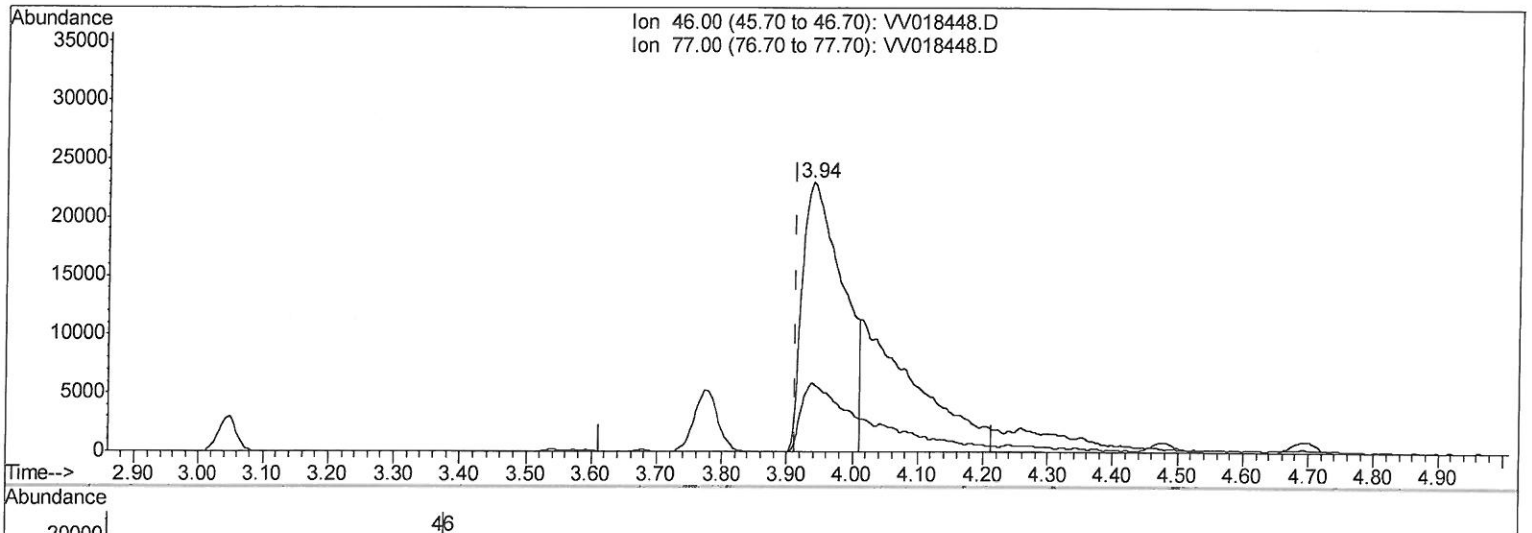
Quantitation Report (Qedit)

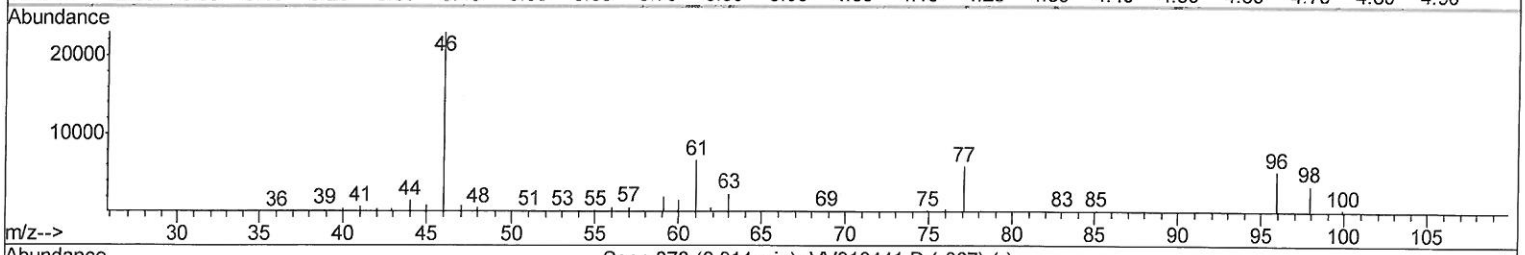
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018448.D
Acq On : 25 Sep 2020 12:23
Operator : SY/MD
Sample : L4109-17
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

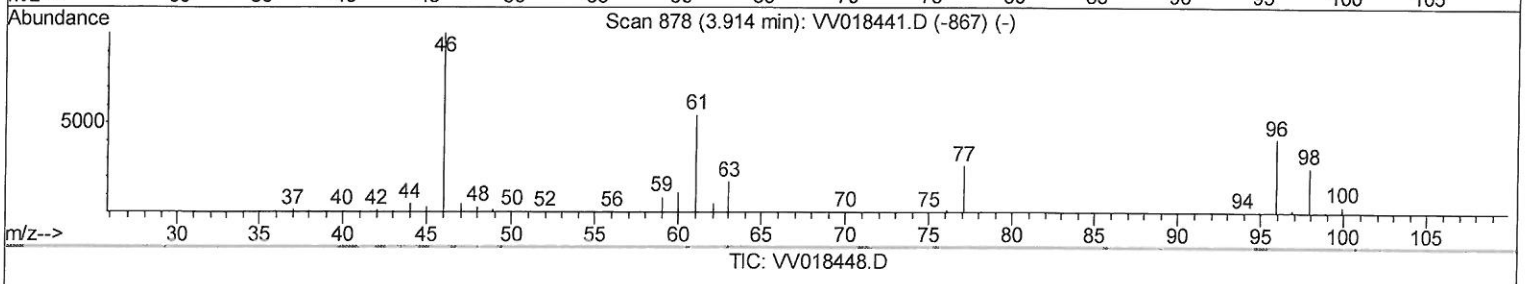
Quant Time: Sep 25 23:44:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Manual Integrations APPROVED
MMDadoda
9/28/2020 5:00:26 PM







TIC: VV018448.D

(21) 2-Butanone-d5 (S)

3.939min (+0.026) 47.96ug/L

response 98178

Ion	Exp%	Act%
46.00	100	100
77.00	23.60	29.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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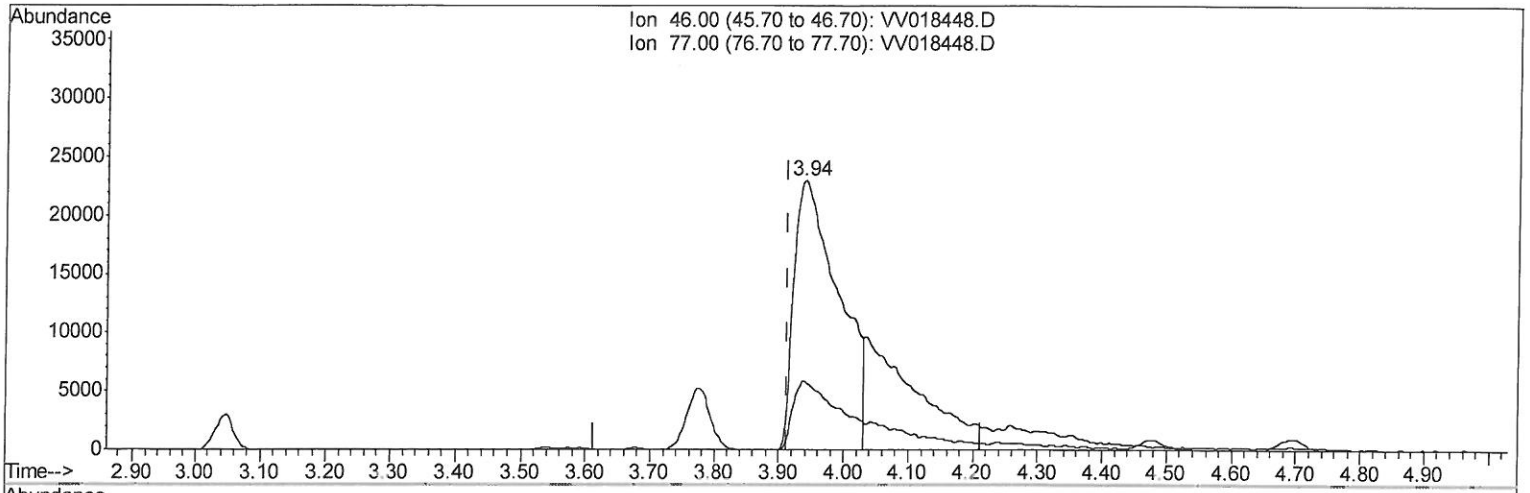

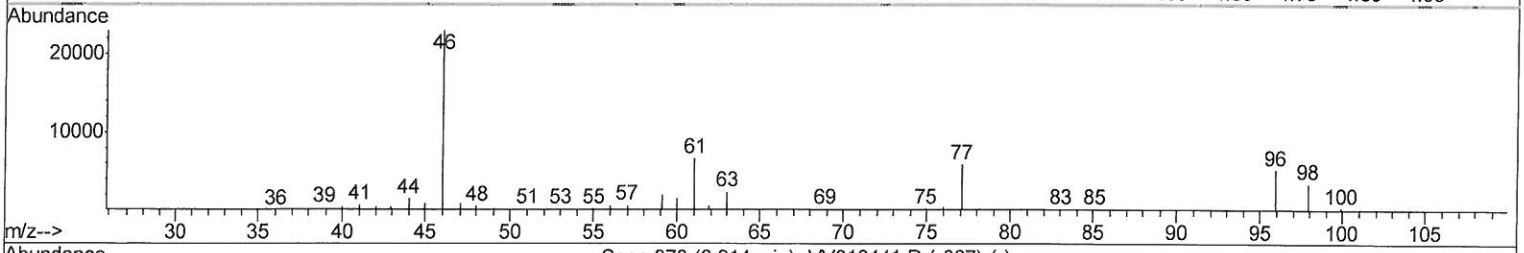

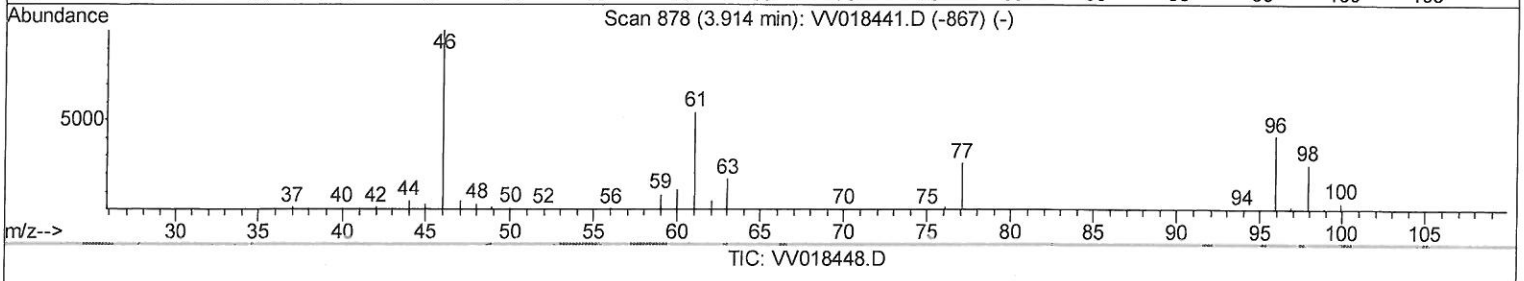

TIC: VV018448.D

(21) 2-Butanone-d5 (S)

3.939min (+0.026) 53.87ug/L m 9/10/07/20 SY

response 110261

Ion	Exp%	Act%
46.00	100	100
77.00	23.60	26.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
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ClientSampleId :
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Manual Integrations APPROVED
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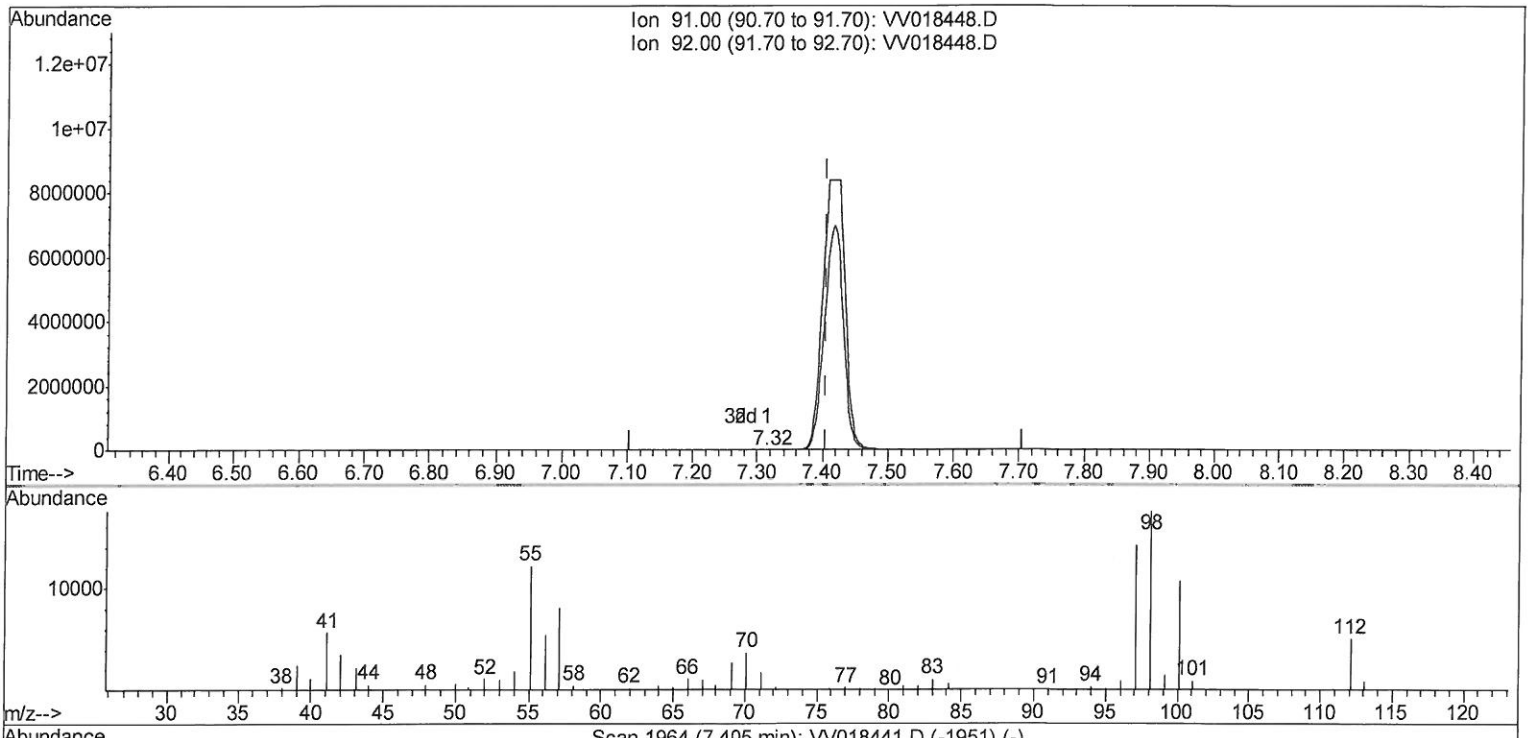

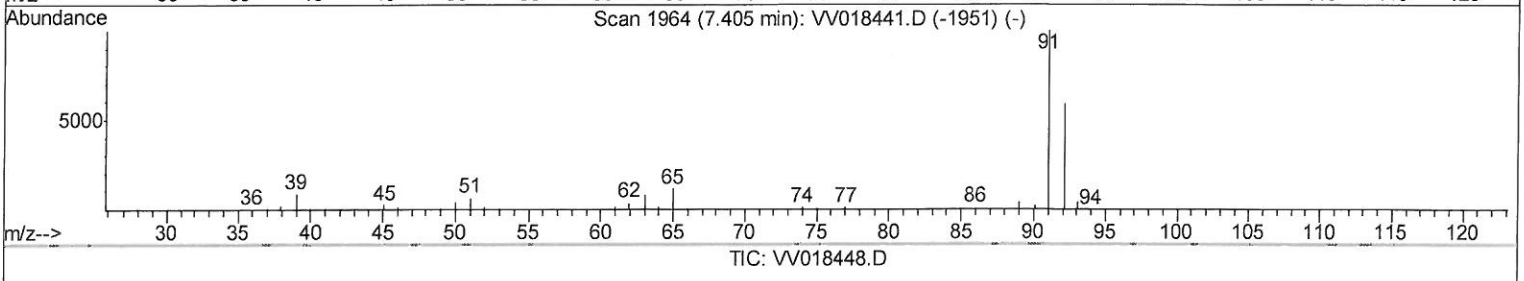

TIC: VV018448.D

(42) Toluene (T)

7.315min (-0.090) 0.01ug/L

response 76

Ion	Exp%	Act%
91.00	100	100
92.00	58.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Manual Integrations APPROVED
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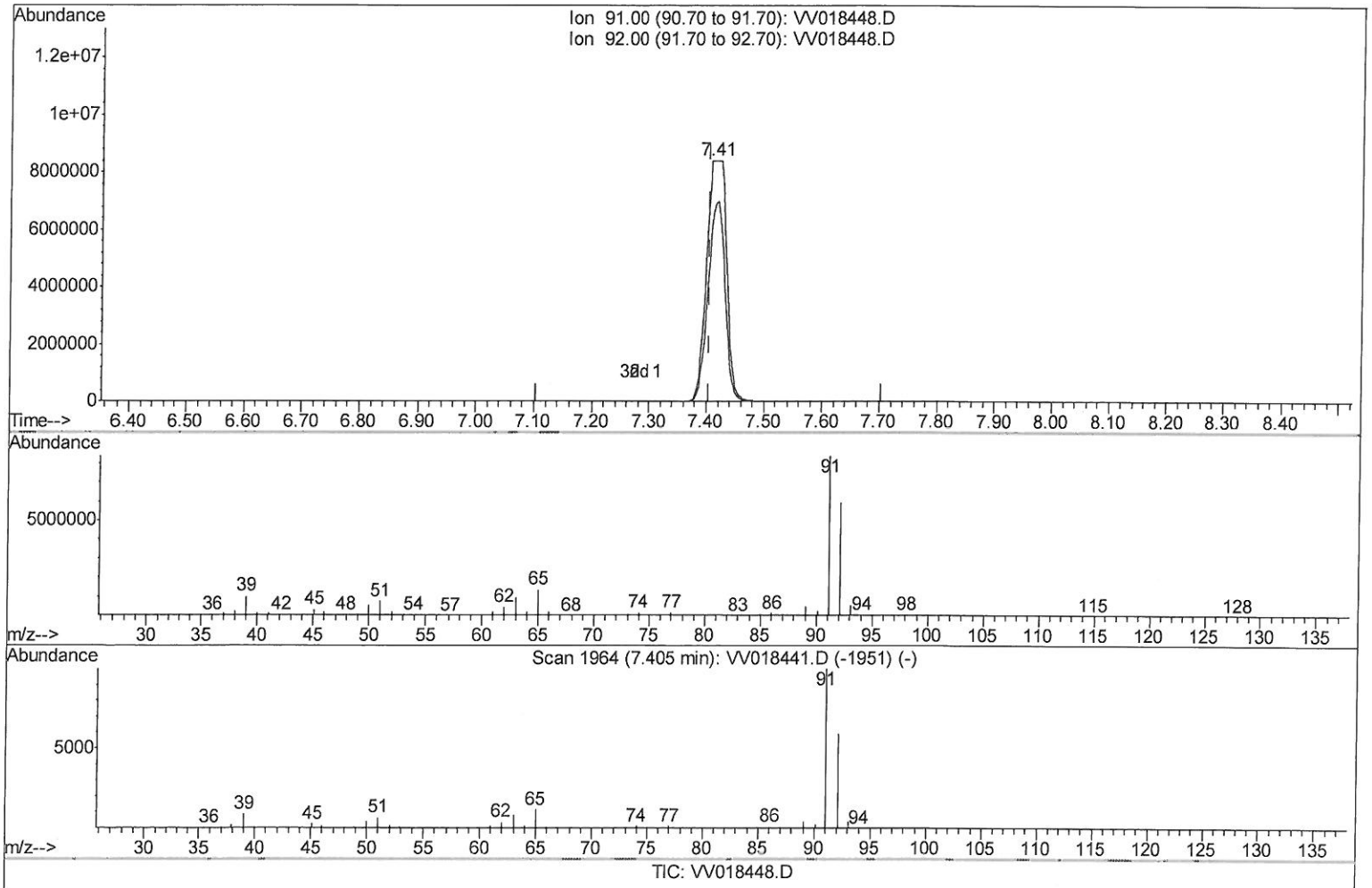

TIC: VV018448.D

(42) Toluene (T)

7.408min (+0.003) 1670.66ug/L m 10/21/25

response 20241334

Ion	Exp%	Act%
91.00	100	100
92.00	58.10	70.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018448.D
Acq On : 25 Sep 2020 12:23
Operator : SY/MD
Sample : L4109-17
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 23:44:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Manual Integrations APPROVED
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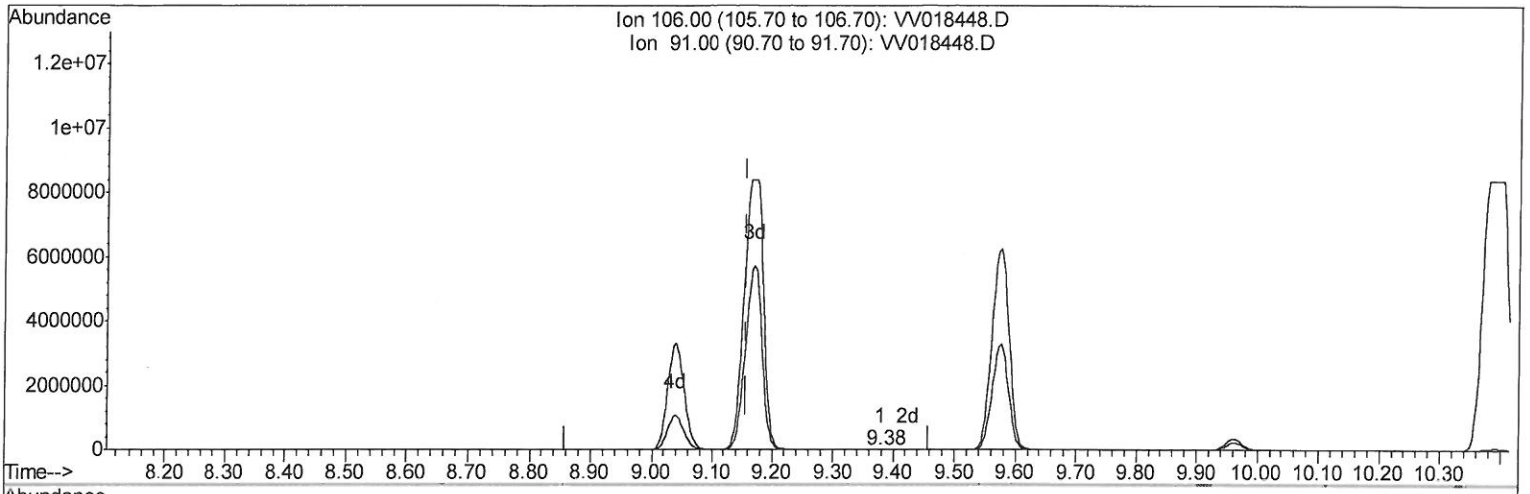

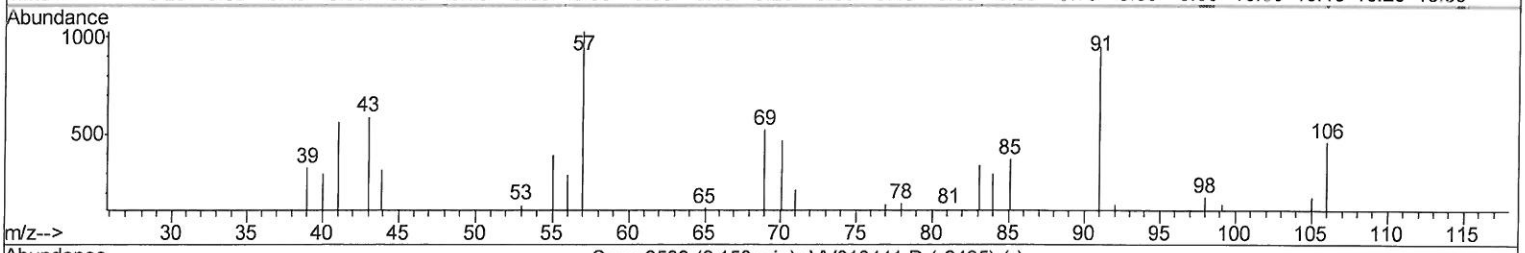

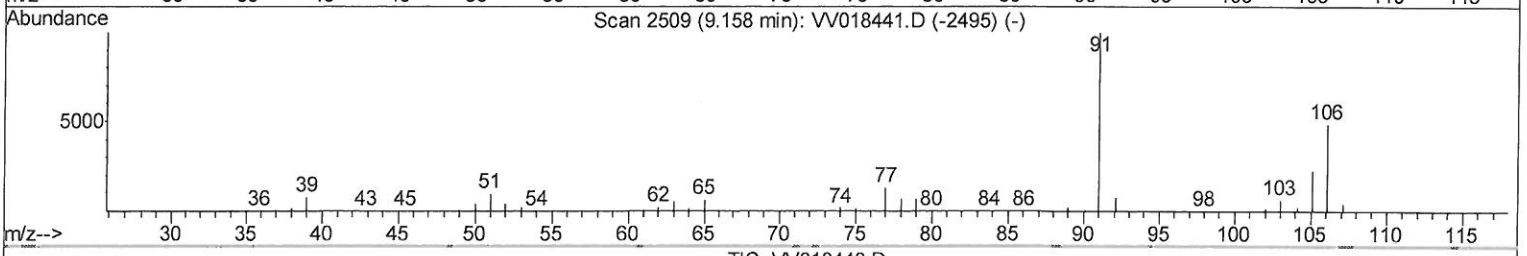

TIC: VV018448.D

(53) m,p-Xylene (T)

9.379min (+0.222) 0.05ug/L

response 225

Ion	Exp%	Act%
106.00	100	100
91.00	209.60	206.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018448.D
Acq On : 25 Sep 2020 12:23
Operator : SY/MD
Sample : L4109-17
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 23:44:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Manual Integrations APPROVED
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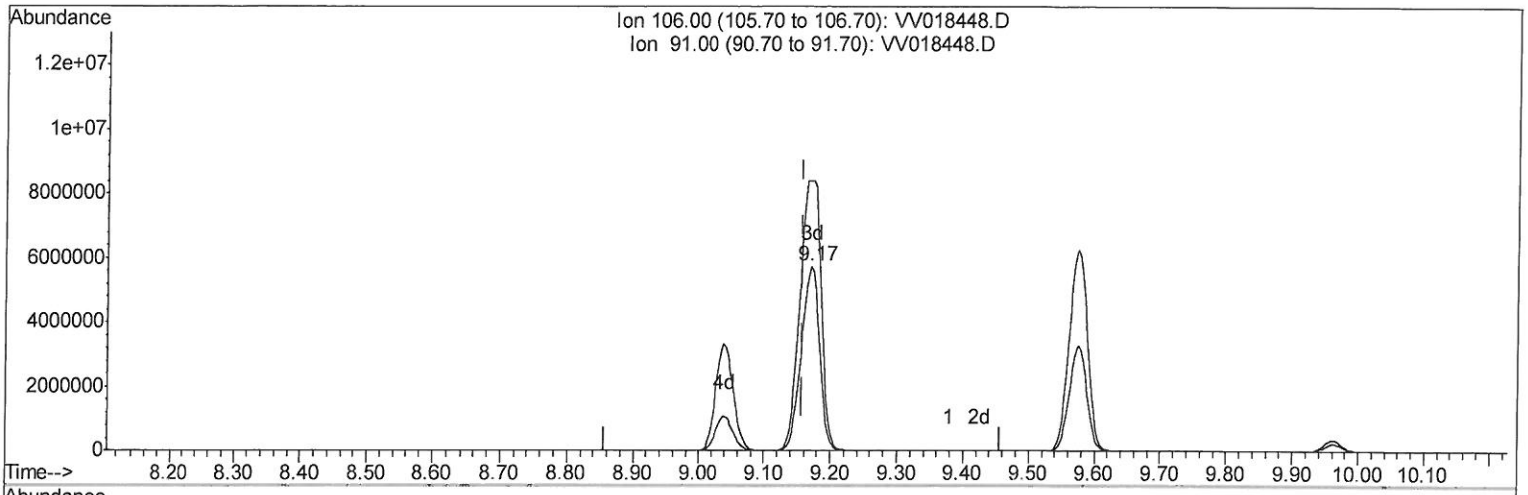

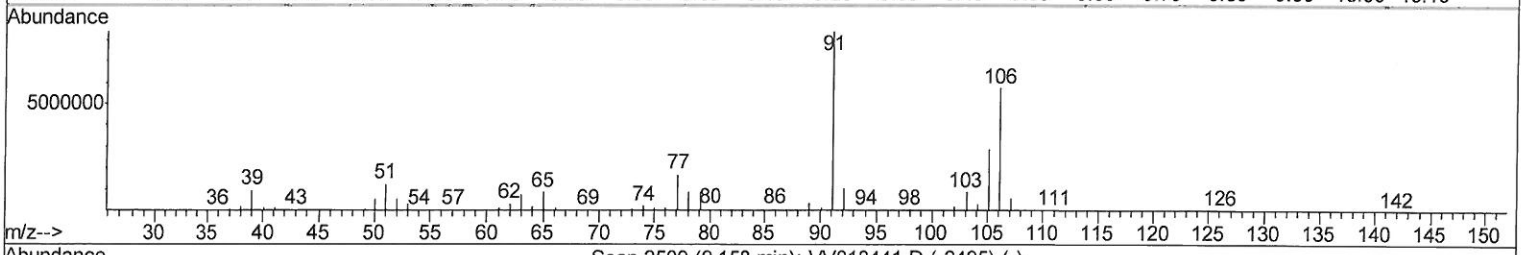

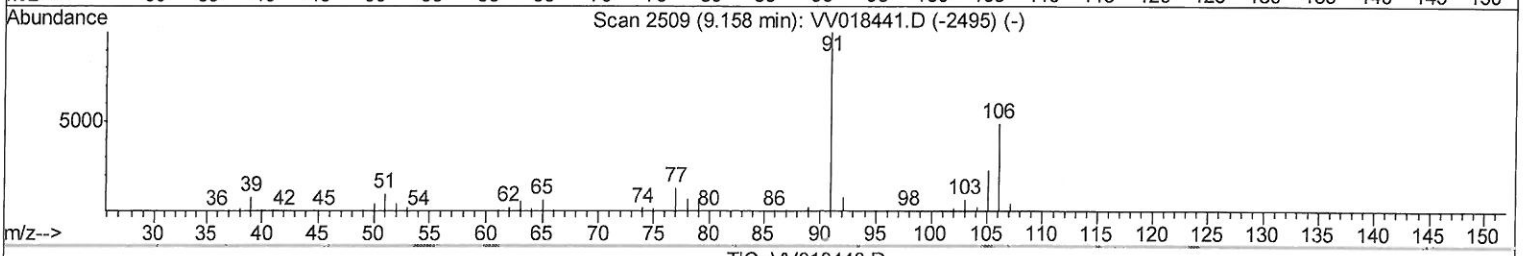

TIC: VV018448.D

(53) m,p-Xylene (T)

9.170min (+0.013) 2216.64ug/L m 5/10/21/0854

response 10944024

Ion	Exp%	Act%
106.00	100	100
91.00	209.60	146.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018448.D
Acq On : 25 Sep 2020 12:23
Operator : SY/MD
Sample : L4109-17
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 00:52:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BG3Y1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	410355	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.88	117	400427	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	199998	50.00	ug/L		0.02
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	96785	28.94	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.88%			#	
7) Chloroethane-d5	1.58	69	83307	30.44	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.88%			#	
11) 1,1-Dichloroethene-d2	2.10	63	122380	19.95	ug/L		-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 39.90%			#	
21) 2-Butanone-d5	3.94	46	110261m	53.87	ug/L		0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 53.87%				
24) Chloroform-d	4.38	84	211282	36.41	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.82%				
26) 1,2-Dichloroethane-d4	5.06	65	141148	37.95	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.90%				
32) Benzene-d6	5.07	84	444687	38.79	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.58%				
36) 1,2-Dichloropropane-d6	6.10	67	146789	40.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.60%				
41) Toluene-d8	7.34	98	423625	40.55	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.10%				
43) trans-1,3-Dichloropropene-	7.65	79	73612	39.77	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.54%				
47) 2-Hexanone-d5	8.16	63	140332	101.71	ug/L		0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.71%				
57) 1,1,2,2-Tetrachloroethane-	10.27	84	212698	46.53	ug/L		0.04
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.06%				
64) 1,2-Dichlorobenzene-d4	11.66	152	181497	44.19	ug/L		0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.38%				
Target Compounds							Qvalue
19) 1,1-Dichloroethane	3.21	63	7870	1.499	ug/L		96
20) cis-1,2-Dichloroethene	3.94	96	14299	4.817	ug/L		96
29) Cyclohexane	4.69	56	178650	38.636	ug/L		100
30) 1,1,1-Trichloroethane	4.63	97	337541	72.635	ug/L		99
35) Methylcyclohexane	6.15	83	15029	3.201	ug/L		92
42) Toluene	7.41	91	20241334m	1670.658	ug/L		
46) Tetrachloroethene	8.00	164	22749	9.303	ug/L		97
51) Chlorobenzene	8.91	112	60347	7.670	ug/L		97
52) Ethylbenzene	9.04	91	6283094	475.003	ug/L		97
53) m,p-Xylene	9.17	106	10944024m	2216.641	ug/L		
54) o-xylene	9.58	106	6129285	1288.623	ug/L		84
55) Styrene	9.58	104	311420	37.669	ug/L	#	1
56) Isopropylbenzene	9.96	105	7119948	555.419	ug/L		98
62) 1,3-Dichlorobenzene	11.23	146	14901	2.506	ug/L	#	24
63) 1,4-Dichlorobenzene	11.31	146	36078	5.902	ug/L	#	71
65) 1,2-Dichlorobenzene	11.68	146	327322	54.452	ug/L		97
68) 1,2,4-trichlorobenzene	13.29	180	40317	9.657	ug/L	#	59

10/07/20 SY

10/07/20 SY

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	12776	3.107	ug/L	#	38

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

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