

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Quantitation Report (QT Reviewed)

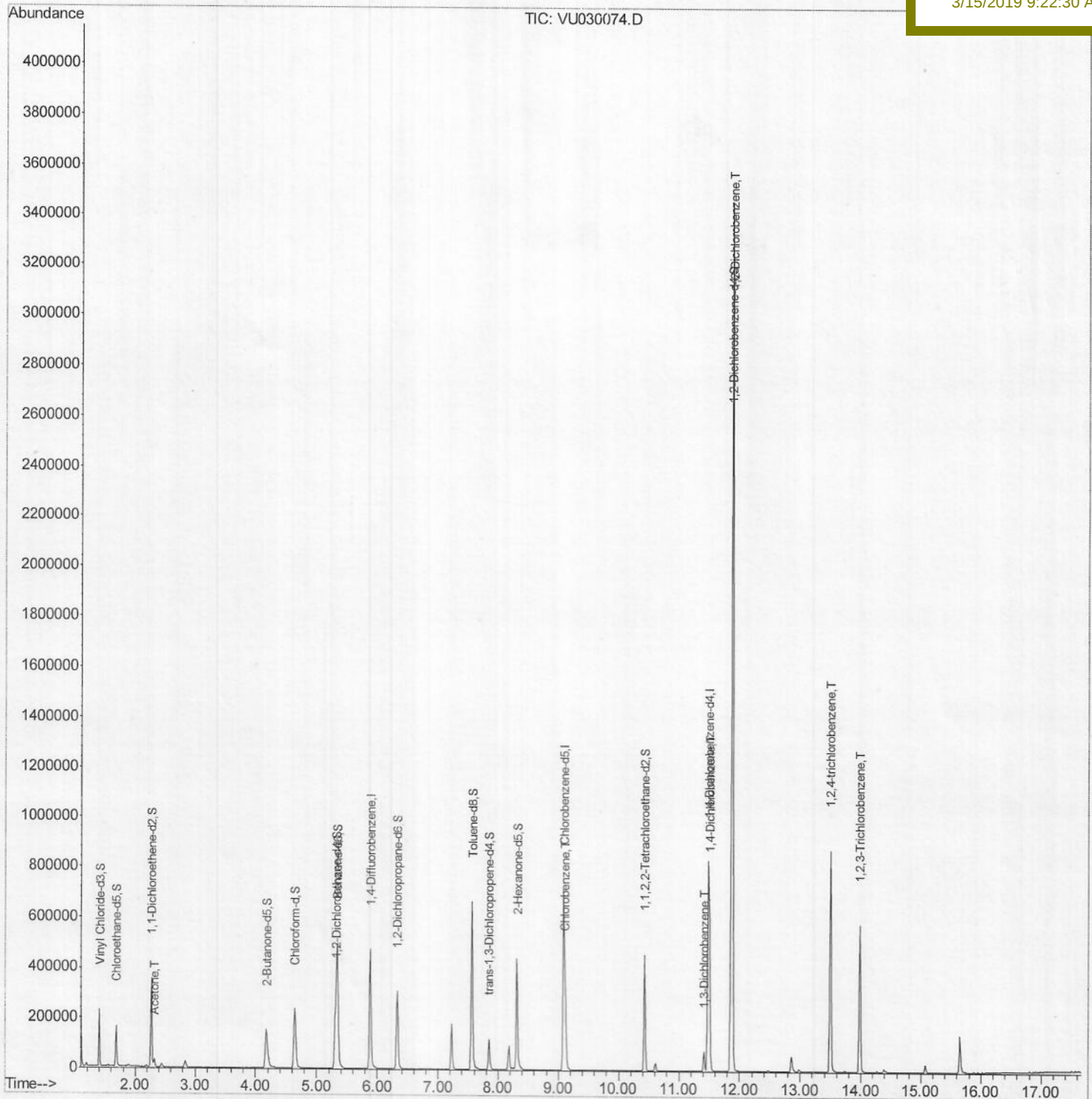
Data File : VU030074.D
Acq On : 14 Mar 2019 15:10
Operator : JC/SP
Sample : K1859-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 15 02:38:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0BQ5

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:22:30 AM



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Quantitation Report (Qedit)

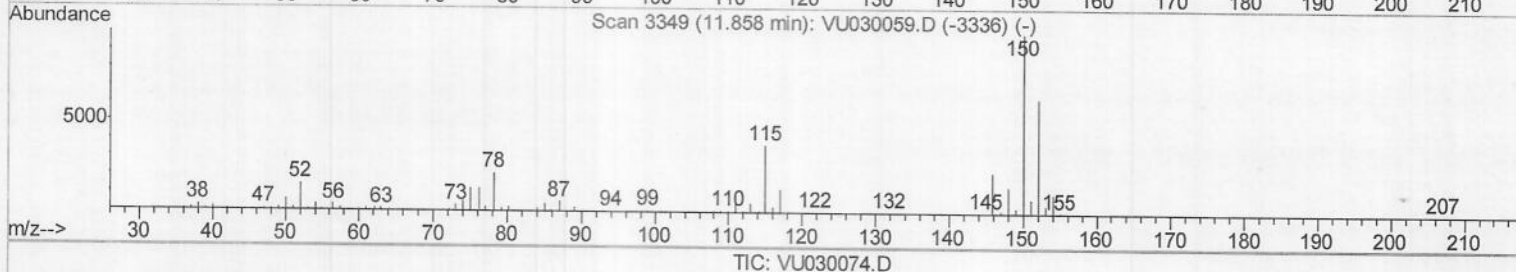
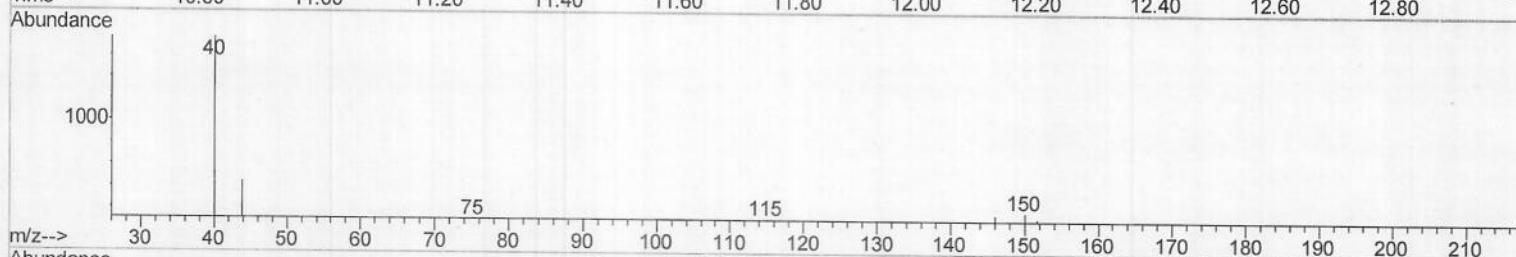
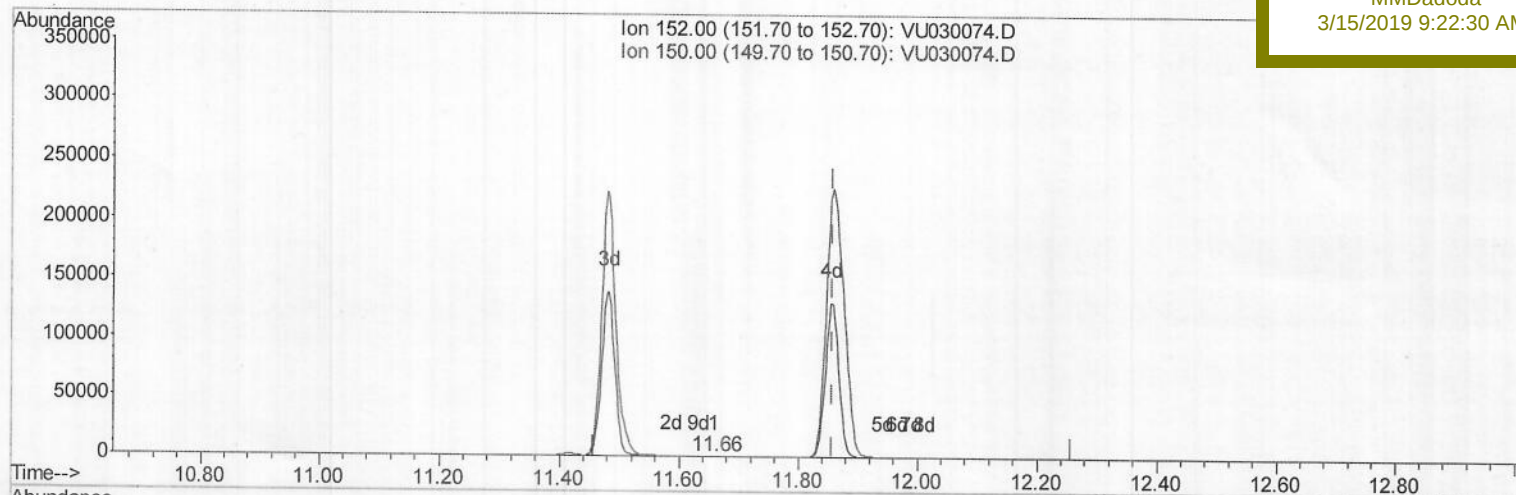
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(64) 1,2-Dichlorobenzene-d4 (S)

11.659min (-0.199) 0.02ug/L

response 70

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	124.29
0.00	0.00	0.00
0.00	0.00	0.00

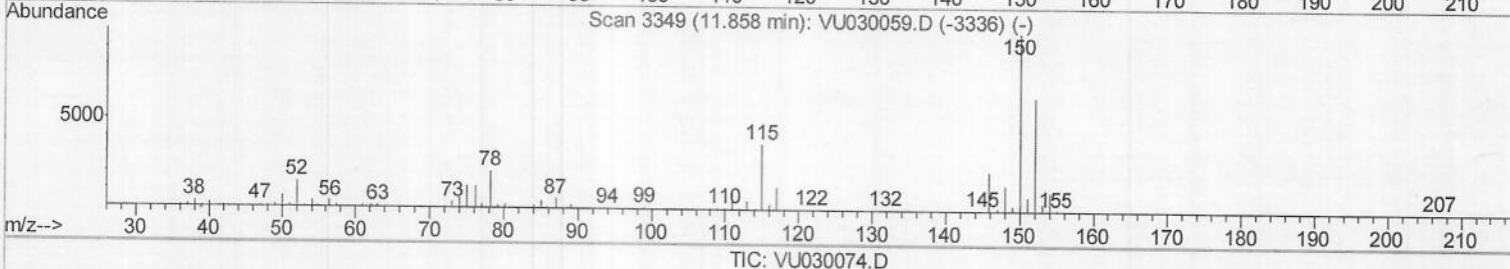
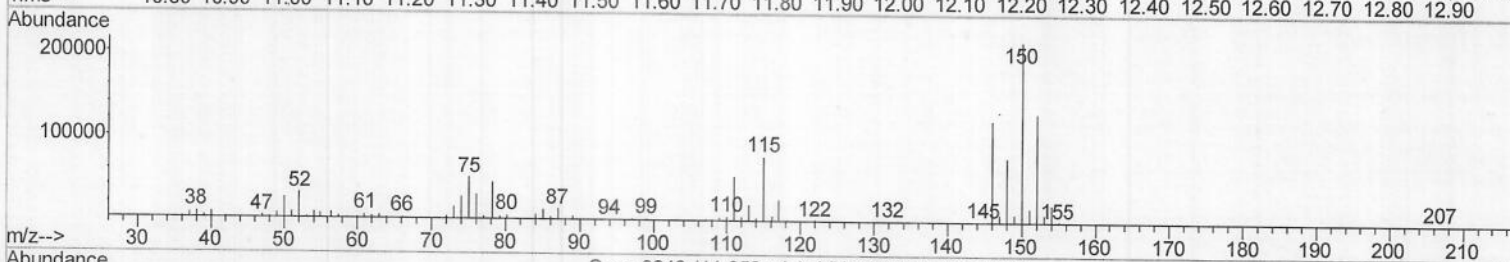
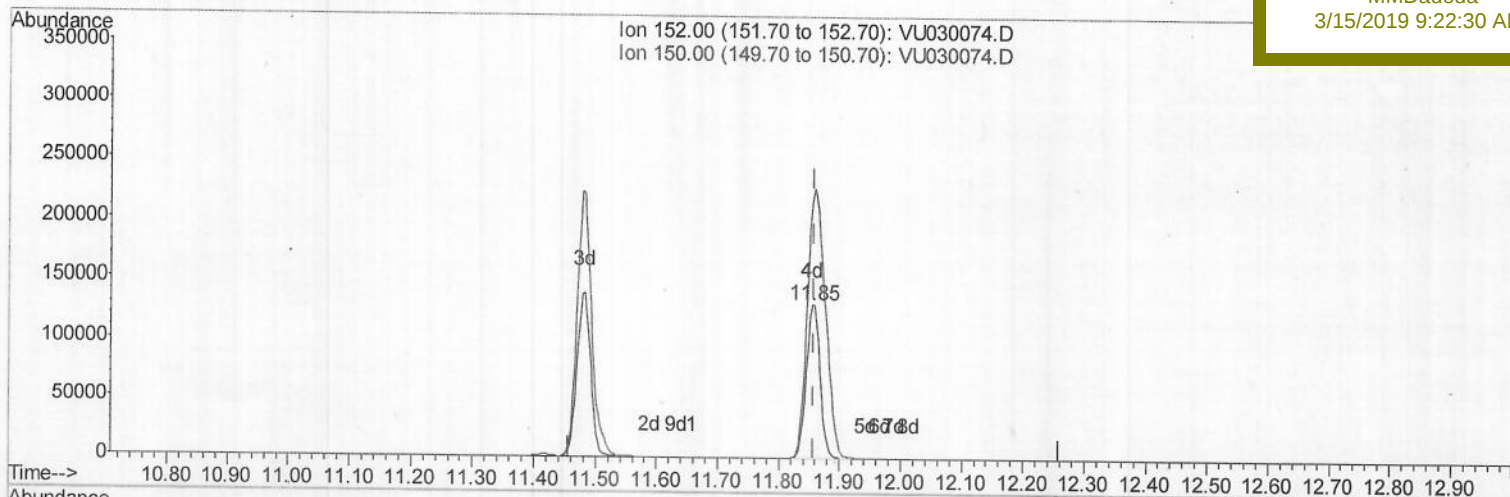
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Manual Integrations
APPROVED

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3/15/2019 9:22:30 AM



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

11.855min (-0.003) 49.22ug/L m

response 207636

Ion	Exp%	Act%
152.00	100	100
150.00	173.80	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
03/20/19

TIC: VU030074.D

Data File : VU030074.D
Acq On : 14 Mar 2019 15:10
Operator : JC/SP
Sample : K1859-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
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Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:22:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143330	48.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.66%		
7) Chloroethane-d5	1.68	69	117837	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.44%		
11) 1,1-Dichloroethene-d2	2.27	63	194062	36.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.50%		
21) 2-Butanone-d5	4.17	46	201043	90.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.48%		
24) Chloroform-d	4.65	84	245592	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.34%		
26) 1,2-Dichloroethane-d4	5.31	65	146831	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.56%		
32) Benzene-d6	5.34	84	536641	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.10%		
36) 1,2-Dichloropropane-d6	6.33	67	167475	49.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.00%		
41) Toluene-d8	7.56	98	487294	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.18%		
43) trans-1,3-Dichloropropene-	7.85	79	75747	45.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.50%		
47) 2-Hexanone-d5	8.31	63	170298	89.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.04%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	237328	45.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.36%		
64) 1,2-Dichlorobenzene-d4	11.85	152	207636m	49.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.44%		

M.D
03/20/19

Target Compounds

					Qvalue
13) Acetone	2.32	43	29564	11.380	ug/L 100
51) Chlorobenzene	9.12	112	200632	22.046	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	33720	4.795	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	270871	37.882	ug/L 97
65) 1,2-Dichlorobenzene	11.87	146	1433871	202.571	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	297537	59.595	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	201502	38.850	ug/L 97

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