

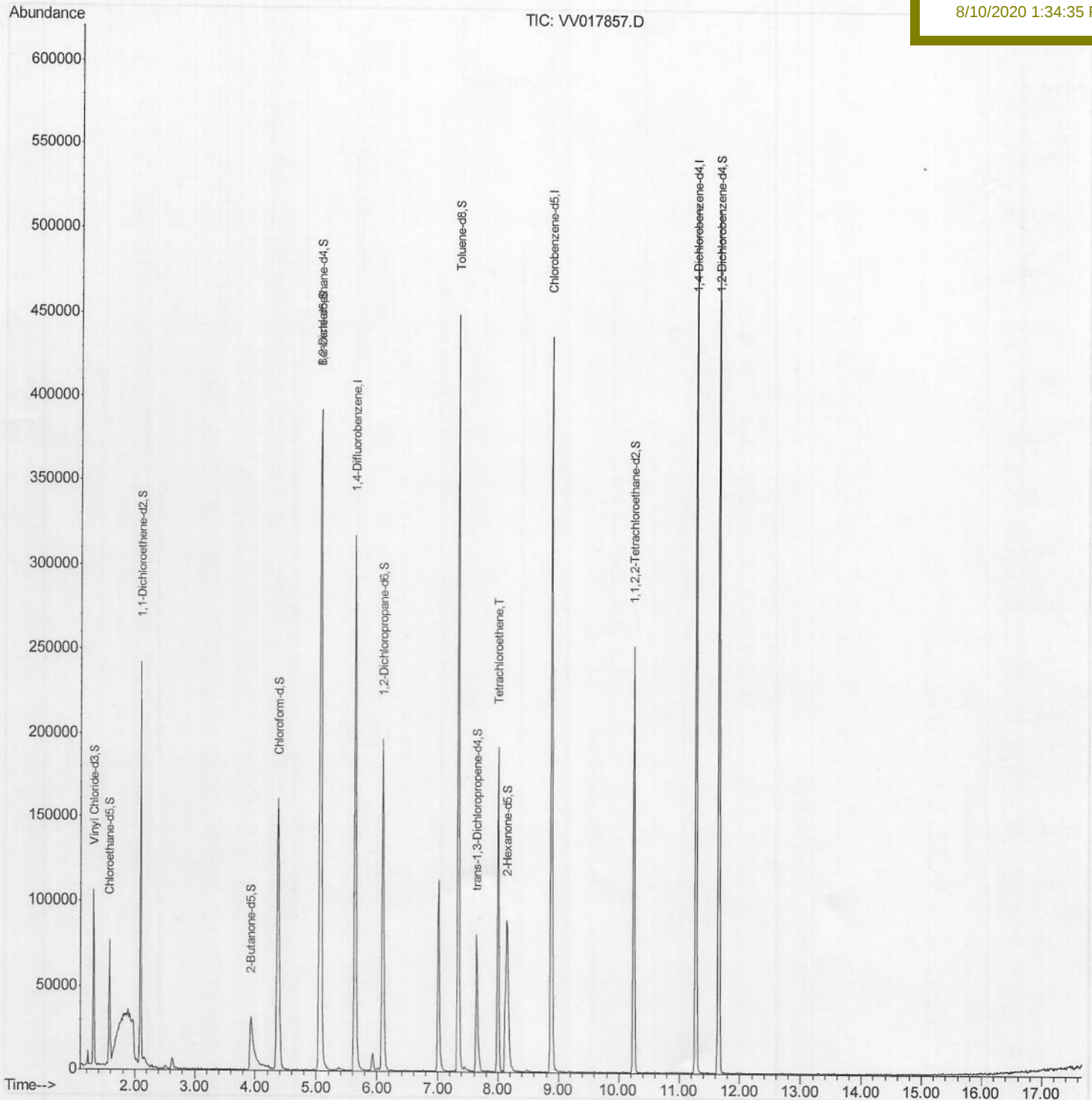
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
Data File : VV017857.D
Acq On : 08 Aug 2020 16:09
Operator : SY/MD
Sample : L3579-14ME
Misc : 6.70µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 10 04:49:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 02:55:43 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFSL8ME

Manual Integrations
APPROVED

MMDadoda
8/10/2020 1:34:35 PM



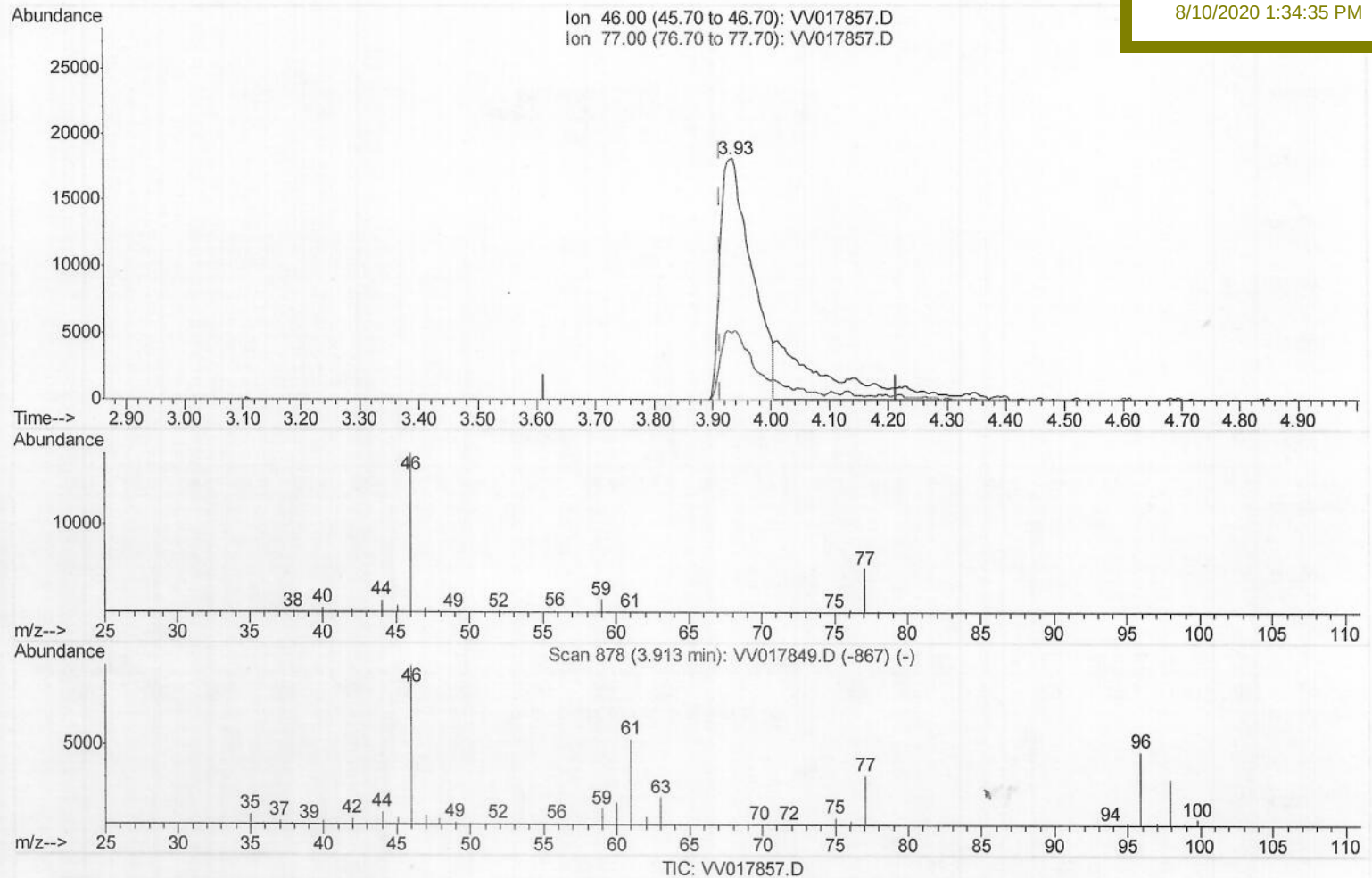
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
Data File : VV017857.D
Acq On : 08 Aug 2020 16:09
Operator : SY/MD
Sample : L3579-14ME
Misc : 6.70µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 10 04:09:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 02:55:43 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
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(21) 2-Butanone-d5 (S)

3.933min (+0.019) 74.11ug/L

response 67529

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	10.52#
0.00	0.00	0.00
0.00	0.00	0.00

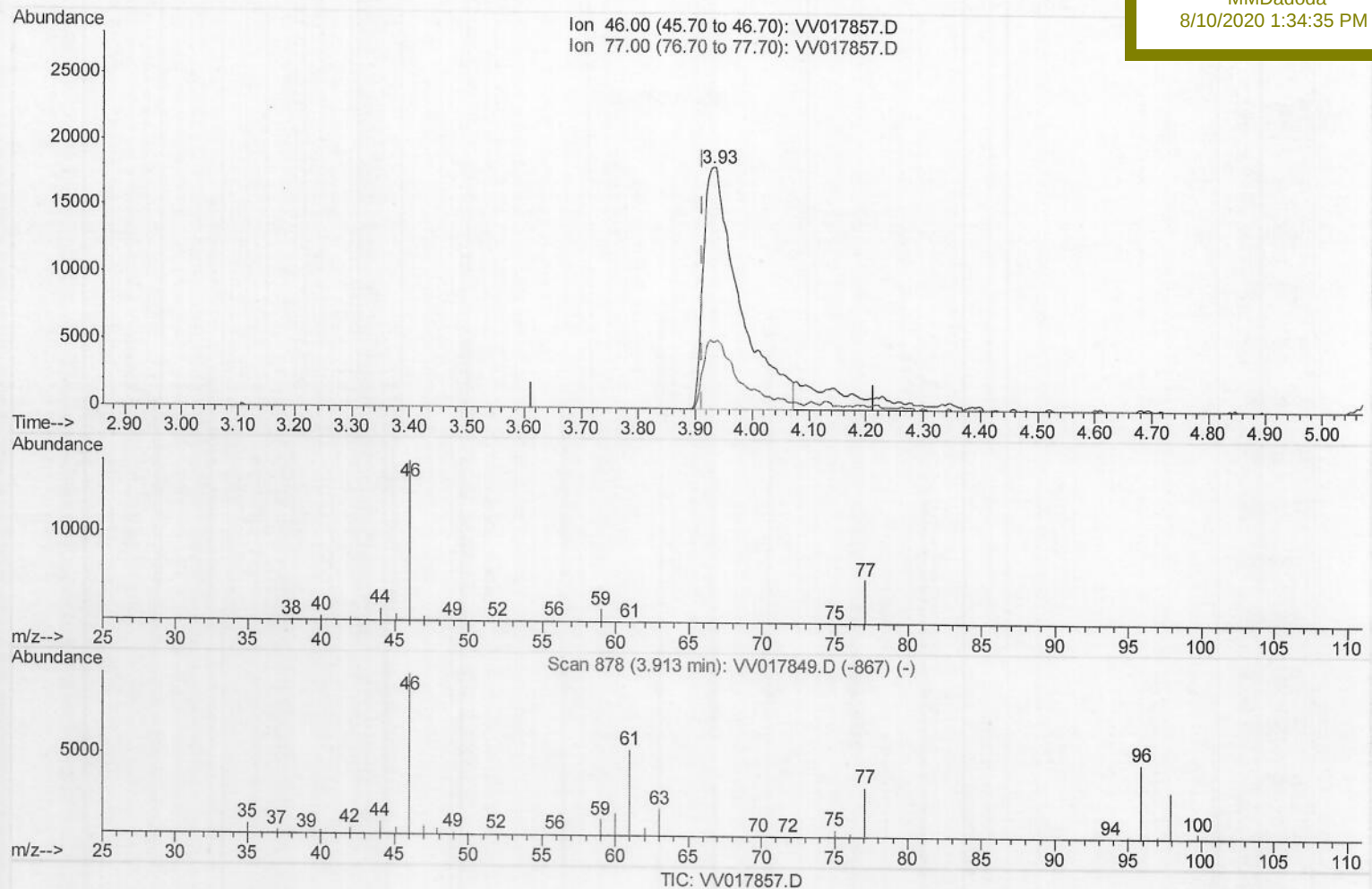
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
Data File : VV017857.D
Acq On : 08 Aug 2020 16:09
Operator : SY/MD
Sample : L3579-14ME
Misc : 6.70α/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 10 04:09:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 02:55:43 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
BFSL8ME

Manual Integrations
APPROVED

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8/10/2020 1:34:35 PM



(21) 2-Butanone-d5 (S)

3.933min (+0.019) 88.29ug/L m

response 80445

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	8.83#
0.00	0.00	0.00
0.00	0.00	0.00

→ MD
08/10/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017857.D
 Acq On : 08 Aug 2020 16:09
 Operator : SY/MD
 Sample : L3579-14ME
 Misc : 6.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS18ME

Quant Time: Aug 10 04:49:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 02:55:43 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 8/10/2020 1:34:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	281768	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	137493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	66314	45.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.14%		
7) Chloroethane-d5	1.58	69	49398	39.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.92%		
11) 1,1-Dichloroethene-d2	2.10	63	124560	35.63	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.26%		
21) 2-Butanone-d5	3.93	46	80445m	88.29	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.29%		
24) Chloroform-d	4.37	84	174277	45.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.36%		
26) 1,2-Dichloroethane-d4	5.05	65	135730	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.92%		
32) Benzene-d6	5.07	84	305827	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.88%		
36) 1,2-Dichloropropane-d6	6.09	67	80039	50.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.04%		
41) Toluene-d8	7.34	98	298885	47.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.18%		
43) trans-1,3-Dichloropropene-	7.64	79	52846	51.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.60%		
47) 2-Hexanone-d5	8.14	63	53845	93.84	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.84%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	107939	43.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.42%		
64) 1,2-Dichlorobenzene-d4	11.65	152	134465	47.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.94%		

Target Compounds					Ovalue
46) Tetrachloroethene	8.00	164	43726	23.997 ug/L	97

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

MD
 08/10/20