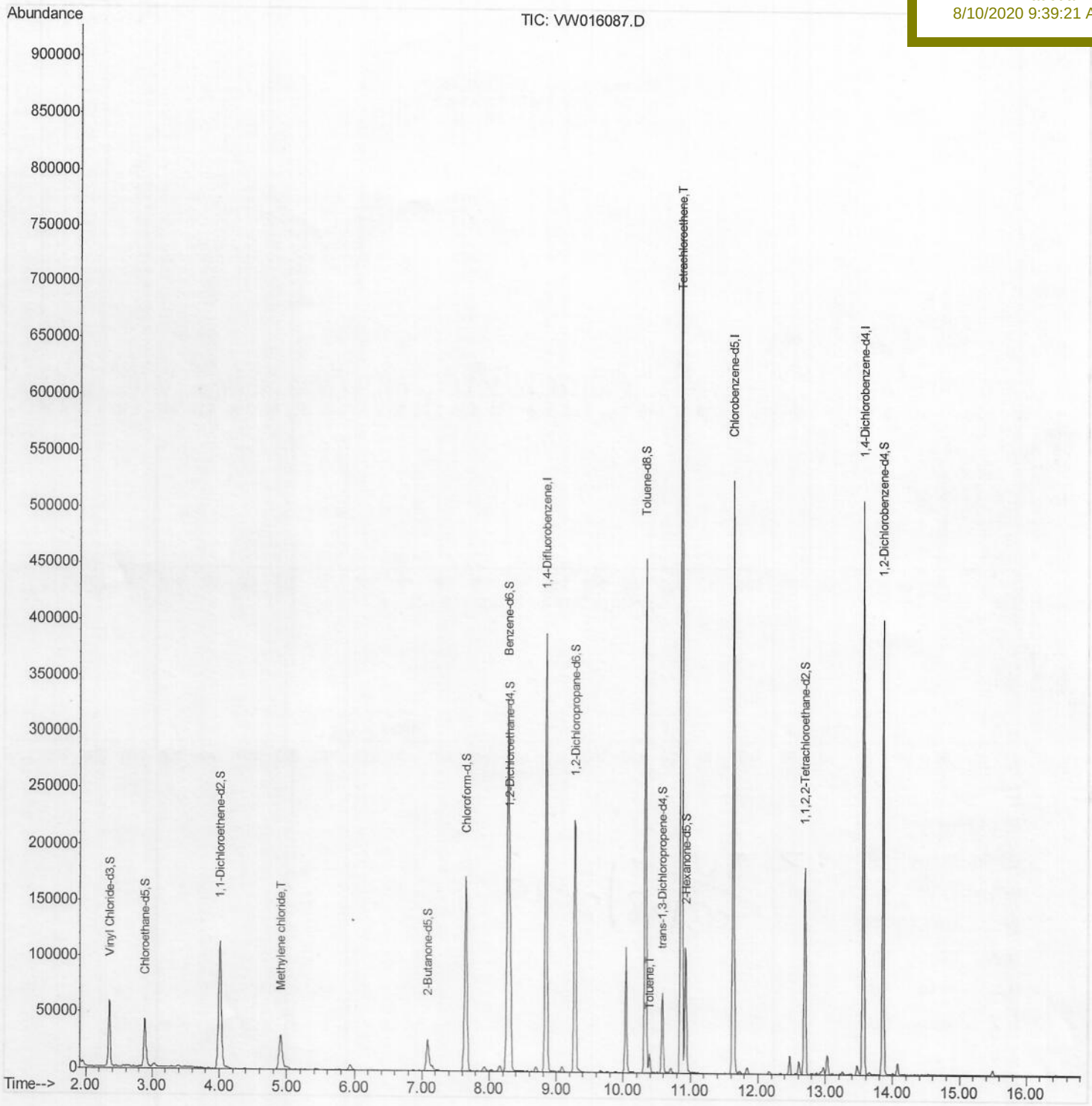
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080720\
Data File : VW016087.D
Acq On : 07 Aug 2020 22:08
Operator : SY/VA
Sample : L3564-19
Misc : 7.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 08 05:50:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFSM1

Manual Integrations APPROVED
MMDadoda
8/10/2020 9:39:21 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080720\
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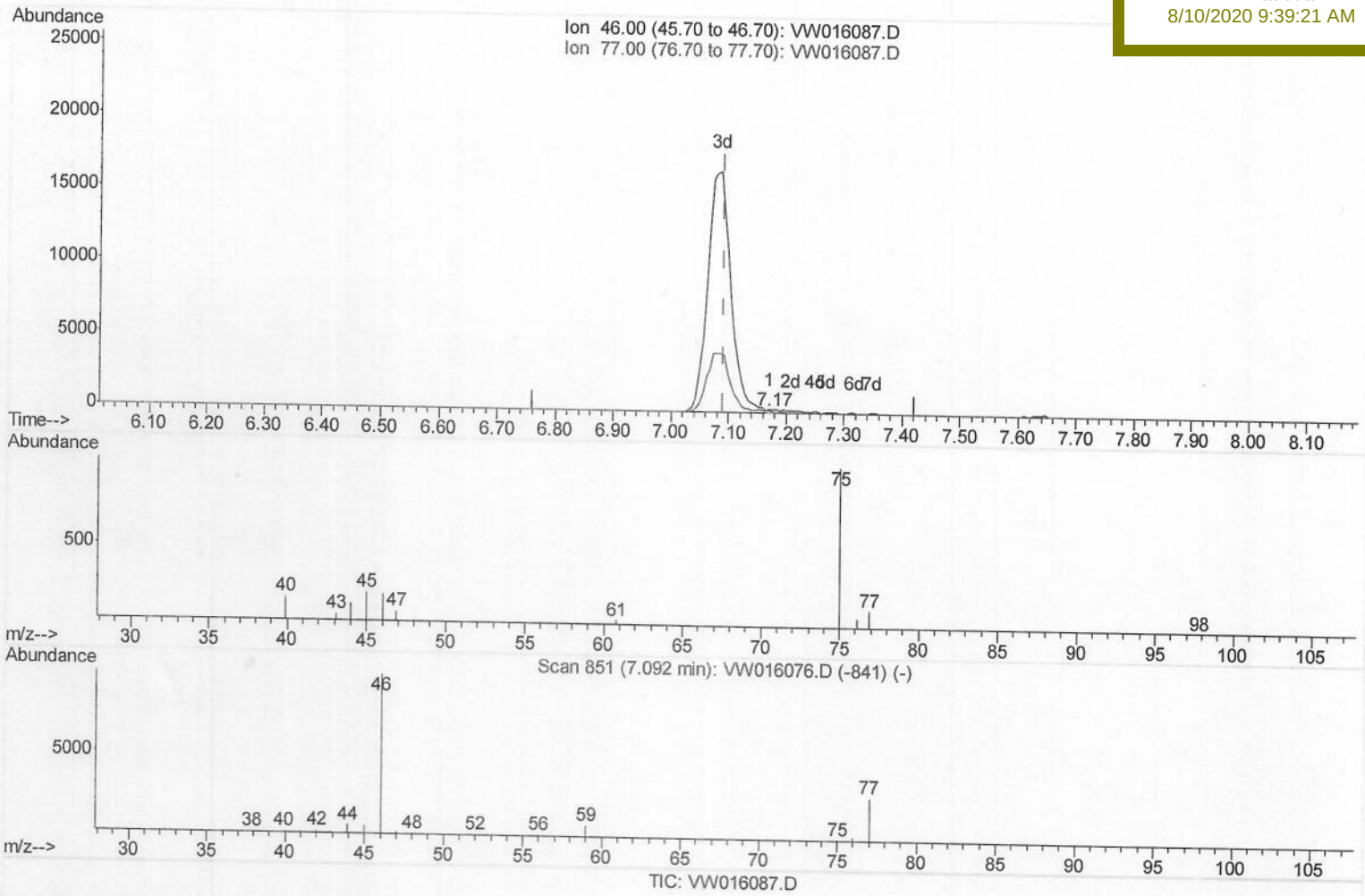
8/10/2020 9:39:21 AM



(20) 2-Butanone-d5 (S)

7.171min (+0.079) 0.22ug/L

response 284

Ion	Exp%	Act%
46.00	100	100
77.00	23.30	26.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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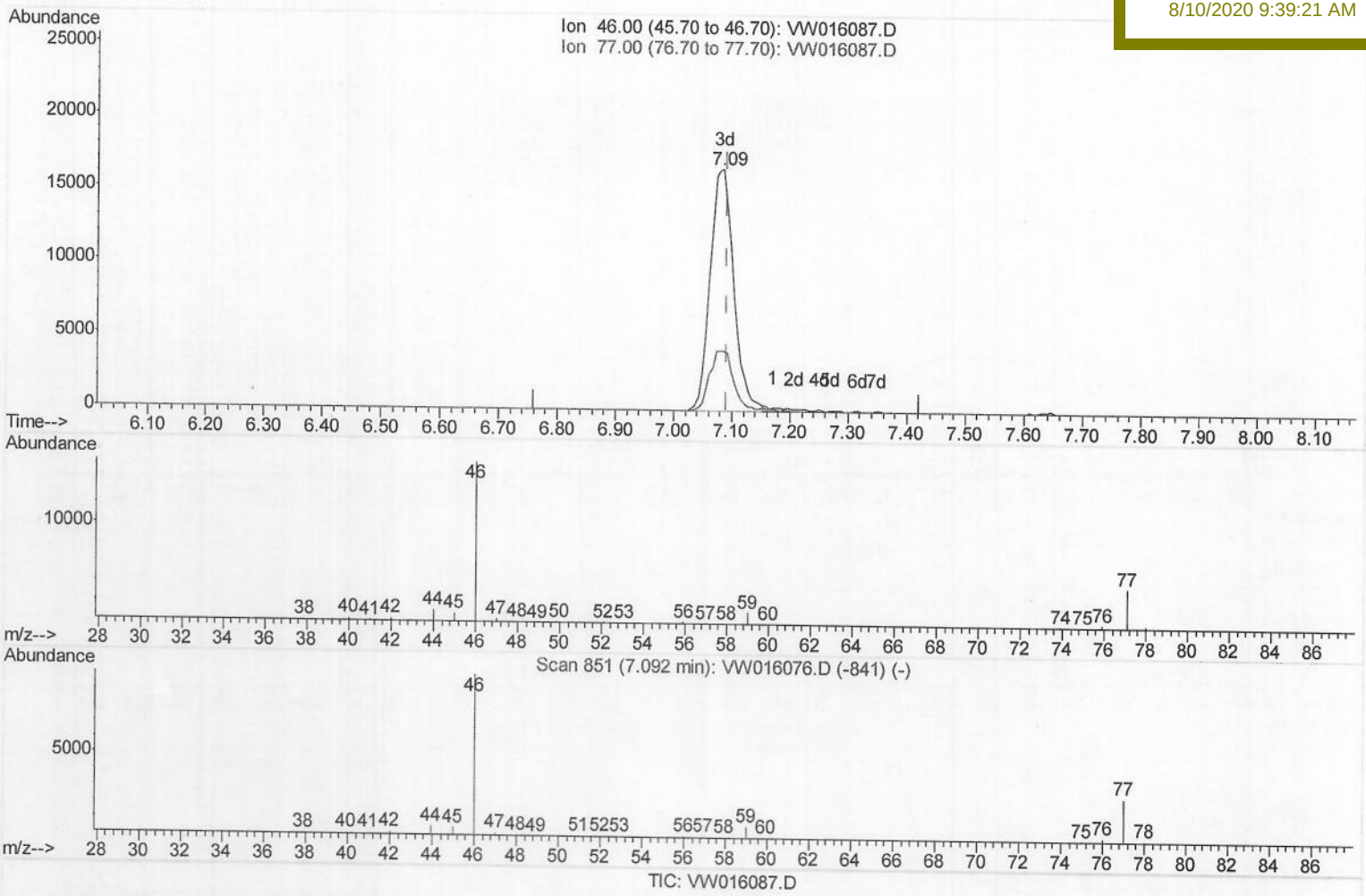
Instrument :
MSVOA_W
ClientSampleId :
BFSM1

Manual Integrations APPROVED
MMDadoda
8/10/2020 9:39:21 AM



TIC: VW016087.D

(20) 2-Butanone-d5 (S)

7.086min (-0.006) 36.52ug/L m -> MD 08/10/20

response 46177

Ion	Exp%	Act%
46.00	100	100
77.00	23.30	0.16#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080720\
Data File : VW016087.D
Acq On : 07 Aug 2020 22:08
Operator : SY/VA
Sample : L3564-19
Misc : 7.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 08 05:50:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BFSM1

Manual Integrations APPROVED
MMDadoda
8/10/2020 9:39:21 AM

MD 08/10/20

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305079	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135564	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	64827	13.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.88%			
7) Chloroethane-d5	2.89	69	57374	14.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.68%			
10) 1,1-Dichloroethene-d2	4.01	63	115467	11.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.44%			
20) 2-Butanone-d5	7.09	46	46177m ->	36.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.04%			
24) Chloroform-d	7.65	84	183835	19.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.76%			
26) 1,2-Dichloroethane-d4	8.30	65	94905	18.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.16%			
29) Benzene-d6	8.27	84	358125	19.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 77.16%			
33) 1,2-Dichloropropane-d6	9.27	67	110849	19.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.64%			
37) Toluene-d8	10.33	98	316123	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.16%			
38) trans-1,3-Dichloropropene-	10.58	79	41042	17.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.20%			
39) 2-Hexanone-d5	10.93	63	38000	40.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.98%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91648	21.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.68%			
61) 1,2-Dichlorobenzene-d4	13.85	152	114271	21.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.48%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	25779	4.611	ug/L	90
44) Toluene	10.39	91	11983	0.617	ug/L	93
47) Tetrachloroethene	10.87	164	185934	48.870	ug/L	94

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