

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\

Data File : VW009877.D

Acq On : 10 Apr 2019 11:55

Operator : SY/VA

Sample : K2254-22

Misc : 4.97G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 07:30:00 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 08:15:04 2019

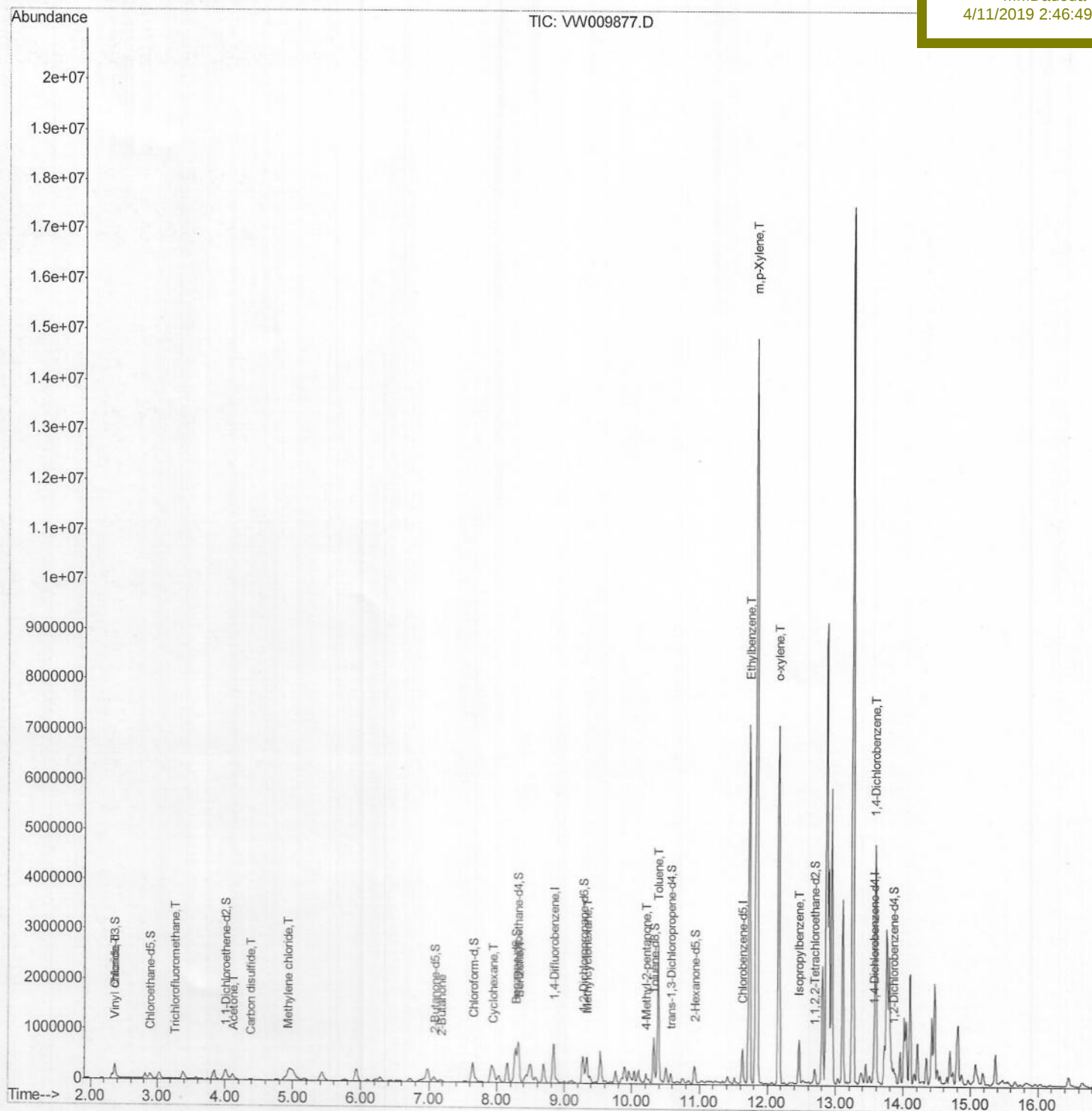
Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

BFC68

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:46:49 PM

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\

Data File : VW009877.D

Acq On : 10 Apr 2019 11:55

Operator : SY/VA

Sample : K2254-22

Misc : 4.97G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 12:15:51 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 08:15:04 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

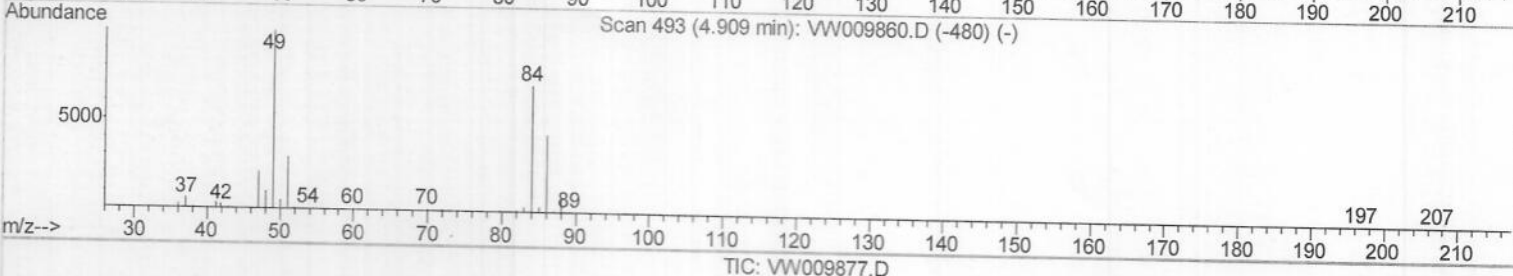
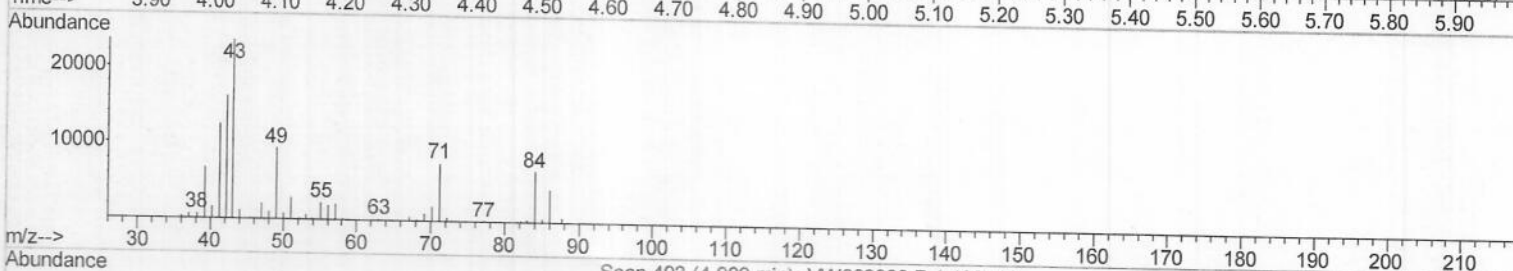
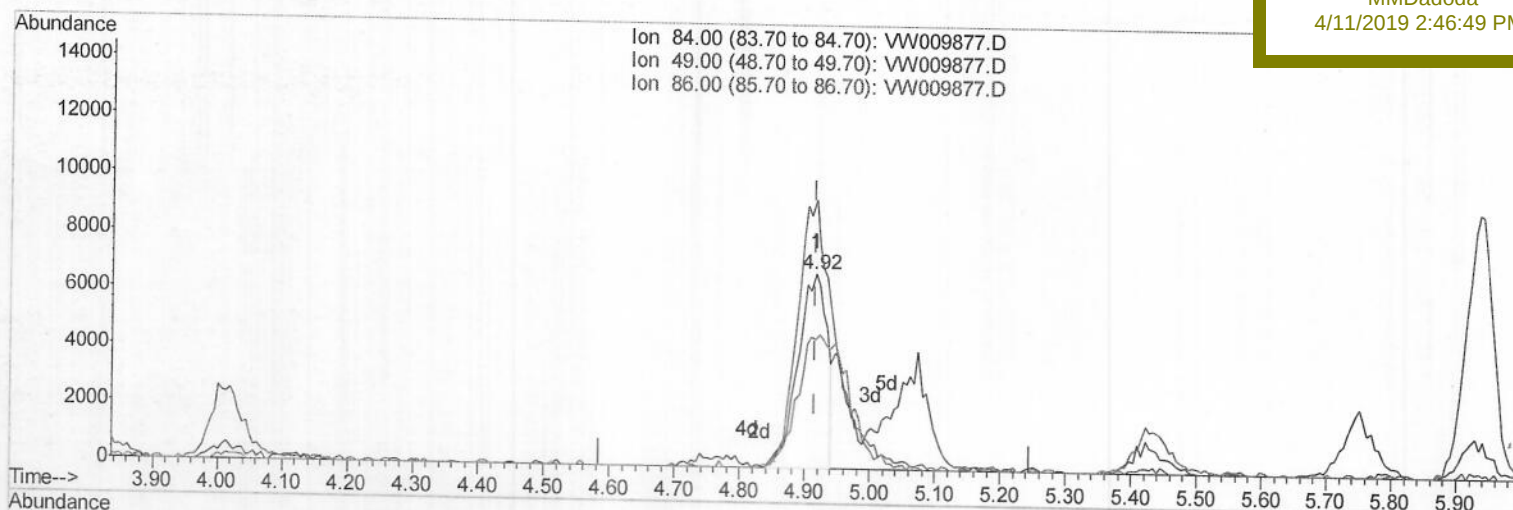
BFC68

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:46:49 PM



(16) Methylene chloride (T)

4.915min (+0.000) 2.32ug/L

response 21134

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.19
86.00	66.30	65.96
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\

Data File : VW009877.D

Acq On : 10 Apr 2019 11:55

Operator : SY/VA

Sample : K2254-22

Misc : 4.97G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 12:15:51 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 08:15:04 2019

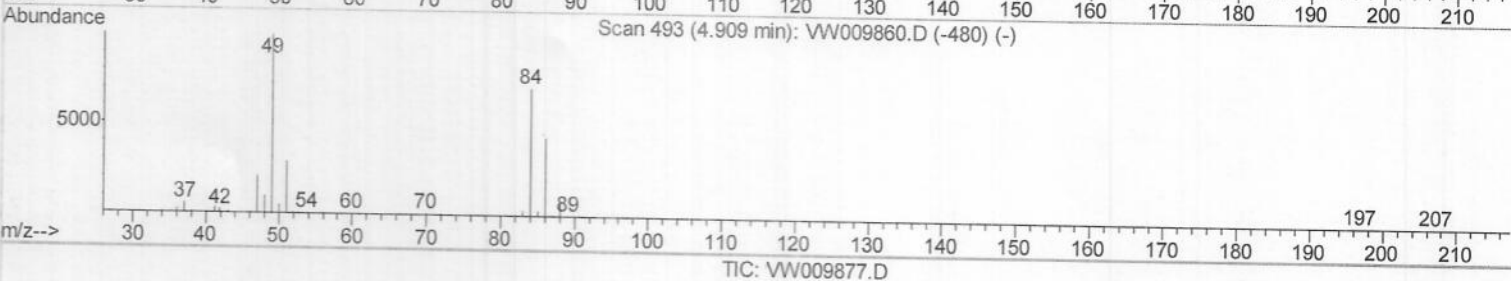
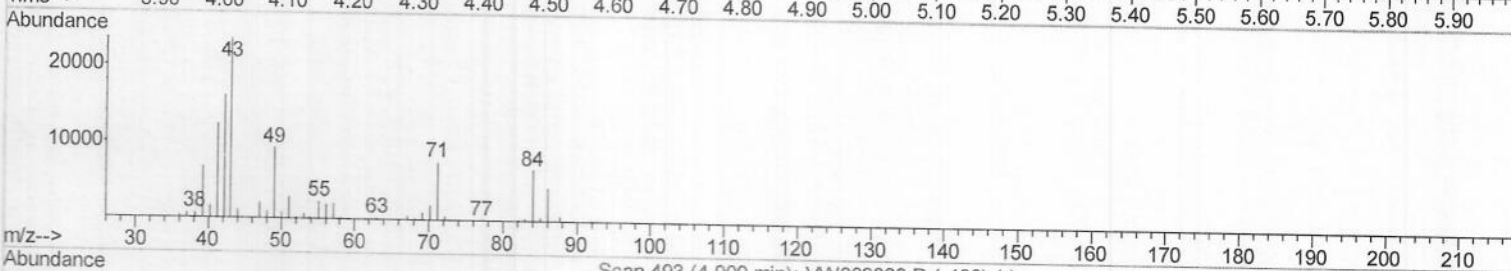
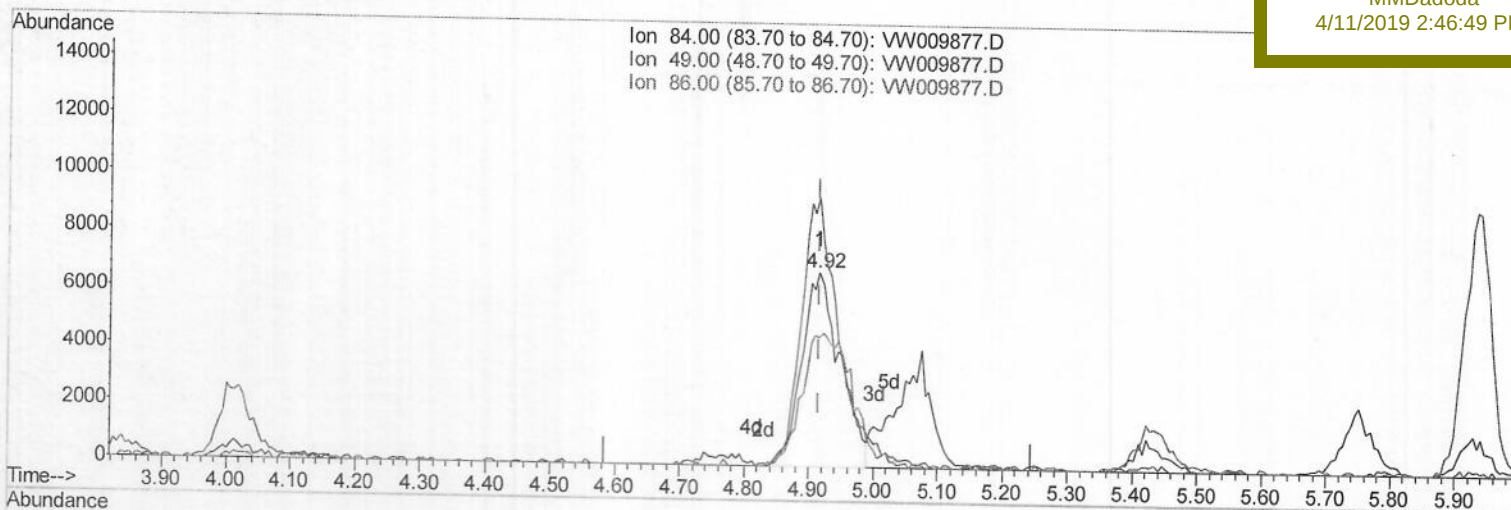
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BFC68

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:46:49 PM

(16) Methylene chloride (T)

4.915min (+0.000) 3.07ug/L m

response 27949

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.19
86.00	66.30	65.96
0.00	0.00	0.00

3 M.D.

04/11/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\

Data File : VW009877.D

Acq On : 10 Apr 2019 11:55

Operator : SY/VA

Sample : K2254-22

Misc : 4.97G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 12:15:51 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 08:15:04 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

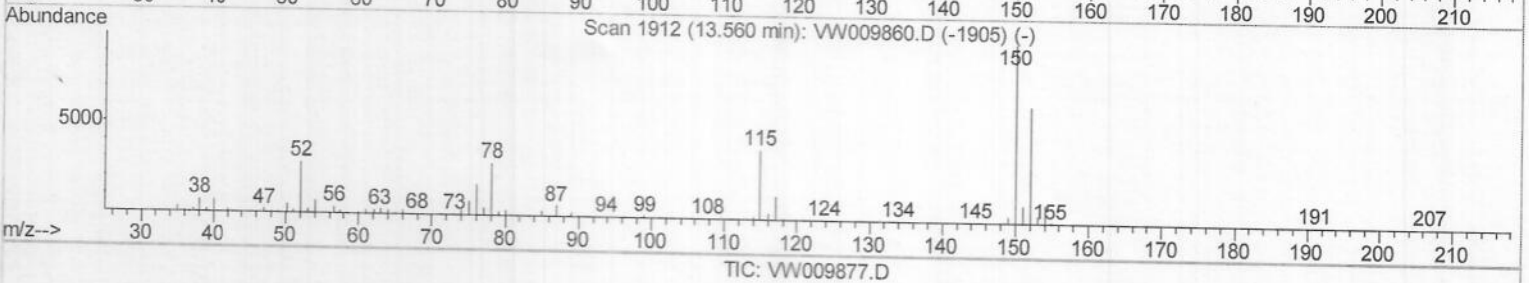
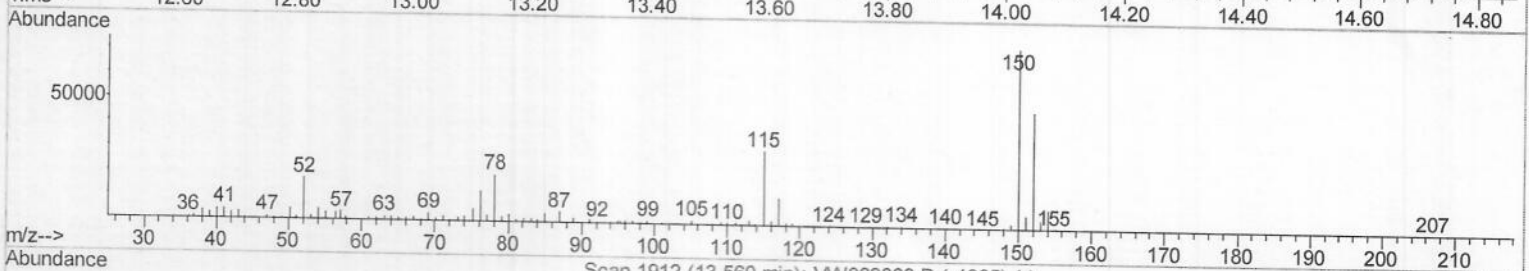
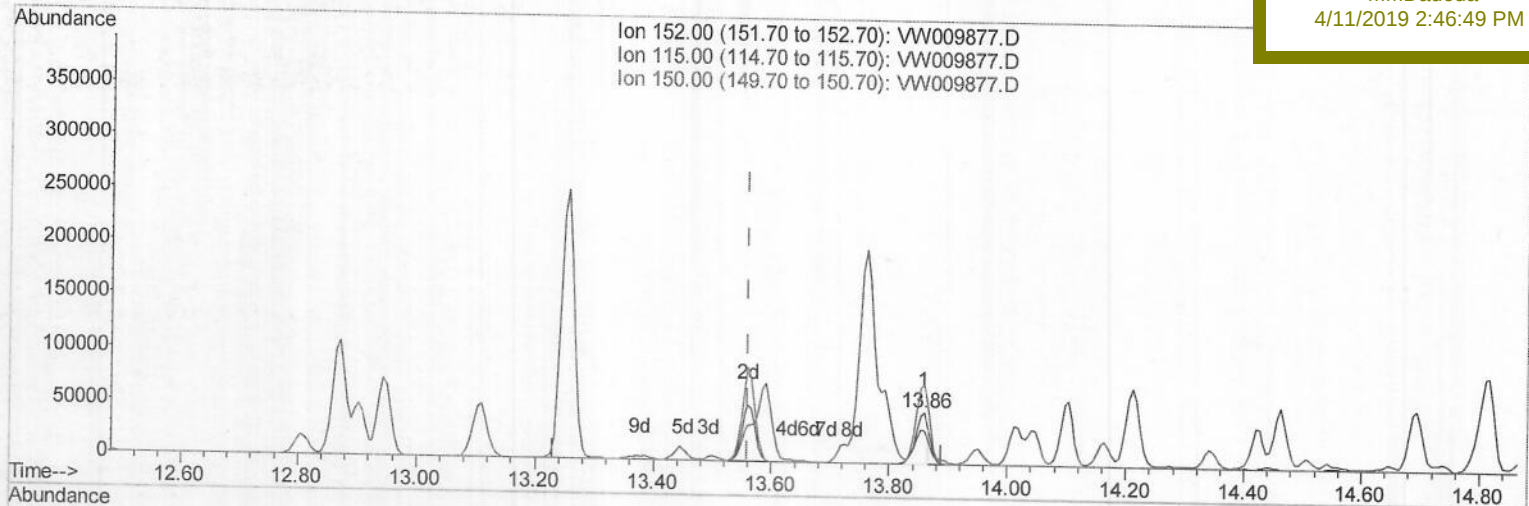
BFC68

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:46:49 PM



(60) 1,4-Dichlorobenzene-d4 (I)

13.859min (+0.299) 25.00ug/L

response 68156

Ion	Exp%	Act%
152.00	100	100
115.00	58.50	57.96
150.00	171.20	155.55
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\

Data File : VW009877.D

Acq On : 10 Apr 2019 11:55

Operator : SY/VA

Sample : K2254-22

Misc : 4.97G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 12:15:51 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 08:15:04 2019

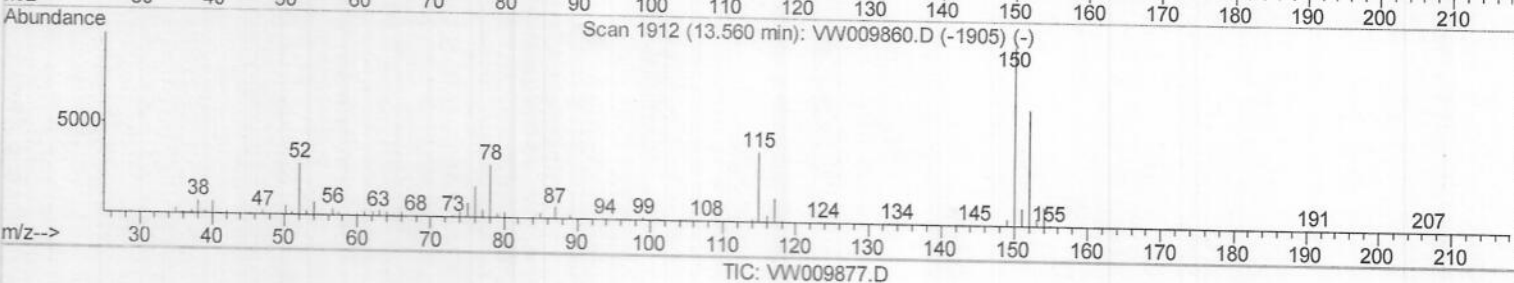
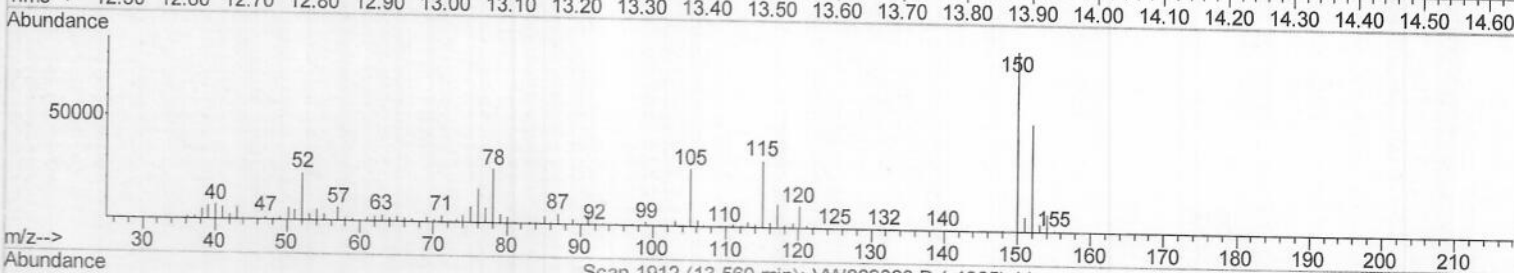
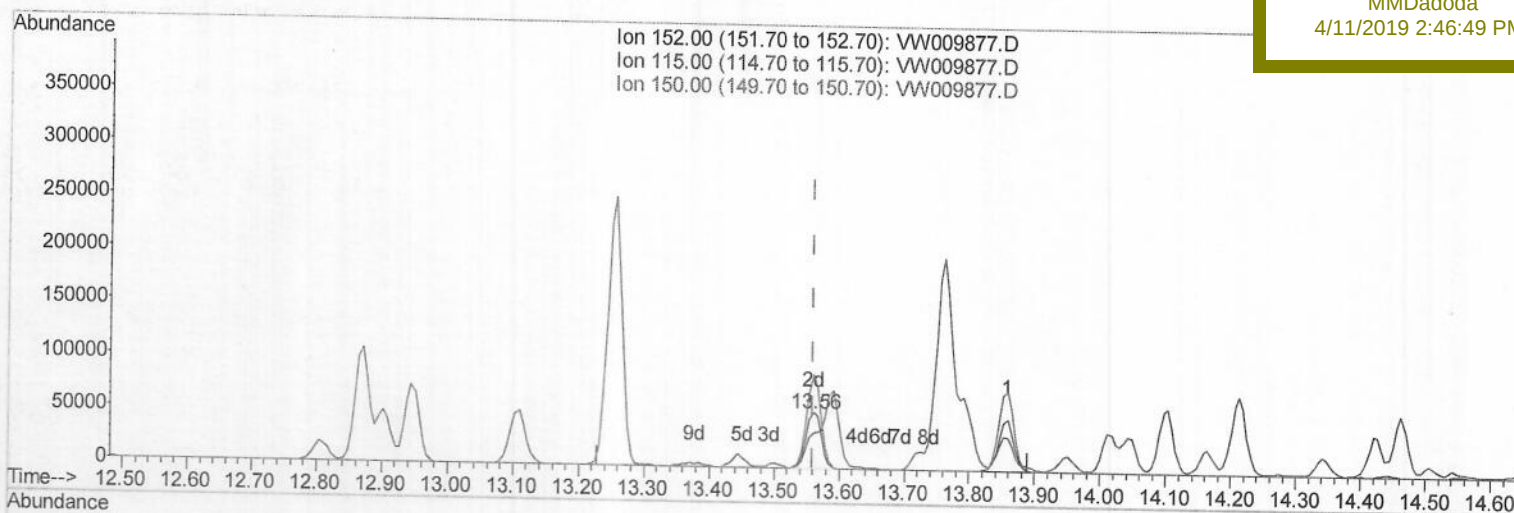
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

BFC68

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:46:49 PM

(60) 1,4-Dichlorobenzene-d4 (I)

13.560min (+0.000) 25.00ug/L m

response 87093

Ion	Exp%	Act%
152.00	100	100
115.00	58.50	45.36
150.00	171.20	121.73
0.00	0.00	0.00

S.M.D.
04/19/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
 Data File : VW009877.D
 Acq On : 10 Apr 2019 11:55
 Operator : SY/VA
 Sample : K2254-22
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 07:30:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_W
 Client Sampled :
 BFC68

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:46:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	516394	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345899	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87093m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141756	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	129014	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	245074	16.86	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.44%
20) 2-Butanone-d5	7.07	46	130006	59.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.50%
24) Chloroform-d	7.65	84	347901	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	218691	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	641001	35.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.20%#
33) 1,2-Dichloropropane-d6	9.27	67	209649	37.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.52%#
37) Toluene-d8	10.32	98	489991	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.76%
38) trans-1,3-Dichloropropene-	10.58	79	81817	30.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.36%
39) 2-Hexanone-d5	10.93	63	87132	82.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131773	25.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	79120	25.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.56%

Target Compounds

						Qvalue
5) Vinyl chloride	2.36	62	194007	21.515	ug/L	99
9) Trichlorofluoromethane	3.26	101	9571	1.730	ug/L	97
13) Acetone	4.12	43	158058	67.236	ug/L	97
14) Carbon disulfide	4.37	76	24799	1.163	ug/L	99
16) Methylene chloride	4.92	84	27949m	3.069	ug/L	97
21) 2-Butanone	7.17	43	47244	15.802	ug/L	97
30) Cyclohexane	7.95	56	176923	21.671	ug/L #	83
34) Benzene	8.32	78	596212	28.649	ug/L	100
36) Methylcyclohexane	9.34	83	155412	17.356	ug/L #	82
43) 4-Methyl-2-pentanone	10.21	43	96828	23.399	ug/L	97
44) Toluene	10.39	91	1929917	87.540	ug/L	99
53) Ethylbenzene	11.73	91	4670462	185.975	ug/L	100
54) m,p-Xylene	11.84	106	4382110	471.773	ug/L	96
55) o-xylene	12.16	106	1833717	207.282	ug/L	98
57) Isopropylbenzene	12.47	105	528979	21.837	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	2425	0.422	ug/L #	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009877.D
Acq On : 10 Apr 2019 11:55
Operator : SY/VA
Sample : K2254-22
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 07:30:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
--------------------	------	------	----------	------	-------	-----------

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

Instrument :
MSVOA_W
ClientSampleId :
BFC68

Manual Integrations
APPROVED

MMDadoda
4/11/2019 2:46:49 PM