Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 03:15:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

ap
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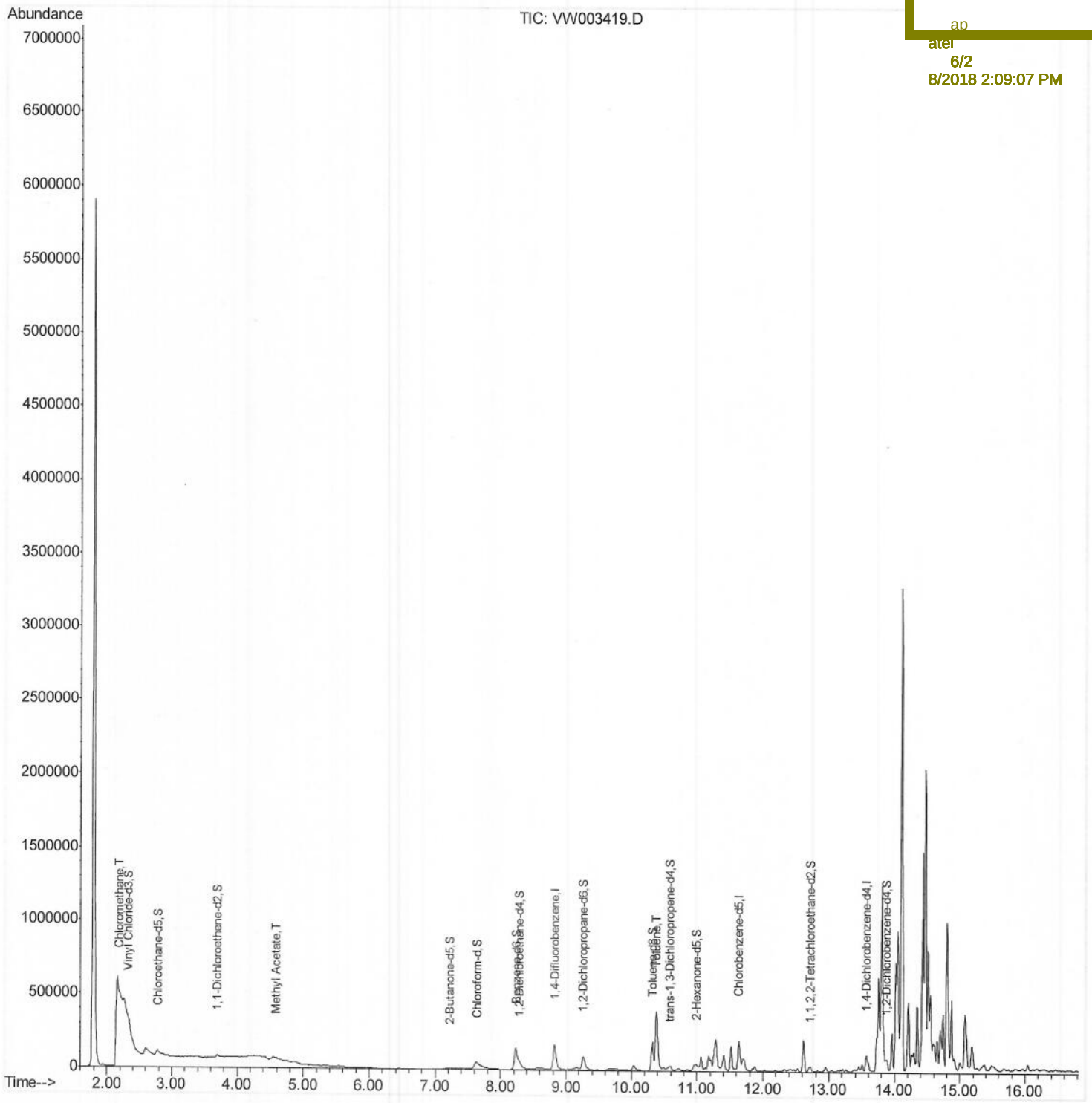

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED

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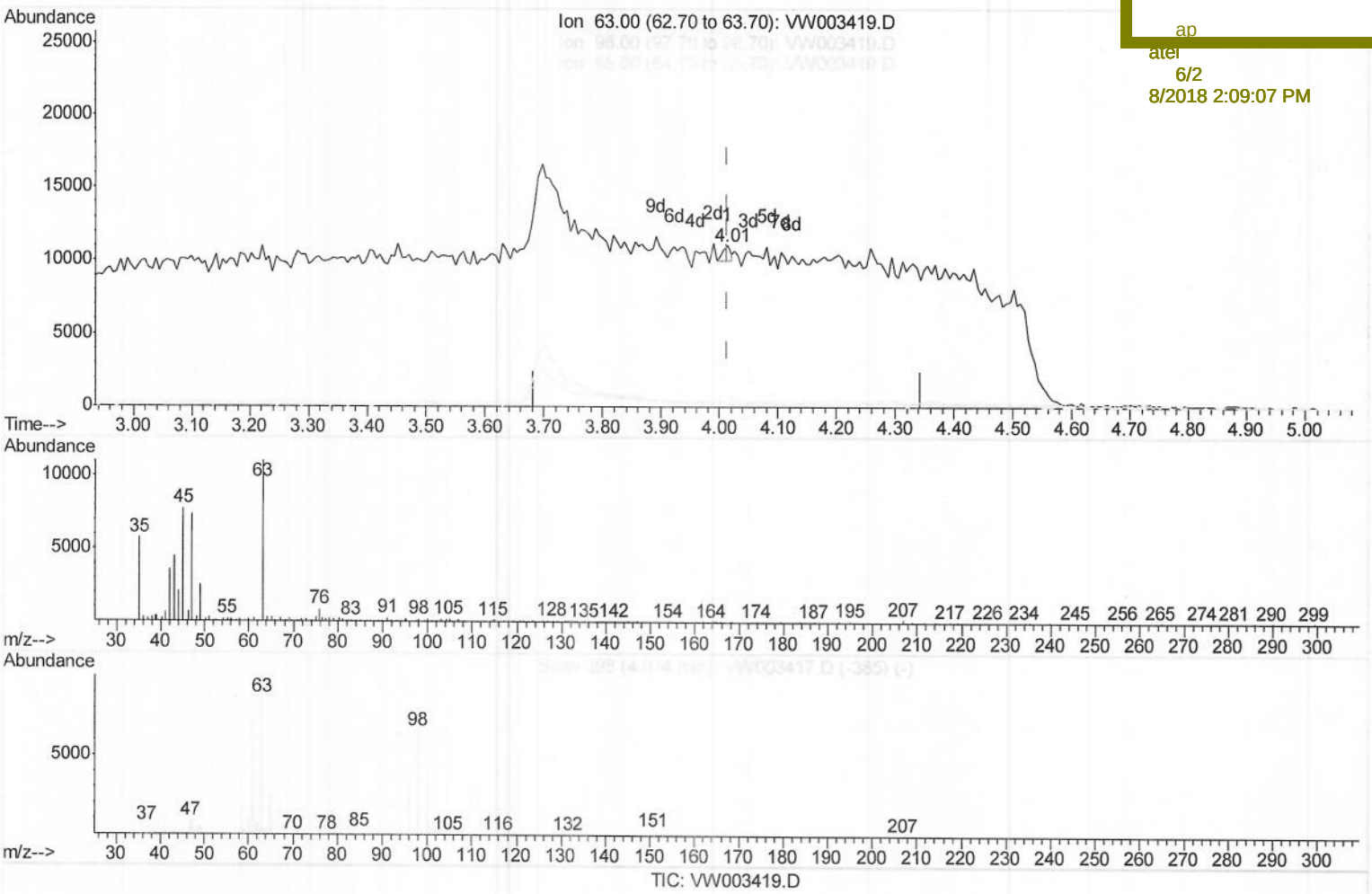

TIC: VW003419.D

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

4.014min (+0.000) 0.14ug/L

response 903

Ion	Exp%	Act%
63.00	100	100
98.00	69.30	3.65#
65.00	24.00	24.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED
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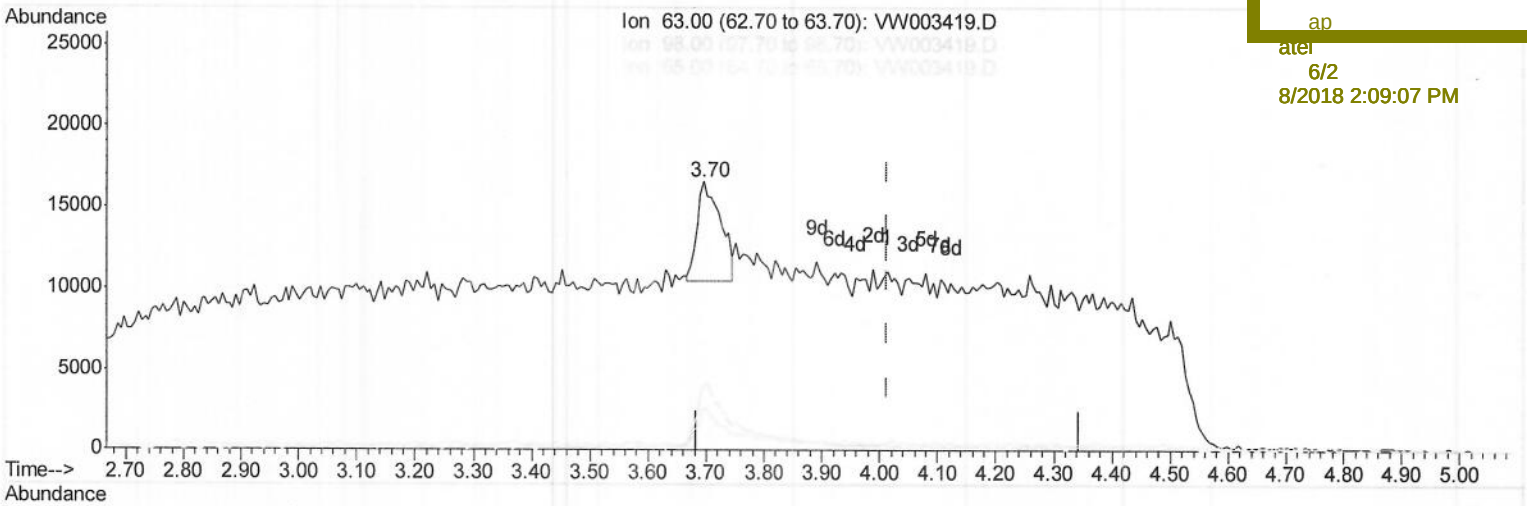

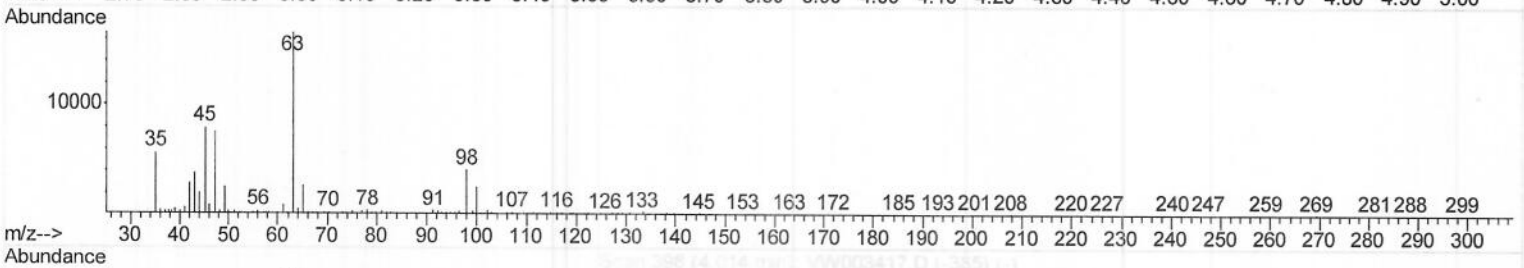

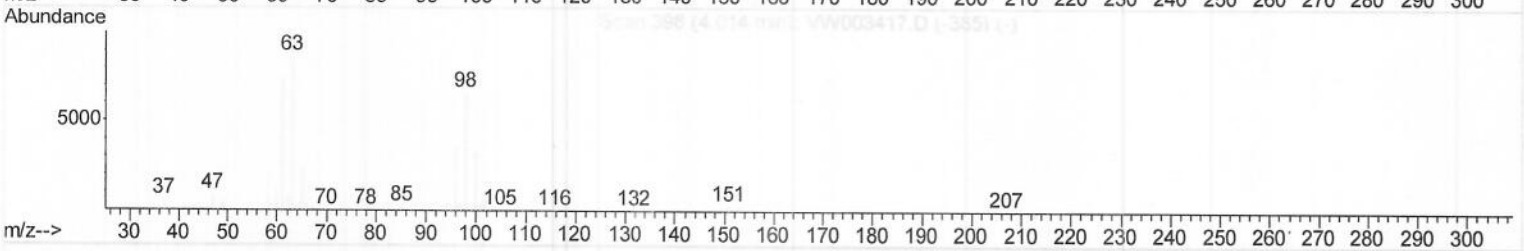

TIC: VW003419.D

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

3.697min (-0.317) 2.74ug/L m) MD 06/30/18

response 17107

Ion	Exp%	Act%
63.00	100	100
98.00	69.30	0.19#
65.00	24.00	1.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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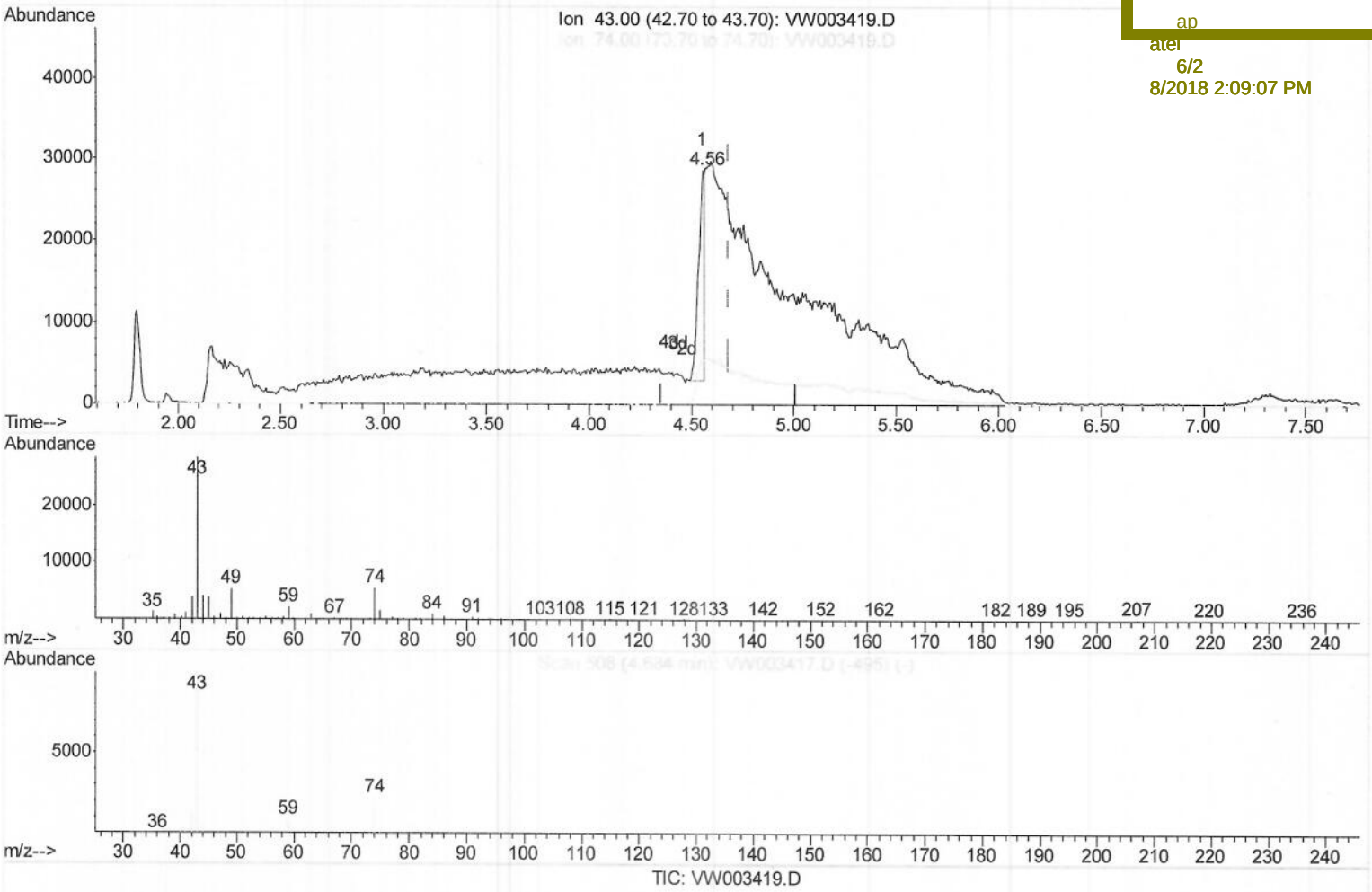

TIC: VW003419.D

(15) Methyl Acetate (T)

4.556min (-0.128) 30.47ug/L

response 52811

Ion	Exp%	Act%
43.00	100	100
74.00	21.90	25.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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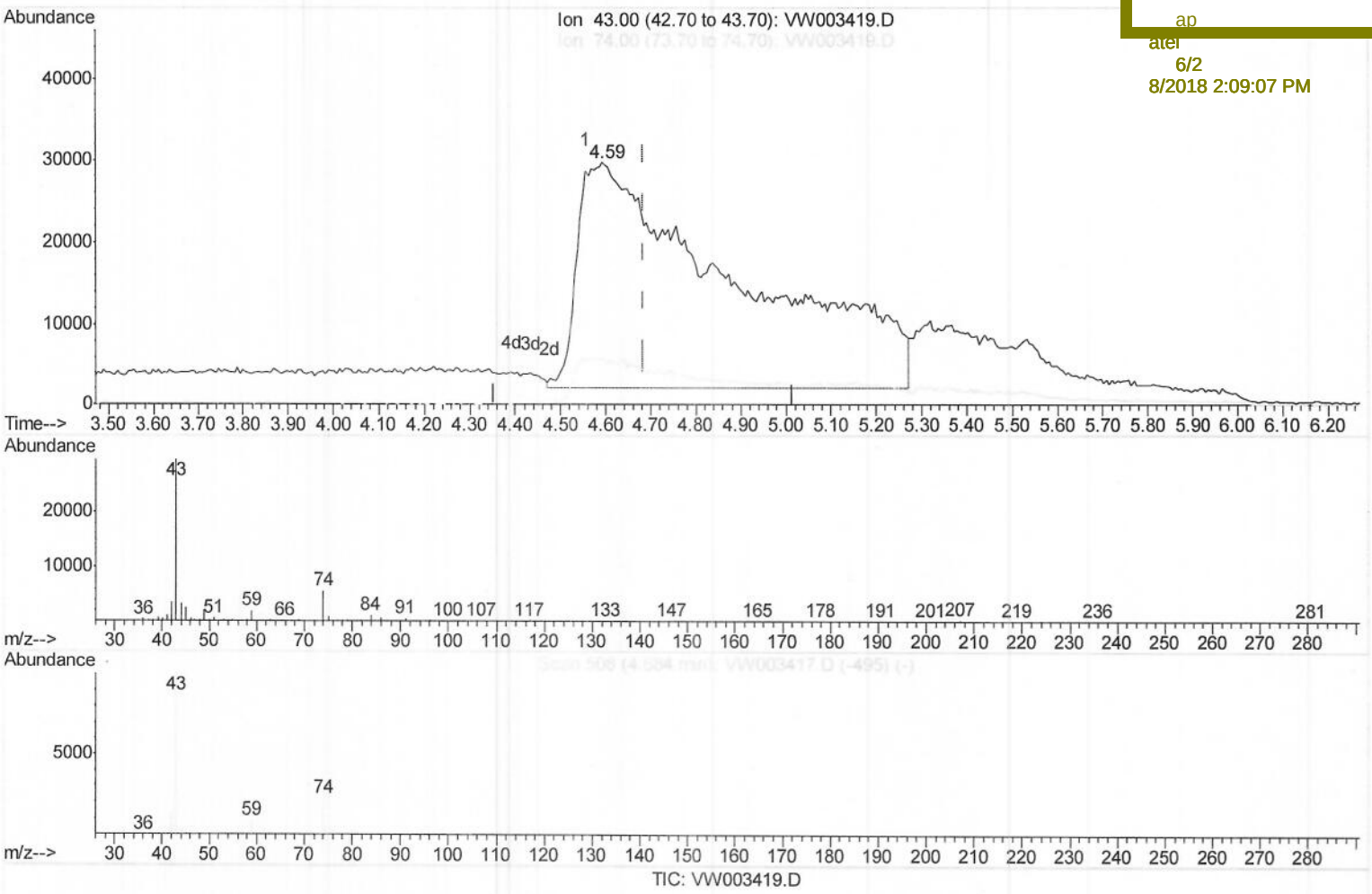

TIC: VW003419.D

(15) Methyl Acetate (T)

4.593min (-0.091) 392.22ug/L m) MD 06/30/18

response 679780

Ion	Exp%	Act%
43.00	100	100
74.00	21.90	1.94#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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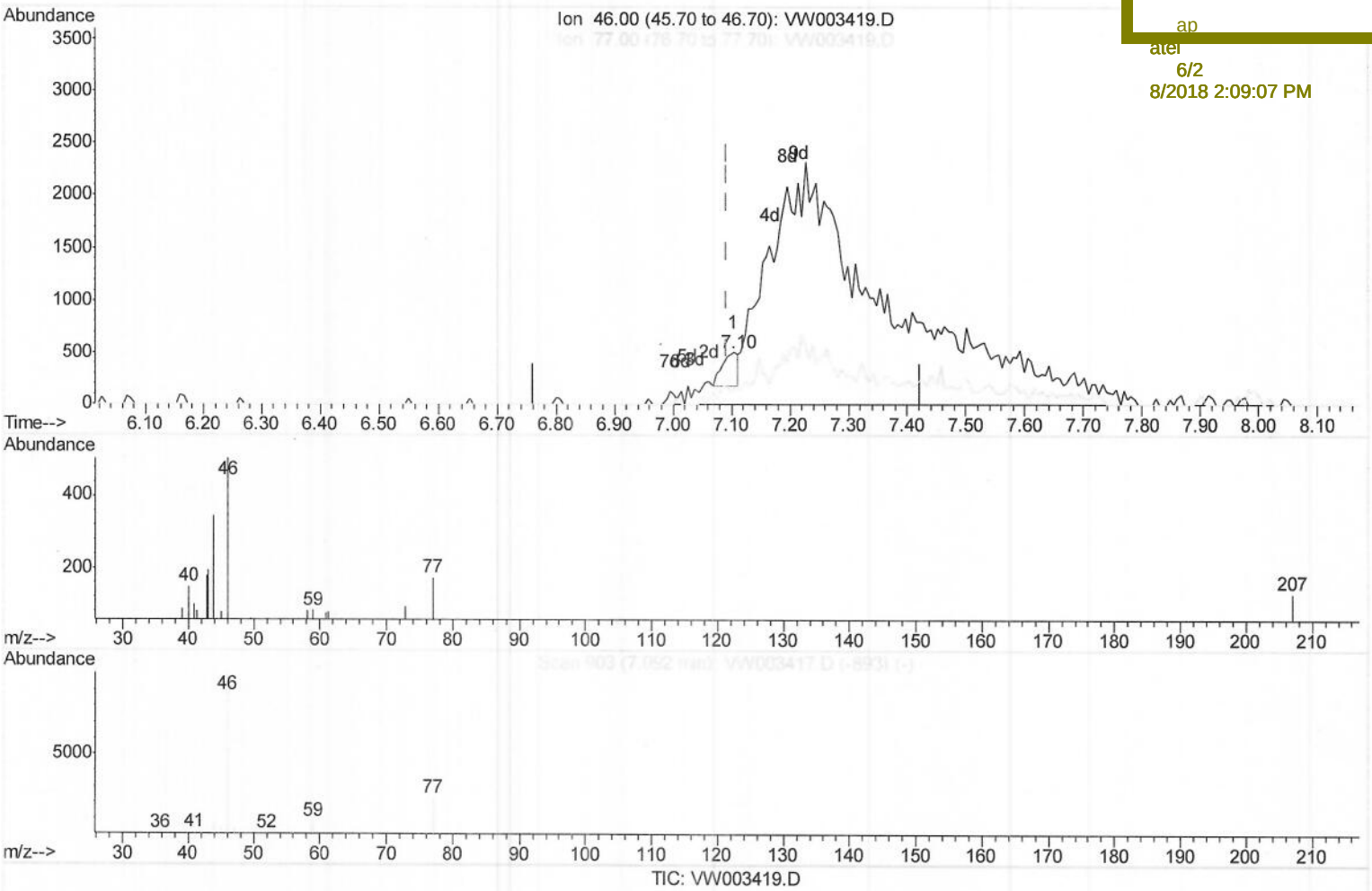

(20) 2-Butanone-d5 (S)

7.105min (+0.012) 0.62ug/L

response 616

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	14.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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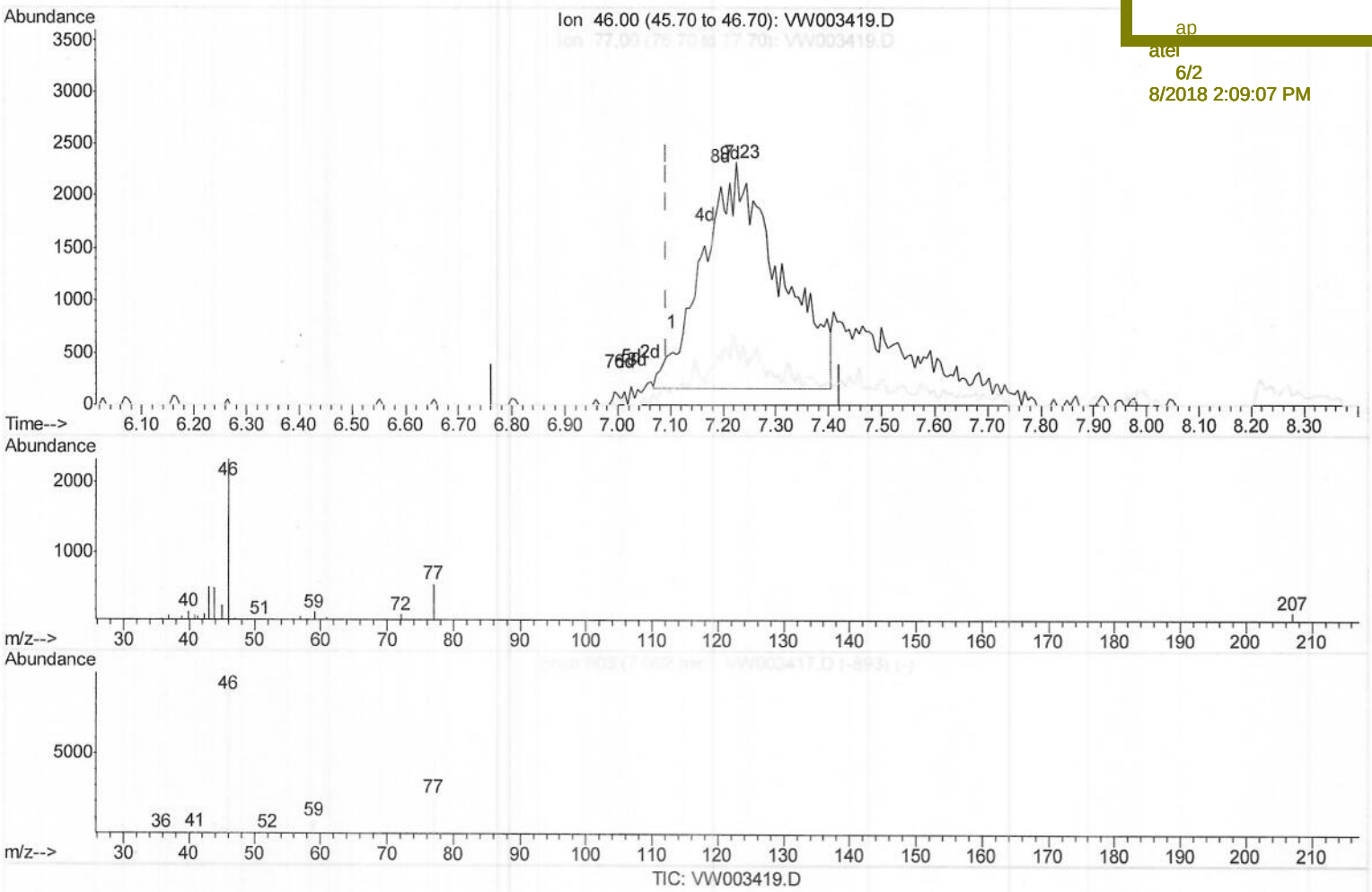

(20) 2-Butanone-d5 (S)

7.226min (+0.134) 21.85ug/L m) MD 06/30/18

response 21674

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	0.42#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:30:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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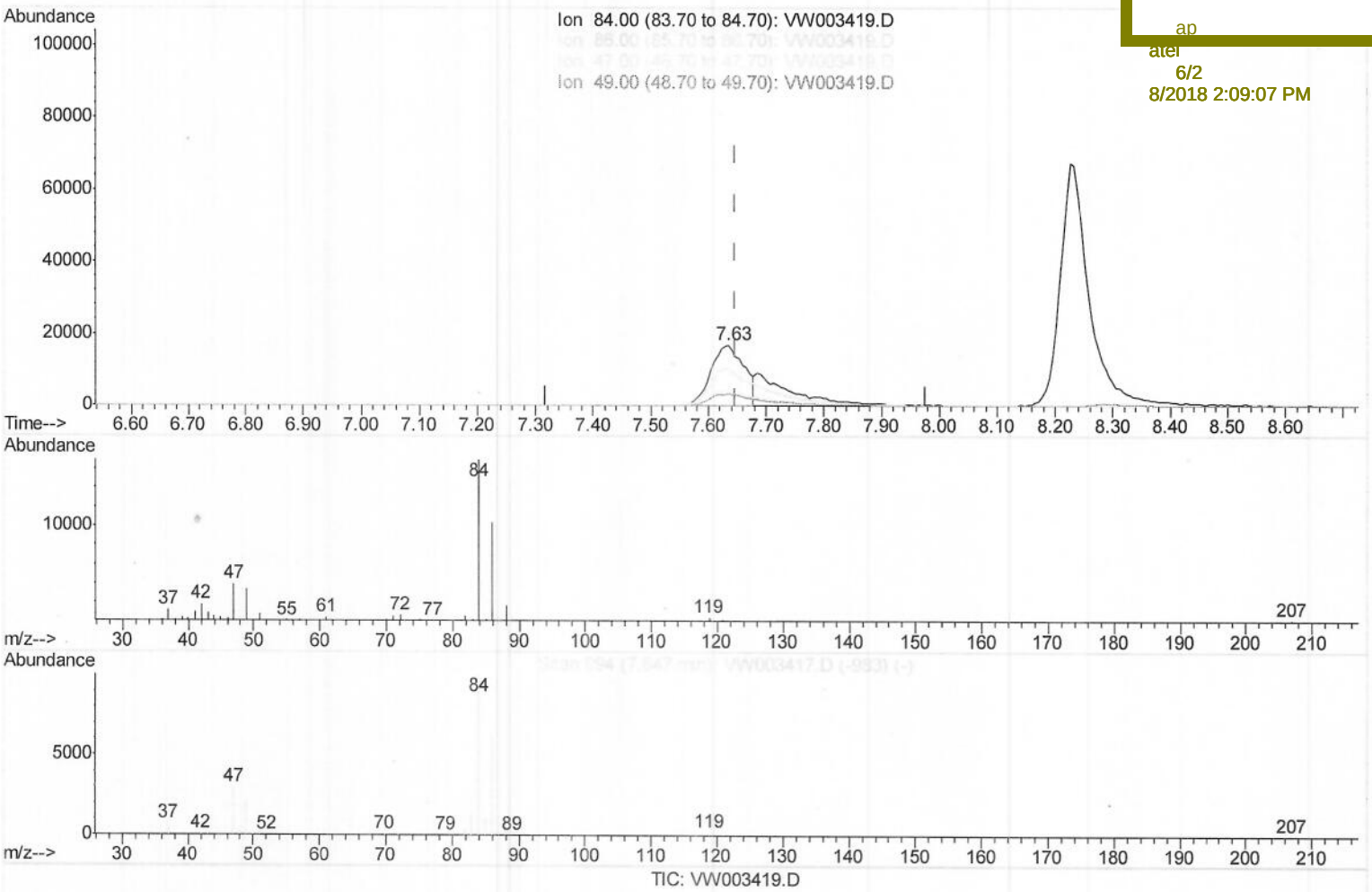

TIC: VW003419.D

(24) Chloroform-d (S)

7.635min (-0.012) 11.24ug/L

response 68612

Ion	Exp%	Act%
84.00	100	100
86.00	62.30	86.21#
47.00	47.70	17.73#
49.00	28.40	13.40#

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:30:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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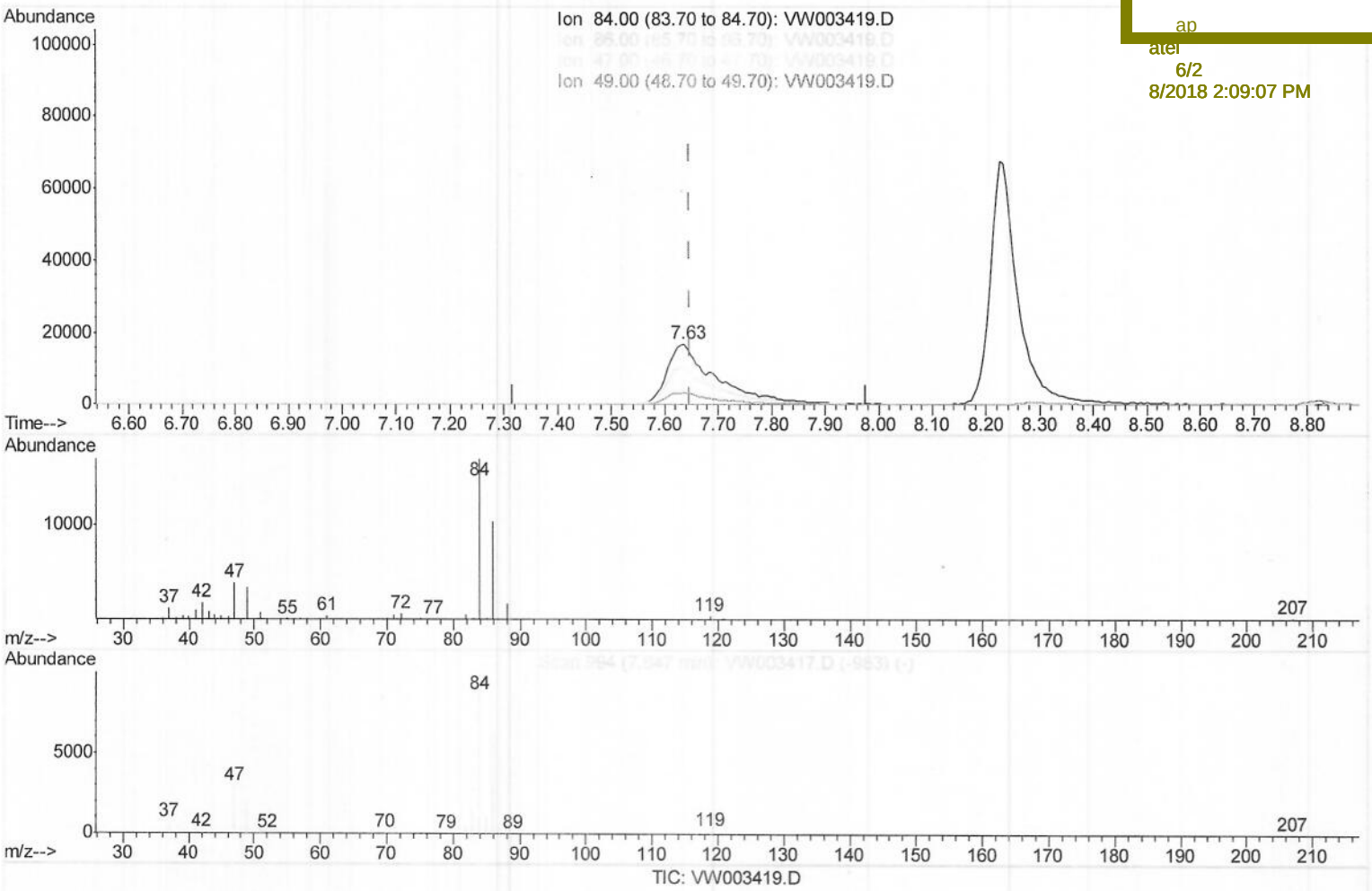

TIC: VW003419.D

(24) Chloroform-d (S)

7.635min (-0.012) 17.83ug/L m) MD 06/30/18

response 108900

Ion	Exp%	Act%
84.00	100	100
86.00	62.30	54.32
47.00	47.70	11.17#
49.00	28.40	8.44#

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:30:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

ap
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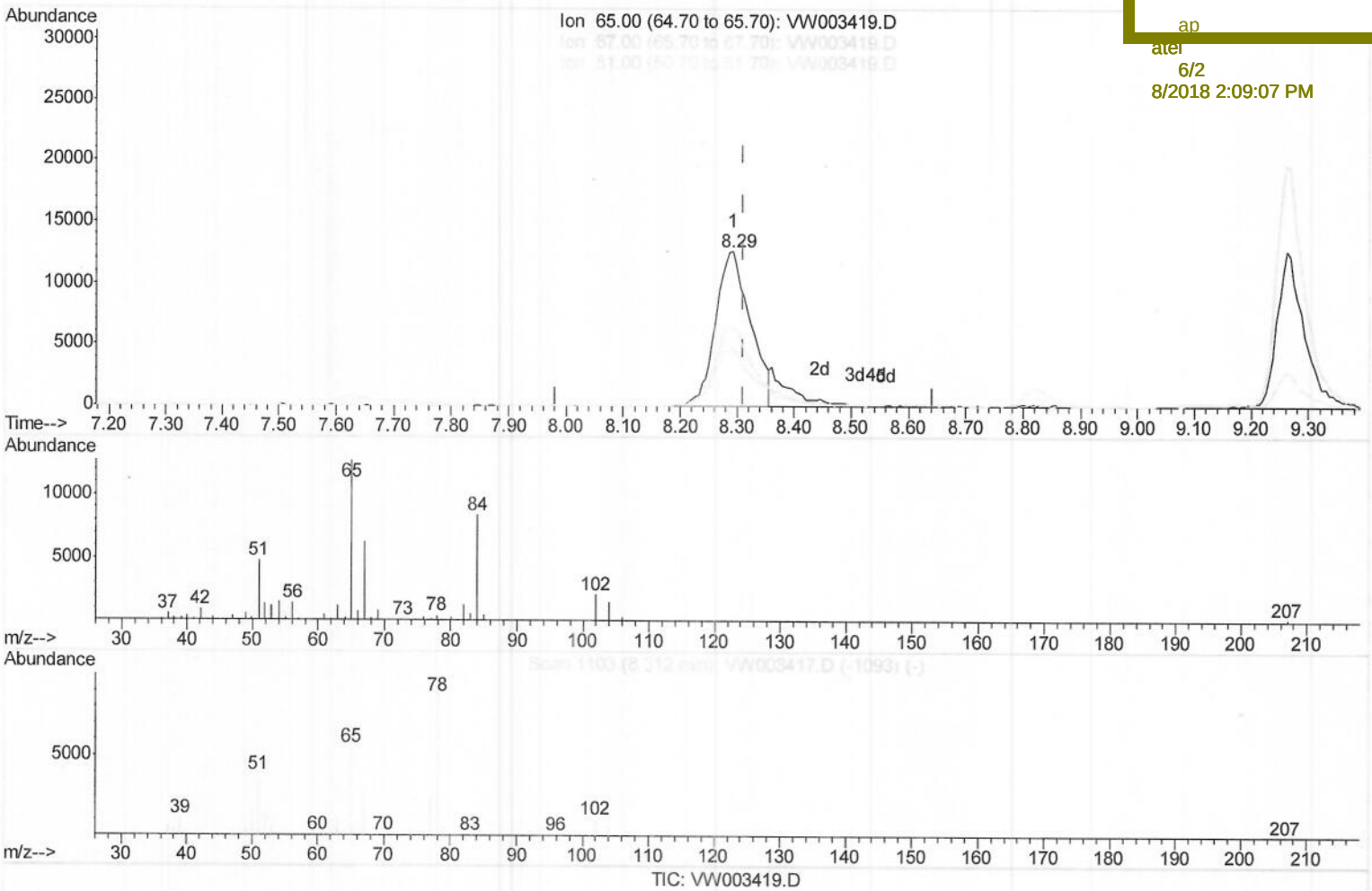

TIC: VW003419.D

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

8.293min (-0.018) 14.77ug/L

response 53580

Ion	Exp%	Act%
65.00	100	100
67.00	51.60	55.38
51.00	97.60	15.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 02:30:49 2018
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Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

ap
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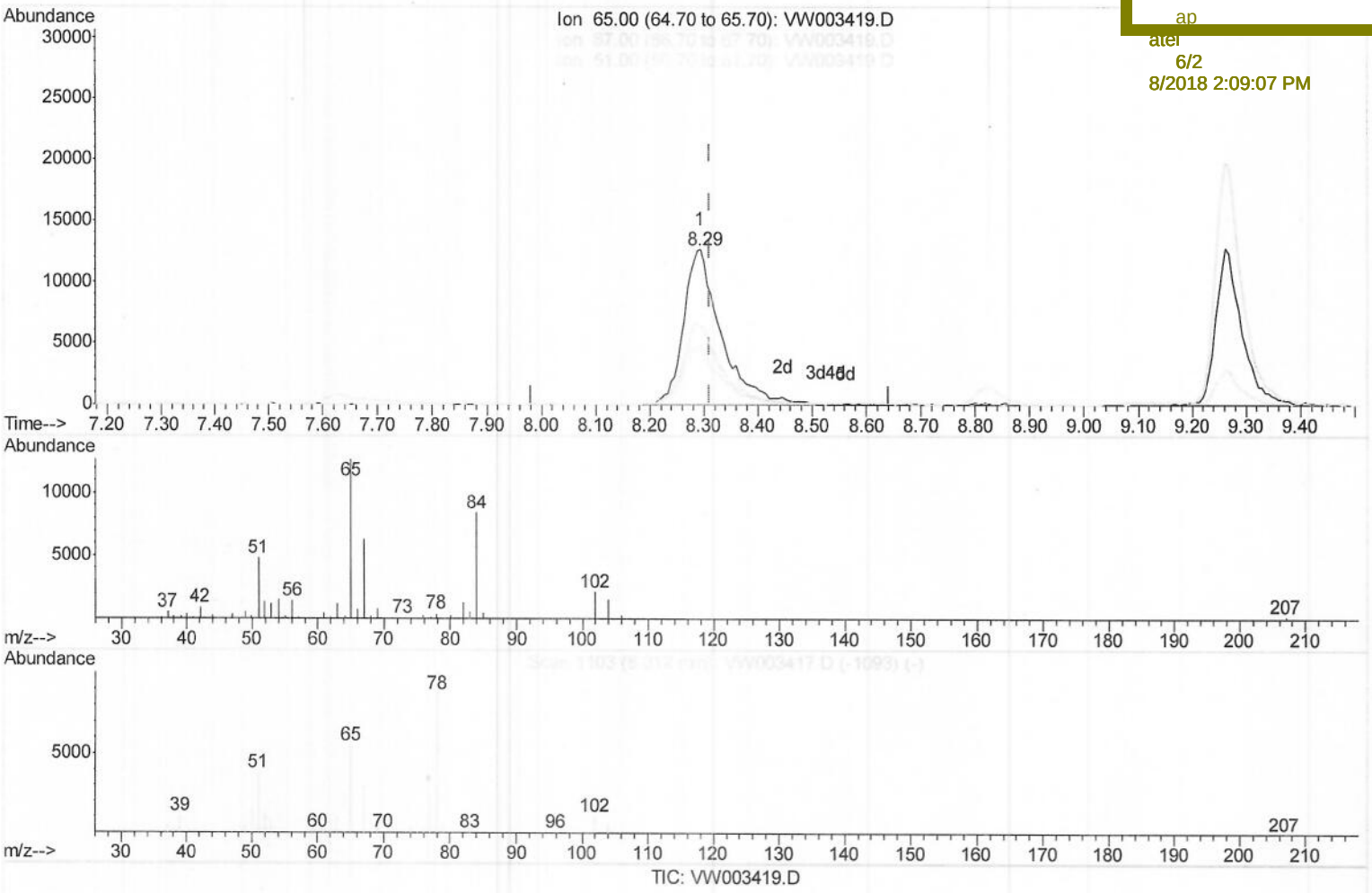

TIC: VW003419.D

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

8.293min (-0.018) 17.01ug/L m) MD 06|30|18

response 61733

Ion	Exp%	Act%
65.00	100	100
67.00	51.60	48.06
51.00	97.60	13.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
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Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DAXT7RE

Manual Integrations APPROVED

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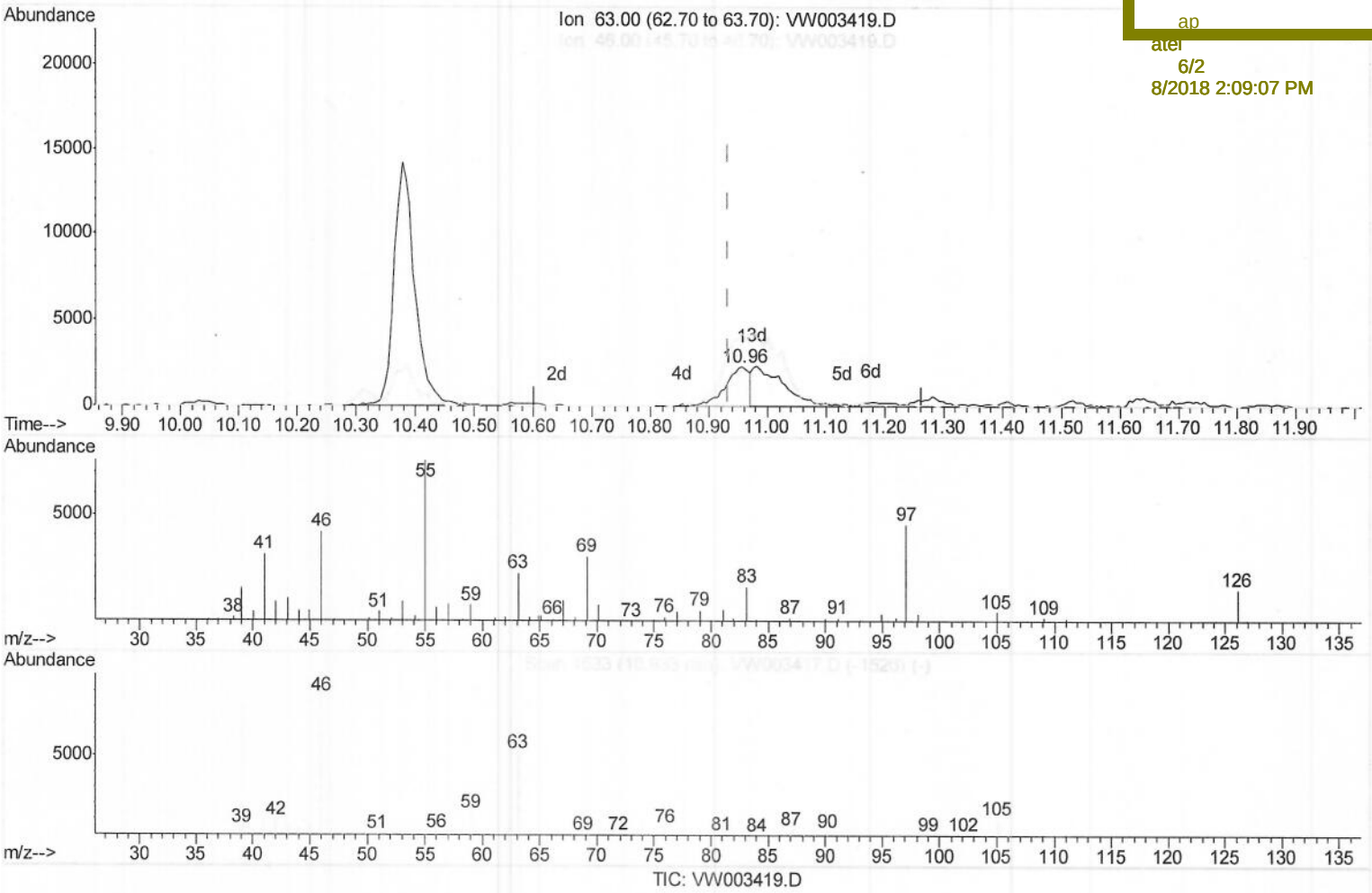

TIC: VW003419.D

(39) 2-Hexanone-d5 (S)

10.958min (+0.024) 14.15ug/L

response 6455

Ion	Exp%	Act%
63.00	100	100
46.00	191.90	161.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003419.D
Acq On : 22 Jun 2018 11:46
Operator : SY/AP
Sample : J3569-22RE
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 03:15:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : DAXT7RE

Manual Integrations APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.82	114	232132	25.00	ug/L	-0.02
28) Chlorobenzene-d5	11.63	117	132859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	30096	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	59476	18.89	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.56%			
7) Chloroethane-d5	2.78	69	30616	11.66	ug/L	-0.11
Spiked Amount 25.000	Range 30 - 150		Recovery = 46.64%			
10) 1,1-Dichloroethene-d2	3.70	63	17107m	2.74	ug/L	-0.32
Spiked Amount 25.000	Range 45 - 110		Recovery = 10.96%#			
20) 2-Butanone-d5	7.23	46	21674m	21.85	ug/L	0.13
Spiked Amount 50.000	Range 20 - 135		Recovery = 43.70%			
24) Chloroform-d	7.63	84	108900m	17.83	ug/L	-0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 71.32%			
26) 1,2-Dichloroethane-d4	8.29	65	61733m	17.01	ug/L	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.04%#			
29) Benzene-d6	8.23	84	234845	33.31	ug/L	-0.05
Spiked Amount 25.000	Range 20 - 135		Recovery = 133.24%			
33) 1,2-Dichloropropane-d6	9.26	67	65674	29.43	ug/L	-0.02
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.72%			
37) Toluene-d8	10.32	98	176101	26.13	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.52%			
38) trans-1,3-Dichloropropene-	10.58	79	17328	16.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.16%			
39) 2-Hexanone-d5	10.98	63	14863m	32.59	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.18%			
48) 1,1,2,2-Tetrachloroethane-	12.71	84	18941	9.12	ug/L	0.01
Spiked Amount 25.000	Range 45 - 120		Recovery = 36.48%#			
61) 1,2-Dichlorobenzene-d4	13.87	152	19926	17.53	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.12%#			

MD 06/30/18

Target Compounds						Qvalue
3) Chloromethane	2.20	50	19206	7.012	ug/L	100
15) Methyl Acetate	4.59	43	679780m	392.215	ug/L	
44) Toluene	10.38	91	382061	46.499	ug/L	99

MD 06/30/18

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