

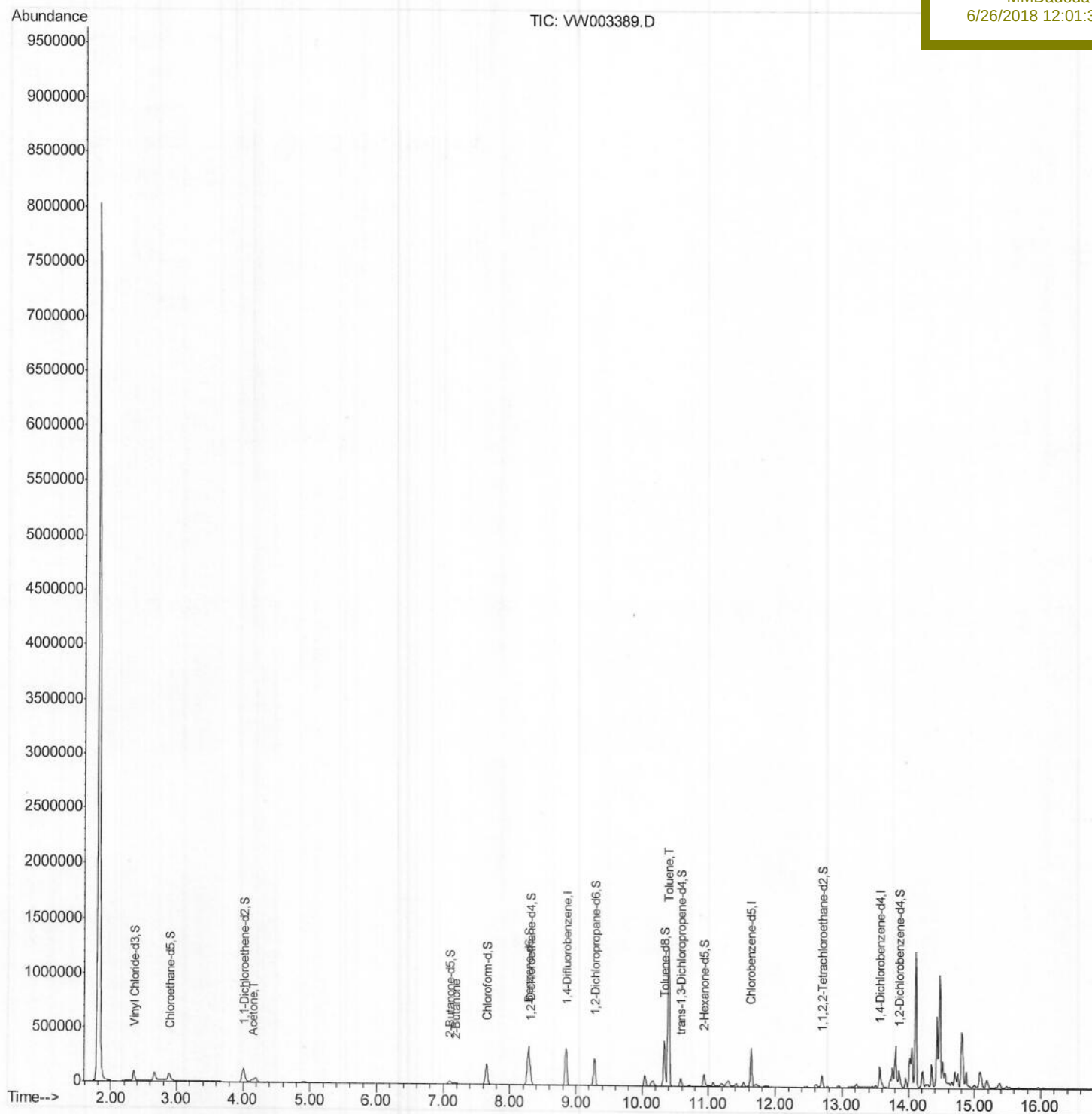
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003389.D
Acq On : 21 Jun 2018 15:54
Operator : SY/AP
Sample : J3569-22
Misc : 12.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 06:51:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
DAXT7

Manual Integrations
APPROVED

MMDadoda
6/26/2018 12:01:34 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\

Data File : VW003389.D

Acq On : 21 Jun 2018 15:54

Operator : SY/AP

Sample : J3569-22

Misc : 12.05G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 04:56:09 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 22 04:53:24 2018

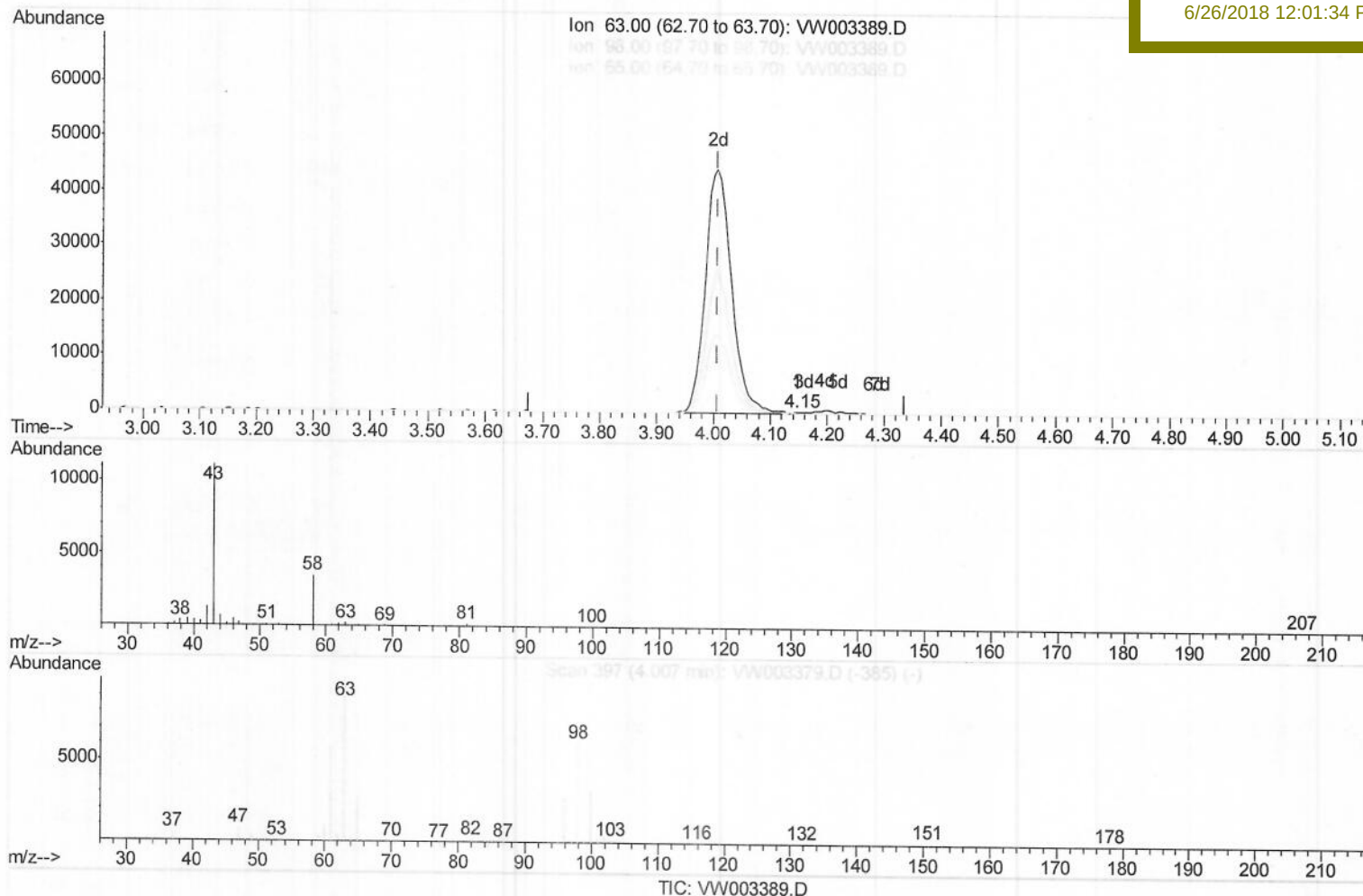
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

DAXT7

Manual Integrations
APPROVEDMMDadoda
6/26/2018 12:01:34 PM

(10) 1,1-Dichloroethene-d2 (S)

4.147min (+0.140) 0.04ug/L

response 314

Ion	Exp%	Act%
63.00	100	100
98.00	69.30	58.92
65.00	24.00	21.66
0.00	0.00	0.00

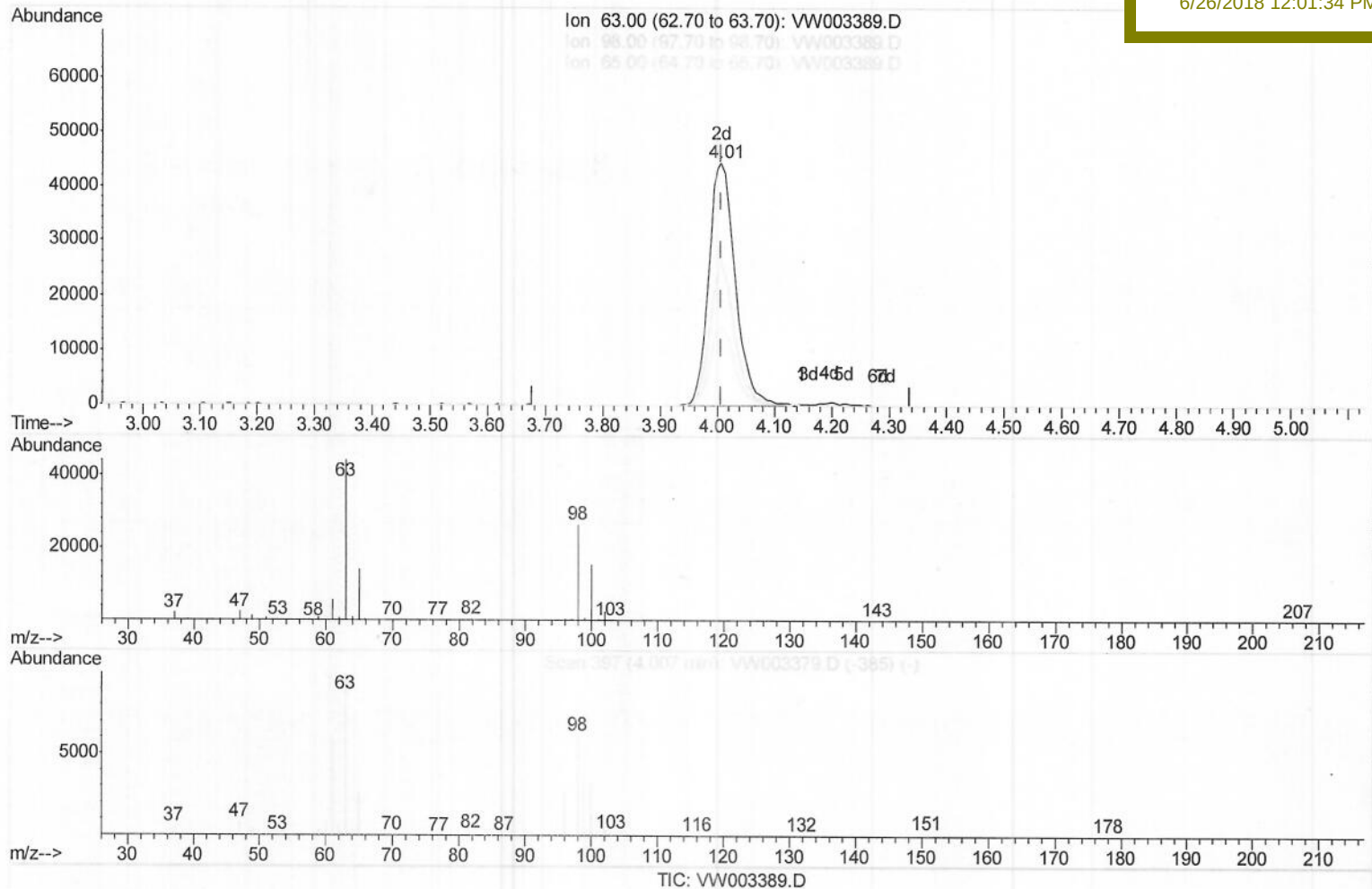
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003389.D
 Acq On : 21 Jun 2018 15:54
 Operator : SY/AP
 Sample : J3569-22
 Misc : 12.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 04:56:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT7

Manual Integrations
 APPROVED

MMDadoda
 6/26/2018 12:01:34 PM



(10) 1,1-Dichloroethene-d2 (S)

4.007min (-0.000) 19.67ug/L m

response 143507

Ion	Exp%	Act%
63.00	100	100
98.00	69.30	0.13#
65.00	24.00	0.05#
0.00	0.00	0.00

> MD
 06/30/18

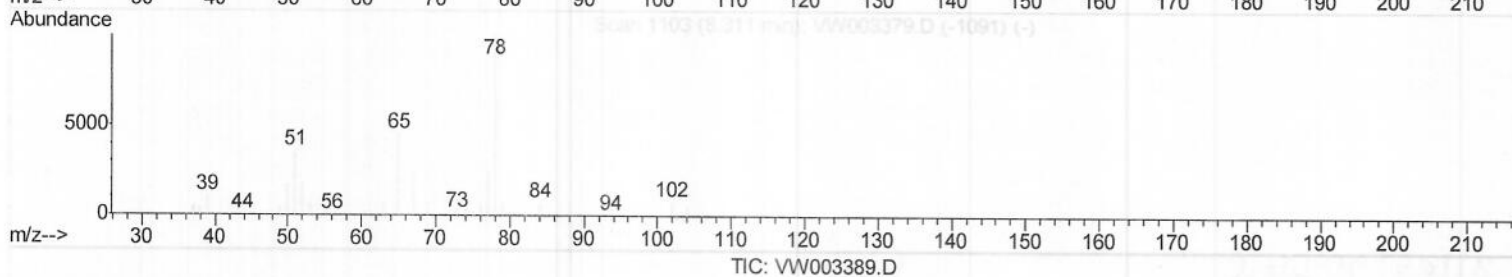
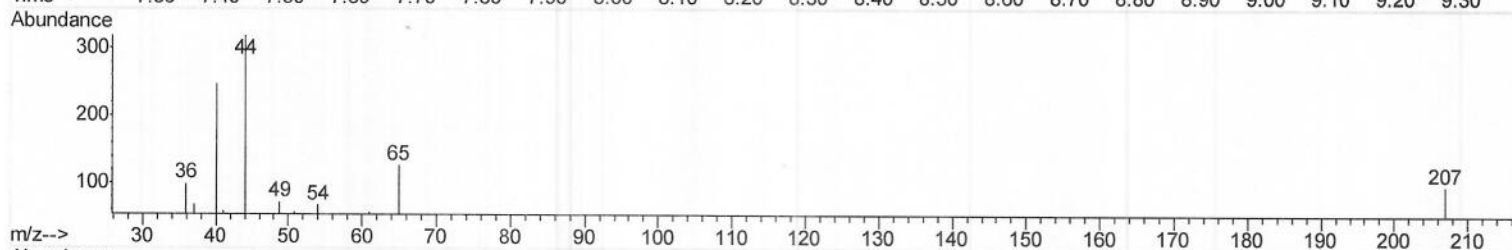
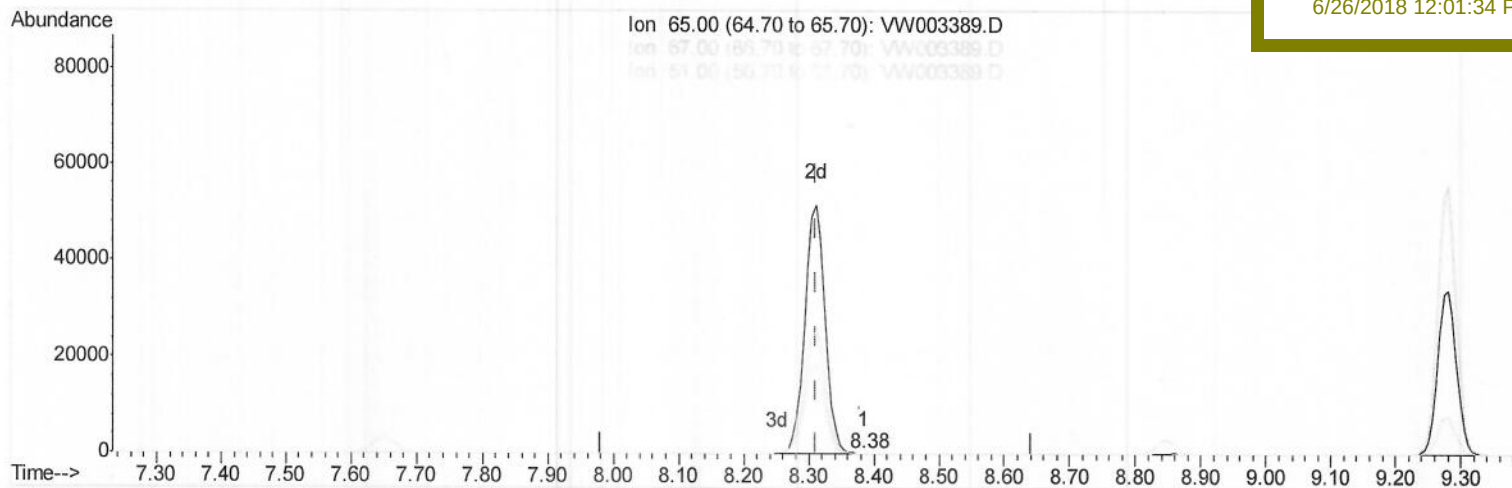
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003389.D
Acq On : 21 Jun 2018 15:54
Operator : SY/AP
Sample : J3569-22
Misc : 12.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 04:56:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
DAXT7

Manual Integrations
APPROVED

MMDadoda
6/26/2018 12:01:34 PM



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

8.384min (+0.073) 0.01ug/L

response 38

Ion	Exp%	Act%
65.00	100	100
67.00	51.60	57.89
51.00	97.60	118.42
0.00	0.00	0.00

Quantitation Report (Qedit)

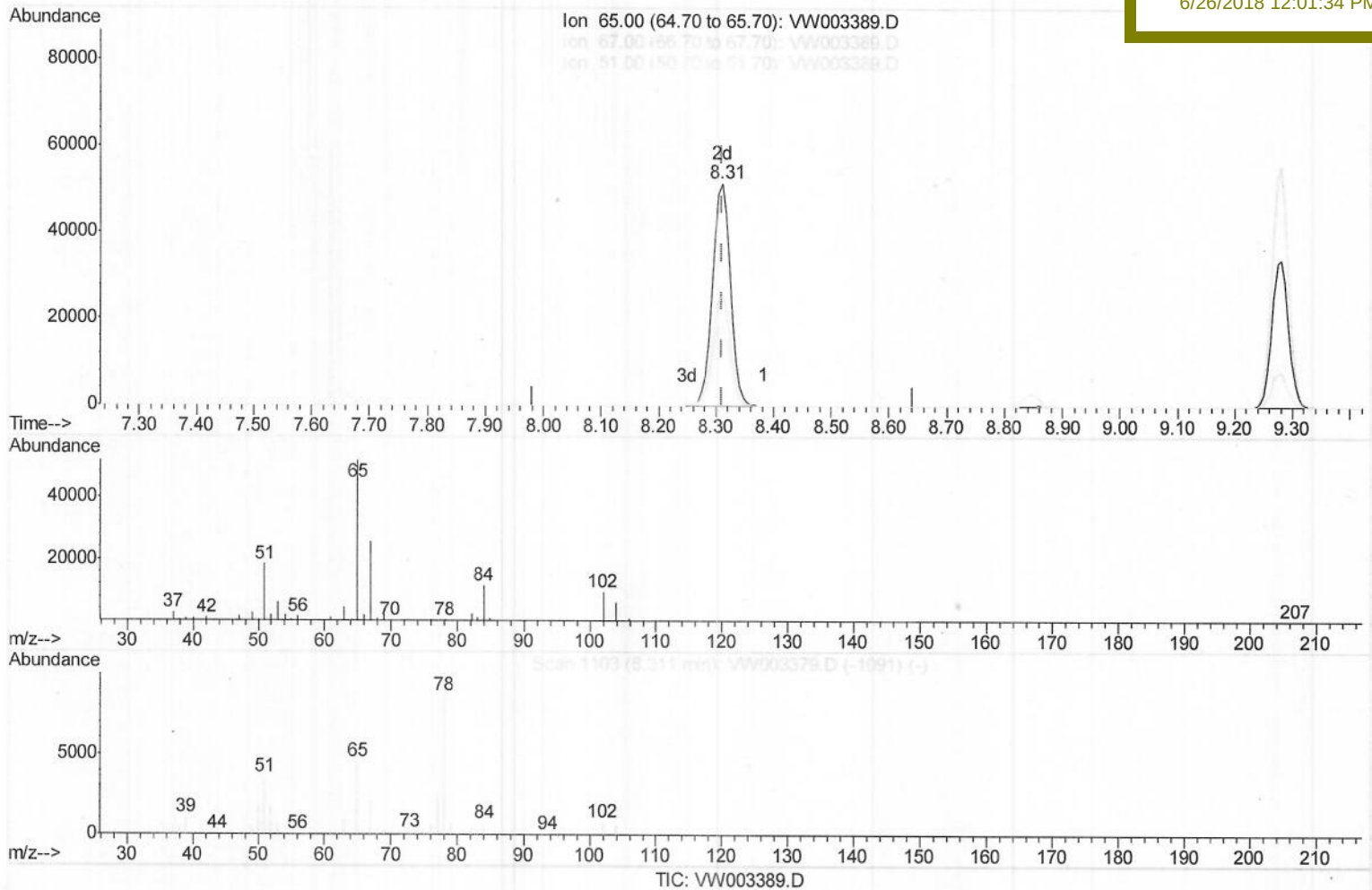
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003389.D
 Acq On : 21 Jun 2018 15:54
 Operator : SY/AP
 Sample : J3569-22
 Misc : 12.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 DAXT7

Quant Time: Jun 22 04:56:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 6/26/2018 12:01:34 PM



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

8.311min (-0.000) 26.40ug/L m

response 111803

Ion	Exp%	Act%
65.00	100	100
67.00	51.60	0.02#
51.00	97.60	0.04#
0.00	0.00	0.00

MP
 06/30/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003389.D
 Acq On : 21 Jun 2018 15:54
 Operator : SY/AP
 Sample : J3569-22
 Misc : 12.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 DAXT7

Quant Time: Jun 22 06:51:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 6/26/2018 12:01:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	270954	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180588	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	43030	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102278	27.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	111.32%		
7) Chloroethane-d5	2.89	69	87242	28.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.80%		
10) 1,1-Dichloroethene-d2	4.01	63	143507m	19.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.68%		
20) 2-Butanone-d5	7.09	46	43525	37.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.18%		
24) Chloroform-d	7.65	84	181587	25.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.92%		
26) 1,2-Dichloroethane-d4	8.31	65	111803m	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.60%		
29) Benzene-d6	8.28	84	345556	36.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	144.24%#		
33) 1,2-Dichloropropane-d6	9.28	67	108789	35.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	143.48%#		
37) Toluene-d8	10.33	98	262775	28.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	114.72%		
38) trans-1,3-Dichloropropene-	10.58	79	32680	22.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.80%		
39) 2-Hexanone-d5	10.93	63	31698	51.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.26%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	50424	17.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.48%		
61) 1,2-Dichlorobenzene-d4	13.87	152	38716	23.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.28%		

MD
 06/30/18

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.15	43	41100	33.299	ug/L	99
21) 2-Butanone	7.19	43	11517	7.941	ug/L	82
44) Toluene	10.39	91	904467	80.985	ug/L	99

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