Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\

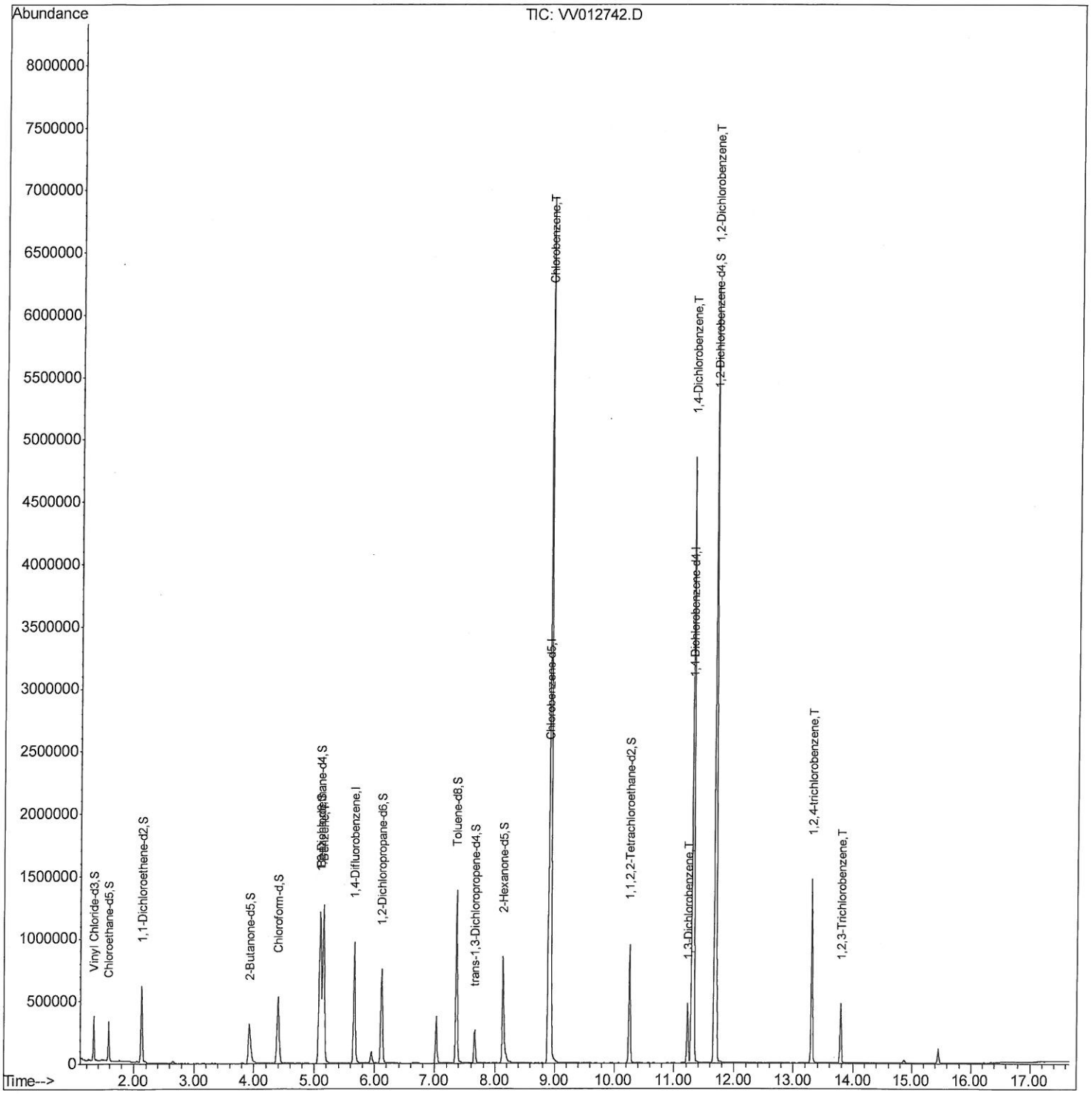
Quantitation Report (QT/LSC Reviewed)

Data File : VV012742.D
Acq On : 13 Sep 2019 21:57
Operator : SY/MD
Sample : K4707-04 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 14 01:50:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5

Manual Integrations APPROVED
MMDadoda
9/16/2019 1:22:29 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\

Quantitation Report (Qedit)

Data File : VV012742.D
Acq On : 13 Sep 2019 21:57
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 14 00:23:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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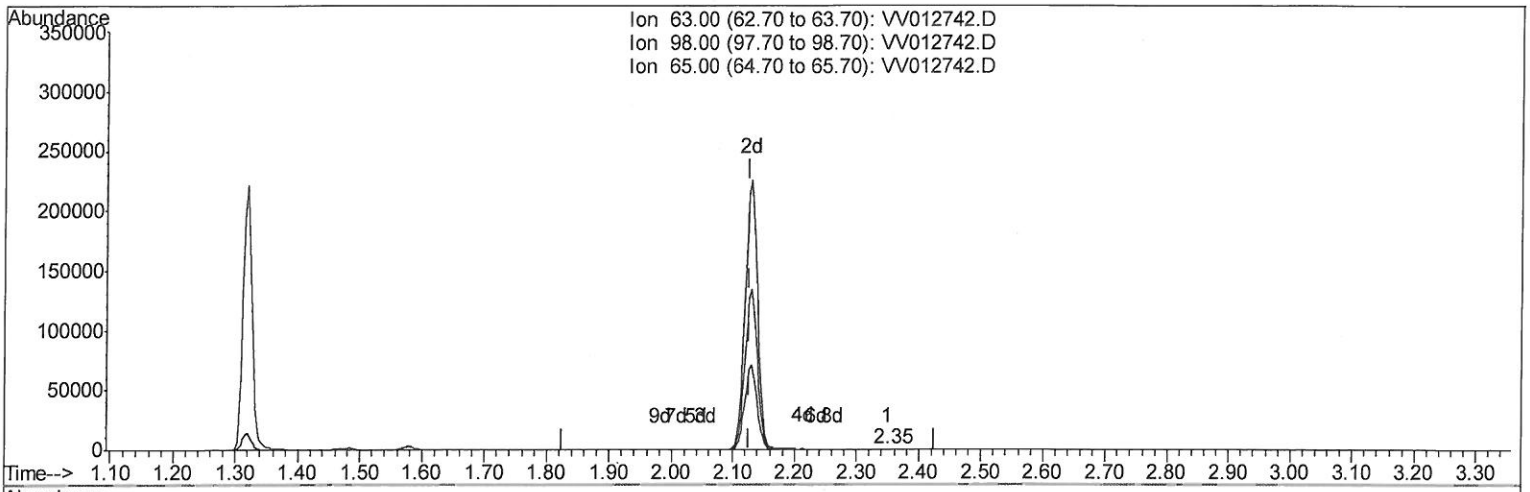
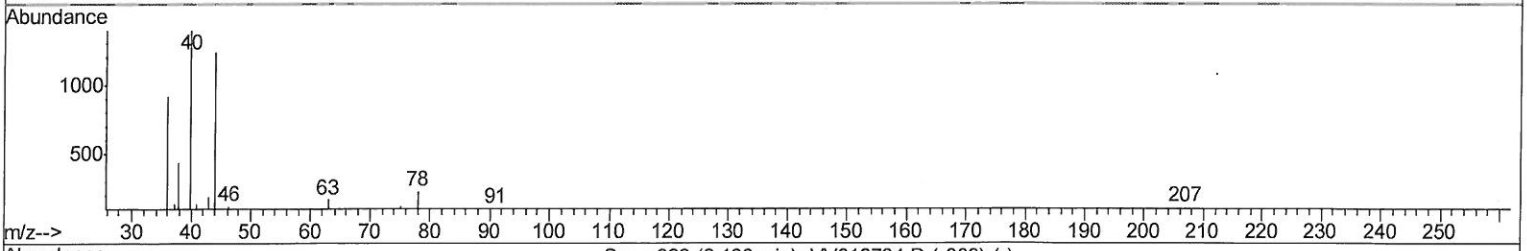
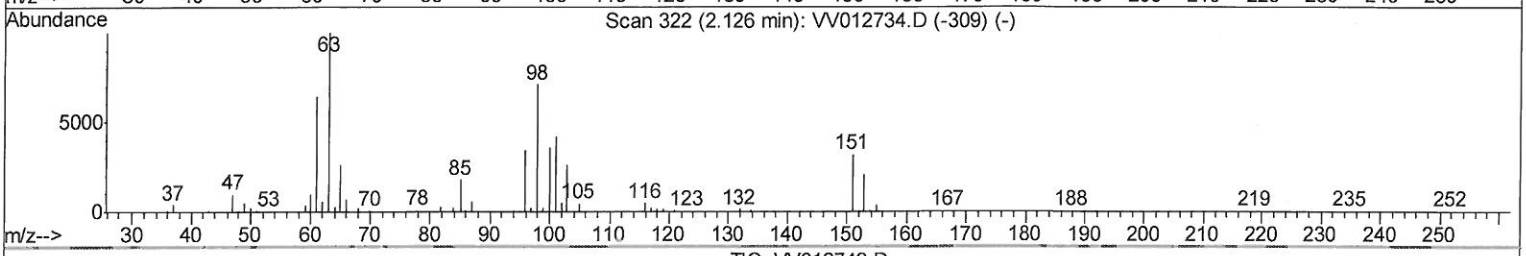
Manual Integrations APPROVED
MMDadoda
9/16/2019 1:22:29 PM







TIC: VV012742.D

(11) 1,1-Dichloroethene-d2 (S)

2.351min (+0.225) 0.02ug/L

response 141

Ion	Exp%	Act%
63.00	100	100
98.00	76.90	68.09
65.00	23.90	28.37
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\

Quantitation Report (Qedit)

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Acq On : 13 Sep 2019 21:57
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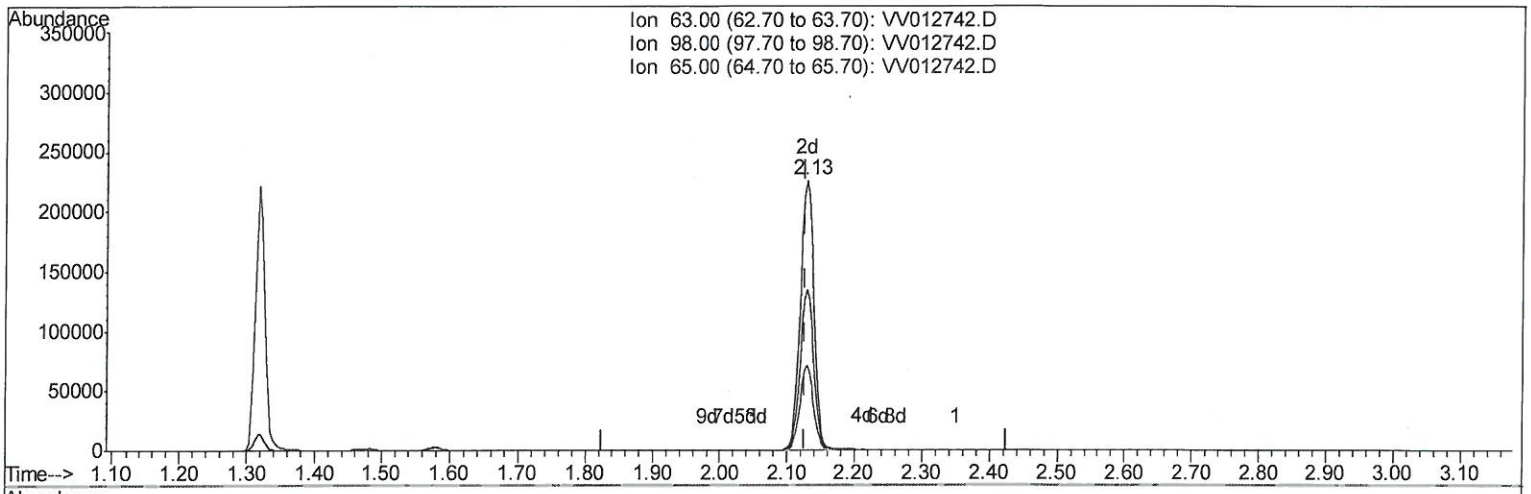
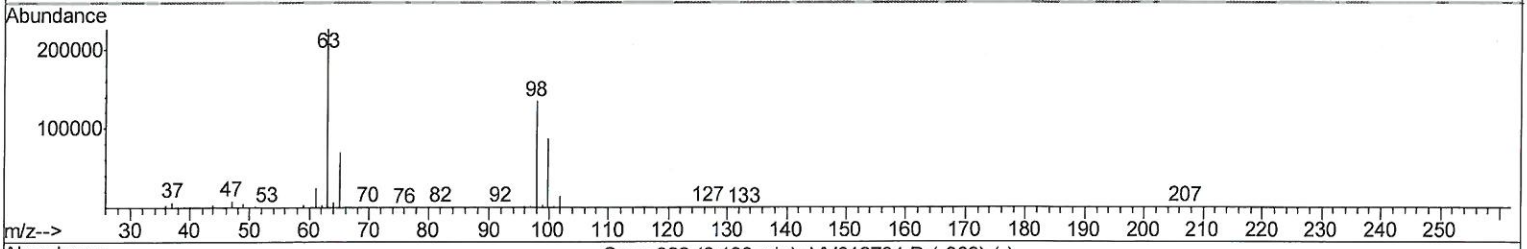
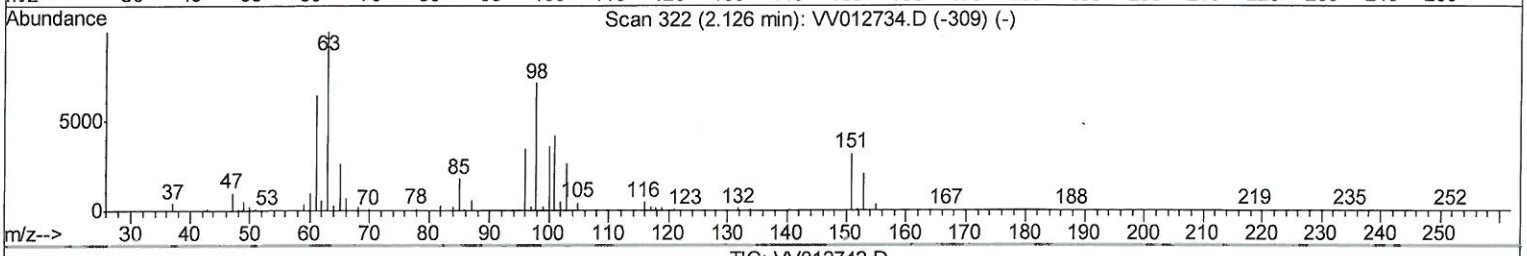
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5

Manual Integrations APPROVED
MMDadoda
9/16/2019 1:22:29 PM







TIC: VV012742.D

(11) 1,1-Dichloroethene-d2 (S)

2.129min (+0.003) 34.60ug/L m

response 314588

Ion	Exp%	Act%
63.00	100	100
98.00	76.90	0.03#
65.00	23.90	0.01#
0.00	0.00	0.00

MD 9/13/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\

Quantitation Report (QT/LSC Reviewed)

Data File : VV012742.D
Acq On : 13 Sep 2019 21:57
Operator : SY/MD
Sample : K4707-04 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5

Manual Integrations APPROVED
MMDadoda
9/16/2019 1:22:29 PM

Quant Time: Sep 14 01:50:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	824694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	781841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342136	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	215366	46.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.16%			
7) Chloroethane-d5	1.58	69	202649	48.45	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.90%			
11) 1,1-Dichloroethene-d2	2.13	63	314588m	34.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.20%			
21) 2-Butanone-d5	3.92	46	477253	98.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.46%			
24) Chloroform-d	4.40	84	533225	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.08%			
26) 1,2-Dichloroethane-d4	5.08	65	344436	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.06%			
32) Benzene-d6	5.10	84	1018537	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.64%			
36) 1,2-Dichloropropane-d6	6.12	67	364637	49.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.06%			
41) Toluene-d8	7.36	98	898967	47.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.66	79	145901	47.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.14%			
47) 2-Hexanone-d5	8.13	63	277769	98.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	454162	48.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.44%			
64) 1,2-Dichlorobenzene-d4	11.67	152	411210	52.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.32%			
Target Compounds						Qvalue
33) Benzene	5.14	78	1260889	59.290	ug/L	100
51) Chlorobenzene	8.92	112	3626187	239.649	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	191707	18.141	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	1854371	171.065	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	2359921	212.386	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	451835	68.497	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	147940	20.660	ug/L	97

MD 9/30/19

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