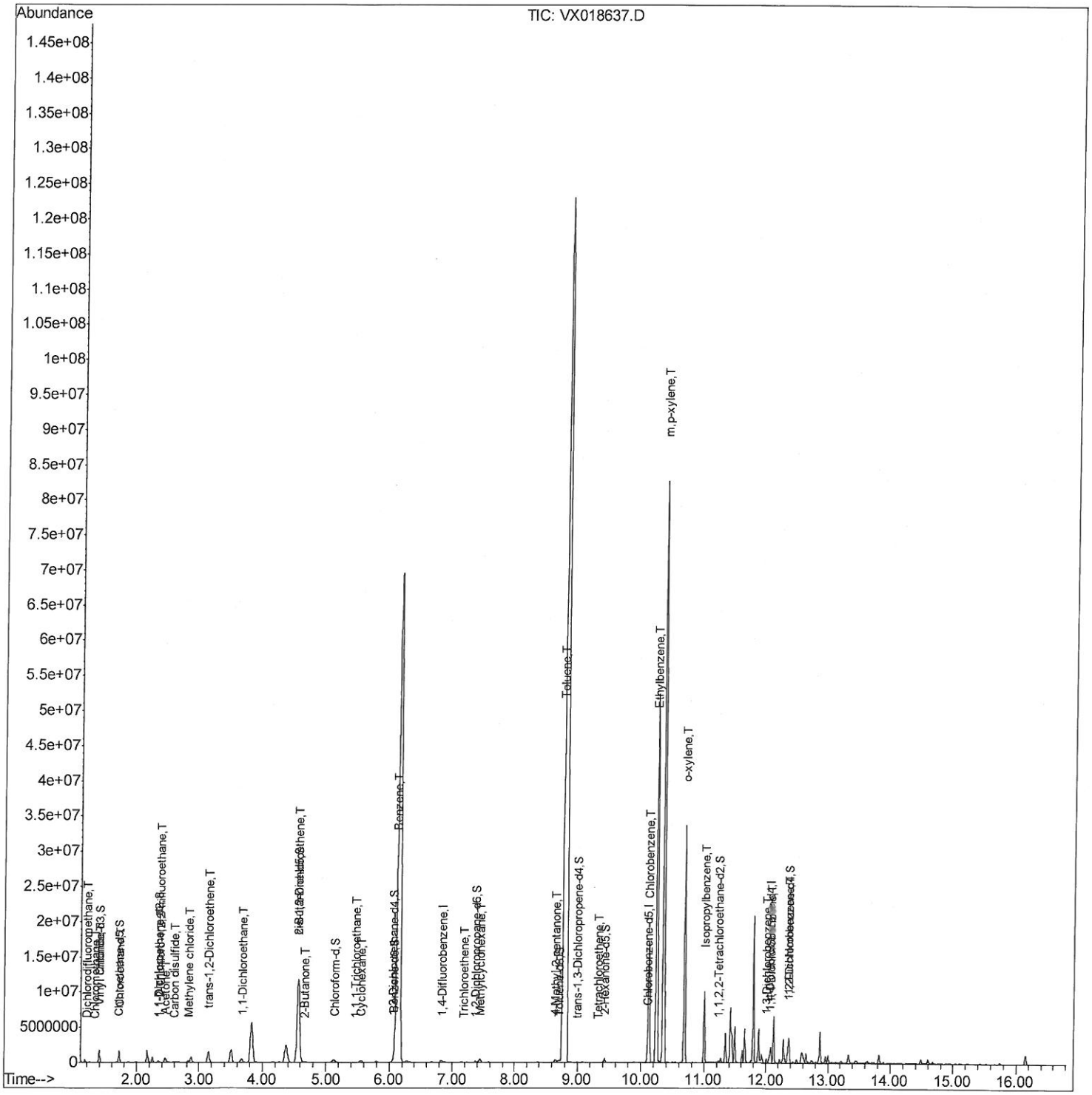
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 06:01:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM



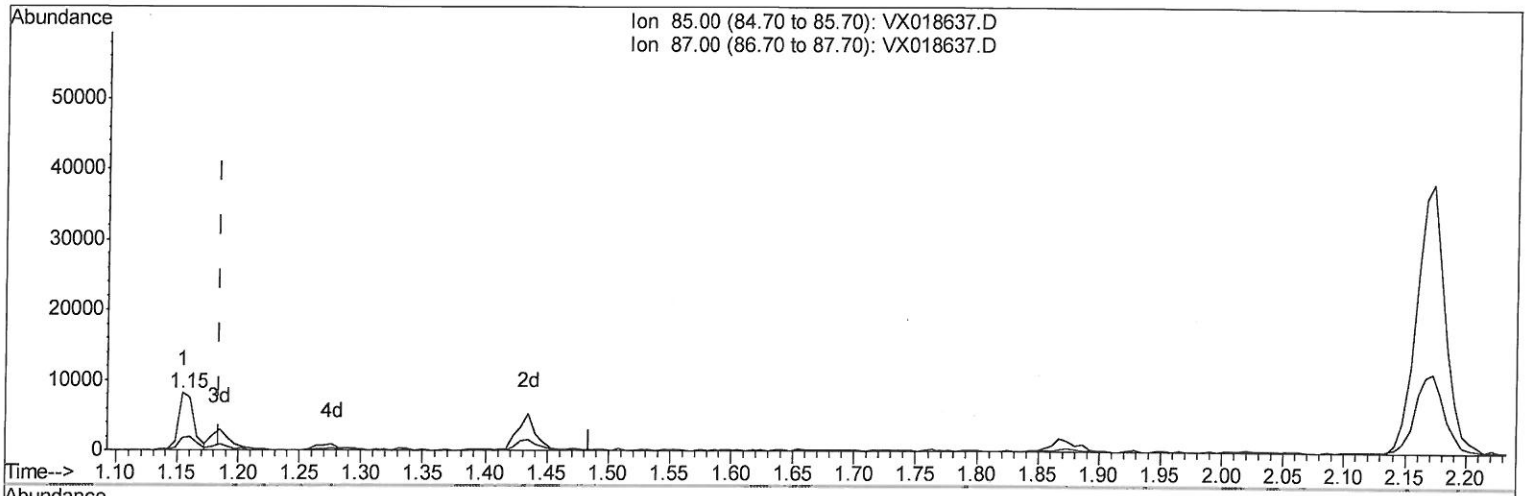
Quantitation Report (Qedit)

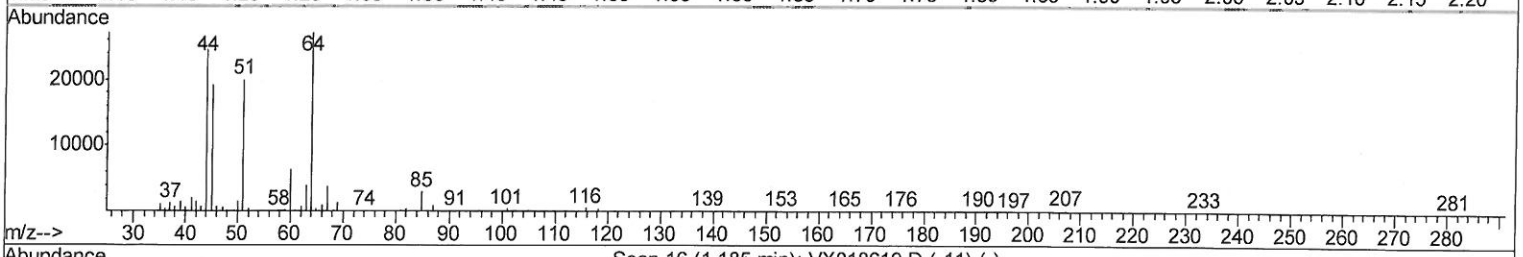
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

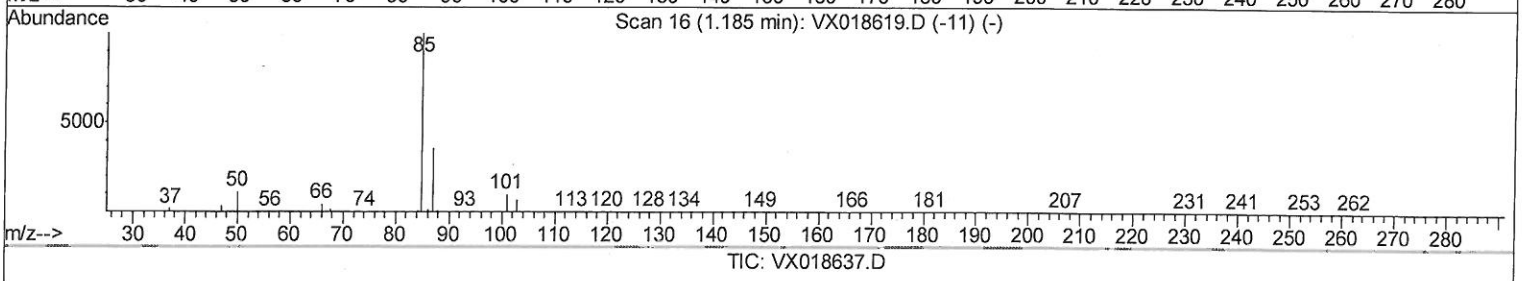
Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM







TIC: VX018637.D

(2) Dichlorodifluoromethane (T)

1.154min (-0.031) 0.39ug/L

response 7307

Ion	Exp%	Act%
85.00	100	100
87.00	32.60	29.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
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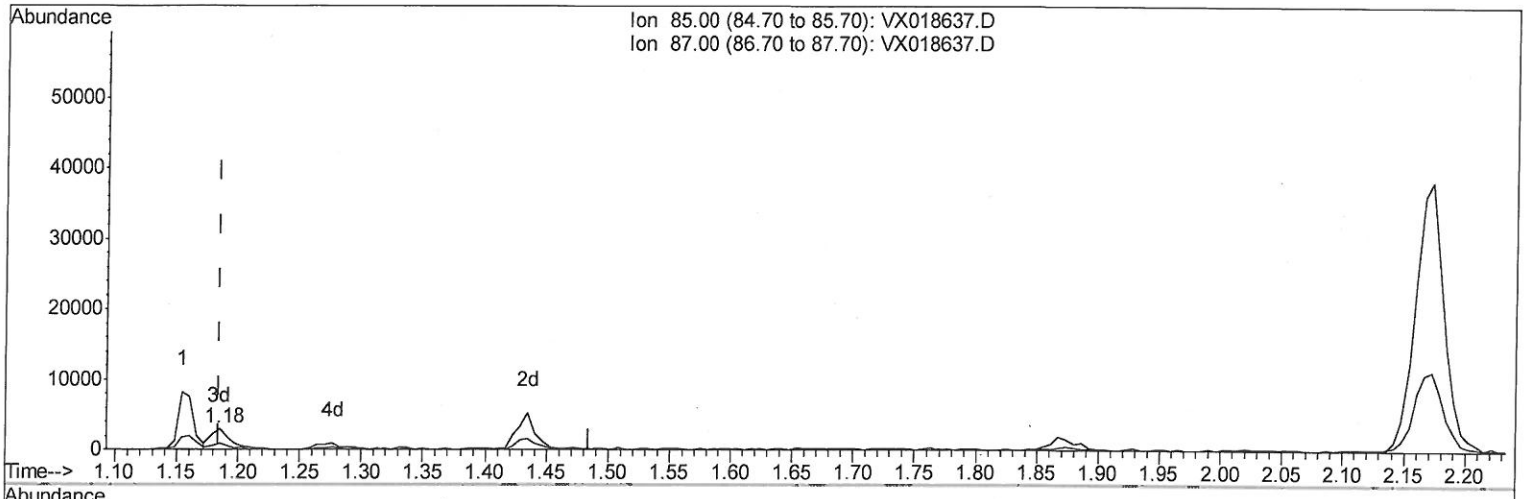
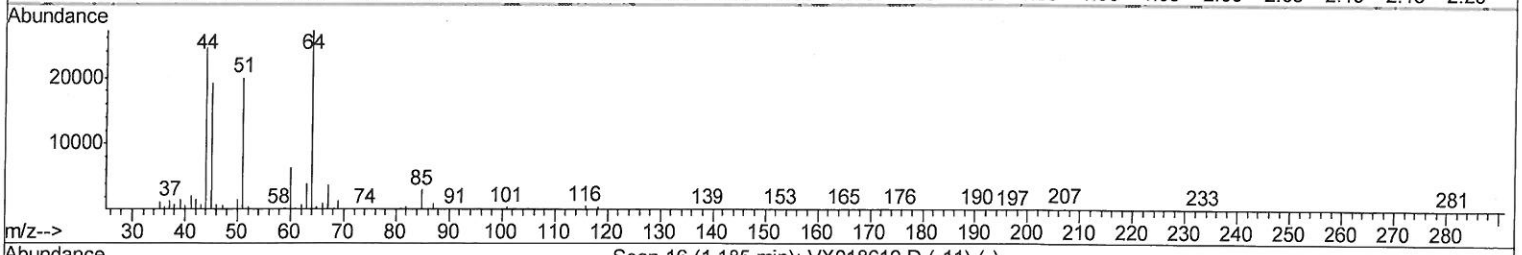
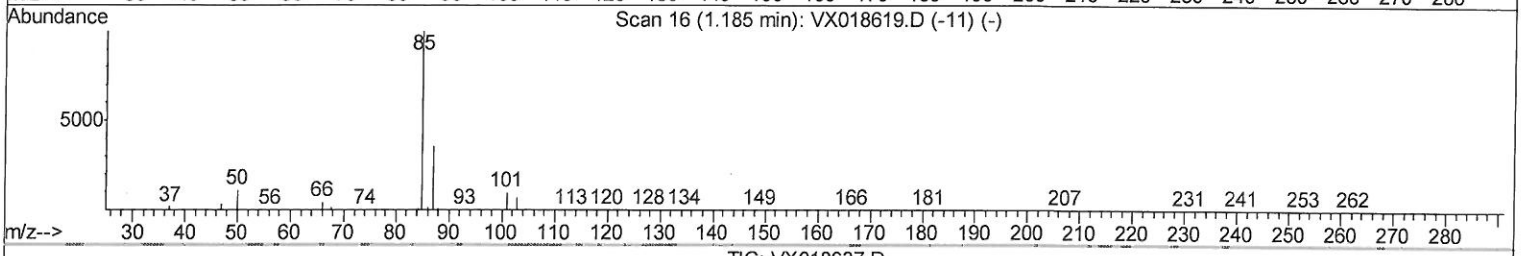
9/29/2020 9:43:47 AM







TIC: VX018637.D

(2) Dichlorodifluoromethane (T)

1.185min (-0.000) 0.17ug/L m

response 3249

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Ion	Exp%	Act%
85.00	100	100
87.00	32.60	67.16#
0.00	0.00	0.00
0.00	0.00	0.00

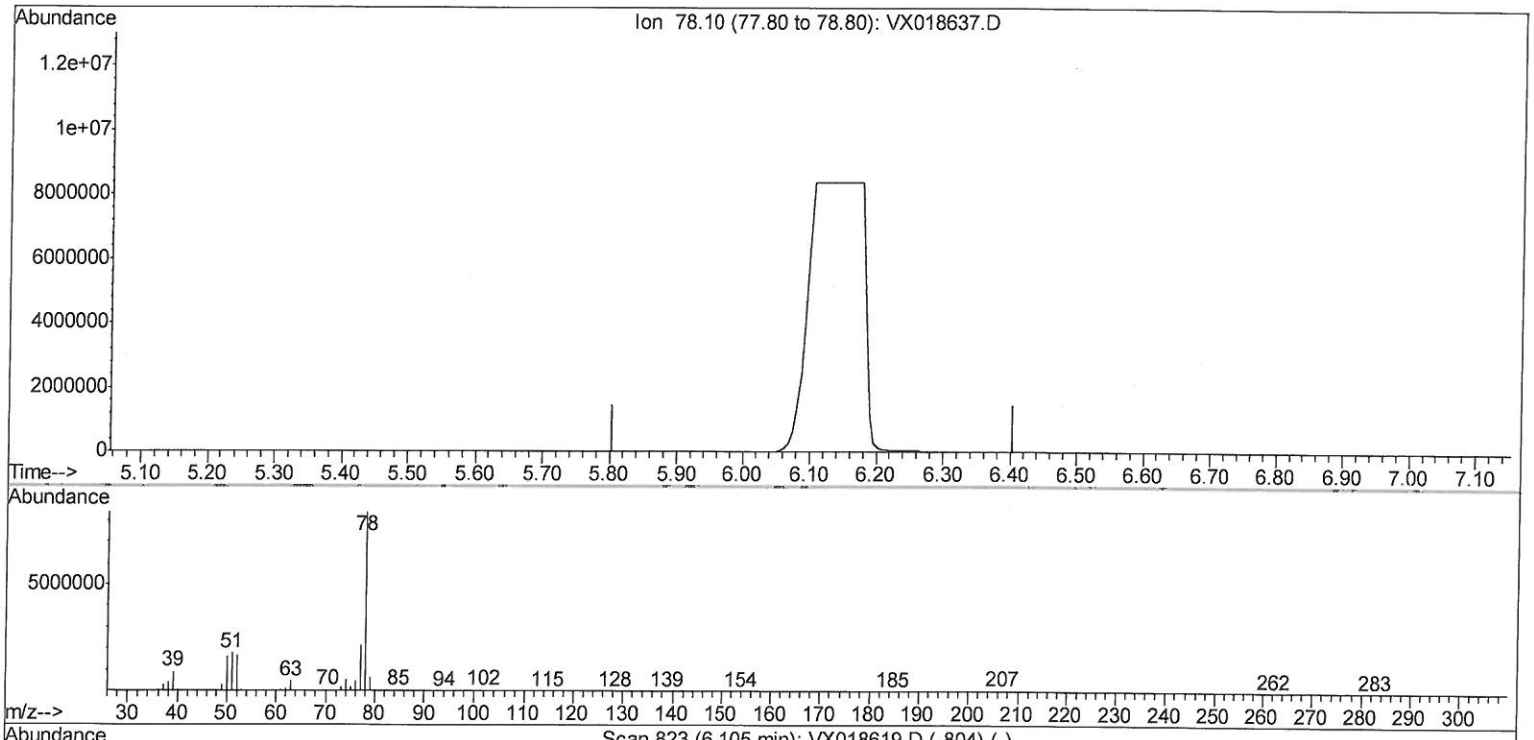
Quantitation Report (Qedit)

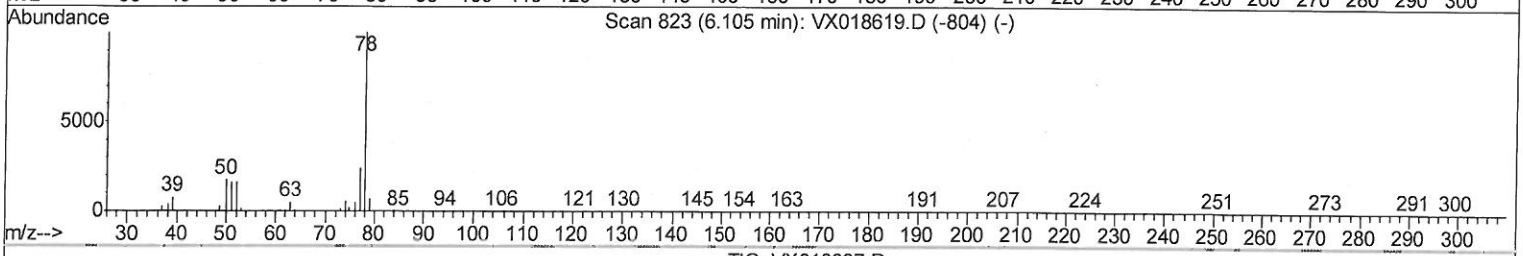
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM





TIC: VX018637.D

(33) Benzene (T)

6.105min (-6.105) 0.00ug/L

response 0

Ion	Exp%	Act%
78.10	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

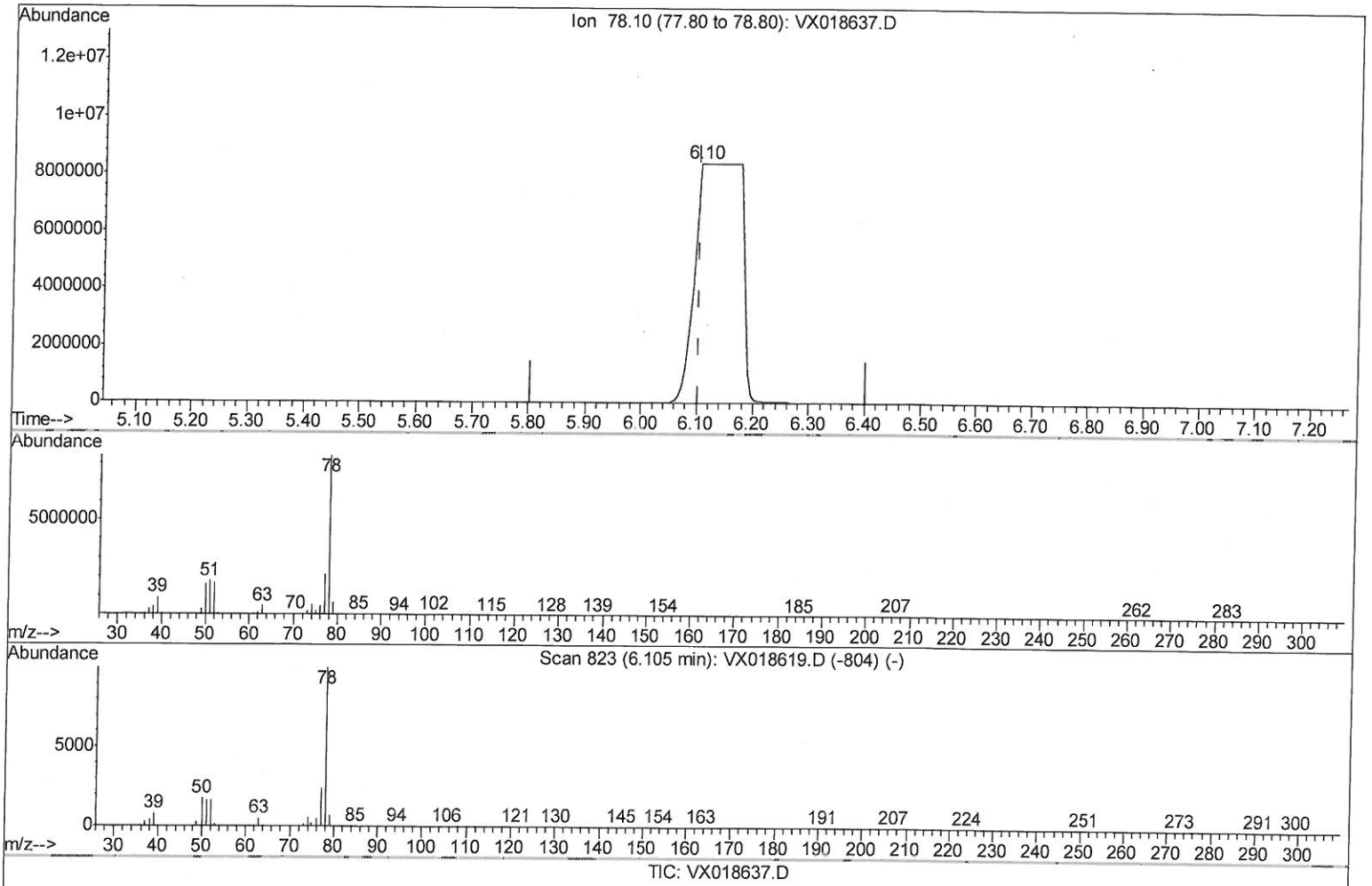
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM



TIC: VX018637.D

(33) Benzene (T)

6.105min (-0.000) 812.49ug/L m

response 47463279

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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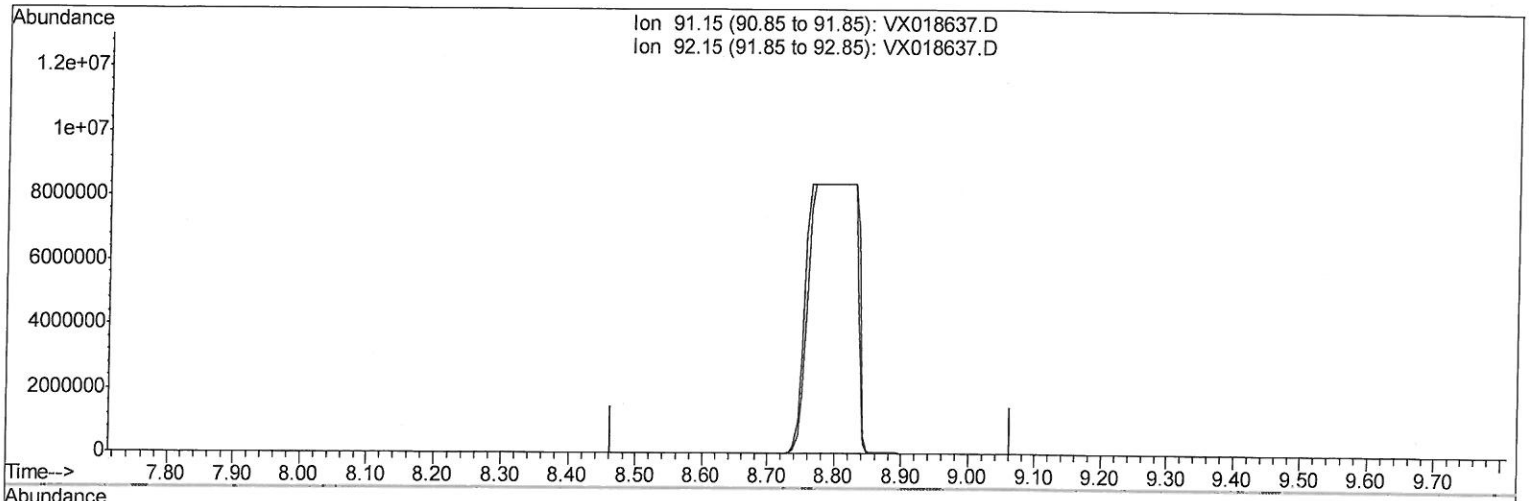
Quantitation Report (Qedit)

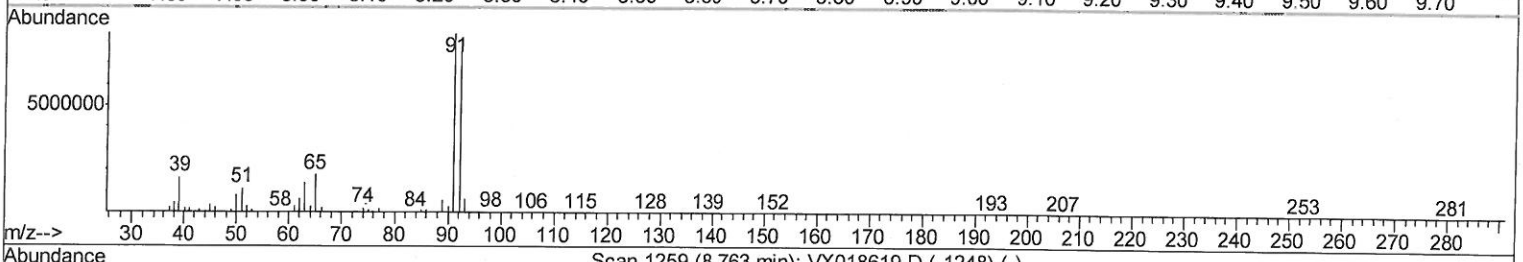
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

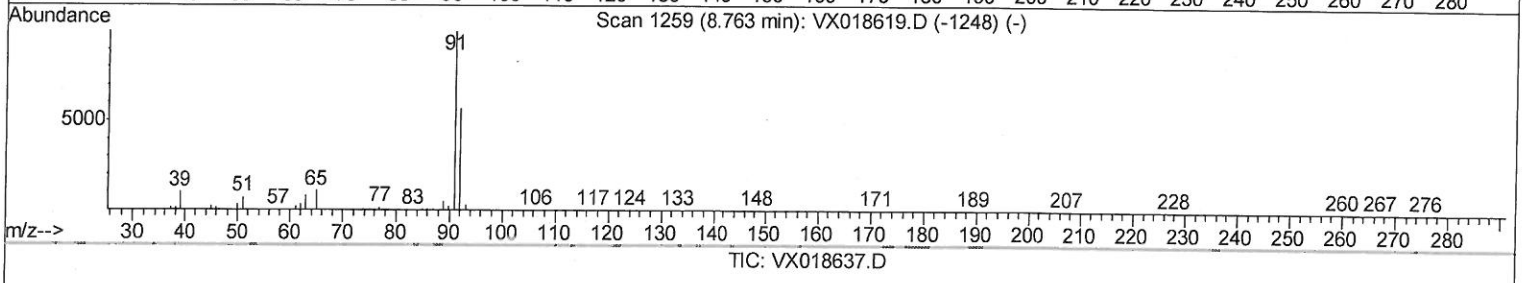
Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM







TIC: VX018637.D

(42) Toluene (T)

8.763min (-8.763) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
92.15	58.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
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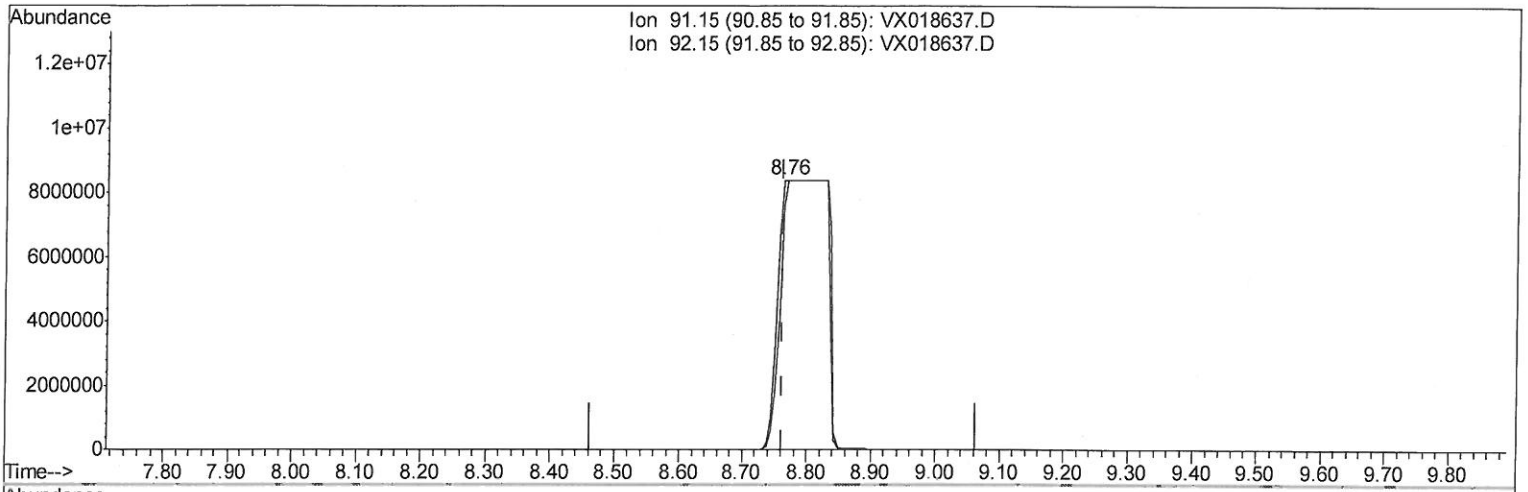
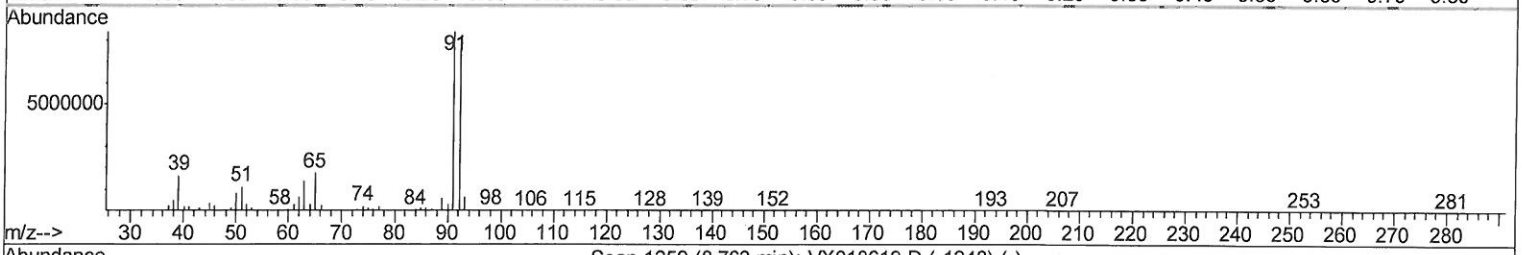
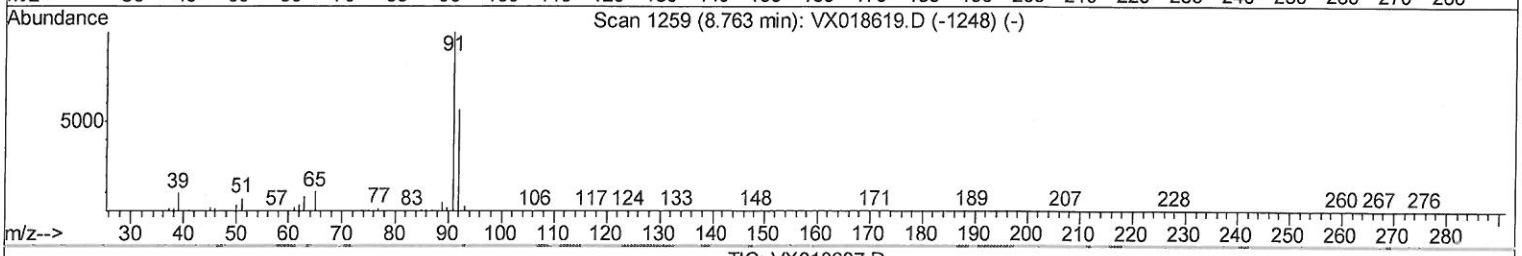
9/29/2020 9:43:47 AM







TIC: VX018637.D

(42) Toluene (T)

8.763min (-0.000) 692.90ug/L m

response 43721369

Ion	Exp%	Act%
91.15	100	100
92.15	58.70	90.44#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
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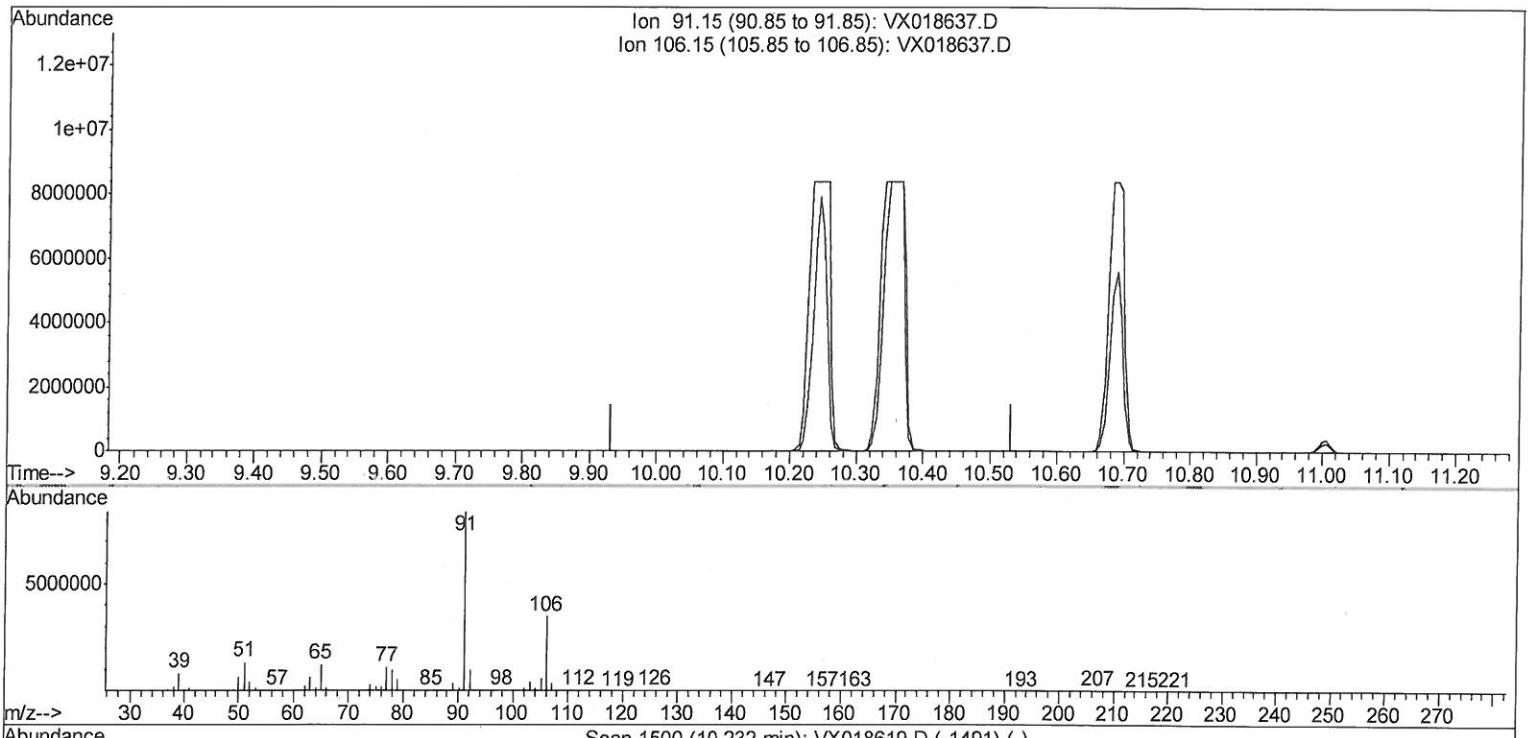
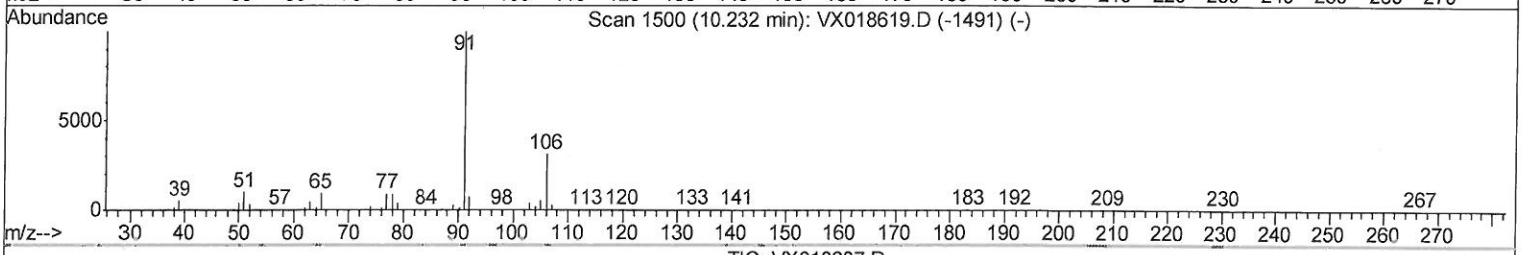
9/29/2020 9:43:47 AM





TIC: VX018637.D

(54) Ethylbenzene (T)

10.232min (-10.232) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
106.15	30.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

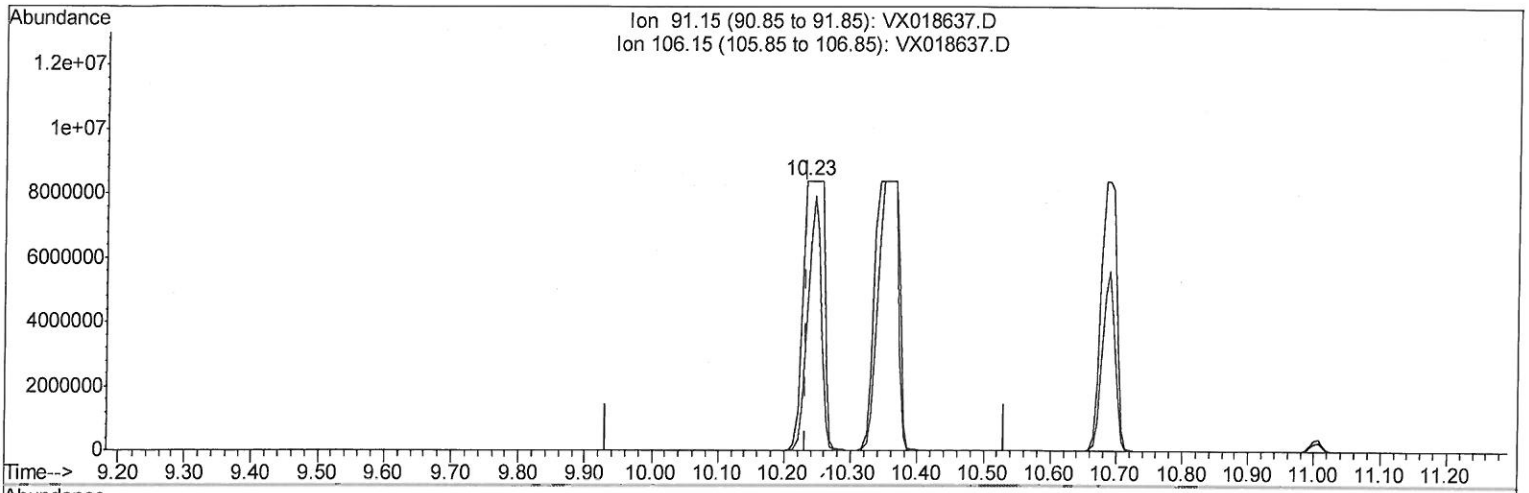
Quantitation Report (Qedit)

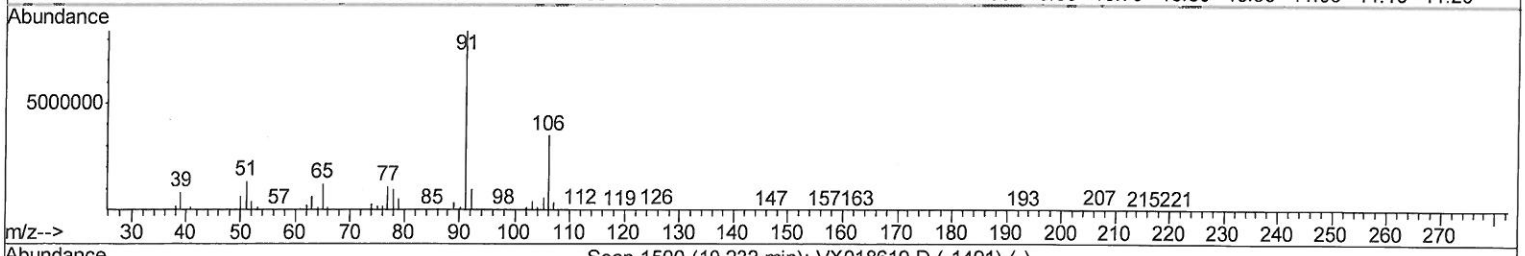
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

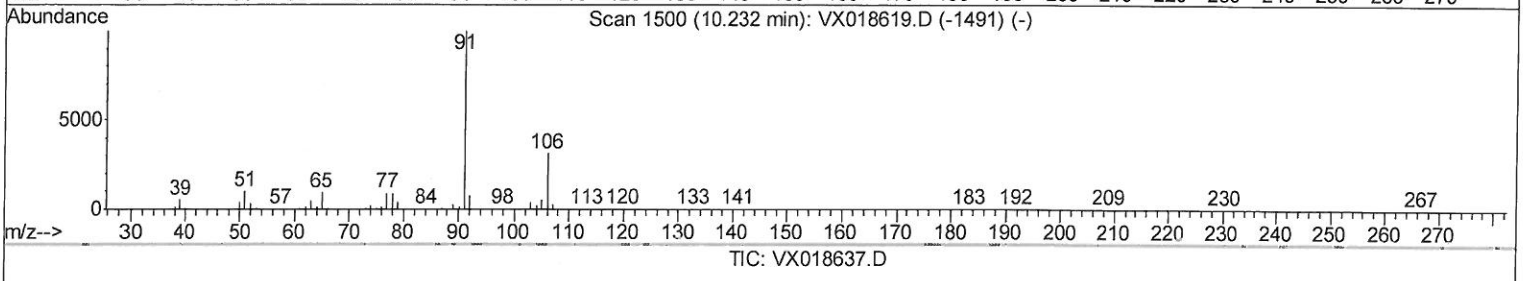
Quant Time: Sep 29 02:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM







TIC: VX018637.D

(54) Ethylbenzene (T)

10.232min (-0.000) 270.38ug/L m

response 18583791

Ion	Exp%	Act%
91.15	100	100
106.15	30.00	41.73#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 29 06:01:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : BG495

Manual Integrations APPROVED
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9/29/2020 9:43:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	312173	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	302988	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	161754	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	75485	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.70	69	68466	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.34	63	134102	3.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.40%			
20) 2-Butanone-d5	4.56	46	197178	47.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.68%			
24) Chloroform-d	5.14	84	169202	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	6.06	65	92946	4.12	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
32) Benzene-d6	6.06	84	313352	4.48	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	7.37	67	97854	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	8.71	98	317225	4.56	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
45) trans-1,3-Dichloropropene-	9.00	79	40070	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
48) 2-Hexanone-d5	9.43	63	177513	52.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.60%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	76780	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	126449	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	3249m	0.172	ug/L	?
3) Chloromethane	1.31	50	2556	0.158	ug/L #	81
5) Vinyl chloride	1.39	62	993379	58.771	ug/L	97
8) Chloroethane	1.72	64	935303	100.625	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	20746	1.291	ug/L	98
12) 1,1-Dichloroethene	2.36	96	19097	1.253	ug/L #	4
13) Acetone	2.46	43	653217	283.320	ug/L	99
14) Carbon disulfide	2.61	76	598680	12.920	ug/L	97
16) Methylene chloride	2.84	84	16124	0.774	ug/L	86
18) trans-1,2-Dichloroethene	3.14	96	10895	0.715	ug/L	95
19) 1,1-Dichloroethane	3.67	63	555637	20.338	ug/L	99
21) 2-Butanone	4.66	43	219024	59.850	ug/L #	65
22) cis-1,2-Dichloroethene	4.56	96	7609547	478.728	ug/L #	92
29) 1,1,1-Trichloroethane	5.46	97	30776	1.066	ug/L	95
30) Cyclohexane	5.56	56	199459	8.688	ug/L	94
33) Benzene	6.10	78	47463279m	812.486	ug/L	?
34) Trichloroethene	7.19	95	5473	0.324	ug/L #	87

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MD 10/06/20

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018637.D
Acq On : 29 Sep 2020 00:09
Operator : JC/SP
Sample : L4135-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG495

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:47 AM

Quant Time: Sep 29 06:01:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Methylcyclohexane	7.44	83	204645	8.704	ug/L		94
40) 4-Methyl-2-pentanone	8.65	43	363547	42.080	ug/L		98
42) Toluene	8.76	91	43721369m	692.897	ug/L		
49) Tetrachloroethene	9.32	164	2417	0.182	ug/L		90
53) Chlorobenzene	10.12	112	7372962	176.881	ug/L		94
54) Ethylbenzene	10.23	91	18583791m	270.377	ug/L		
55) m,p-xylene	10.35	106	17589676	669.299	ug/L	#	34
56) o-xylene	10.69	106	7382722	297.298	ug/L	#	47
58) Isopropylbenzene	11.01	105	5216721	78.350	ug/L		99
63) 1,3-Dichlorobenzene	12.01	146	90407	2.571	ug/L		95
64) 1,4-Dichlorobenzene	12.09	146	744848	20.970	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	1031161	31.476	ug/L		96

MO 10/06/20

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