

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009827.D

Acq On : 09 Apr 2019 05:54

Operator : SY/VA

Sample : K2273-02

Misc : 5.18G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 08:07:03 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 07:56:15 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

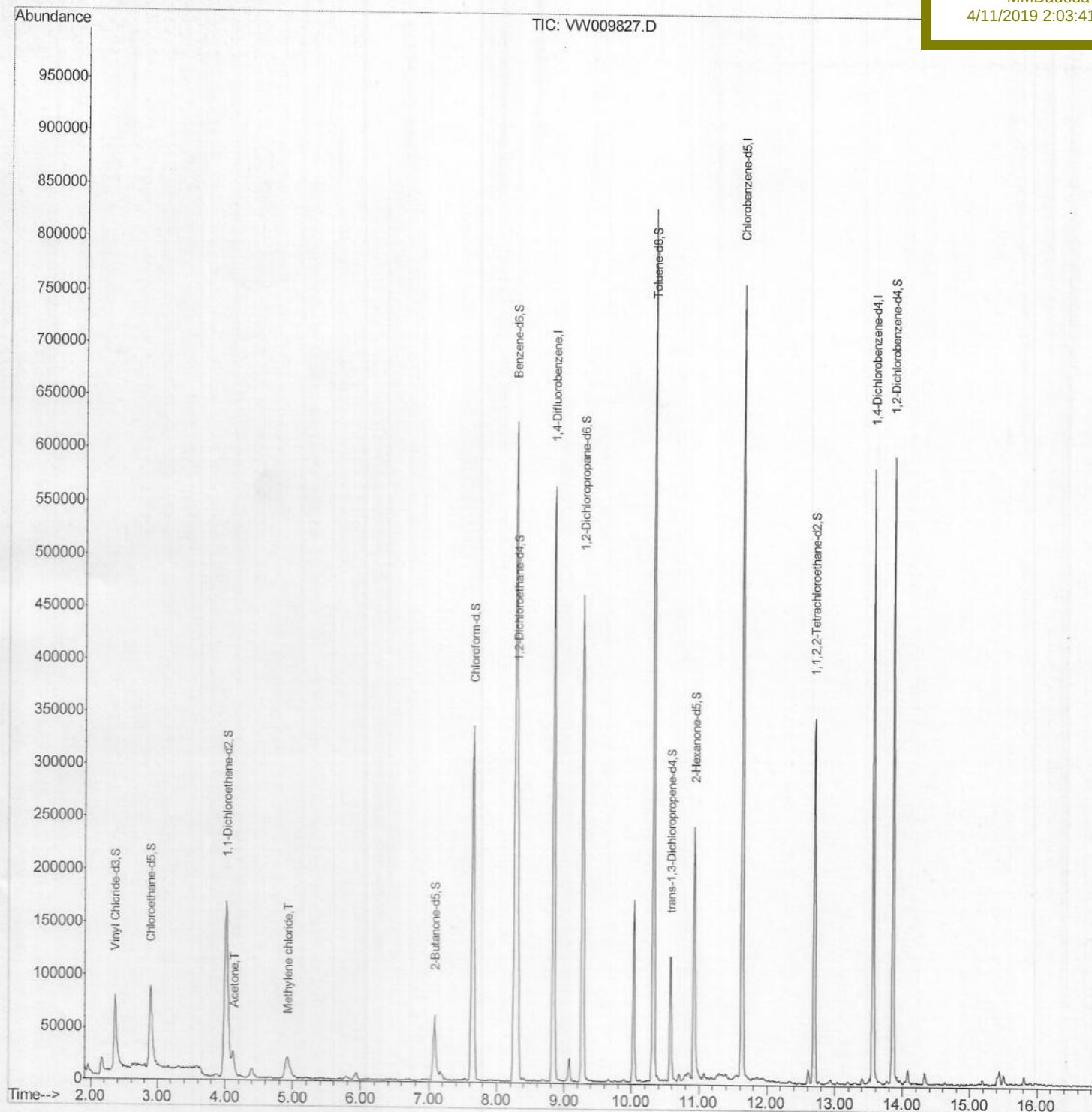
BFC52

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:03:41 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009827.D

Acq On : 09 Apr 2019 05:54

Operator : SY/VA

Sample : K2273-02

Misc : 5.18G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 21 03:09:33 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 19 08:16:42 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

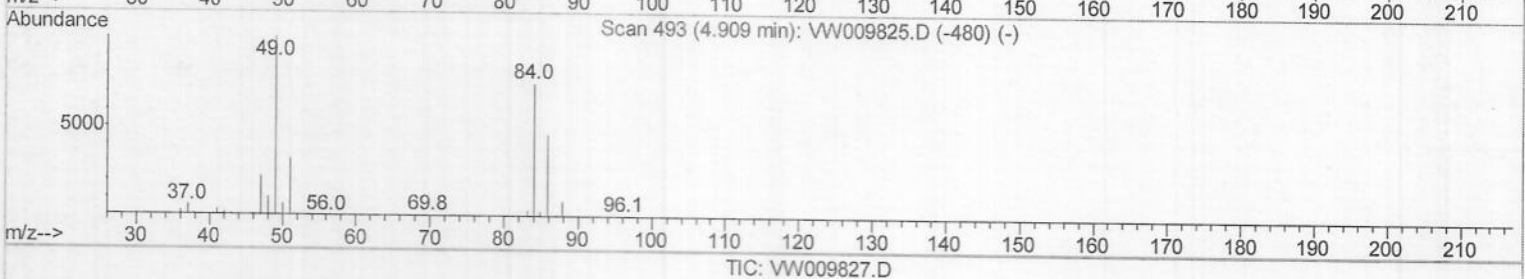
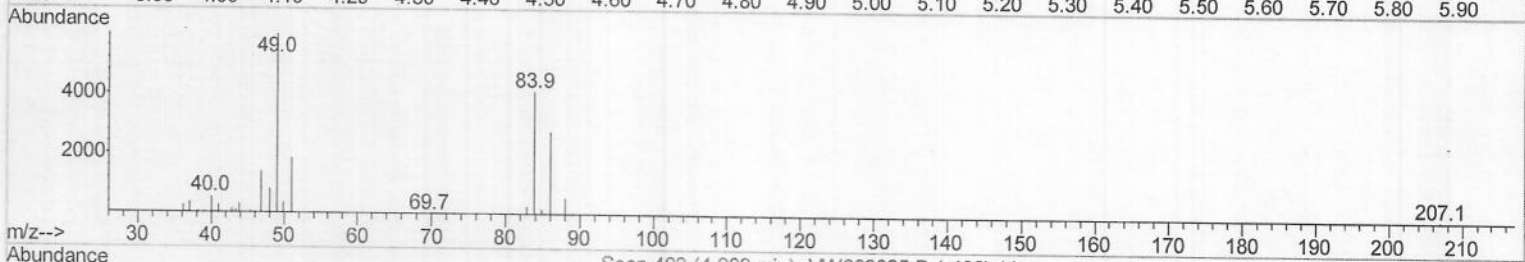
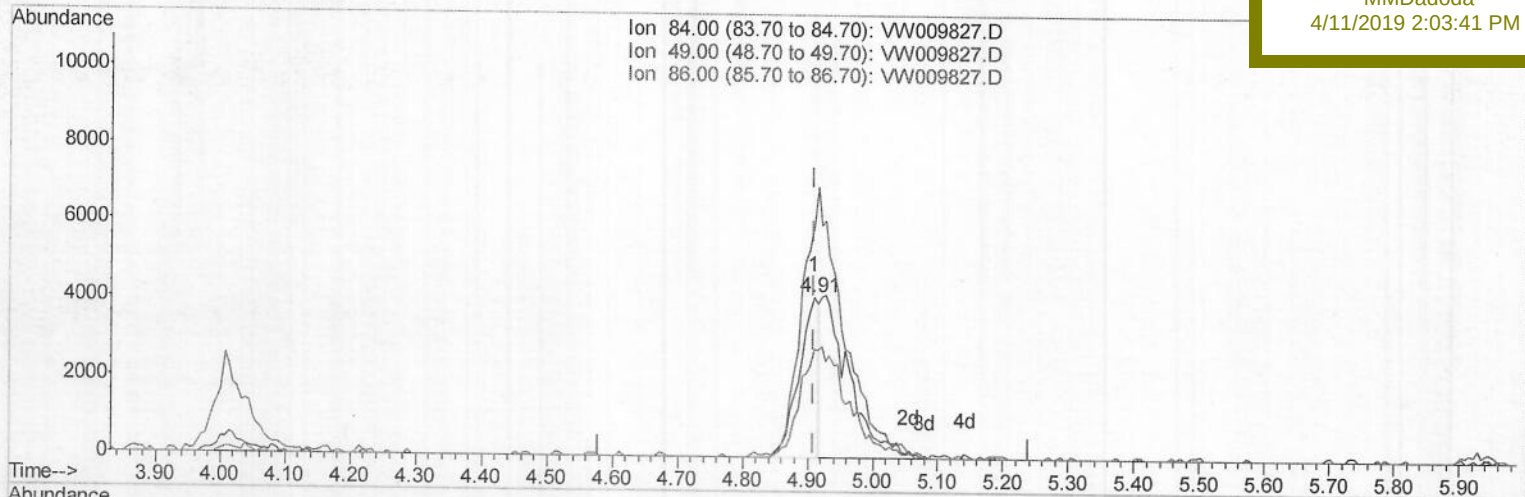
BFC52

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:03:41 PM



(16) Methylene chloride (T)

• 4.909min (+0.000) 1.13ug/L

response 8614

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	145.95
86.00	66.30	67.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009827.D

Acq On : 09 Apr 2019 05:54

Operator : SY/VA

Sample : K2273-02

Misc : 5.18G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 08:07:03 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 07:56:15 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

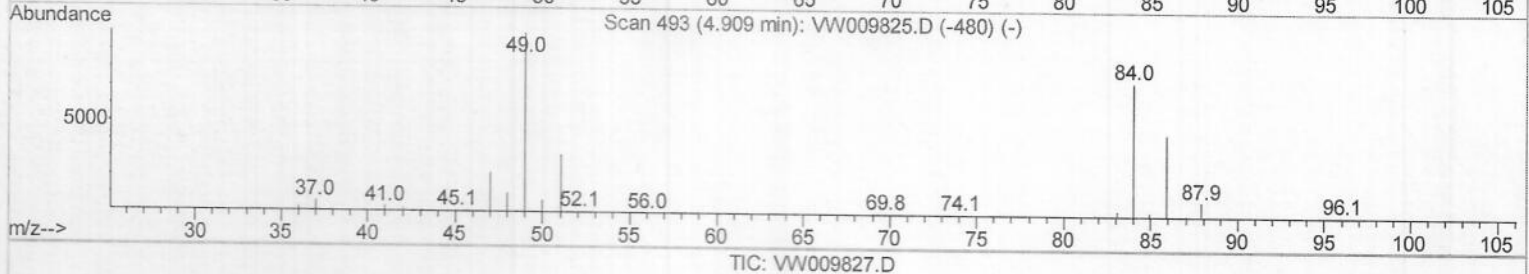
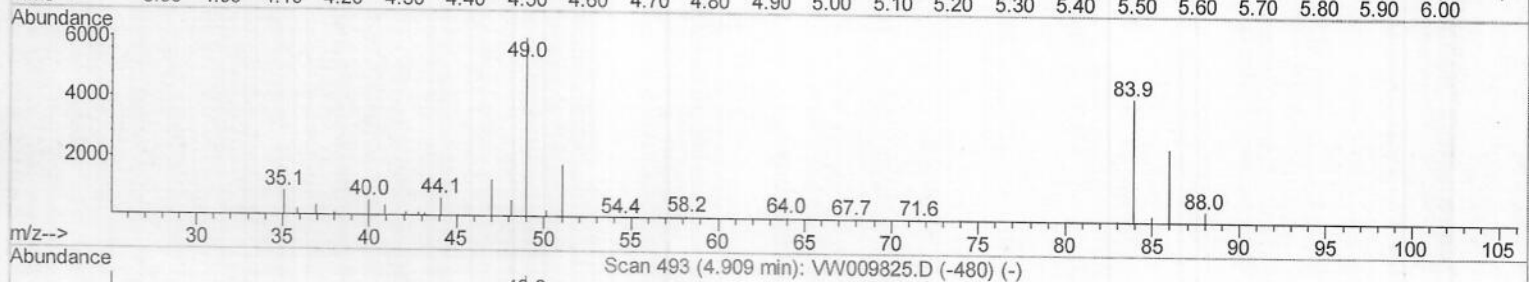
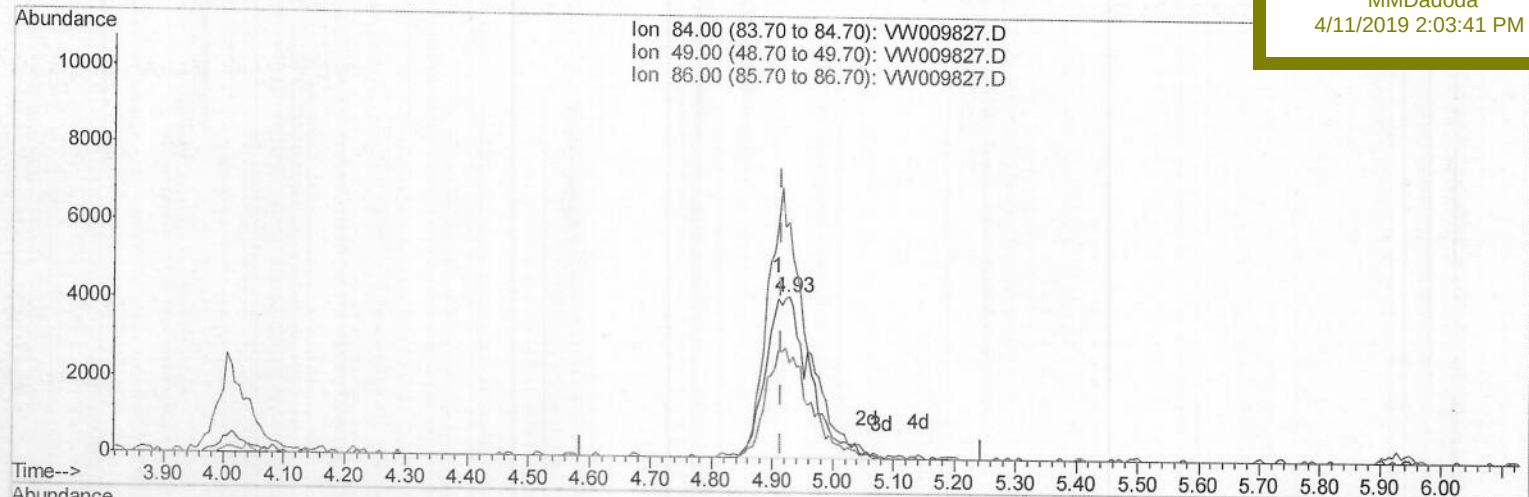
BFC52

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:03:41 PM



(16) Methylene chloride (T)

4.928min (+0.012) 2.82ug/L m

response 21442

Ion Exp% Act%

84.00 100 100

49.00 140.40 145.49

86.00 66.30 59.44

0.00 0.00 0.00

M.D
04/22/19

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009827.D

Acq On : 09 Apr 2019 05:54

Operator : SY/VA

Sample : K2273-02

Misc : 5.18G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 21 03:09:33 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 19 08:16:42 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

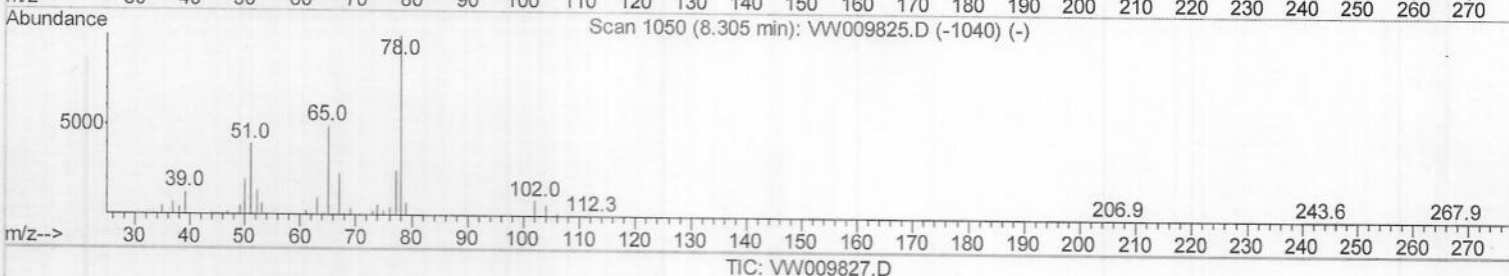
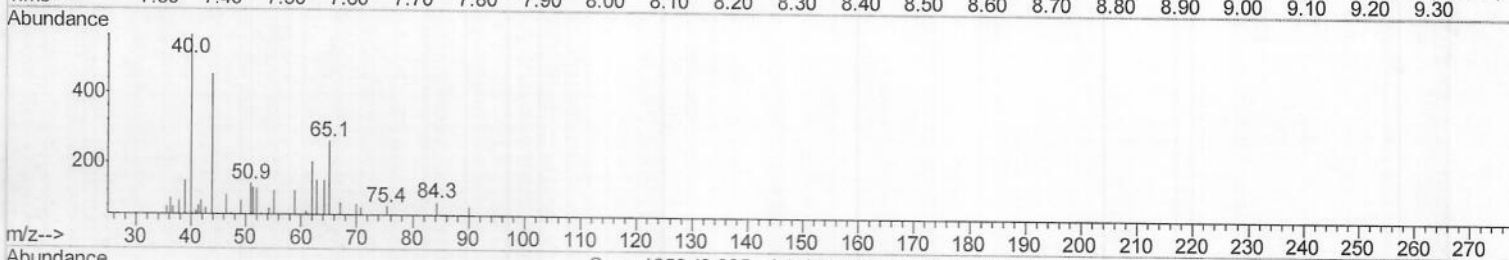
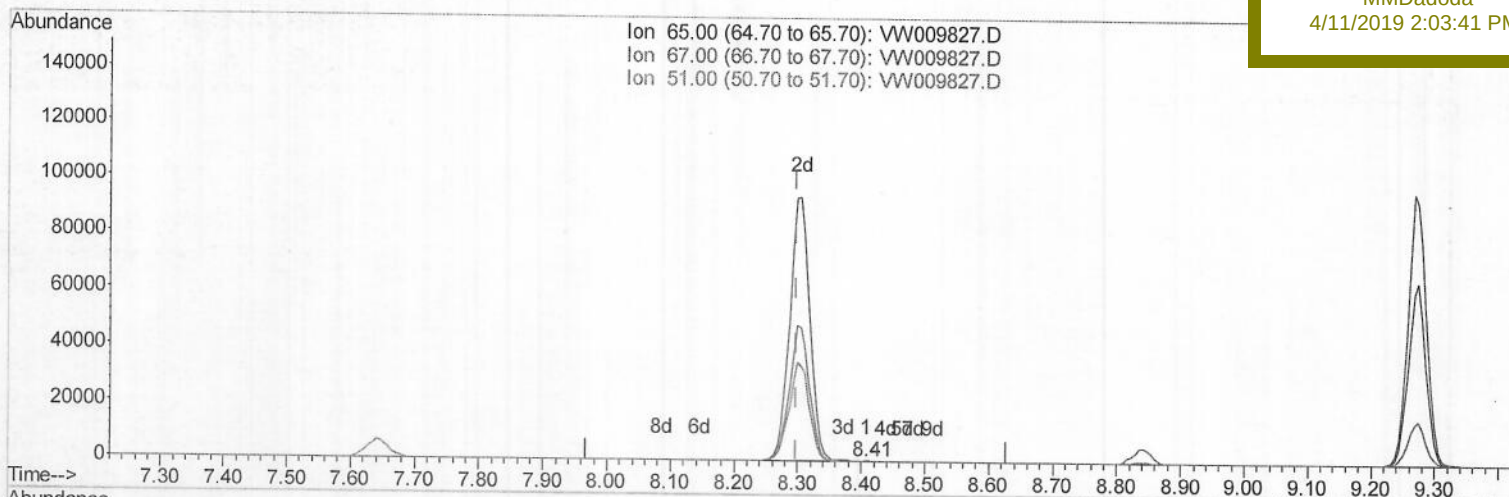
BFC52

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:03:41 PM



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

8.409min (+0.110) 0.02ug/L

response 160

Ion	Exp%	Act%
-----	------	------

65.00	100	100
-------	-----	-----

67.00	50.90	56.25
-------	-------	-------

51.00	109.90	127.50
-------	--------	--------

0.00	0.00	0.00
------	------	------

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009827.D

Acq On : 09 Apr 2019 05:54

Operator : SY/VA

Sample : K2273-02

Misc : 5.18G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 08:07:03 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 07:56:15 2019

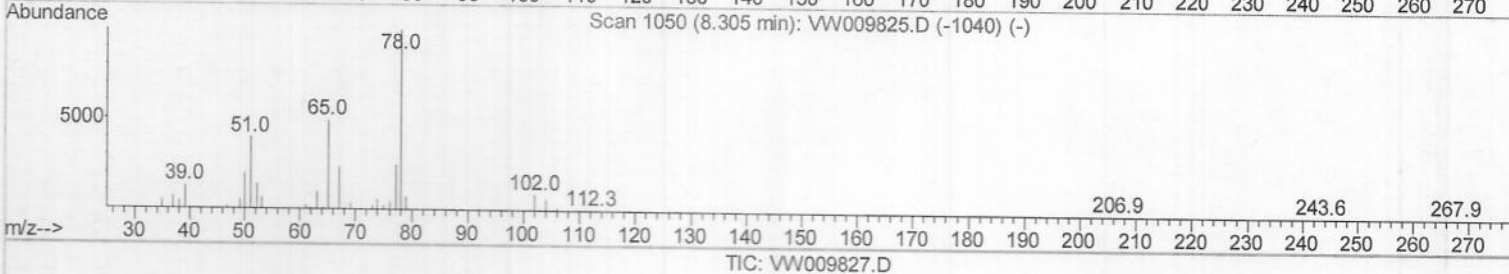
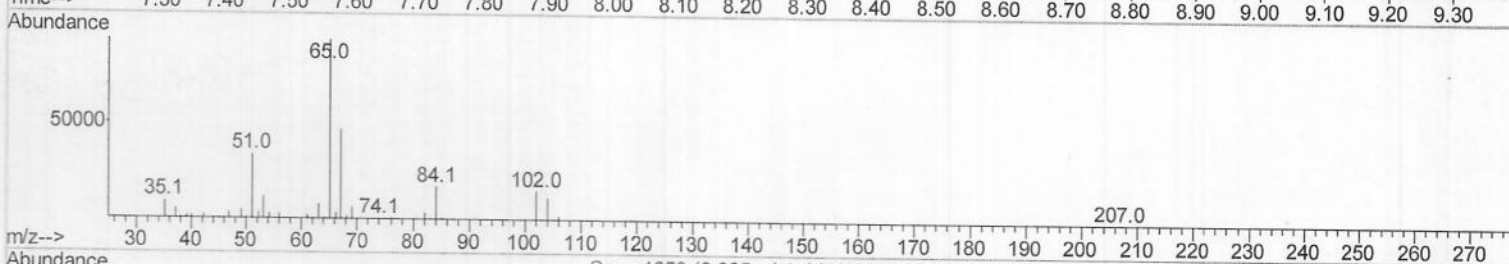
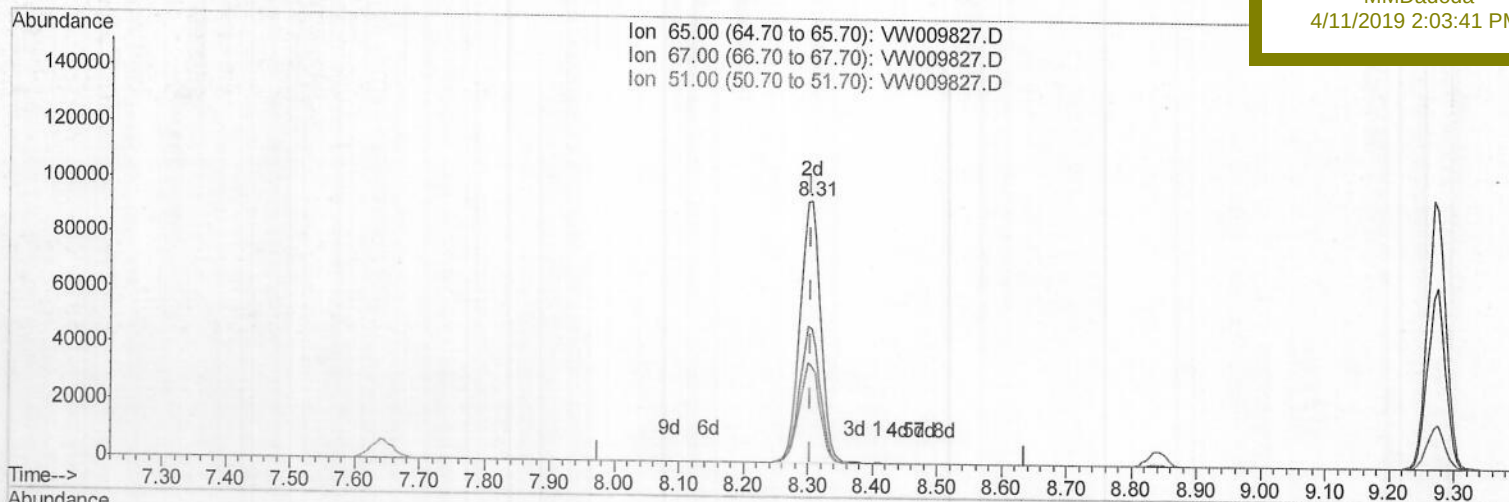
Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

BFC52

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:03:41 PM

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

8.305min (+0.000) 28.67ug/L m

response 206717

Ion	Exp%	Act%
-----	------	------

65.00	100	100
-------	-----	-----

67.00	50.90	0.04#
-------	-------	-------

51.00	109.90	0.10#
-------	--------	-------

0.00	0.00	0.00
------	------	------

M.D
04/22/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009827.D
 Acq On : 09 Apr 2019 05:54
 Operator : SY/VA
 Sample : K2273-02
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BFC52

Quant Time: Apr 09 08:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:56:15 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133195	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
7) Chloroethane-d5	2.89	69	128202	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.01	63	235147	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.64%
20) 2-Butanone-d5	7.08	46	103819	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
24) Chloroform-d	7.65	84	329573	28.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	8.31	65	206717m	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.68%
29) Benzene-d6	8.27	84	603125	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	190650	30.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.52%#
37) Toluene-d8	10.32	98	506731	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.88%
38) trans-1,3-Dichloropropene-	10.57	79	61052	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	61641	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155188	26.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	145218	30.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.64%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	37562	19.171 ug/L	99
16) Methylene chloride	4.93	84	21442m	2.825 ug/L	

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

M.D
 04/22/19