

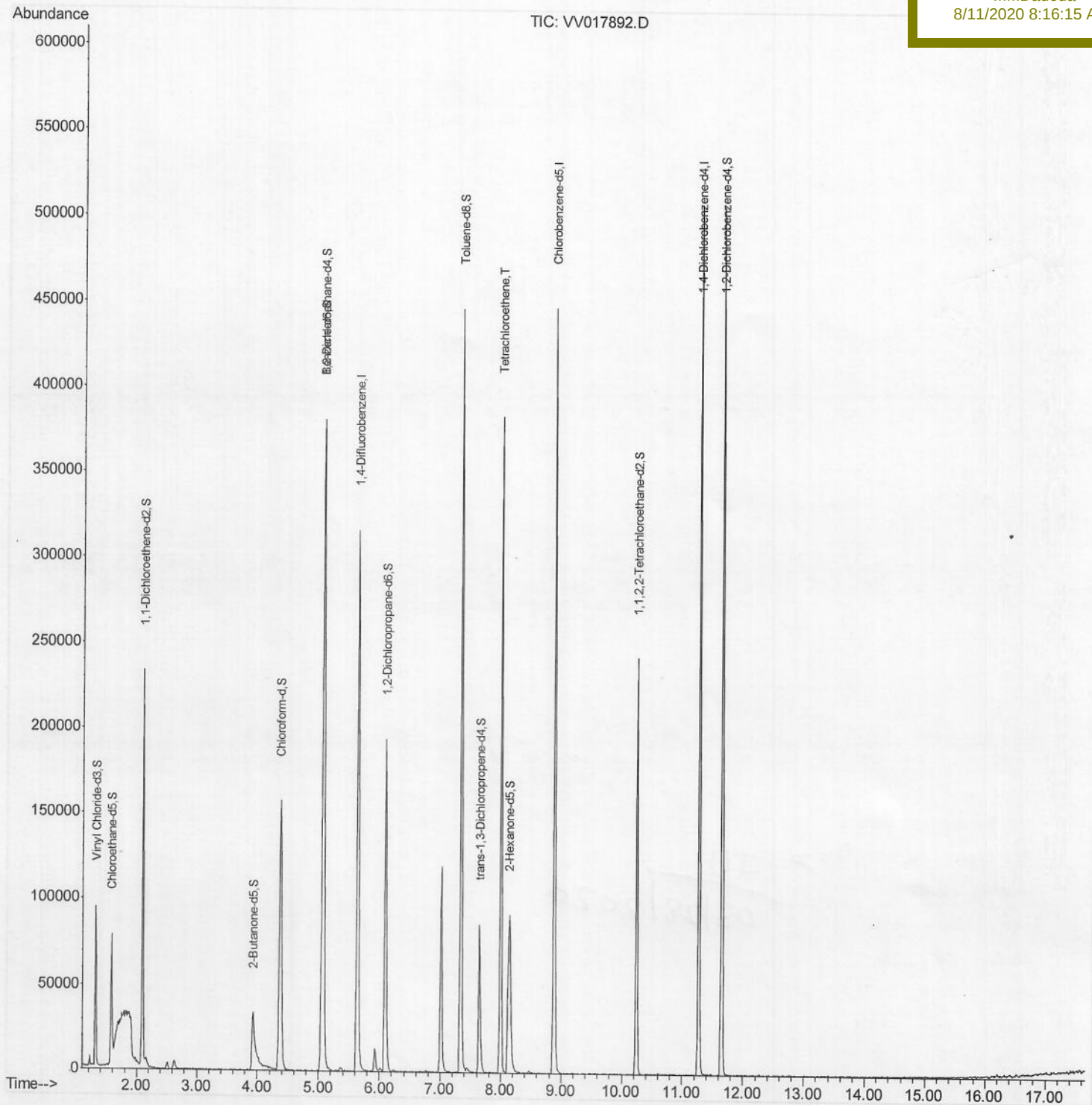
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
Data File : VV017892.D
Acq On : 10 Aug 2020 12:47
Operator : SY/MD
Sample : L3579-10ME
Misc : 6.35µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 11 01:43:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFS4ME

Manual Integrations
APPROVED

MMDadoda
8/11/2020 8:16:15 AM



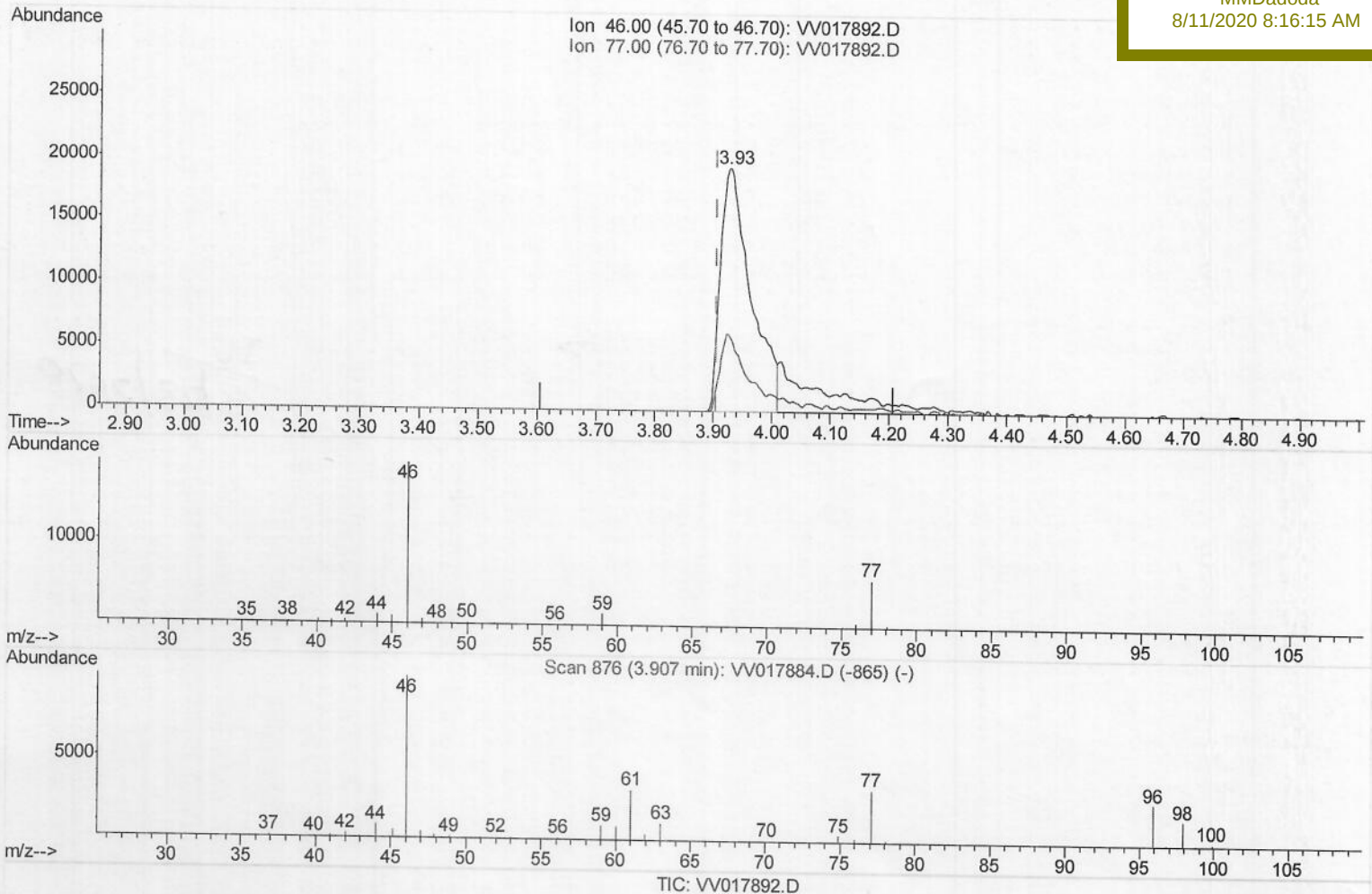
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Data File : VV017892.D
Acq On : 10 Aug 2020 12:47
Operator : SY/MD
Sample : L3579-10ME
Misc : 6.35g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 11 01:19:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFSL4ME

Manual Integrations
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MMDadoda
8/11/2020 8:16:15 AM



(21) 2-Butanone-d5 (S)

3.929min (+0.022) 78.01ug/L

response 70212

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	22.68
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 6.35g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH

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Quant Title : VOC Analysis

QLast Update : Tue Aug 11 01:17:50 2020

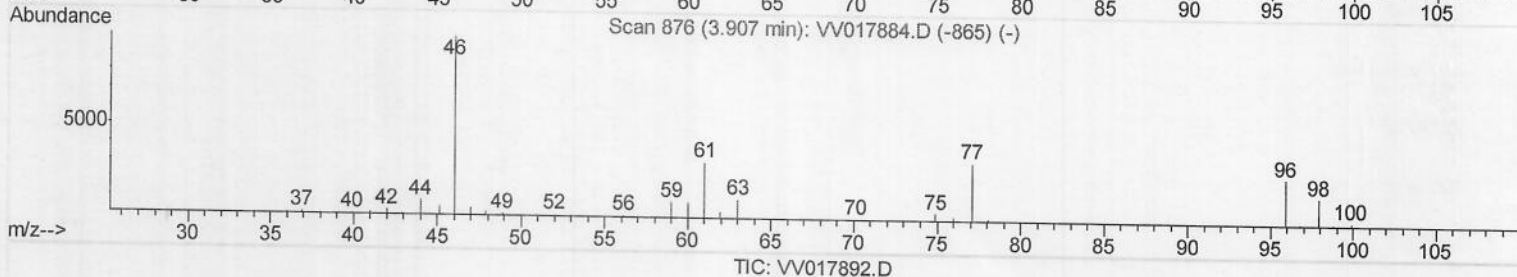
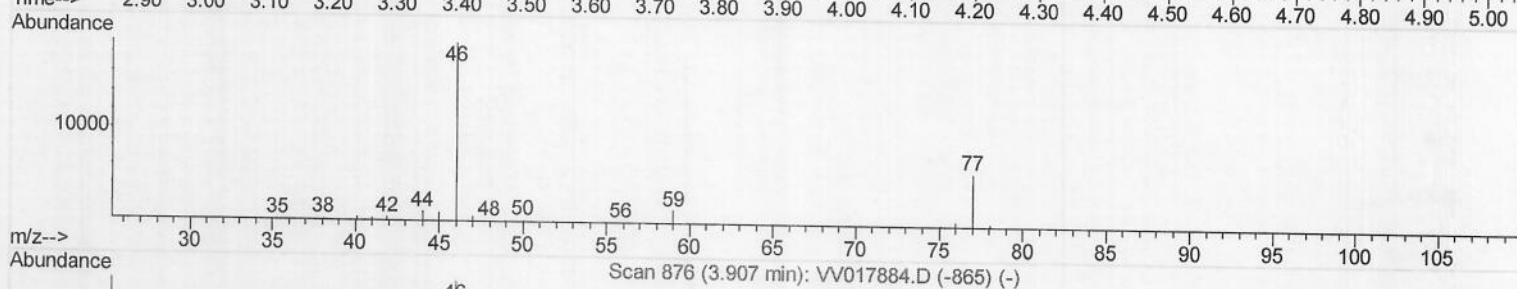
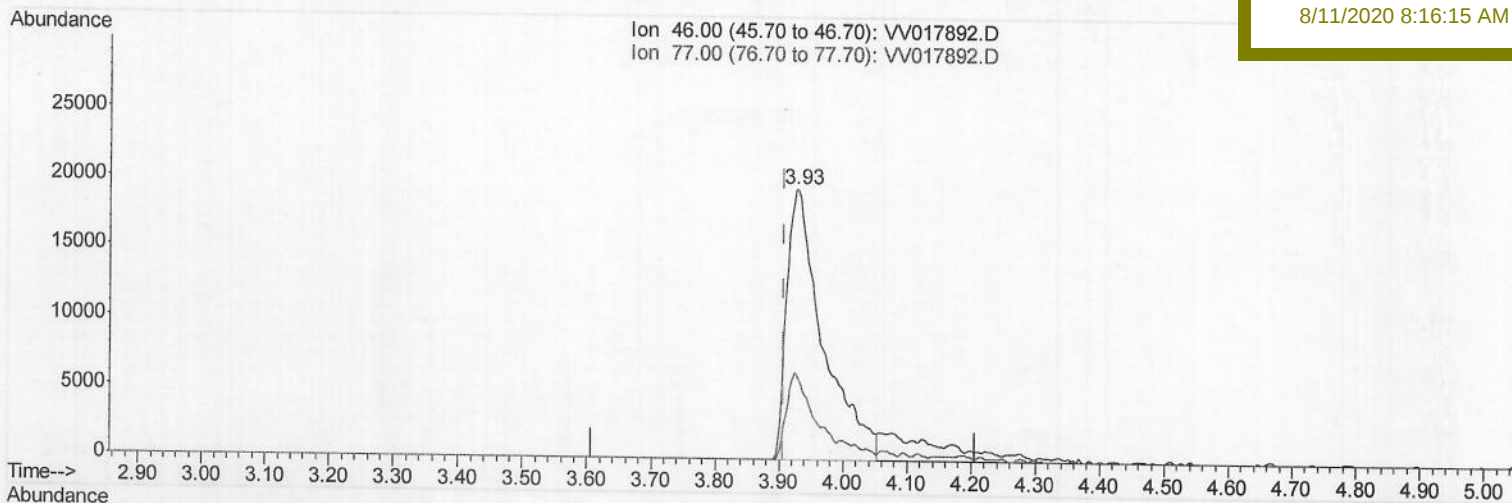
Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

BFSL4ME

Manual Integrations
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(21) 2-Butanone-d5 (S)

3.929min (+0.022) 85.66ug/L m ->

response 77102

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	20.65
0.00	0.00	0.00
0.00	0.00	0.00

MD
08/11/20

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Aug 11 01:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
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 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	278332	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	132046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63606	44.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.50%		
7) Chloroethane-d5	1.58	69	51492	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.34%		
11) 1,1-Dichloroethene-d2	2.10	63	120427	34.87	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.74%		
21) 2-Butanone-d5	3.93	46	77102m	85.66	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.66%		
24) Chloroform-d	4.37	84	171808	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.18%		
26) 1,2-Dichloroethane-d4	5.05	65	129959	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.92%		
32) Benzene-d6	5.07	84	296947	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.70%		
36) 1,2-Dichloropropane-d6	6.09	67	78533	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.82%		
41) Toluene-d8	7.34	98	294265	47.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.36%		
43) trans-1,3-Dichloropropene-	7.65	79	54217	53.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.02%		
47) 2-Hexanone-d5	8.14	63	51684	90.69	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.69%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103879	42.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.70%		
64) 1,2-Dichlorobenzene-d4	11.65	152	132547	49.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.48%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
46) Tetrachloroethene	7.99	164	88902	49.127	ug/L	99

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

MD
 08/11/20