

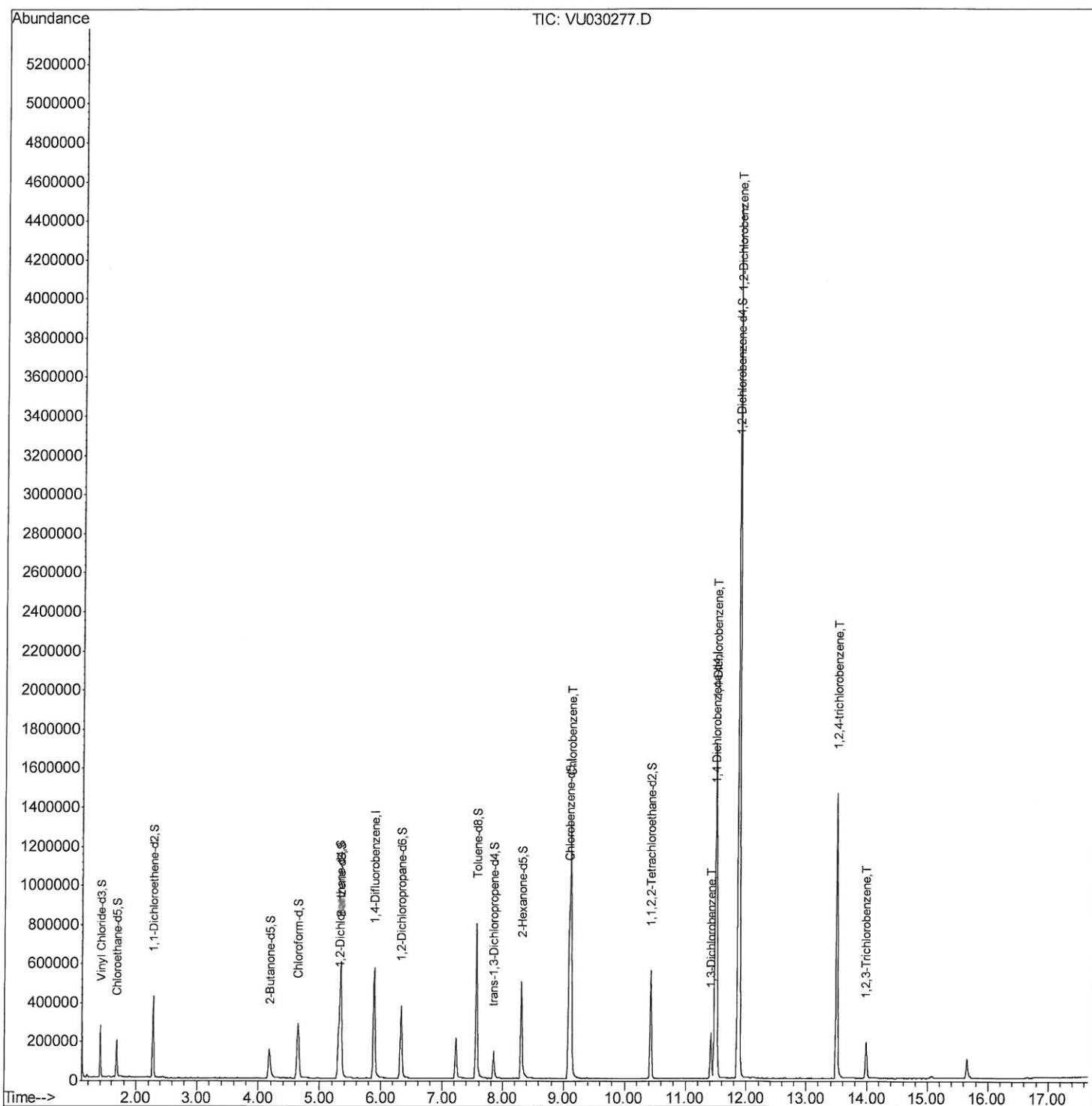
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032119\
Data File : VU030277.D
Acq On : 21 Mar 2019 19:44
Operator : JC/SP
Sample : K2022-08DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Manual Integrations
APPROVED

MMDadoda
3/22/2019 1:34:06 PM

Quant Time: Mar 22 13:27:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

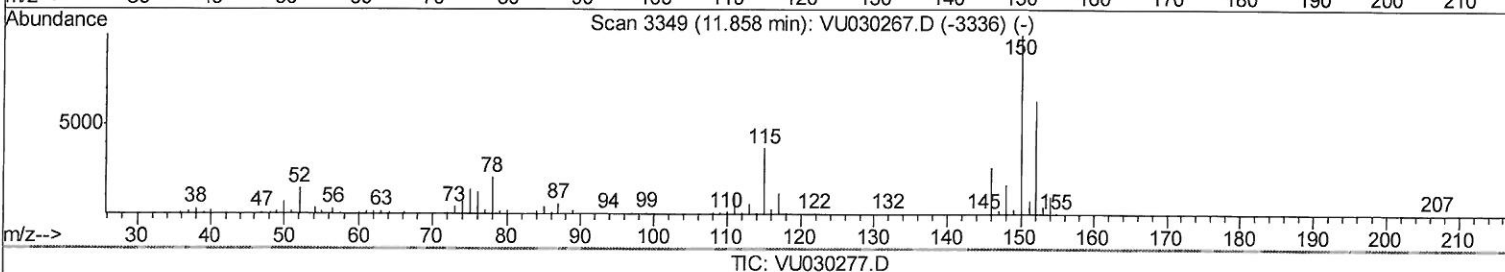
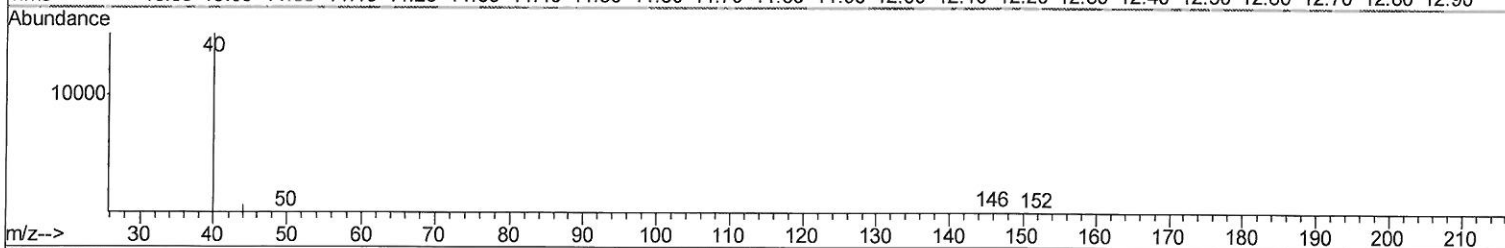
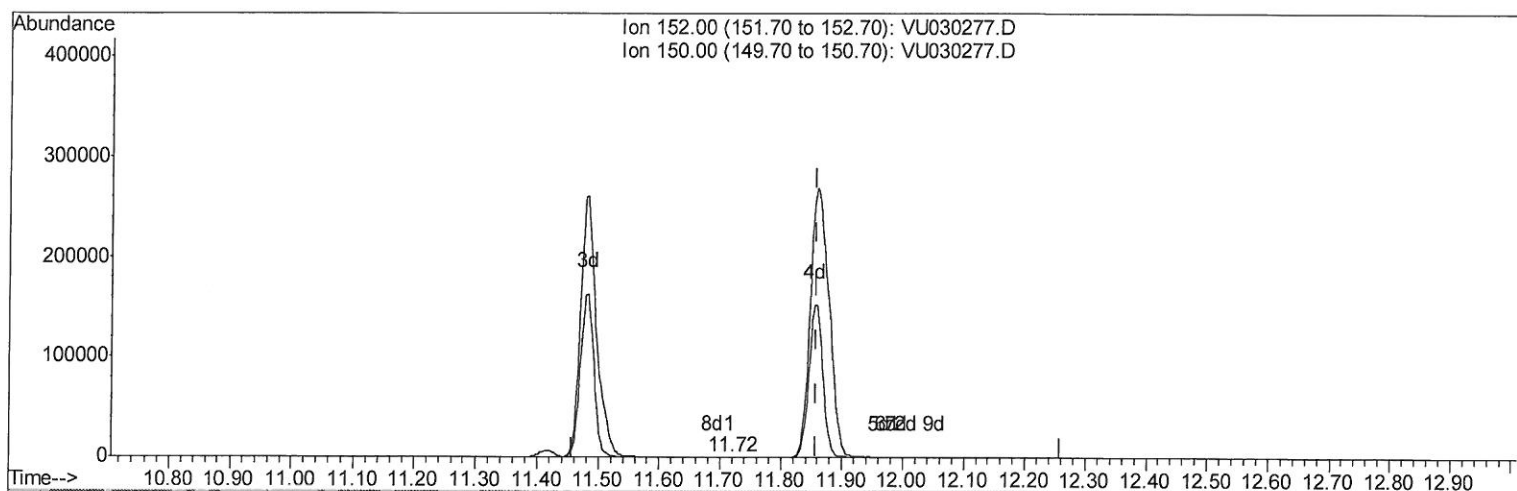
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TIC: VU030277.D

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

11.717min (-0.142) 0.02ug/L

response 102

Ion	Exp%	Act%
152.00	100	100
150.00	172.20	205.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

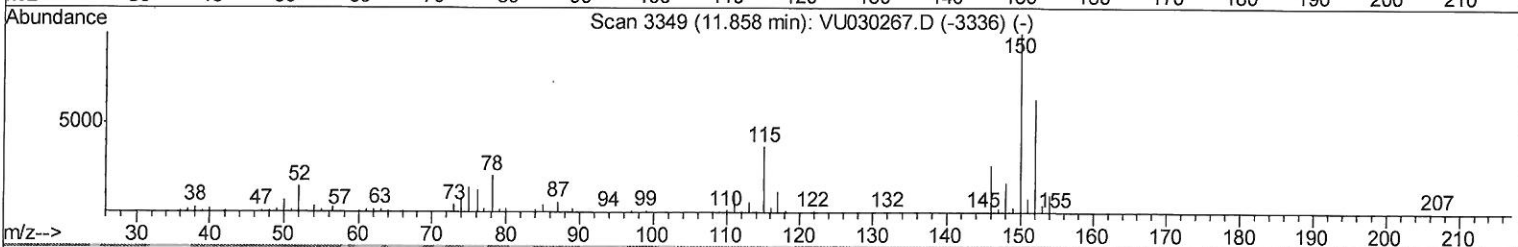
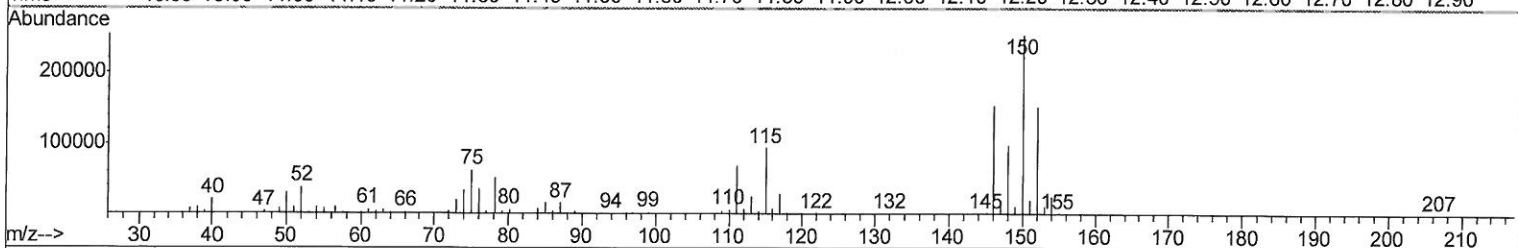
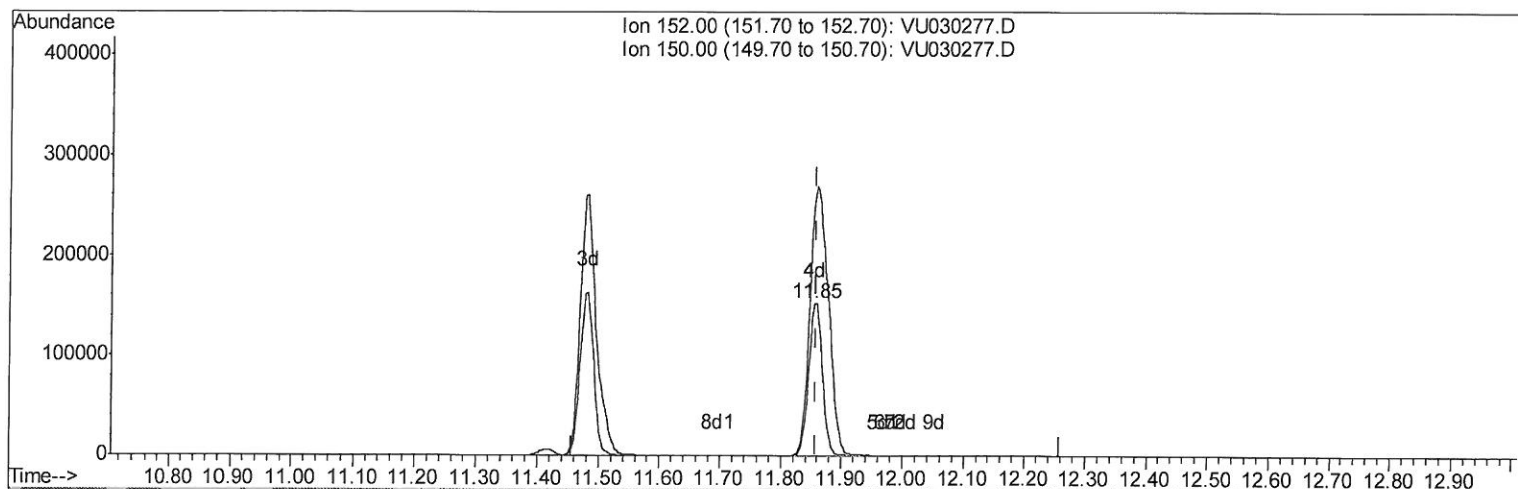
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Manual Integrations
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QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration



TIC: VU030277.D

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

11.855min (-0.003) 47.78ug/L m

response 244104

Ion	Exp%	Act%
152.00	100	100
150.00	172.20	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

7770
3/27/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032119\
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 Sample : K2022-08DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 05:14:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254481	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174450	49.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.18%		
7) Chloroethane-d5	1.68	69	137908	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.08%		
11) 1,1-Dichloroethene-d2	2.27	63	228796	35.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.58%		
21) 2-Butanone-d5	4.18	46	240950	91.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.40%		
24) Chloroform-d	4.65	84	293907	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.14%		
26) 1,2-Dichloroethane-d4	5.31	65	171612	46.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.28%		
32) Benzene-d6	5.34	84	645855	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.44%		
36) 1,2-Dichloropropane-d6	6.33	67	200220	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.60%		
41) Toluene-d8	7.56	98	580402	44.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.30%		
43) trans-1,3-Dichloropropene-	7.85	79	87326	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.84%		
47) 2-Hexanone-d5	8.31	63	194738	87.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.78%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287099	43.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.50%		
64) 1,2-Dichlorobenzene-d4	11.85	152	244104m	47.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.56%		

> m0
 3/27/19

Target Compounds

					Qvalue
51) Chlorobenzene	9.12	112	771856	70.811	ug/L 100
62) 1,3-Dichlorobenzene	11.41	146	105588	13.005	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	722863	85.833	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	1891269	227.994	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	510296	90.940	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	70289	12.005	ug/L 99

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