

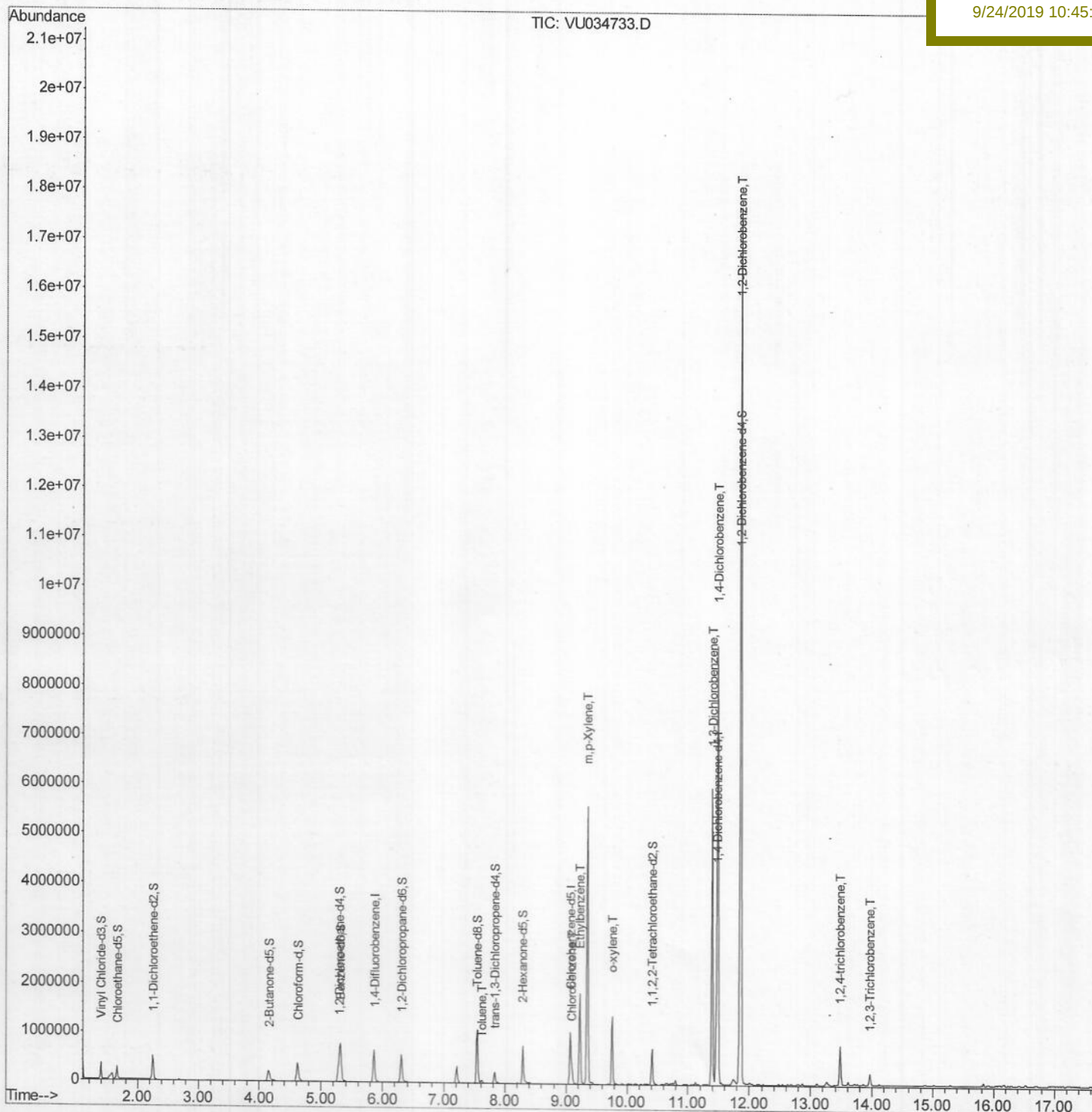
Data File : VU034733.D
Acq On : 23 Sep 2019 15:06
Operator : JC/SP
Sample : K4982-04 10X
Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 02:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 01:52:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AT5

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:45:44 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

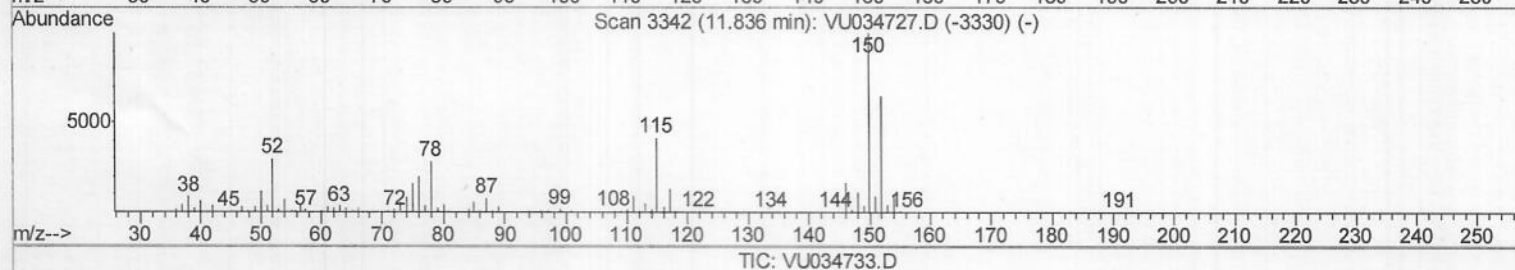
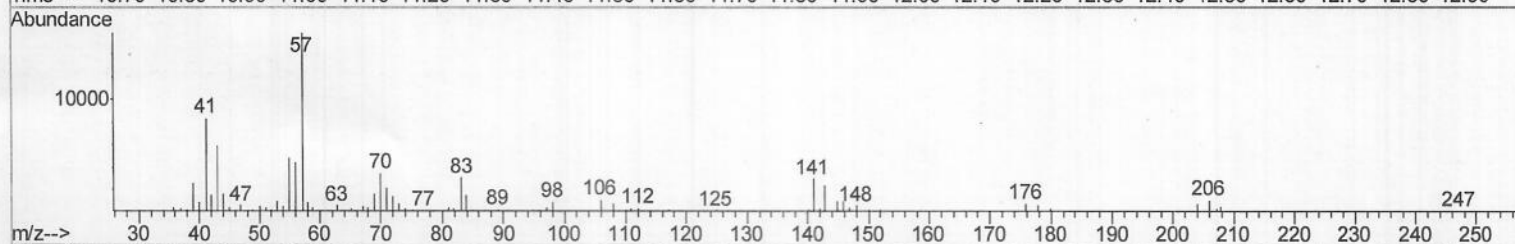
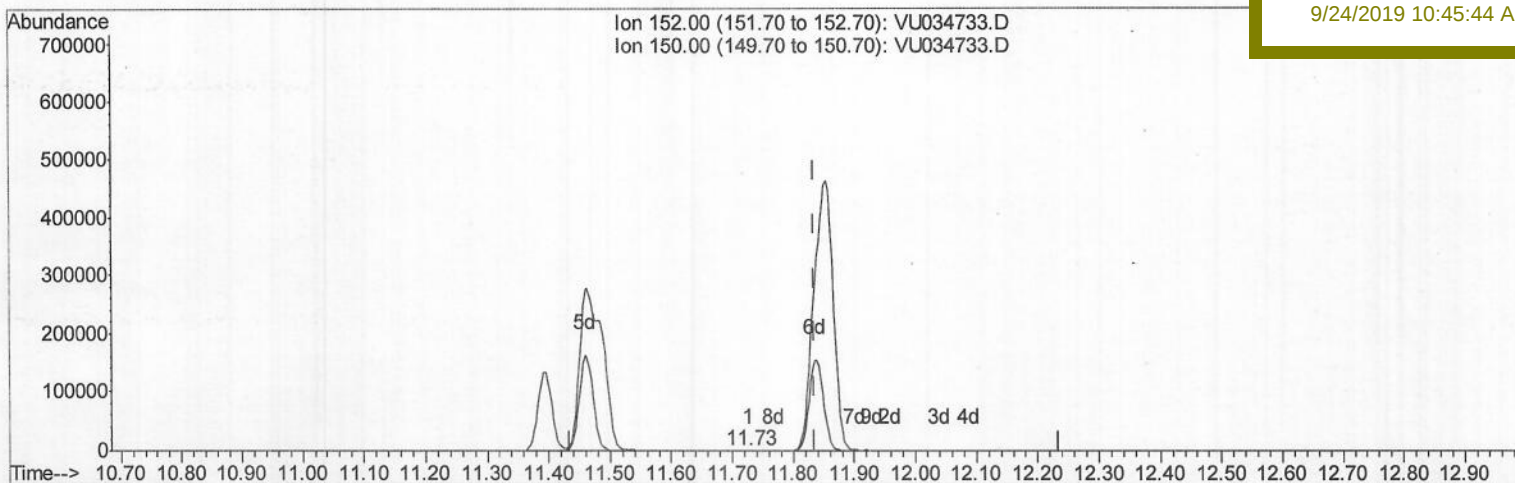
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(64) 1,2-Dichlorobenzene-d4 (S)

11.726min (-0.109) 0.03ug/L

response 142

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	165.49
0.00	0.00	0.00
0.00	0.00	0.00

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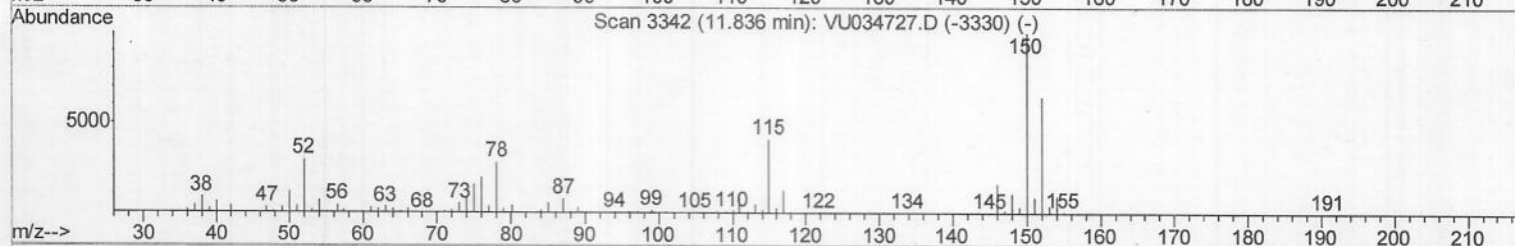
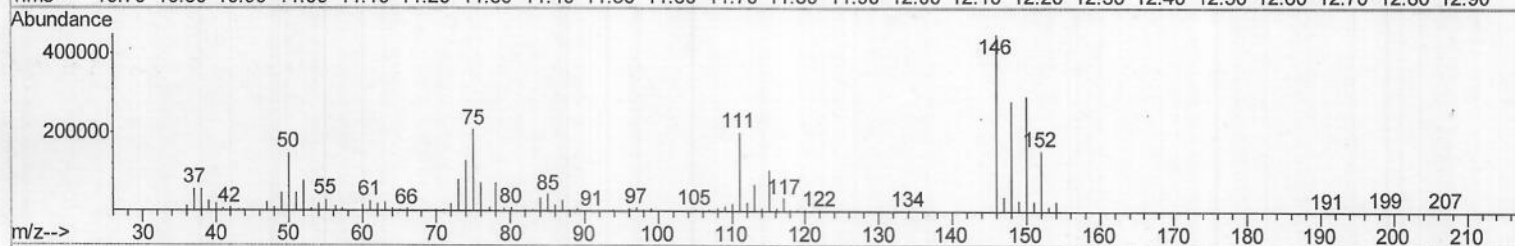
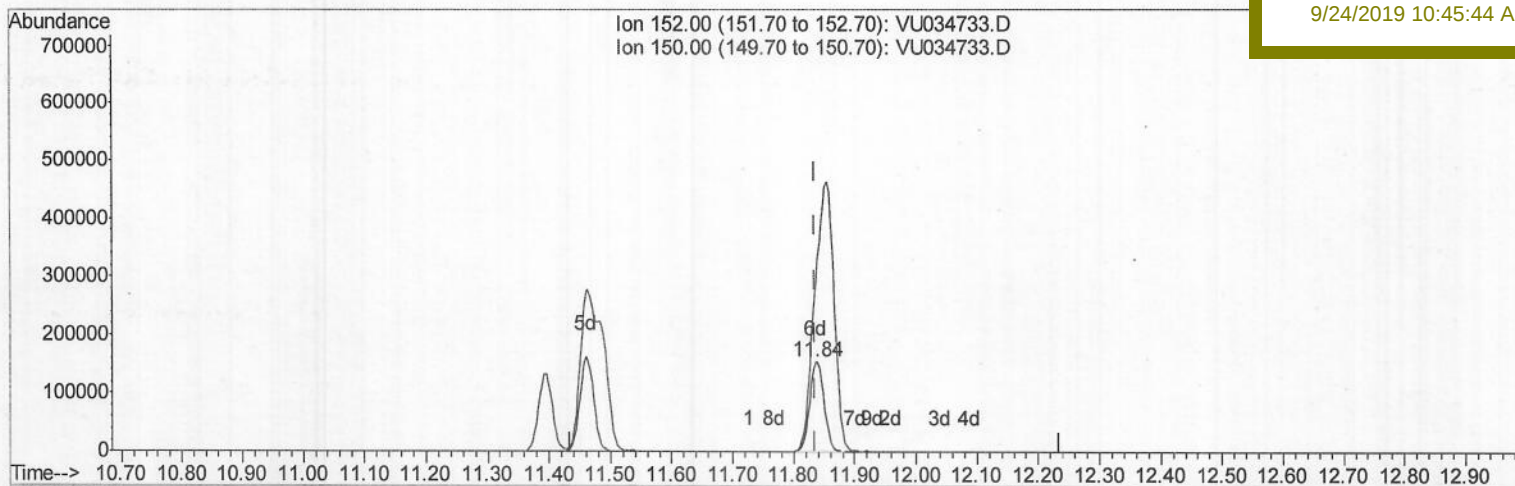
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Manual Integrations
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QLast Update : Tue Sep 24 01:52:59 2019
Response via : Initial Calibration



TIC: VU034733.D

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

11.836min (+0.000) 47.87ug/L m

response 256209

Ion	Exp%	Act%
152.00	100	100
150.00	171.70	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

> M.D 09/25/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (QT Reviewed)

Data File : VU034733.D

Acq On : 23 Sep 2019 15:06

Operator : JC/SP

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Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH

ALS Vial : 9 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

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Instrument :

MSVOA_U

ClientSampleId :

C0AT5

Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:45:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	498848	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	486527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	255234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213218	41.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.50%		
7) Chloroethane-d5	1.66	69	165598	41.96	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.92%		
11) 1,1-Dichloroethene-d2	2.25	63	287811	33.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.56%		
21) 2-Butanone-d5	4.15	46	362057	92.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.50%		
24) Chloroform-d	4.62	84	329765	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.84%		
26) 1,2-Dichloroethane-d4	5.28	65	253217	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.80%		
32) Benzene-d6	5.32	84	709277	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.06%		
36) 1,2-Dichloropropane-d6	6.31	67	248264	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.20%		
41) Toluene-d8	7.54	98	688932	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.04%		
43) trans-1,3-Dichloropropene-	7.83	79	118334	46.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.76%		
47) 2-Hexanone-d5	8.29	63	253305	95.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.68%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340927	46.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.24%		
64) 1,2-Dichlorobenzene-d4	11.84	152	256209m	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.74%		

Target Compounds

					Qvalue
42) Toluene	7.62	91	36750	2.015	ug/L 89
51) Chlorobenzene	9.10	112	142814	12.883	ug/L 97
52) Ethylbenzene	9.23	91	1229226	59.859	ug/L 99
53) m,p-Xylene	9.35	106	1406132	193.322	ug/L 99
54) o-xylene	9.76	106	334111	46.442	ug/L 97
62) 1,3-Dichlorobenzene	11.40	146	2079329	235.246	ug/L 96
63) 1,4-Dichlorobenzene	11.49	146	2995994	332.738	ug/L 97
65) 1,2-Dichlorobenzene	11.86	146	5991638	670.887	ug/L 98
68) 1,2,4-trichlorobenzene	13.48	180	221782	47.622	ug/L 98
70) 1,2,3-Trichlorobenzene	13.97	180	69513	14.506	ug/L 97

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