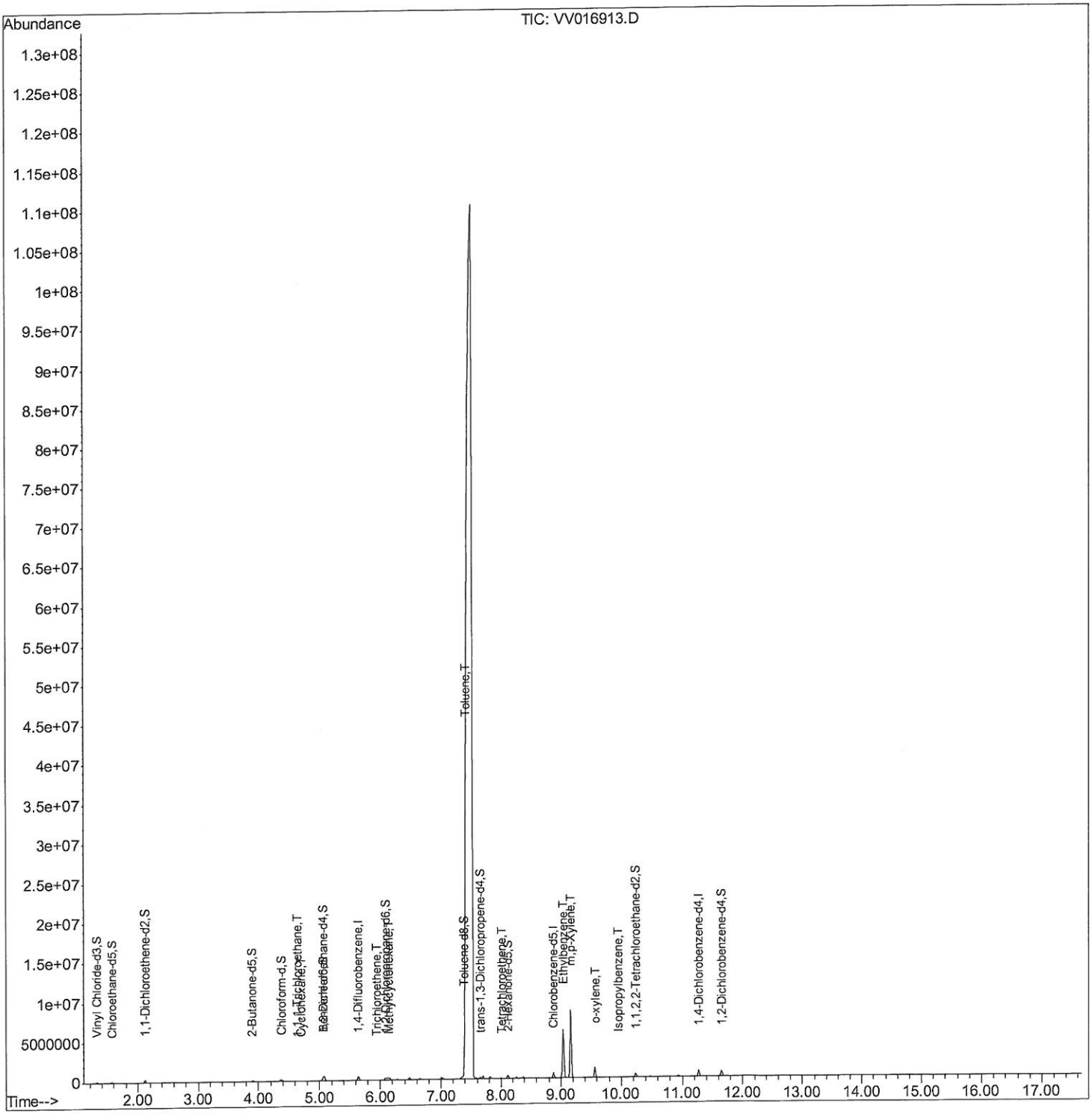
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 13 07:25:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E3YG9

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:21 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
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Operator : SY/MD
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Quant Time: Jun 13 06:17:19 2020
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Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
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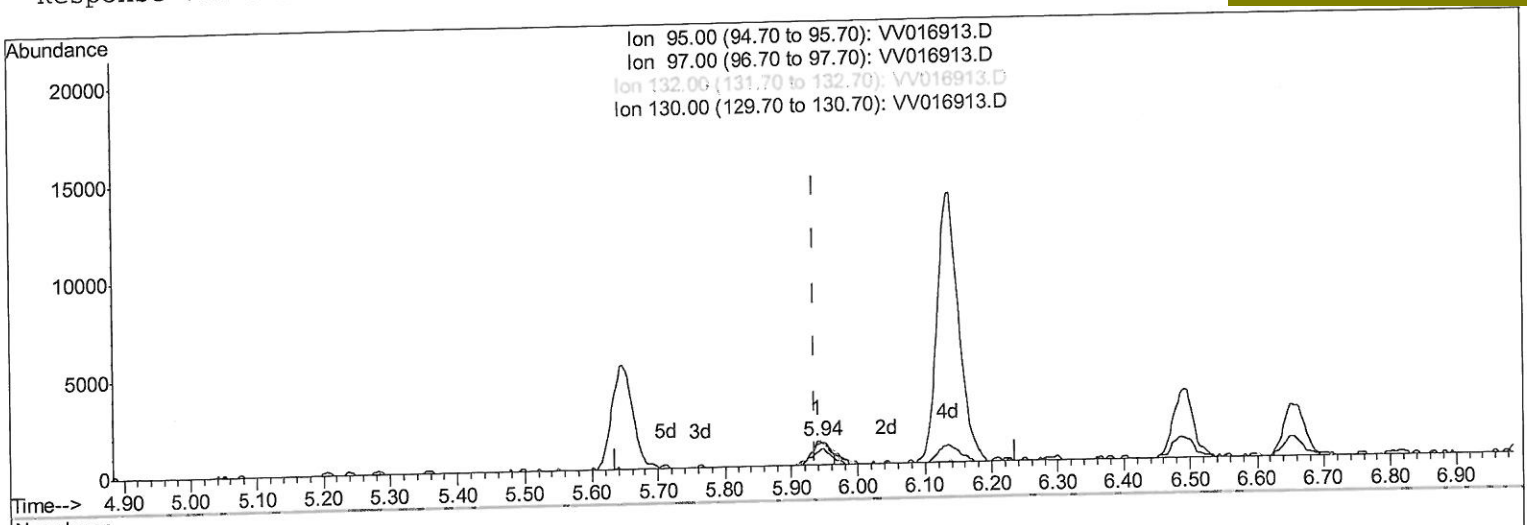
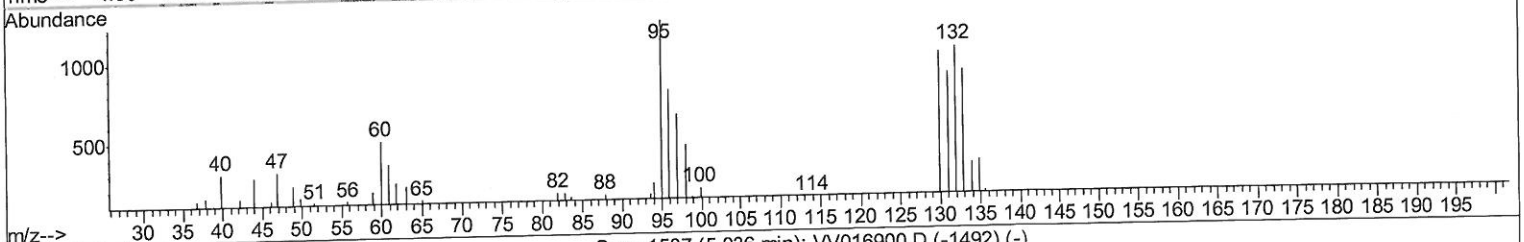
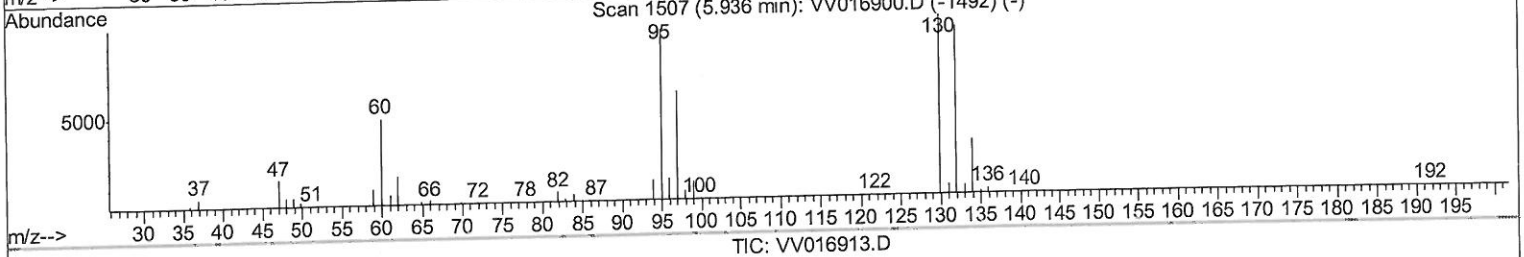




Scan 1507 (5.936 min): VV016900.D (-1492) (-)



TIC: VV016913.D

(34) Trichloroethene (T)

5.939min (+0.003) 0.82ug/L

response 2263

Ion	Exp%	Act%
95.00	100	100
97.00	63.30	51.39
132.00	97.00	83.77
130.00	103.20	80.98

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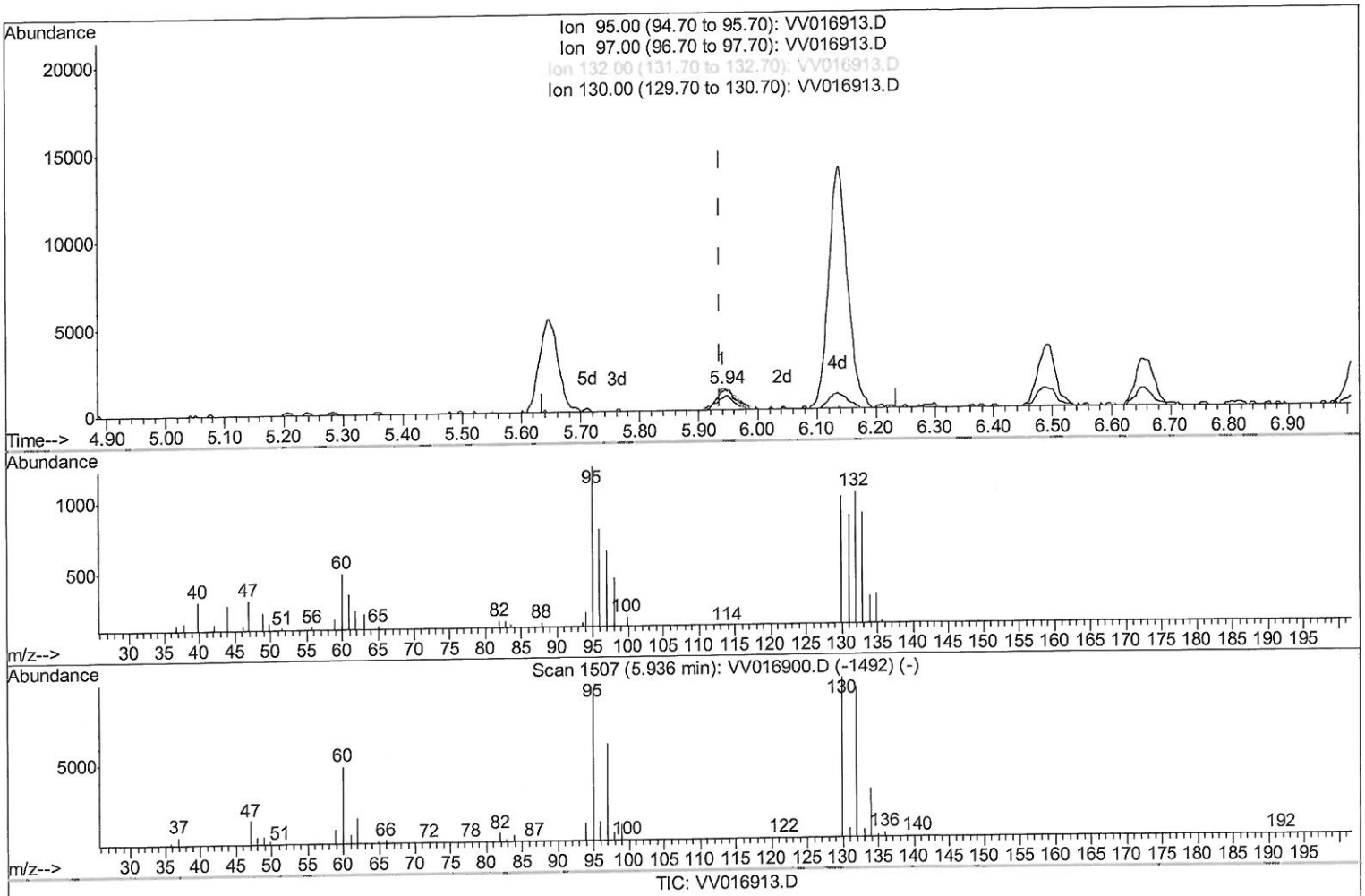
Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:21 PM



TIC: VV016913.D

(34) Trichloroethene (T)

5.939min (+0.003) 1.01ug/L m

response 2777

Ion	Exp%	Act%
95.00	100	100
97.00	63.30	51.39
132.00	97.00	83.77
130.00	103.20	80.98

SMD 06/15/20

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
MMDadoda
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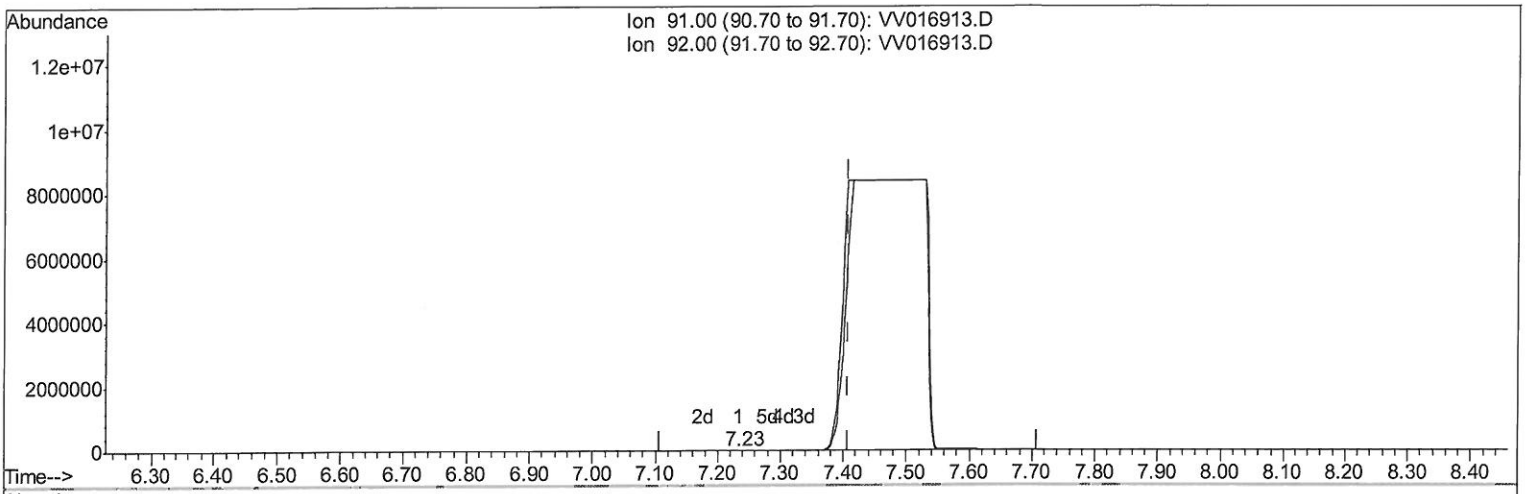

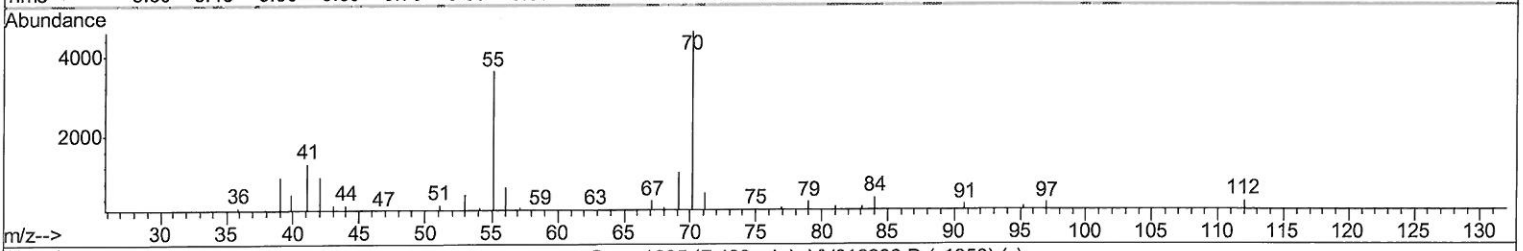

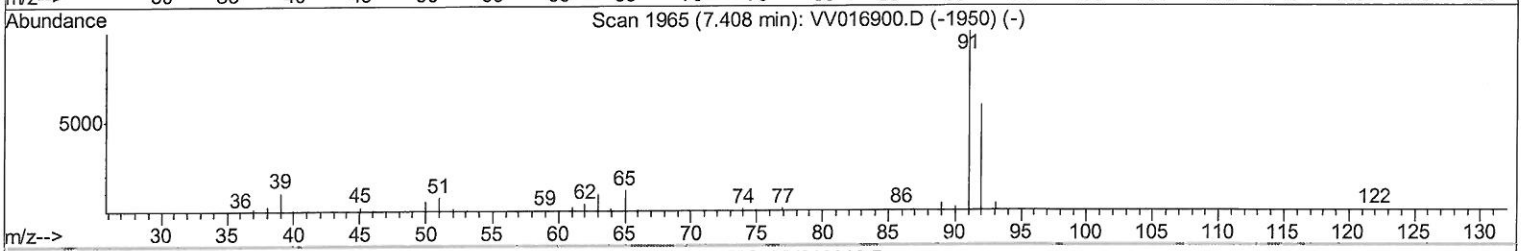

TIC: VV016913.D

(42) Toluene (T)

7.235min (-0.174) 0.02ug/L

response 199

Ion	Exp%	Act%
91.00	100	100
92.00	57.70	42.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
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Instrument :
MSVOA_V
ClientSampleId :
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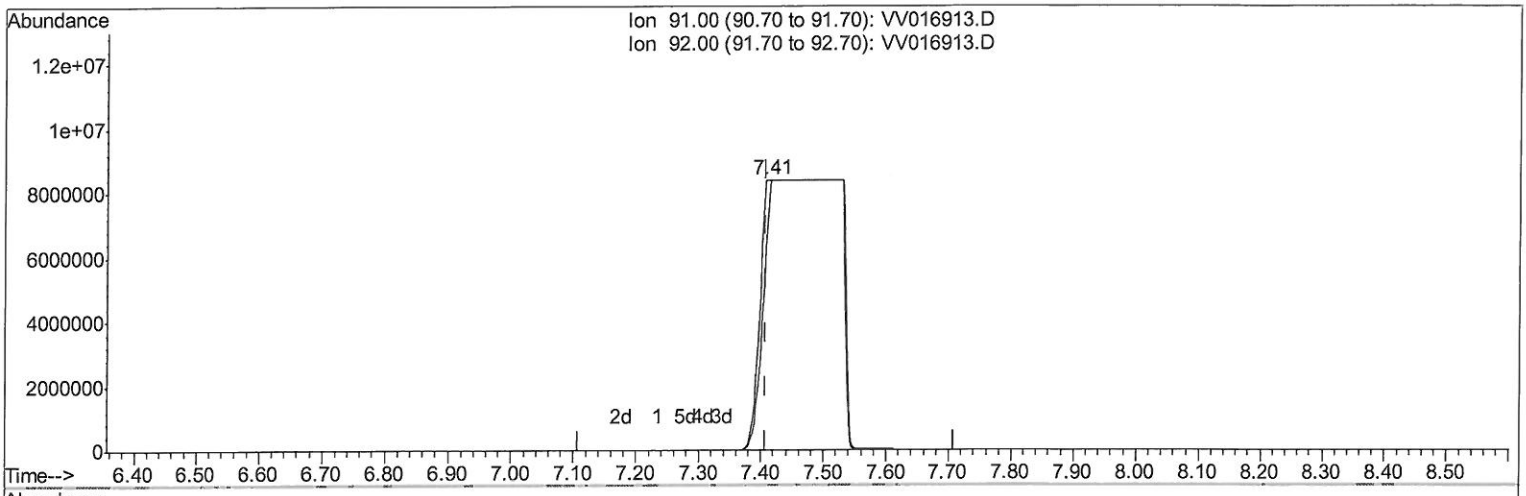
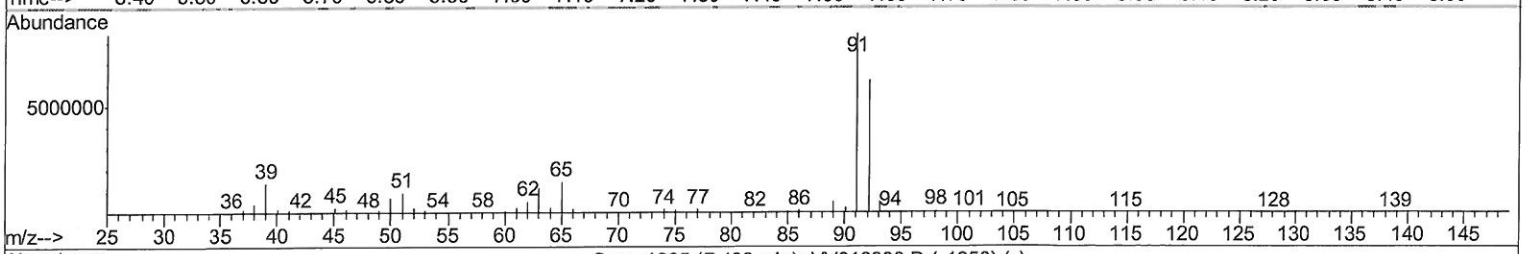
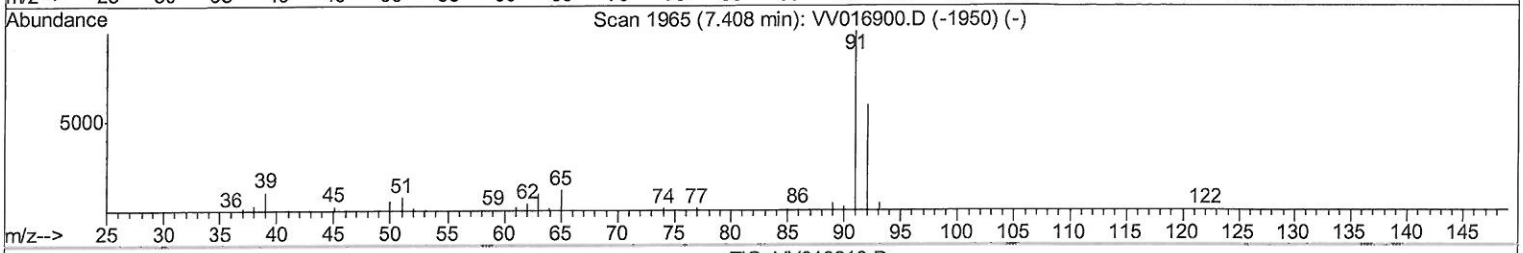
Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:21 PM







TIC: VV016913.D

(42) Toluene (T)

7.408min (-0.000) 6550.78ug/L m

response 70824482

SMD 06/15/20

Ion	Exp%	Act%
91.00	100	100
92.00	57.70	74.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
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Operator : SY/MD
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YG9

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:23:21 PM

Quant Time: Jun 13 07:25:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	367136	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	346633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186248	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	104777	40.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.90%			
7) Chloroethane-d5	1.57	69	65217	41.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.92%			
11) 1,1-Dichloroethene-d2	2.12	63	161796	37.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.38%			
21) 2-Butanone-d5	3.90	46	174544	91.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.03%			
24) Chloroform-d	4.37	84	228741	43.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.84%			
26) 1,2-Dichloroethane-d4	5.06	65	176545	49.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.54%			
32) Benzene-d6	5.08	84	437736	43.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.62%			
36) 1,2-Dichloropropane-d6	6.10	67	136021	43.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.34%			
41) Toluene-d8	7.38	98	417295	45.51	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.02%			
43) trans-1,3-Dichloropropene-	7.66	79	70556	43.49	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.98%			
47) 2-Hexanone-d5	8.11	63	117652	86.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.64%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176470	42.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	181536	45.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.34%			

Target Compounds						Qvalue
29) Cyclohexane	4.70	56	3586	0.833	ug/L #	84
30) 1,1,1-Trichloroethane	4.63	97	16565	3.747	ug/L	96
34) Trichloroethene	5.94	95	2777m	1.010	ug/L	
35) Methylcyclohexane	6.16	83	91625	21.234	ug/L #	75
42) Toluene	7.41	91	70824482m	6550.776	ug/L	
46) Tetrachloroethene	8.01	164	11473	5.304	ug/L	95
52) Ethylbenzene	9.04	91	4164896	347.791	ug/L	99
53) m,p-Xylene	9.16	106	2248013	504.177	ug/L	98
54) o-xylene	9.57	106	310778	70.672	ug/L	97
56) Isopropylbenzene	9.95	105	25266	2.138	ug/L	98

MD 06/15/20

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