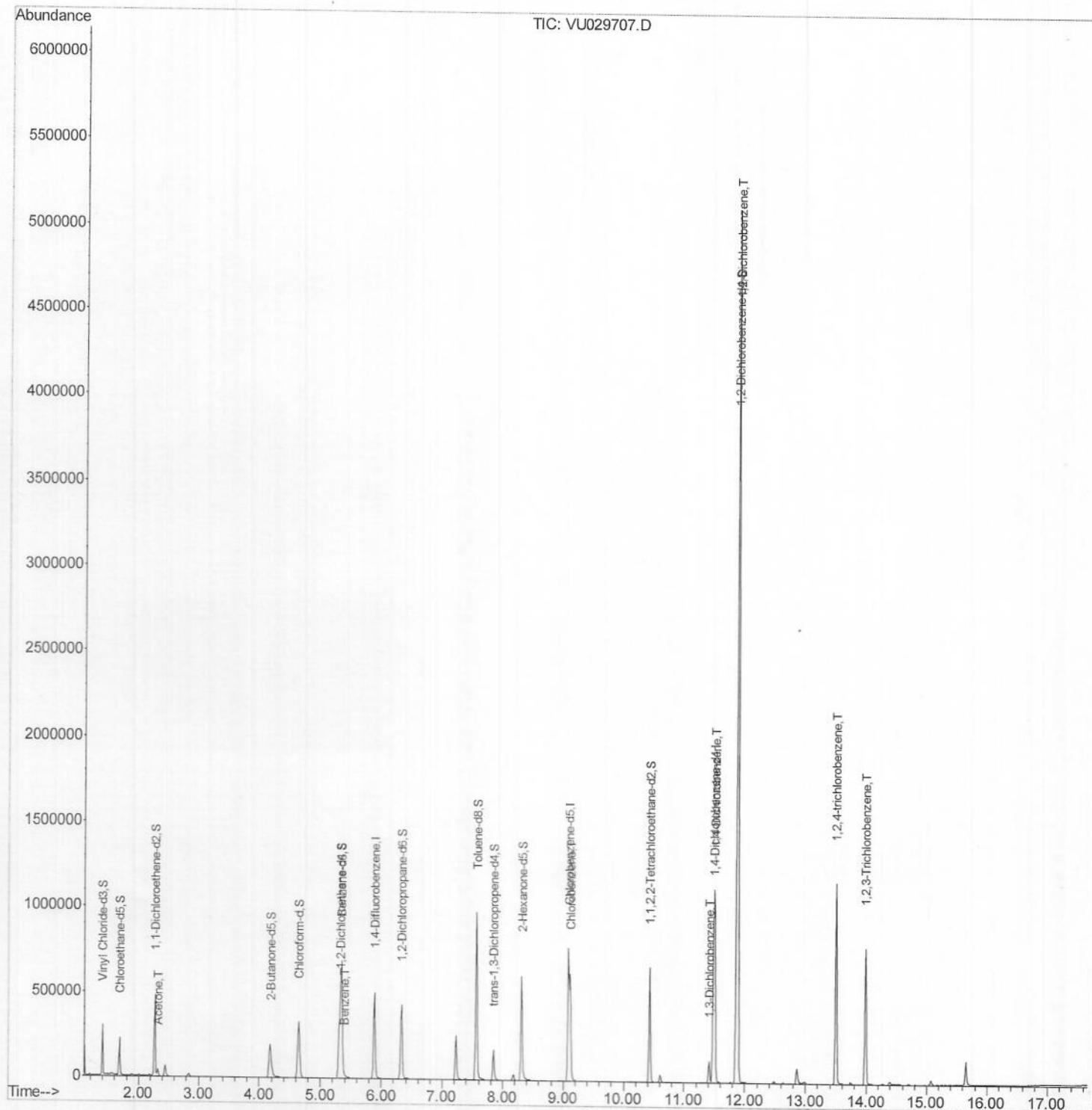


Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\
Quantitation Report (QT/LSC Reviewed)

Data File : VU029707.D
Acq On : 27 Feb 2019 16:07
Operator : JC/SP
Sample : K1623-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 28 04:29:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Qedit)

Data File : VU029707.D

Acq On : 27 Feb 2019 16:07

Operator : JC/SP

Sample : K1623-01

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 30 Sample Multiplier: 1

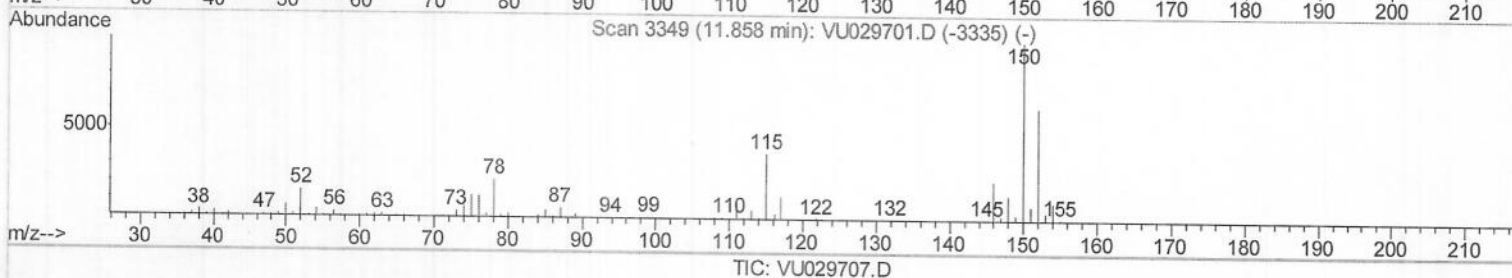
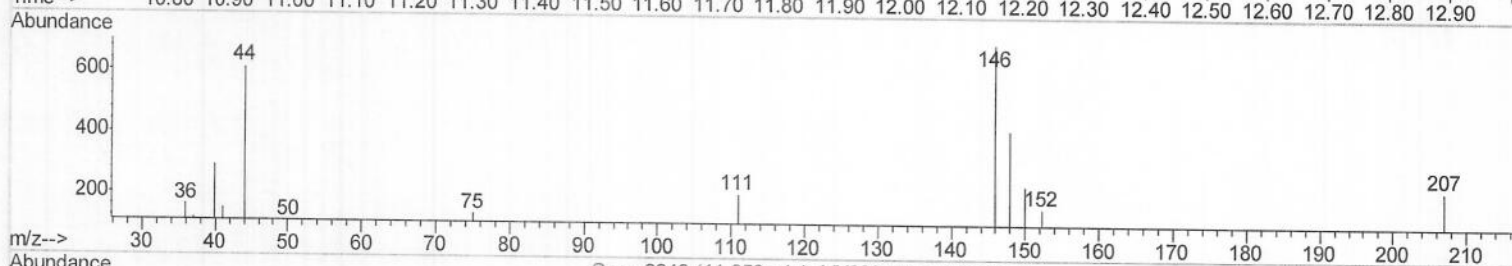
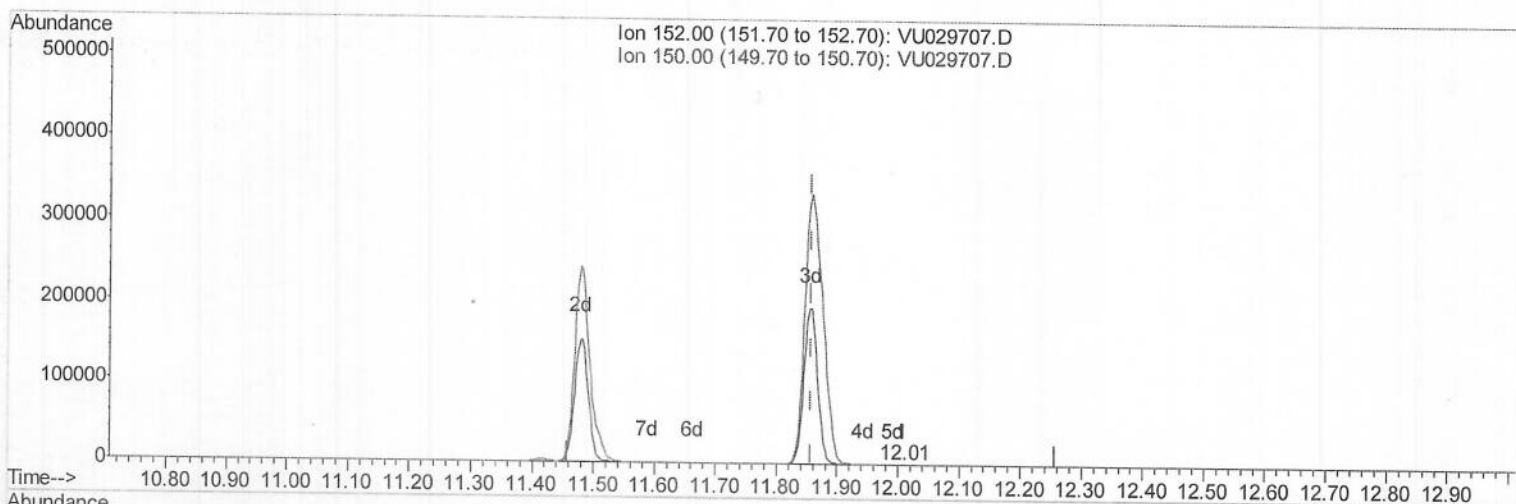
Quant Time: Feb 28 02:00:06 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Feb 28 00:50:18 2019

Response via : Initial Calibration



(64) 1,2-Dichlorobenzene-d4 (S)

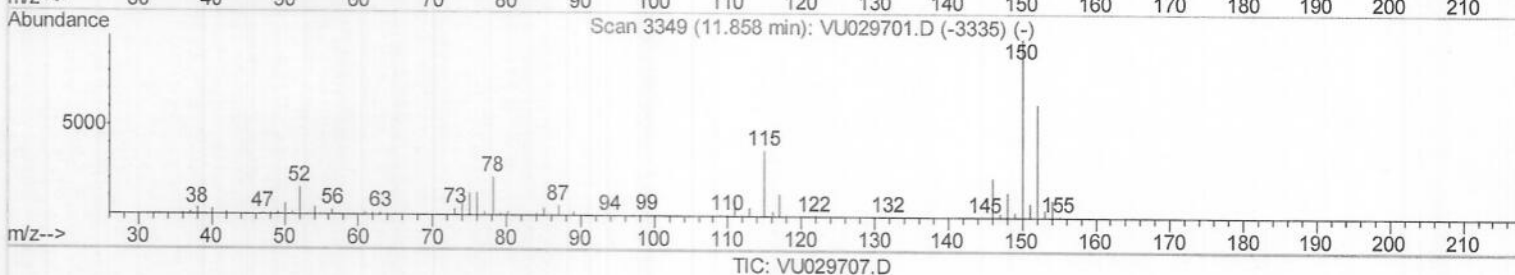
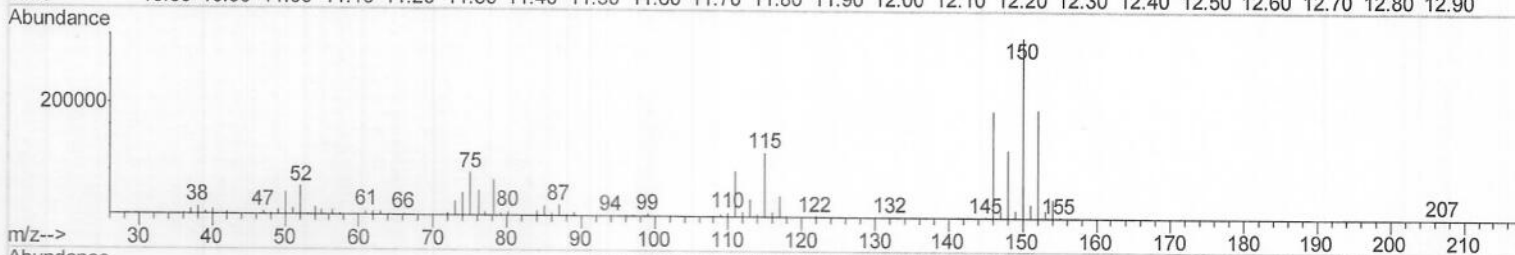
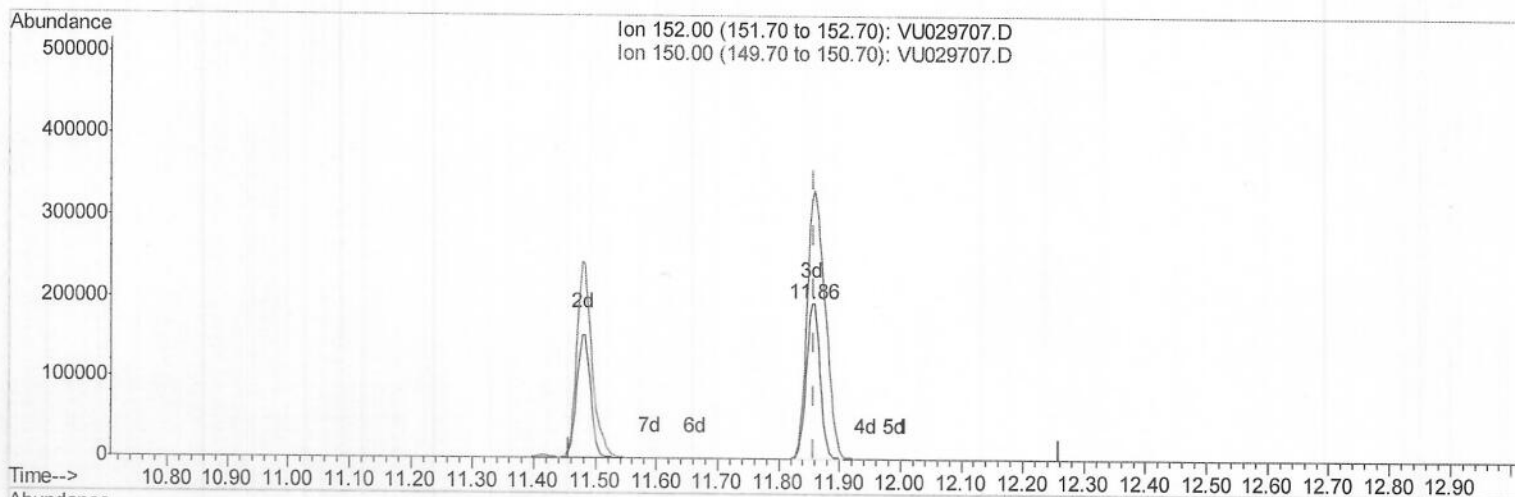
12.006min (+0.148) 0.02ug/L

response 80

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	140.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VU029707.D
Acq On : 27 Feb 2019 16:07
Operator : JC/SP
Sample : K1623-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 28 02:00:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration



(64) 1,2-Dichlorobenzene-d4 (S)

11.855min (-0.003) 59.69ug/L m

response 307022

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
02/28/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU029707.D

Acq On : 27 Feb 2019 16:07

Operator : JC/SP

Sample : K1623-01

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 28 04:29:23 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Feb 28 00:50:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449959	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185097	54.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	109.22%		
7) Chloroethane-d5	1.68	69	158667	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.32%		
11) 1,1-Dichloroethene-d2	2.27	63	264178	39.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.76%		
21) 2-Butanone-d5	4.17	46	273519	132.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	132.61%#		
24) Chloroform-d	4.64	84	333858	60.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.46%		
26) 1,2-Dichloroethane-d4	5.31	65	211313	60.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.44%		
32) Benzene-d6	5.34	84	727733	64.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	128.54%#		
36) 1,2-Dichloropropane-d6	6.33	67	222055	65.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	130.38%#		
41) Toluene-d8	7.56	98	692295	59.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.84%		
43) trans-1,3-Dichloropropene-	7.85	79	104416	57.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	115.58%		
47) 2-Hexanone-d5	8.31	63	229713	121.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.10%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332567	57.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.56%		
64) 1,2-Dichlorobenzene-d4	11.86	152	307022m	59.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.38%		

Target Compounds

					Qvalue
13) Acetone	2.32	43	36512	16.567	ug/L 100
33) Benzene	5.39	78	18318	1.588	ug/L 100
51) Chlorobenzene	9.12	112	351830	37.574	ug/L 98
62) 1,3-Dichlorobenzene	11.41	146	51606	6.781	ug/L 97
63) 1,4-Dichlorobenzene	11.50	146	454084	59.294	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	2122388	267.181	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	385200	76.692	ug/L 98
70) 1,2,3-Trichlorobenzene	13.98	180	265184	49.718	ug/L 99

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

M.D
02/28/19