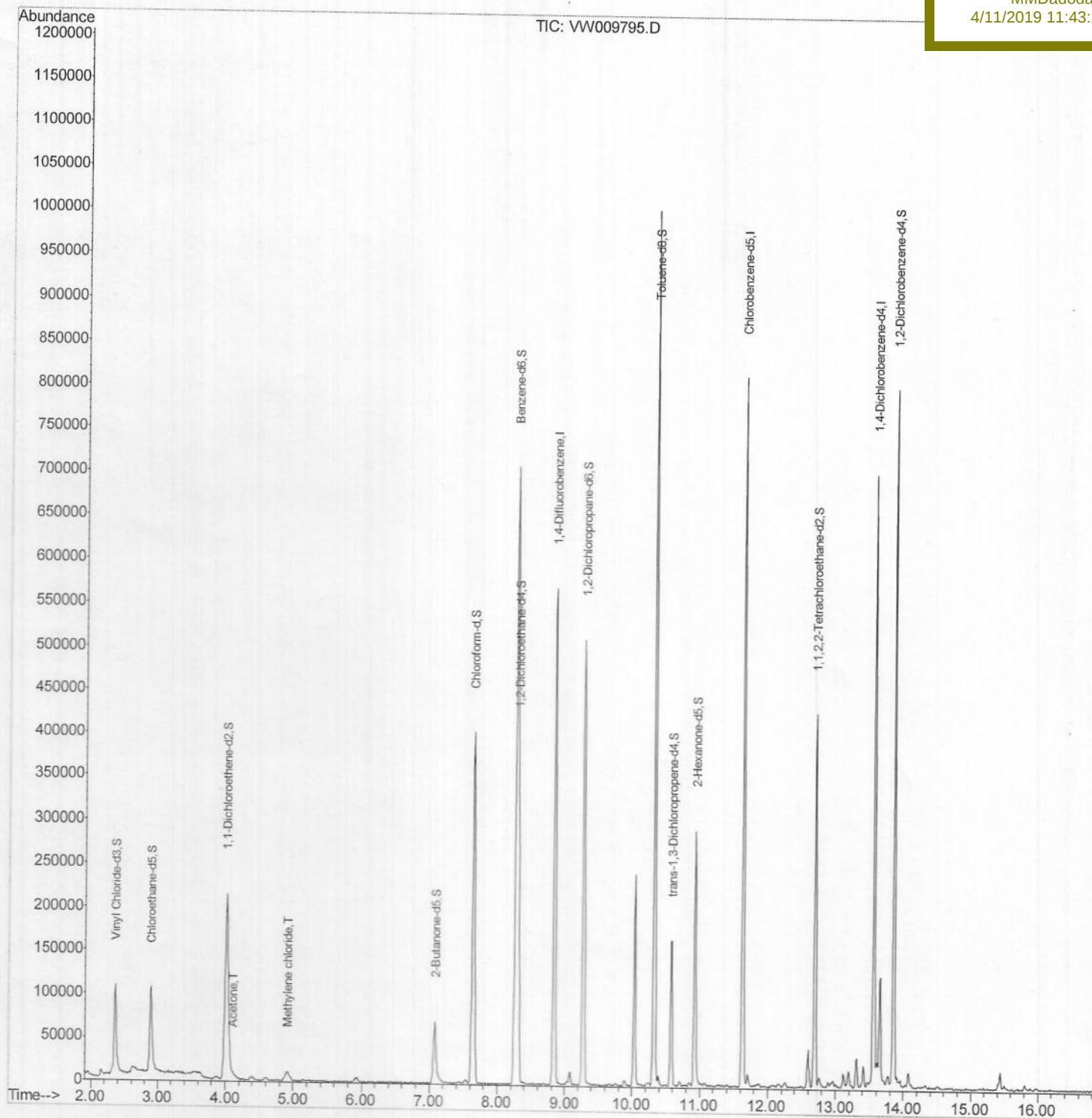
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF607

Manual Integrations
APPROVEDMMDadoda
4/11/2019 11:43:25 AM

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\

Data File : VW009795.D

Acq On : 07 Apr 2019 03:03

Operator : SY/VA

Sample : K2217-17

Misc : 3.20G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 05:40:34 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 05:36:41 2019

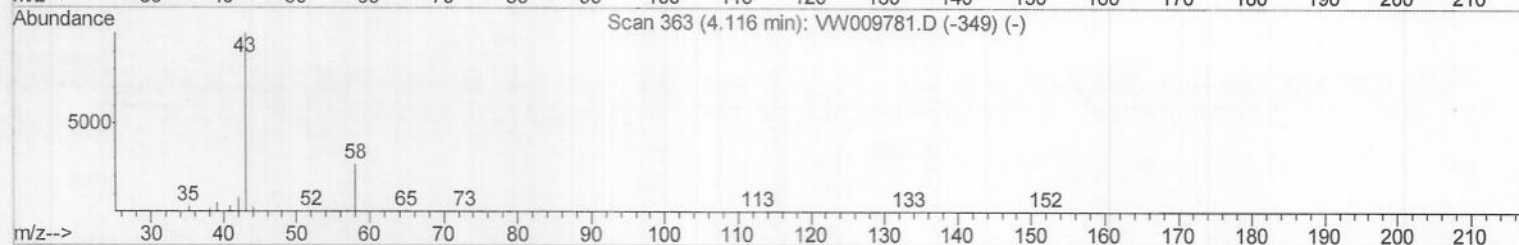
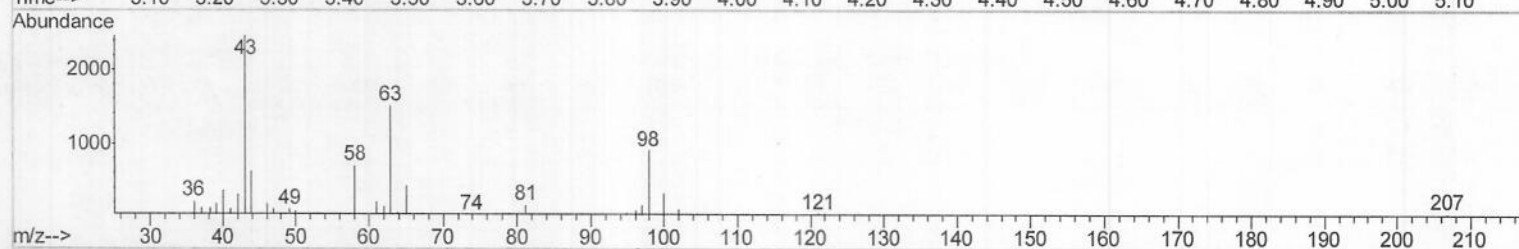
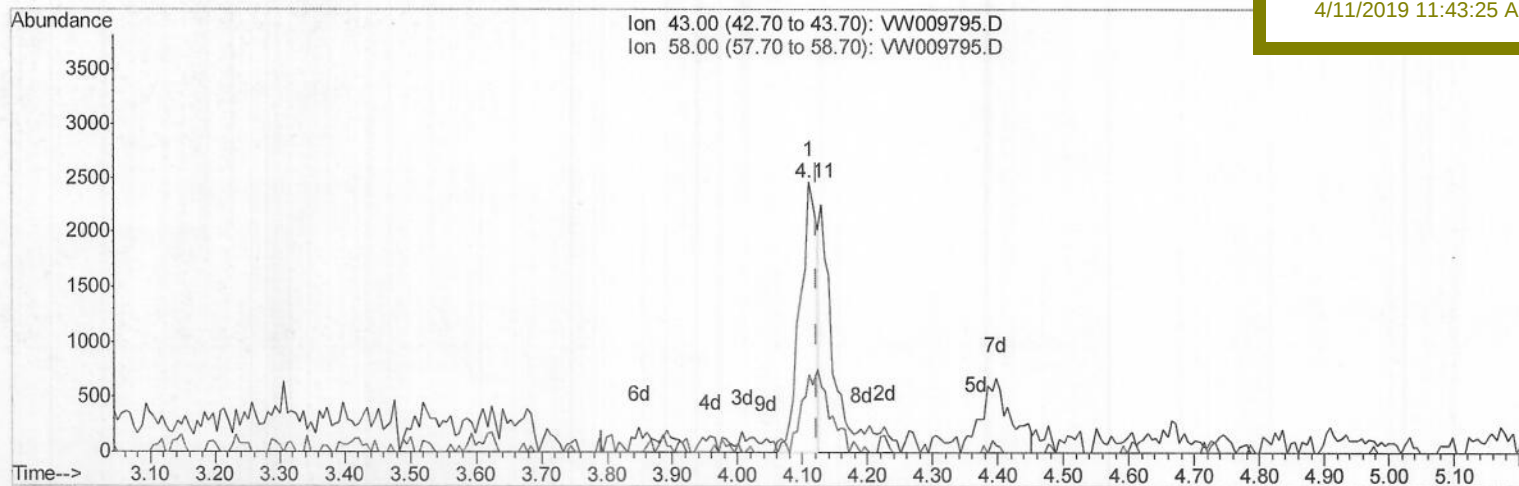
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

BF607

Manual Integrations
APPROVEDMMDadoda
4/11/2019 11:43:25 AM

(13) Acetone (T)

4.111min (-0.012) 2.19ug/L

response 4387

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	45.04
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\

Data File : VW009795.D

Acq On : 07 Apr 2019 03:03

Operator : SY/VA

Sample : K2217-17

Misc : 3.20G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 05:40:34 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 05:36:41 2019

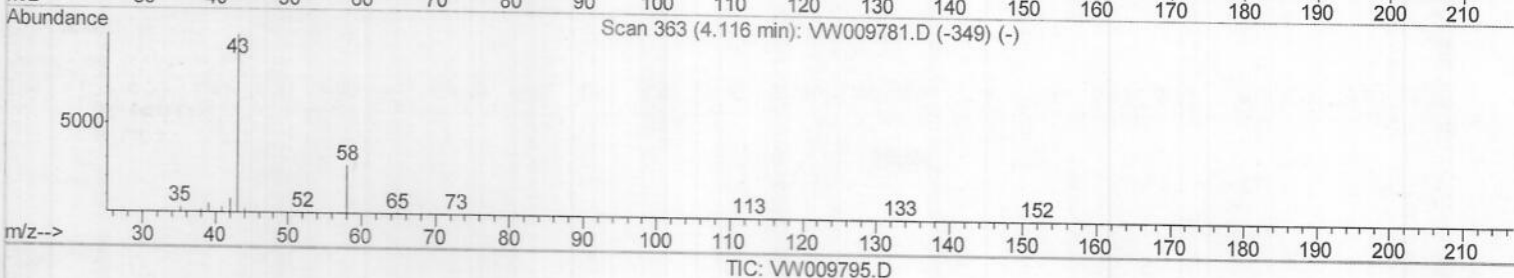
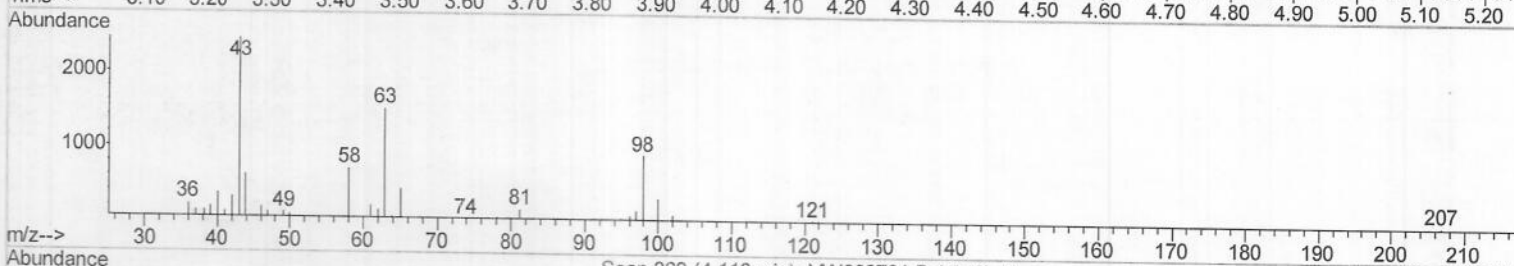
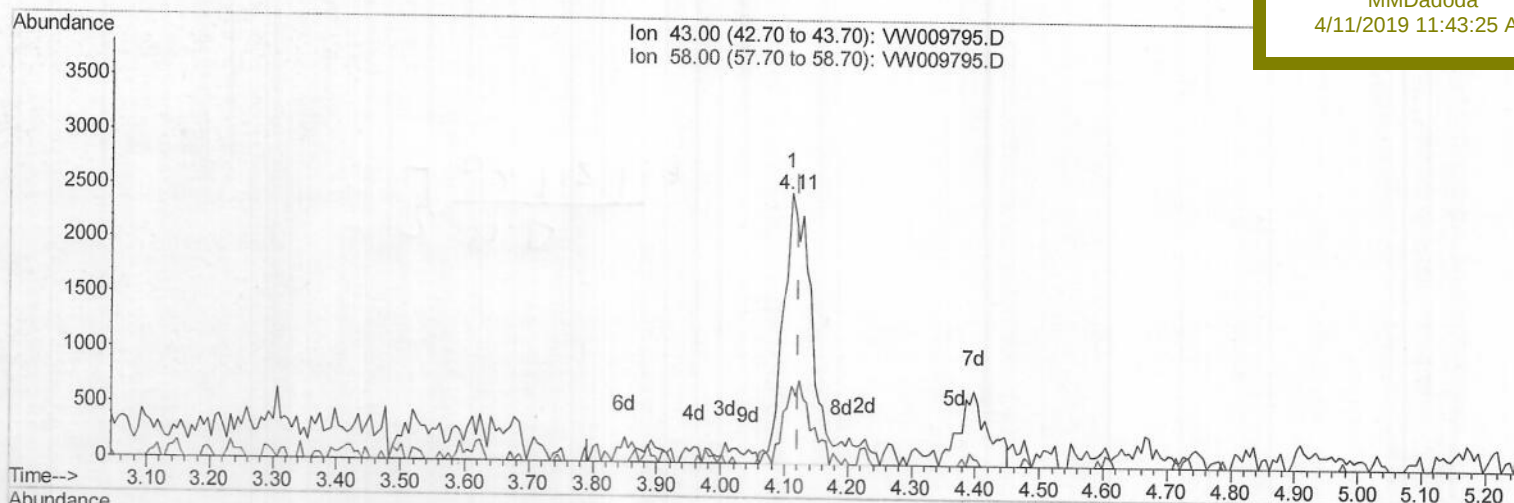
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF607

Manual Integrations
APPROVEDMMDadoda
4/11/2019 11:43:25 AM

(13) Acetone (T)

4.111min (-0.012) 4.02ug/L m

response 8054

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	24.53
0.00	0.00	0.00
0.00	0.00	0.00

M.D
4/12/19

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\

Data File : VW009795.D

Acq On : 07 Apr 2019 03:03

Operator : SY/VA

Sample : K2217-17

Misc : 3.20G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 05:40:34 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 05:36:41 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

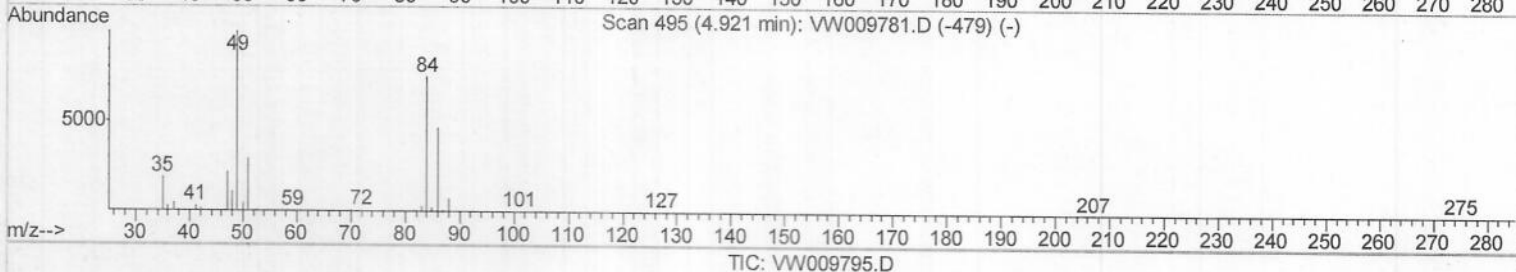
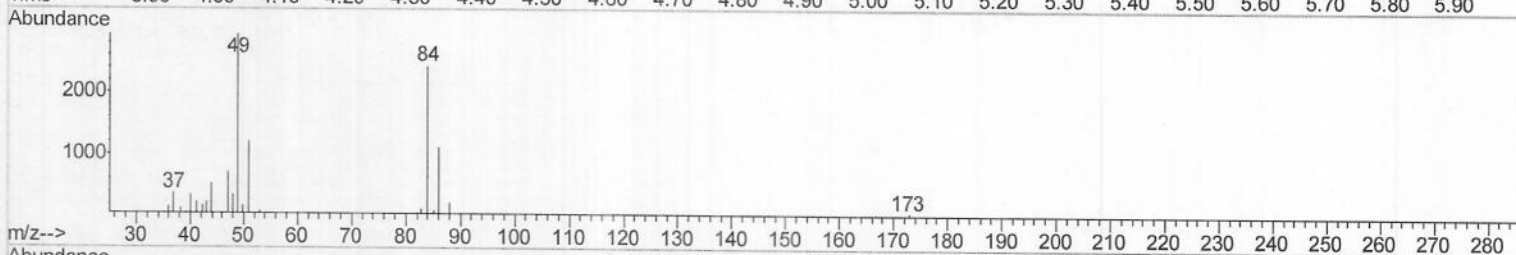
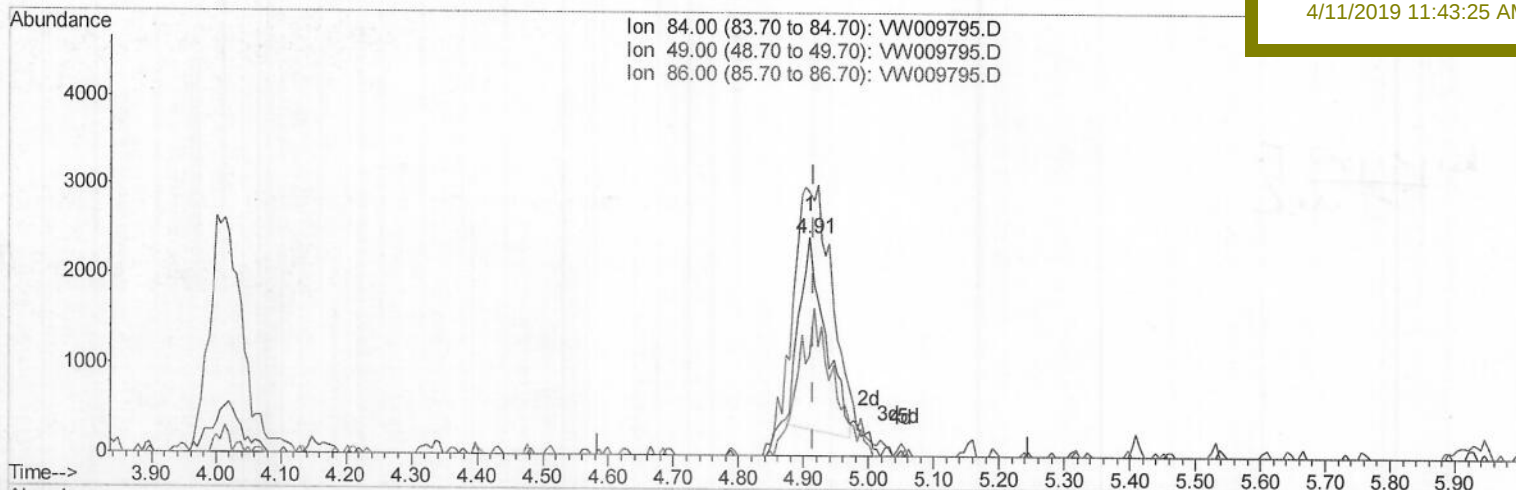
BF607

Manual Integrations

APPROVED

MMDadoda

4/11/2019 11:43:25 AM



(16) Methylene chloride (T)

4.909min (-0.006) 0.76ug/L

response 5873

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	120.77
86.00	66.30	45.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

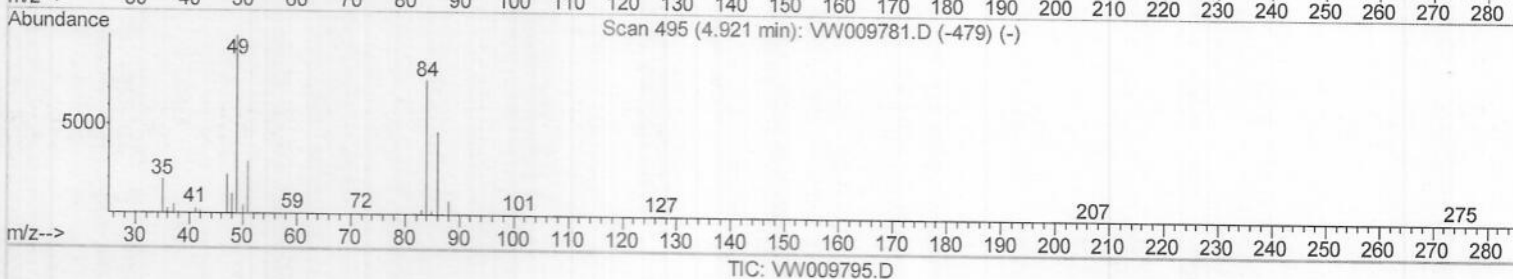
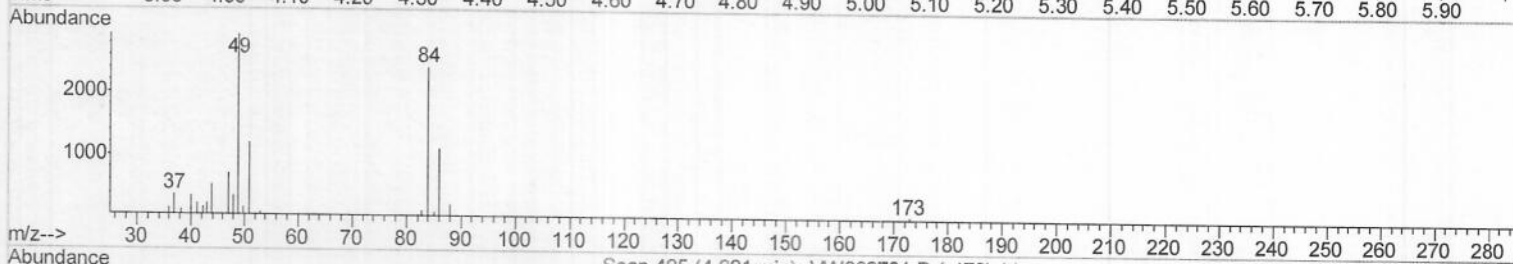
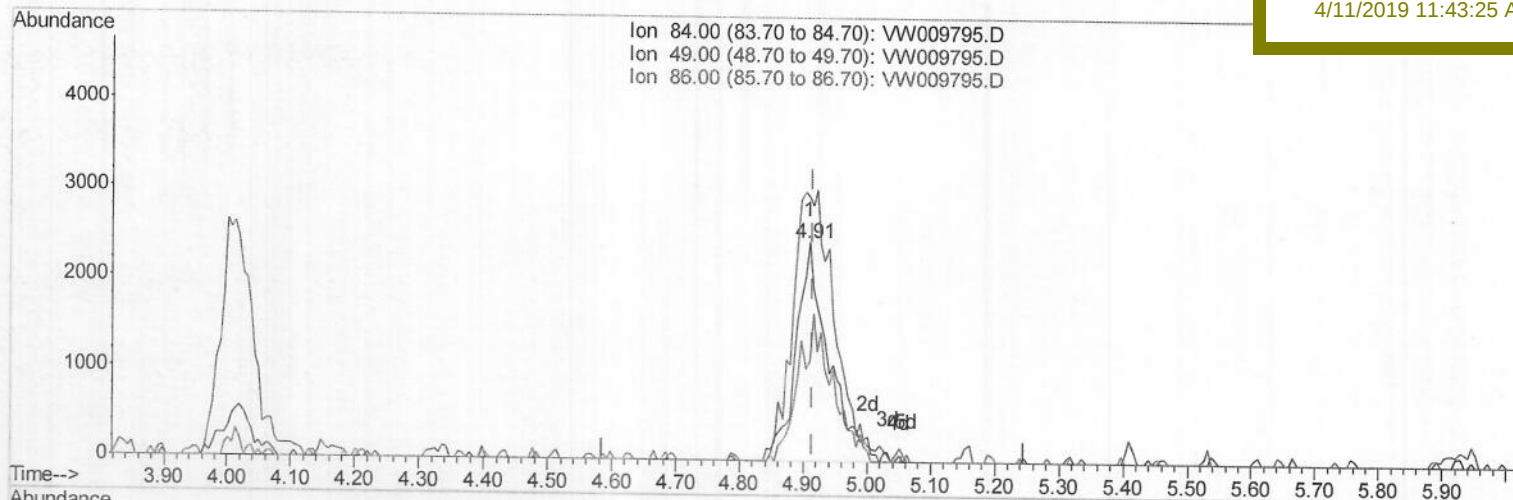
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009795.D
Acq On : 07 Apr 2019 03:03
Operator : SY/VA
Sample : K2217-17
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 05:40:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 05:36:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF607

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:25 AM



(16) Methylene chloride (T)

4.909min (-0.006) 1.12ug/L m

response 8670

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	120.77
86.00	66.30	45.82#
0.00	0.00	0.00

M.D
4/12/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
 Data File : VW009795.D
 Acq On : 07 Apr 2019 03:03
 Operator : SY/VA
 Sample : K2217-17
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF607

Quant Time: Apr 08 00:27:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	439894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166321	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147069	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.20%		
7) Chloroethane-d5	2.89	69	144452	27.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.56%		
10) 1,1-Dichloroethene-d2	4.01	63	265389	21.44	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.76%		
20) 2-Butanone-d5	7.07	46	117495	62.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.74%		
24) Chloroform-d	7.64	84	364564	30.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	121.48%		
26) 1,2-Dichloroethane-d4	8.31	65	235373	31.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	127.76%		
29) Benzene-d6	8.27	84	682933	31.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.04%		
33) 1,2-Dichloropropane-d6	9.27	67	215106	32.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.52%#		
37) Toluene-d8	10.32	98	613286	30.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	122.40%		
38) trans-1,3-Dichloropropene-	10.58	79	83838	26.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.04%		
39) 2-Hexanone-d5	10.93	63	82500	65.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	130.76%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188668	30.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.24%#		
61) 1,2-Dichlorobenzene-d4	13.85	152	194426	33.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	133.24%#		

Target Compounds

13) Acetone	4.11	43	8054m	4.022	ug/L	Qvalue
16) Methylene chloride	4.91	84	8670m	1.118	ug/L	

M.D.
 4/12/19

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